

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062765.D
 Acq On : 6 Aug 2020 14:41
 Operator : JC/MD
 Sample : VN0806WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:50:44 PM

Quant Time: Aug 07 03:42:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	160943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	257176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	127265	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	7.55	113	86221	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.06	98	328162	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.38	95	124317	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47822	20.750	ug/l	99
3) Chloromethane	2.03	50	48281	22.200	ug/l	96
4) Vinyl Chloride	2.16	62	46209	22.654	ug/l	100
5) Bromomethane	2.52	94	26314	19.487	ug/l	97
6) Chloroethane	2.66	64	26580	19.807	ug/l	96
7) Trichlorofluoromethane	2.98	101	68635	18.870	ug/l	96
8) Diethyl Ether	3.37	74	20370	19.563	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	29970	19.901	ug/l	97
10) Methyl Iodide	3.90	142	32623	18.505	ug/l	96
11) Tert butyl alcohol	4.74	59	41796	95.816	ug/l	100
12) 1,1-Dichloroethene	3.69	96	26940	18.929	ug/l	98
13) Acrolein	3.56	56	19642	74.370	ug/l	97
14) Allyl chloride	4.27	41	52815	18.744	ug/l	96
15) Acrylonitrile	4.93	53	101216	100.041	ug/l	99
16) Acetone	3.78	43	91151	94.781	ug/l	99
17) Carbon Disulfide	4.00	76	73036	18.178	ug/l	98
18) Methyl Acetate	4.28	43	50013	21.340	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	120123	19.264	ug/l	99
20) Methylene Chloride	4.50	84	36071	20.040	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	28732	17.840	ug/l	97
22) Diisopropyl ether	5.90	45	121368	20.233	ug/l	92
23) Vinyl Acetate	5.84	43	428800	93.983	ug/l	100
24) 1,1-Dichloroethane	5.80	63	63766	18.140	ug/l	98
25) 2-Butanone	6.79	43	135825	99.720	ug/l	99
26) 2,2-Dichloropropane	6.77	77	54604	16.852	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	35207	18.223	ug/l	97
28) Bromochloromethane	7.15	49	34218	20.169	ug/l	100
29) Tetrahydrofuran	7.17	42	90095	101.815	ug/l	98
30) Chloroform	7.33	83	69238	18.534	ug/l	98
31) Cyclohexane	7.62	56	61161	18.954	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	57875	17.328	ug/l	97
36) 1,1-Dichloropropene	7.75	75	45542	18.187	ug/l	98
37) Ethyl Acetate	6.88	43	52489	20.066	ug/l	96
38) Carbon Tetrachloride	7.73	117	50334	16.995	ug/l	97

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MMDadoda
 8/7/2020 12:50:44 PM

Quant Time: Aug 07 03:42:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	58236	19.324	ug/l	94
40) Benzene	8.00	78	136412	18.255	ug/l	98
41) Methacrylonitrile	7.12	41	23348	19.780	ug/l #	67
42) 1,2-Dichloroethane	8.08	62	58186	18.295	ug/l	99
43) Isopropyl Acetate	8.13	43	85075	19.499	ug/l	99
44) Trichloroethene	8.80	130	32803	18.018	ug/l	99
45) 1,2-Dichloropropane	9.08	63	38650	19.111	ug/l	100
46) Dibromomethane	9.17	93	25817	19.483	ug/l	98
47) Bromodichloromethane	9.37	83	56323	18.925	ug/l	98
48) Methyl methacrylate	9.17	41	40469	18.857	ug/l	97
49) 1,4-Dioxane	9.17	88	16351	411.187	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	285736	101.217	ug/l	99
52) Toluene	10.12	92	83685	18.138	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	58886	17.988	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	61193	18.618	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	37067	18.811	ug/l	93
56) Ethyl methacrylate	10.40	69	57965	19.544	ug/l	99
57) 1,3-Dichloropropane	10.68	76	63613	19.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	80531	96.058	ug/l	100
59) 2-Hexanone	10.72	43	207577	98.574	ug/l	99
60) Dibromochloromethane	10.87	129	40484	18.004	ug/l	100
61) 1,2-Dibromoethane	10.98	107	37009	19.034	ug/l	100
64) Tetrachloroethene	10.60	164	28966	18.382	ug/l	94
65) Chlorobenzene	11.41	112	93355	18.286	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	37878	18.475	ug/l	98
67) Ethyl Benzene	11.49	91	167689	18.355	ug/l	100
68) m/p-Xylenes	11.60	106	122984	37.084	ug/l	98
69) o-Xylene	11.92	106	57006	18.342	ug/l	97
70) Styrene	11.94	104	102367	18.739	ug/l	98
71) Bromoform	12.10	173	29301	17.468	ug/l #	96
73) Isopropylbenzene	12.23	105	162933	19.497	ug/l	99
74) N-amyl acetate	12.05	43	69869	20.632	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	58698	19.953	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	57002m	19.045	ug/l	
77) Bromobenzene	12.50	156	38735	18.655	ug/l	96
78) n-propylbenzene	12.57	91	195482	19.928	ug/l	100
79) 2-Chlorotoluene	12.65	91	118033	19.188	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	144326	19.908	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	18130	18.492	ug/l	94
82) 4-Chlorotoluene	12.75	91	122631	19.345	ug/l	100
83) tert-Butylbenzene	12.97	119	120954	19.717	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	143035	20.623	ug/l	100
85) sec-Butylbenzene	13.15	105	161717	20.075	ug/l	100
86) p-Isopropyltoluene	13.26	119	144035	20.143	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	70750	19.074	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	70347	18.908	ug/l	100
89) n-Butylbenzene	13.59	91	116886	19.327	ug/l	99
90) Hexachloroethane	13.85	117	28760	18.659	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	68915	19.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12339	19.538	ug/l	98

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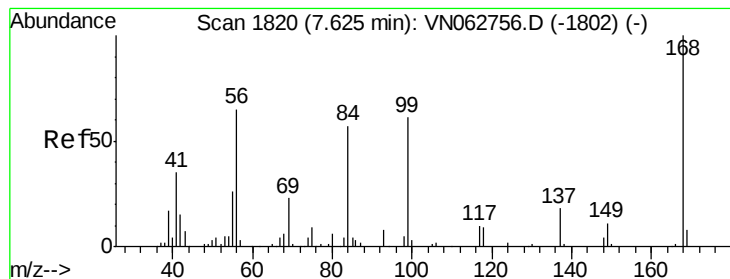
Manual Integrations
APPROVED

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8/7/2020 12:50:44 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	31103	18.869	ug/l	98
94) Hexachlorobutadiene	14.98	225	21312	18.496	ug/l	95
95) Naphthalene	15.11	128	81259	18.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	32001	19.172	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Tot Ion: 168 Resp: 160943

Ion Ratio Lower Upper

168 100

99 65.1 52.9 79.3

Instrument :

MSVOA_N

ClientSampleId :

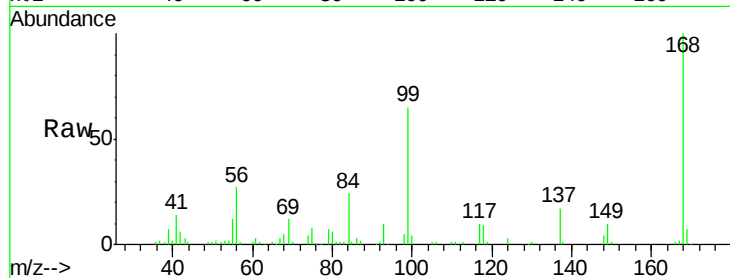
VN0806WBSD01

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

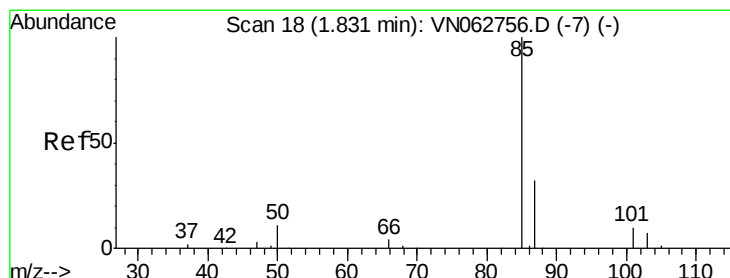
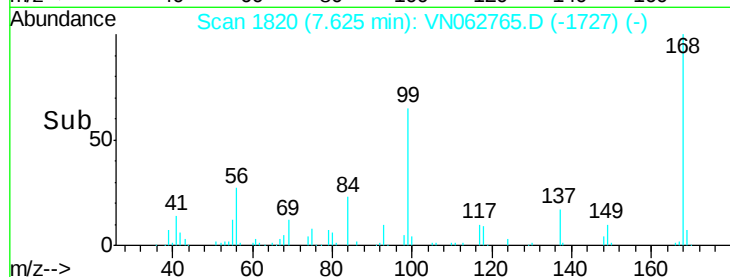
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.750 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062765.D

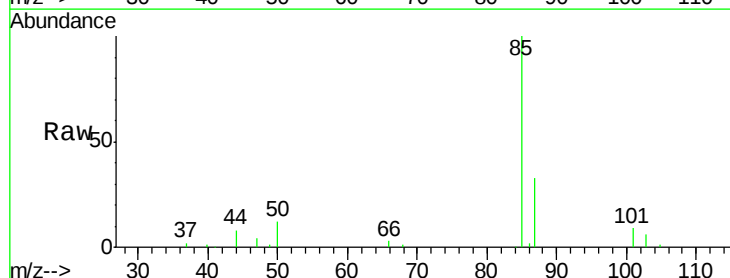
Acq: 6 Aug 2020 14:41

Tgt Ion: 85 Resp: 47822

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

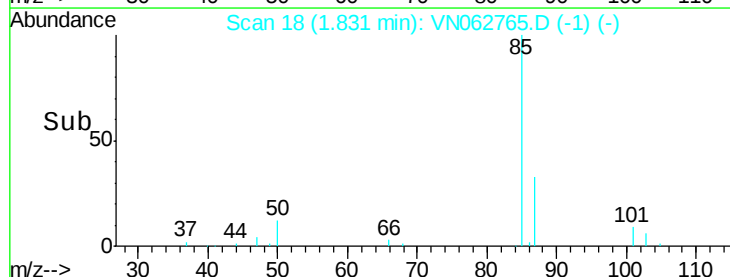
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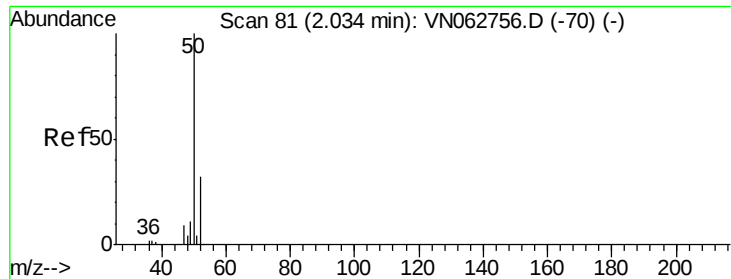
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 22.200 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion: 50 Resp: 48281

Ion Ratio Lower Upper

50 100

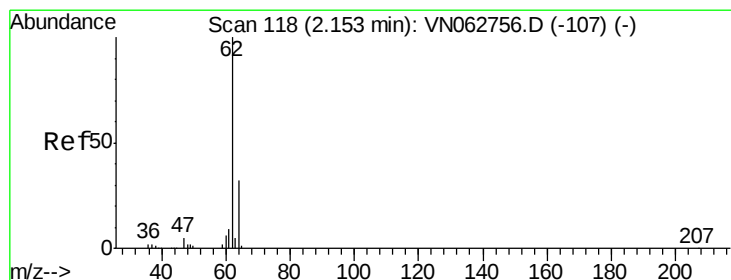
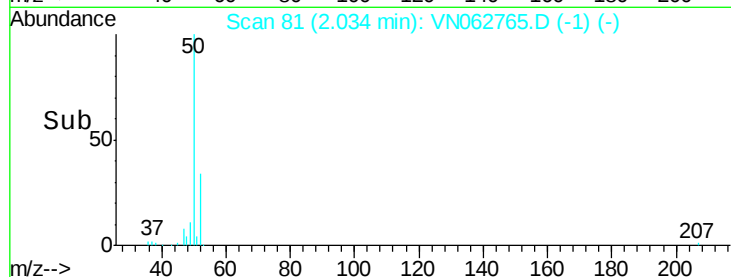
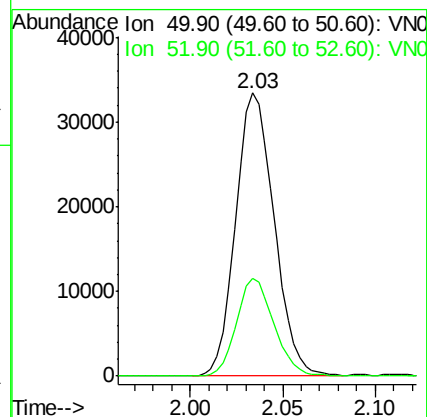
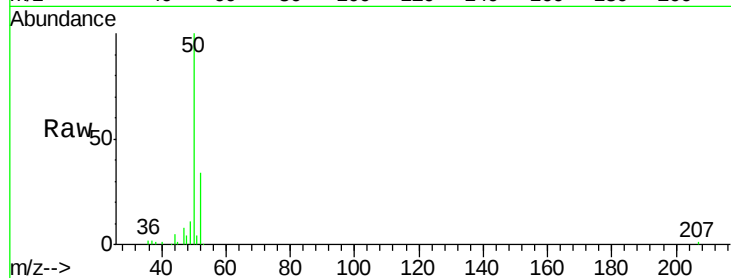
52 34.5 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.654 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062765.D

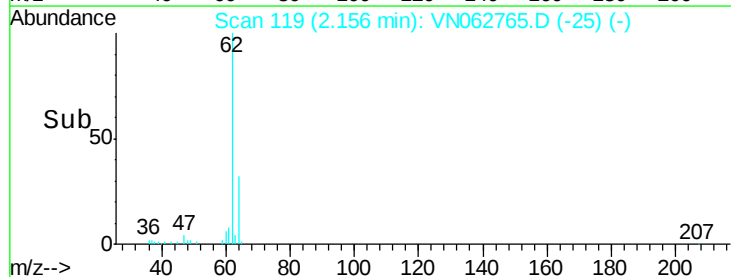
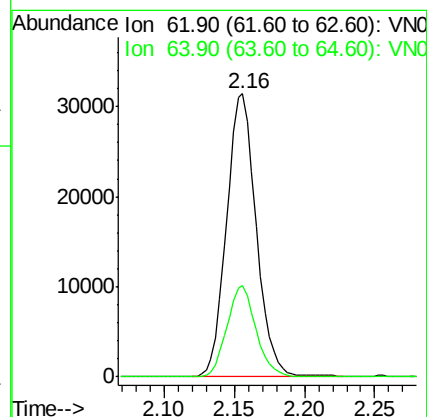
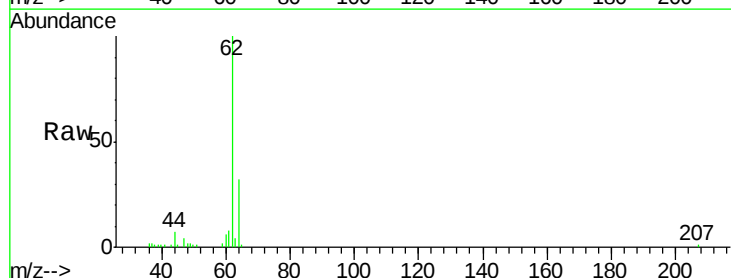
Acq: 6 Aug 2020 14:41

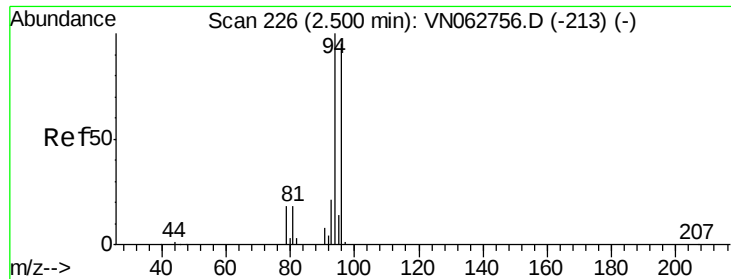
Tgt Ion: 62 Resp: 46209

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 19.487 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.02 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion: 94 Resp: 26314

Ion Ratio Lower Upper

94 100

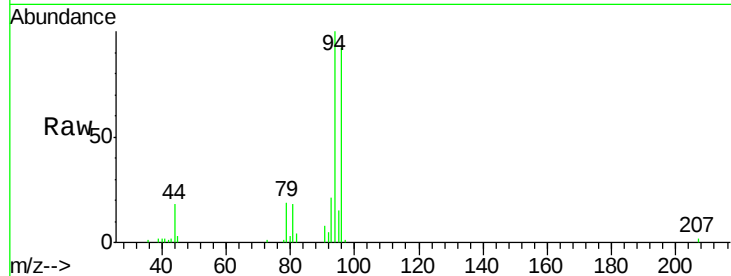
96 92.4 76.2 114.4

Manual Integrations

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8/7/2020 12:50:44 PM



Abundance Ion 93.90 (93.60 to 94.60): VN062765.D (-213) (-)

Ion 95.90 (95.60 to 96.60): VN062765.D (-213) (-)

2.52

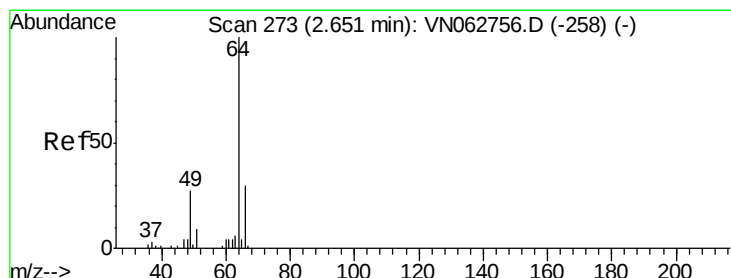
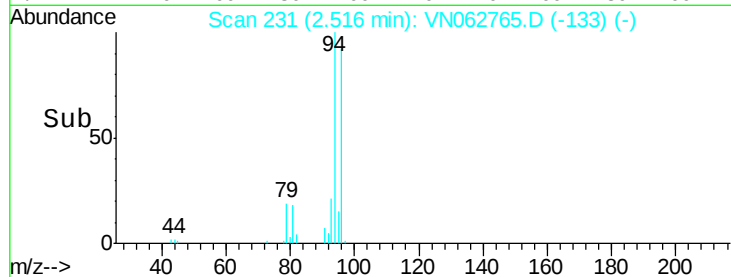
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.807 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.01 min

Lab File: VN062765.D

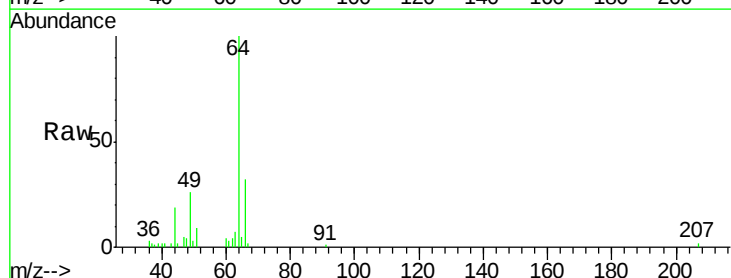
Acq: 6 Aug 2020 14:41

Tgt Ion: 64 Resp: 26580

Ion Ratio Lower Upper

64 100

66 32.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN062765.D (-180) (-)

Ion 65.90 (65.60 to 66.60): VN062765.D (-180) (-)

2.66

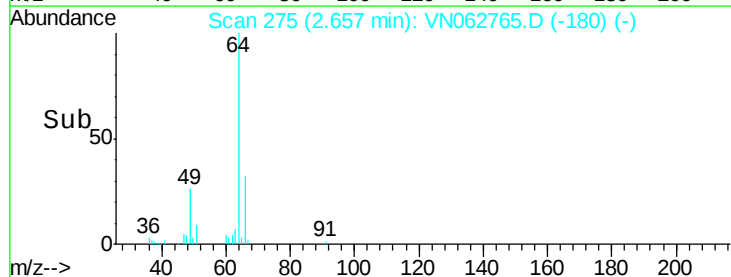
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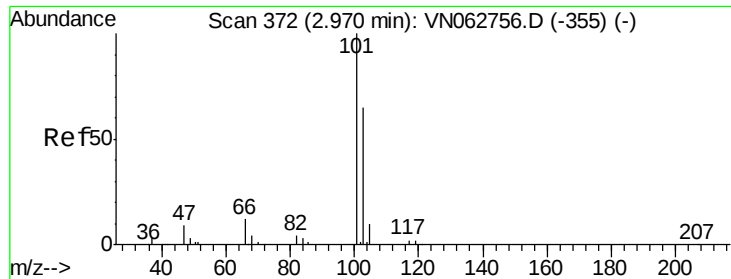
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5000

0

Time-->





#7

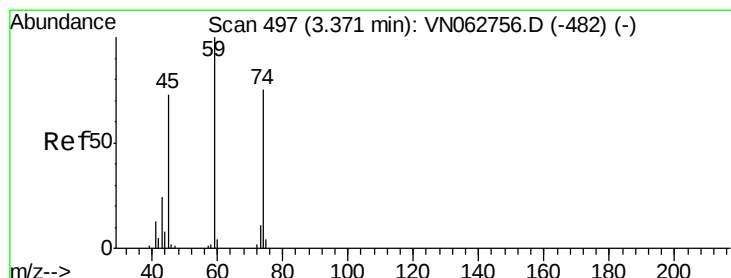
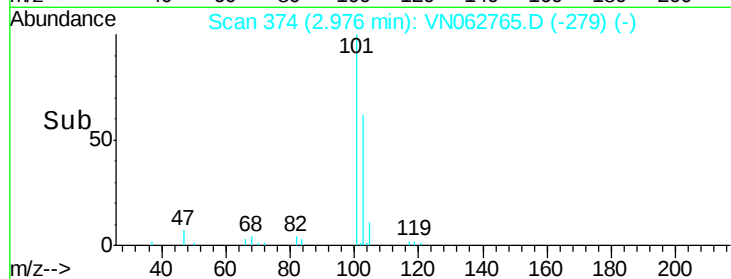
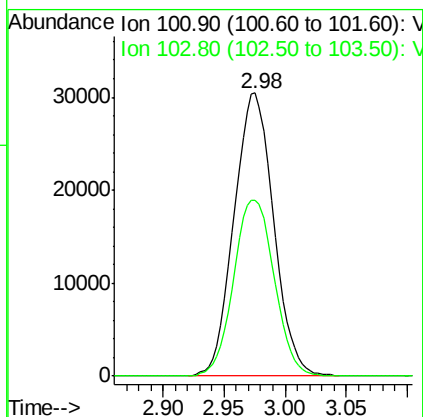
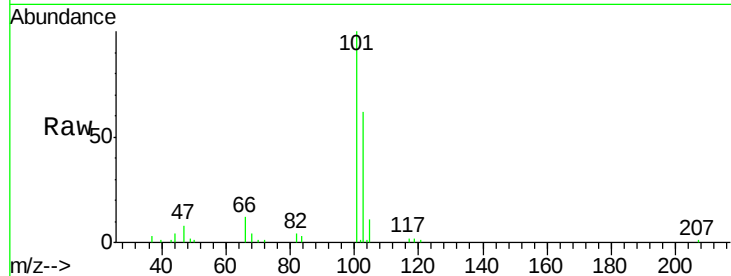
Trichlorofluoromethane
 Concen: 18.870 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

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 VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	52.3	78.5

Manual Integrations
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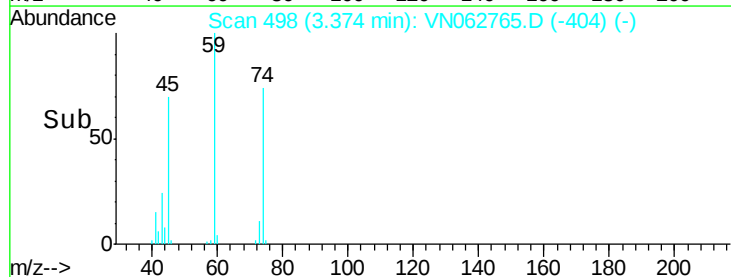
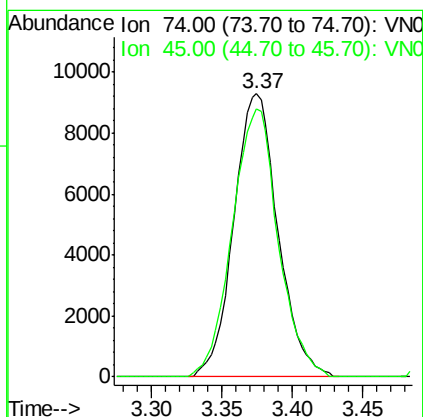
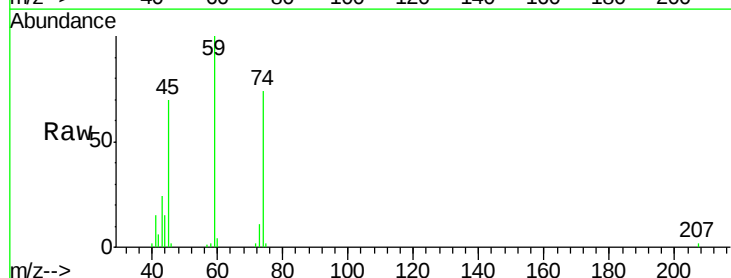
MMDadoda
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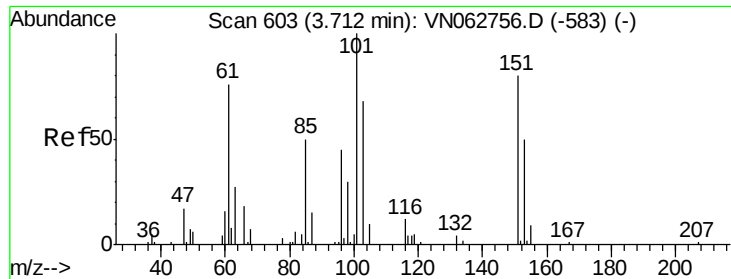


#8

Diethyl Ether
 Concen: 19.563 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.901 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

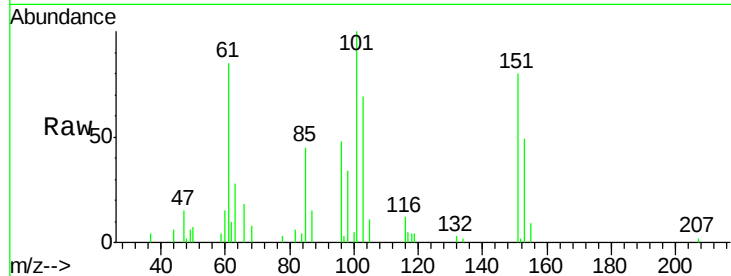
ClientSampled :

VN0806WBSD01

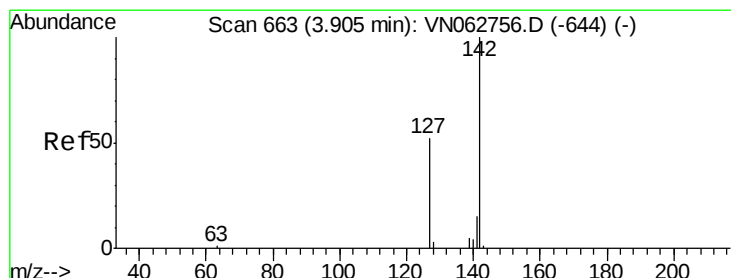
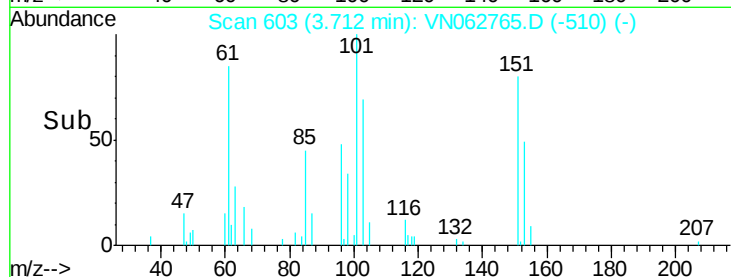
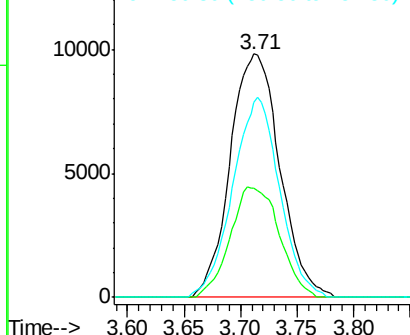
Tot Ion:	101	Resp:	29970
Ion Ratio	Lower	Upper	
101	100		
85	44.8	38.5	57.7
151	77.4	63.0	94.6

Manual Integrations
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8/7/2020 12:50:44 PM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.505 ug/l

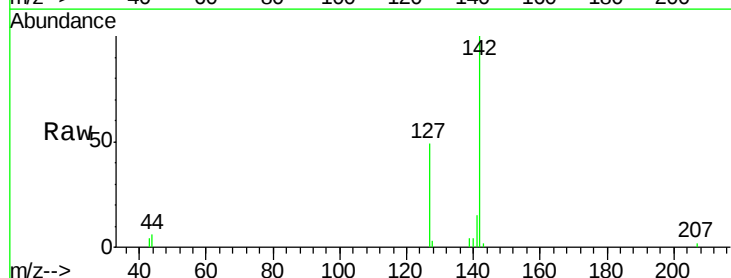
RT: 3.90 min Scan# 663

Delta R.T. -0.00 min

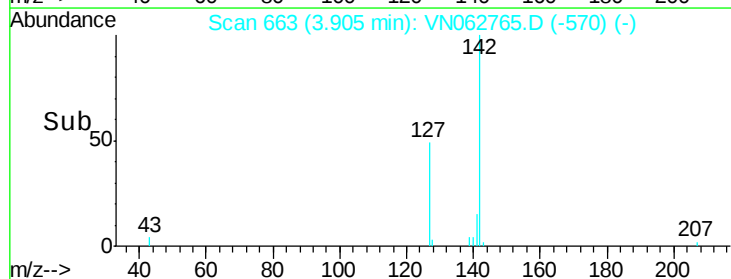
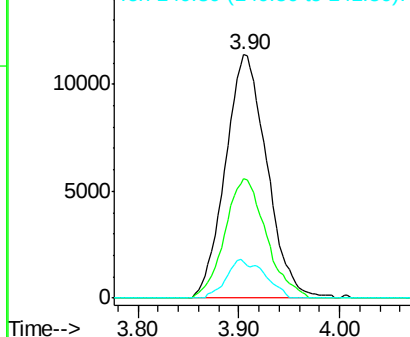
Lab File: VN062765.D

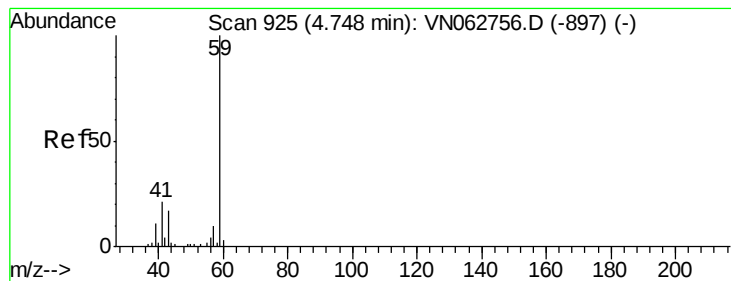
Acq: 6 Aug 2020 14:41

Tgt Ion:	142	Resp:	32623
Ion Ratio	Lower	Upper	
142	100		
127	48.6	41.4	62.0
141	14.6	12.2	18.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

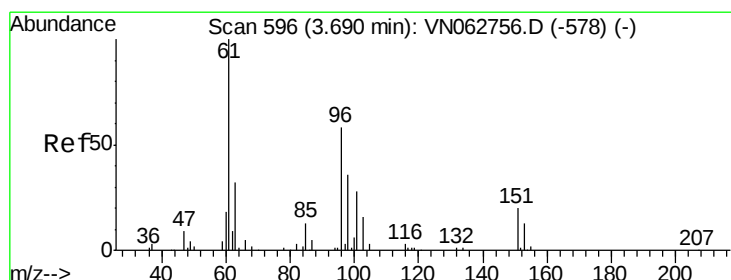
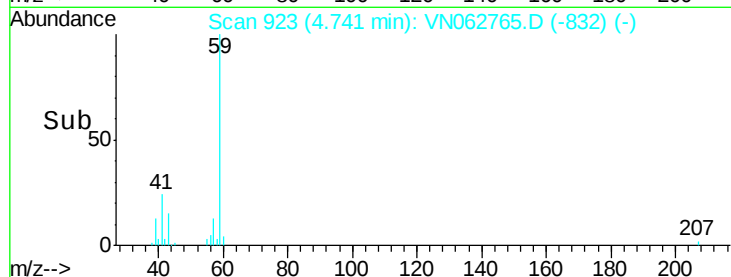
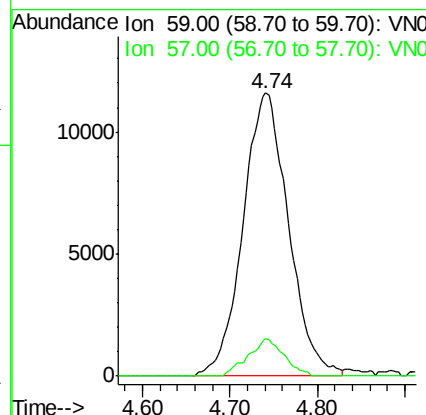
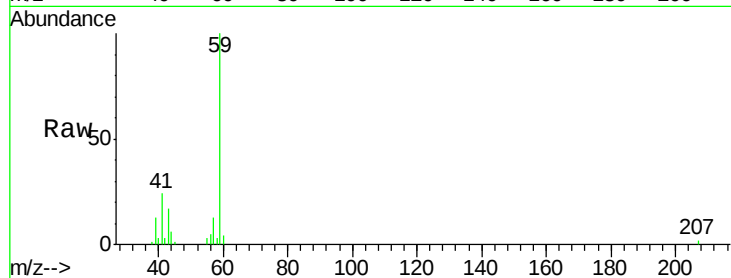
Tert butyl alcohol
 Concen: 95.816 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

Manual Integrations
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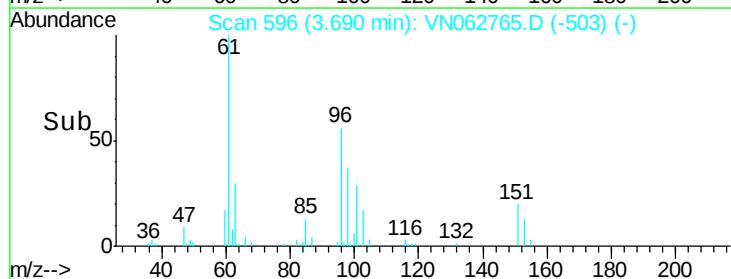
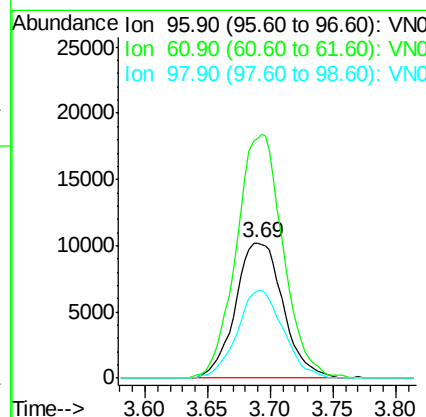
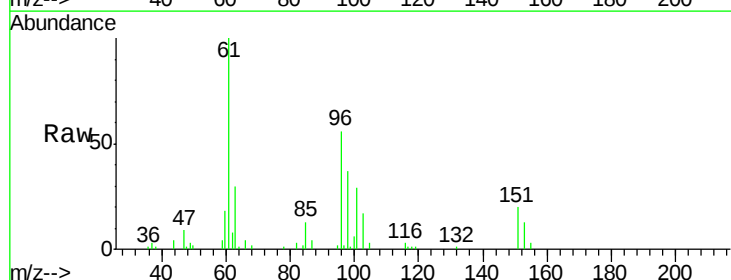
MMDadoda
 8/7/2020 12:50:44 PM

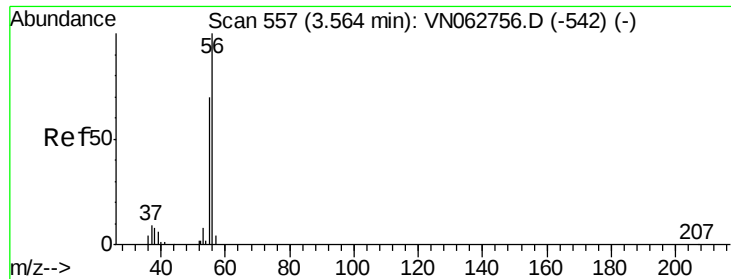


#12

1,1-Dichloroethene
 Concen: 18.929 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.8	139.0	208.6
98	64.7	50.2	75.4





#13

Acrolein

Concen: 74.370 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion: 56 Resp: 19642

Ion Ratio Lower Upper

56 100

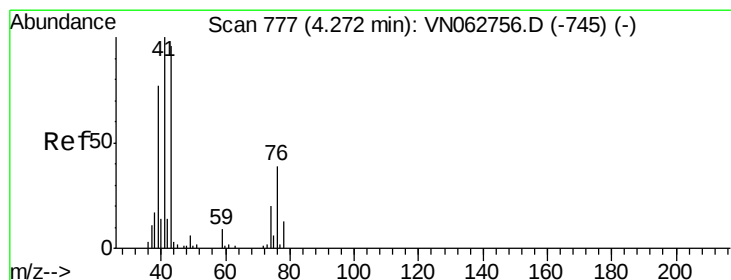
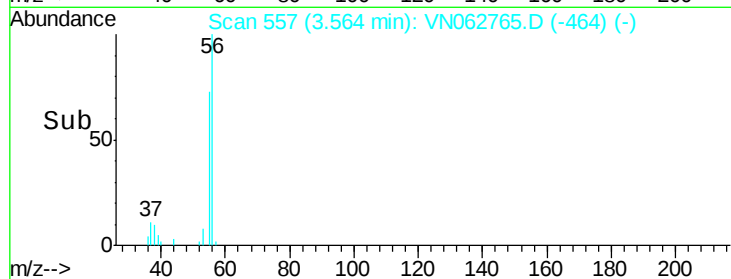
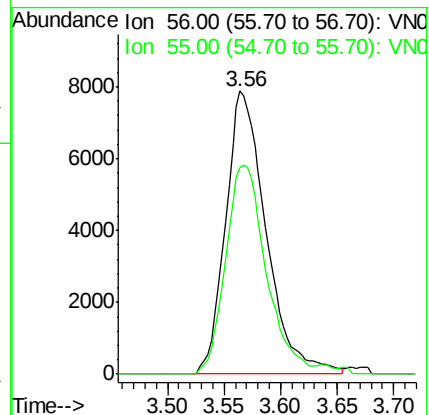
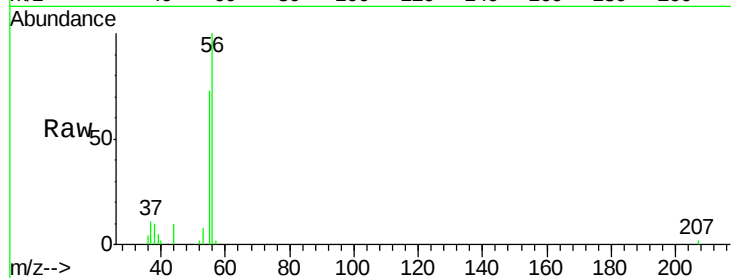
55 73.8 57.0 85.6

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 18.744 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

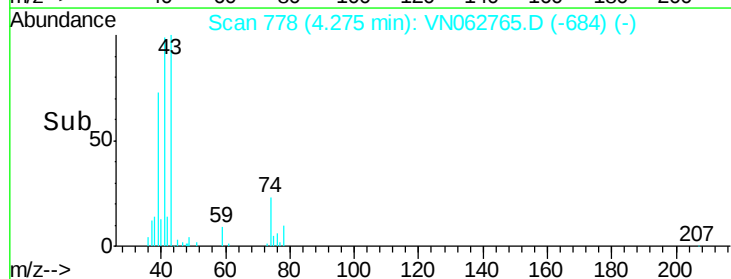
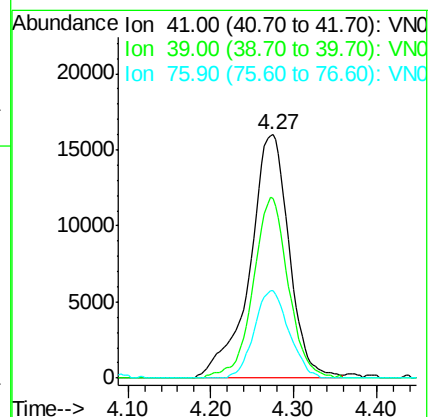
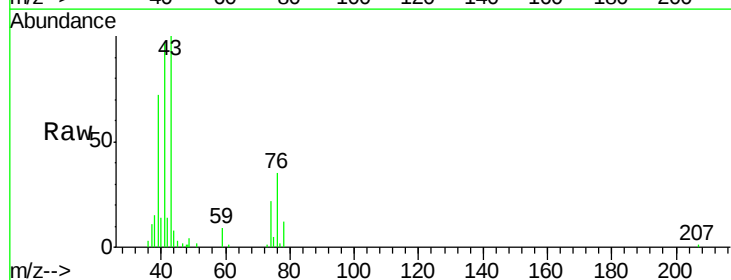
Tgt Ion: 41 Resp: 52815

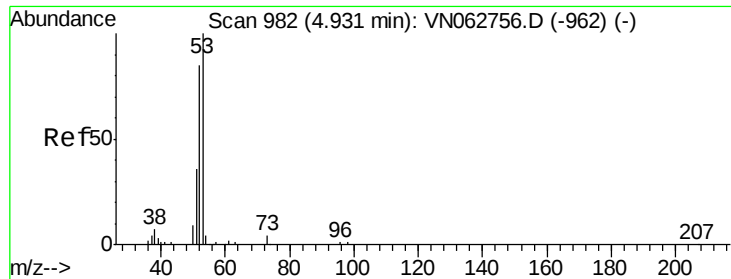
Ion Ratio Lower Upper

41 100

39 66.2 55.7 83.5

76 31.6 27.5 41.3





#15

Acrylonitrile

Concen: 100.041 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

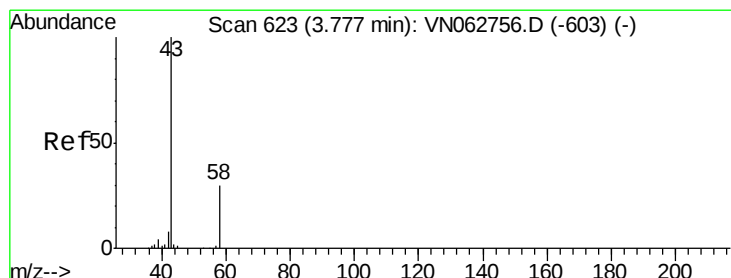
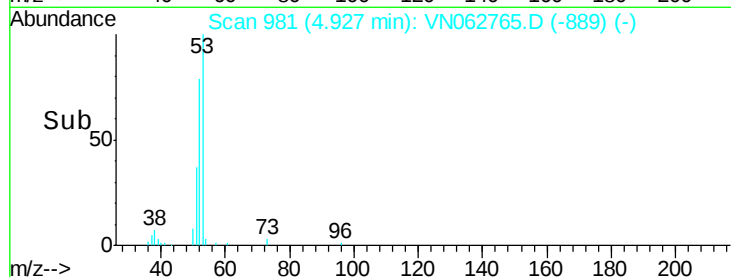
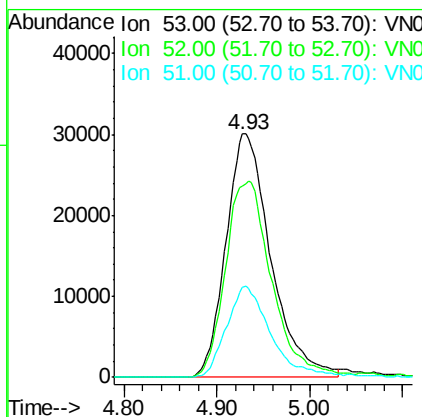
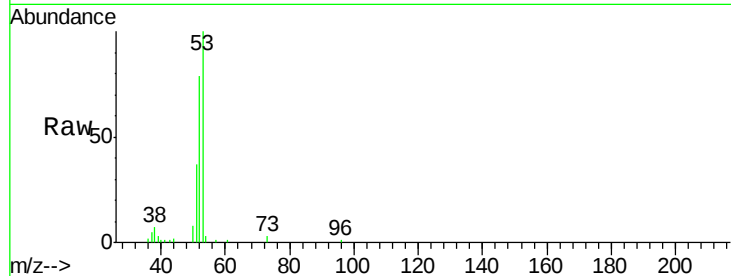
ClientSampleId :

VN0806WBSD01

Tot Ion:	53	Resp:	101216
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.8	100.2
51	36.7	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 94.781 ug/l

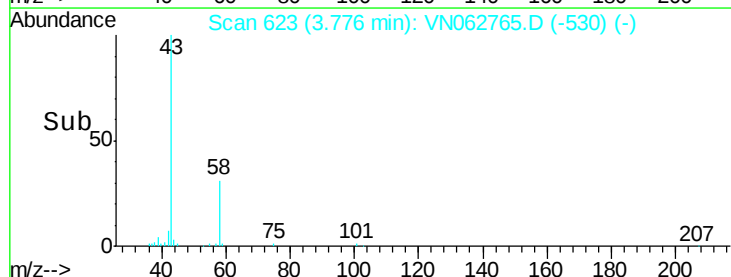
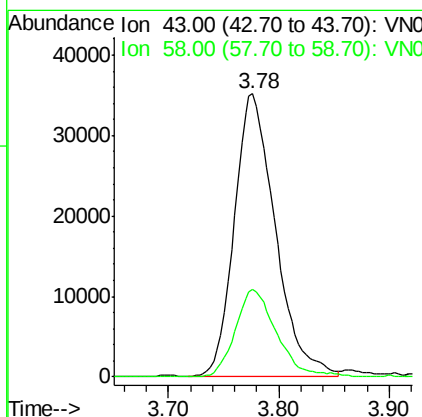
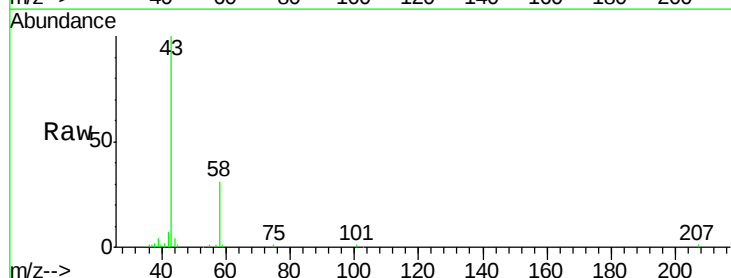
RT: 3.78 min Scan# 623

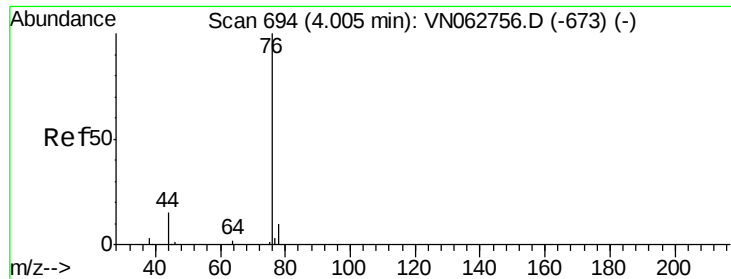
Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Tgt Ion:	43	Resp:	91151
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.1	36.1





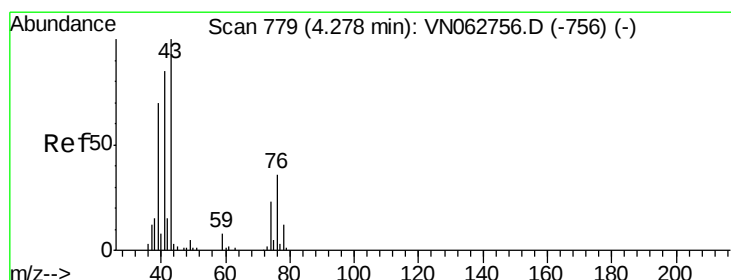
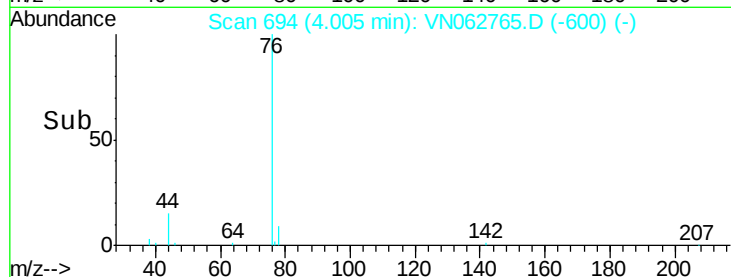
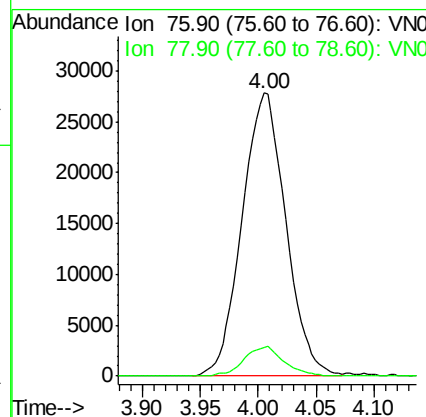
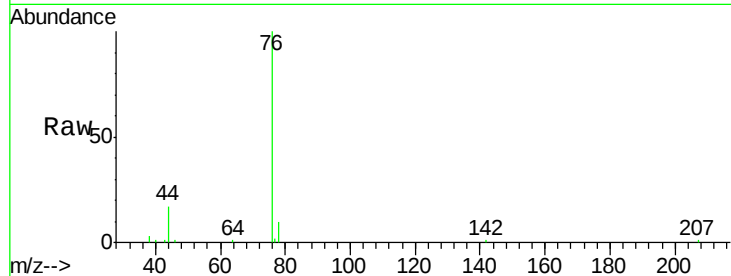
#17
Carbon Disulfide
Concen: 18.178 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion: 76 Resp: 73036
Ion Ratio Lower Upper
76 100
78 10.3 7.7 11.5

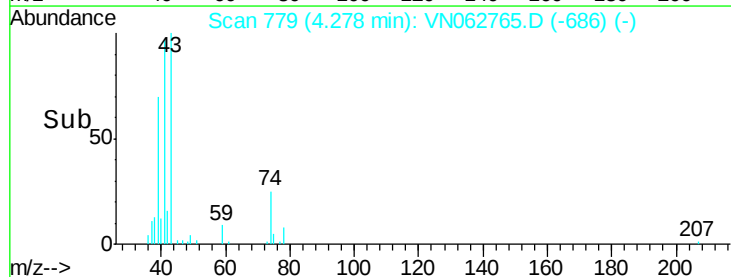
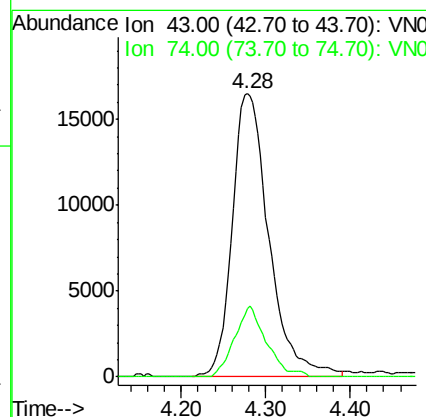
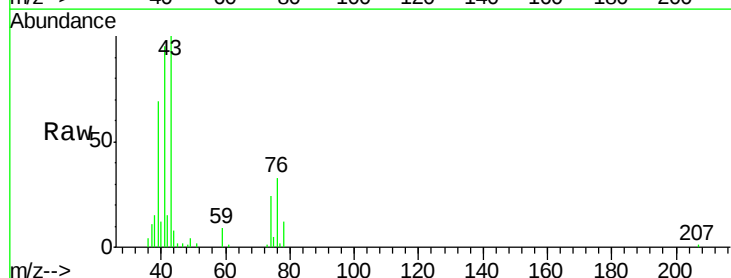
Manual Integrations
APPROVED

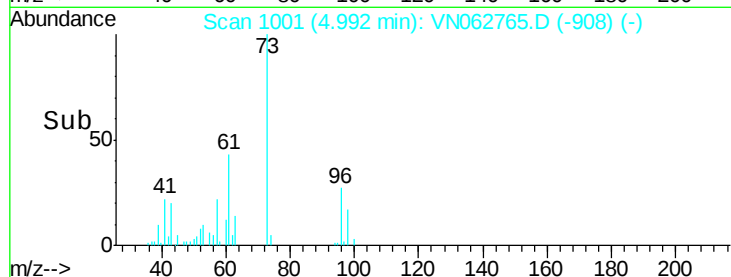
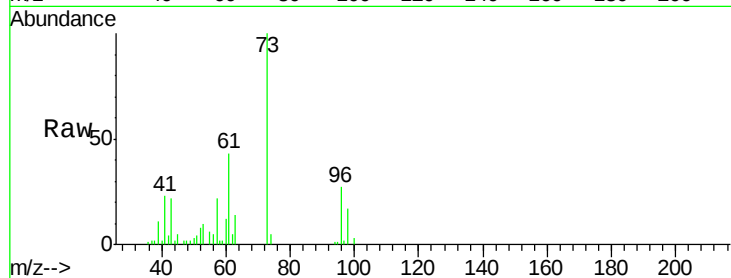
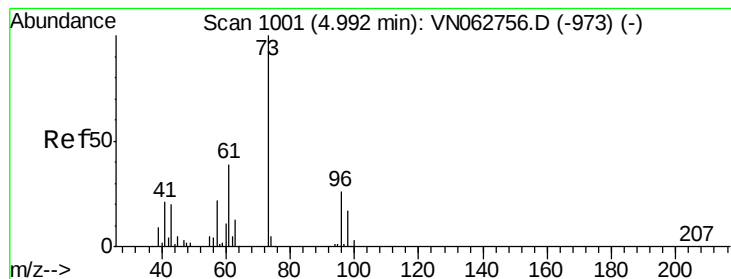
MMDadoda
8/7/2020 12:50:44 PM



#18
Methyl Acetate
Concen: 21.340 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 43 Resp: 50013
Ion Ratio Lower Upper
43 100
74 21.0 18.6 28.0





#19

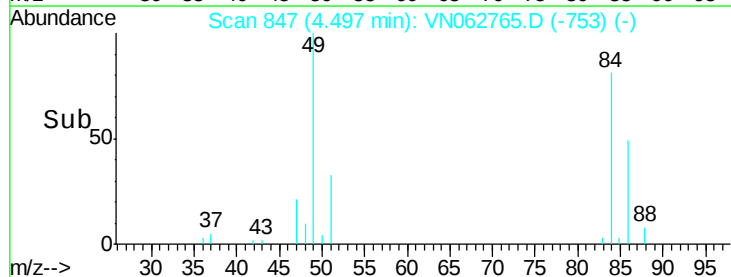
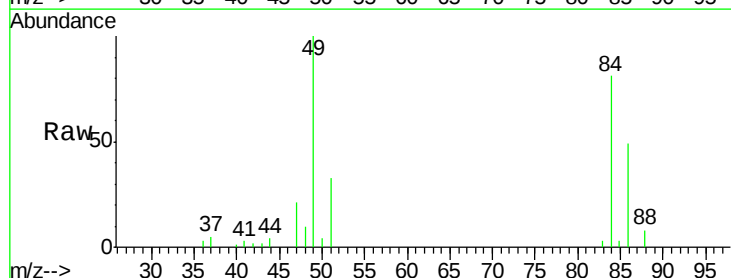
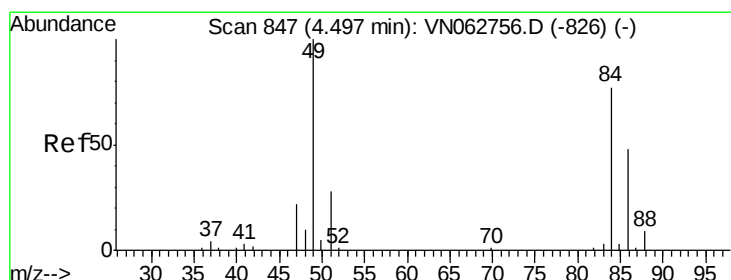
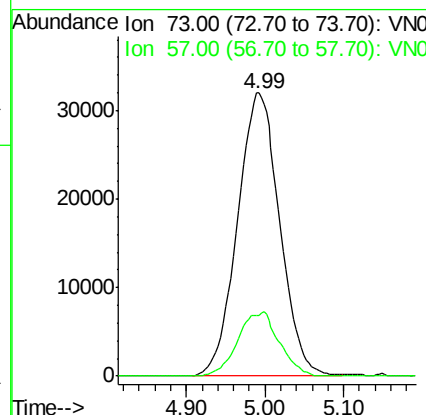
Methyl tert-butyl Ether
Concen: 19.264 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.5	26.3

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Manual Integrations
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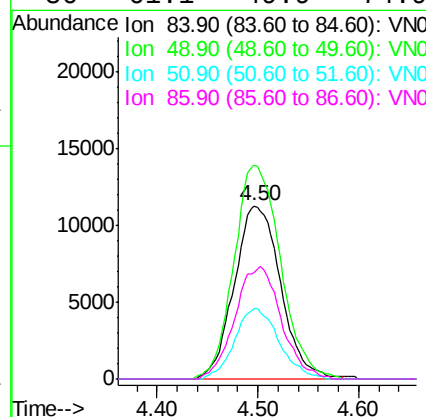
MMDadoda
8/7/2020 12:50:44 PM

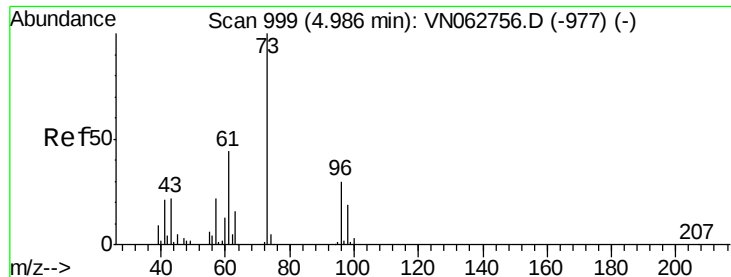


#20

Methylene Chloride
Concen: 20.040 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.5	103.4	155.2
51	40.5	29.3	43.9
86	61.1	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 17.840 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

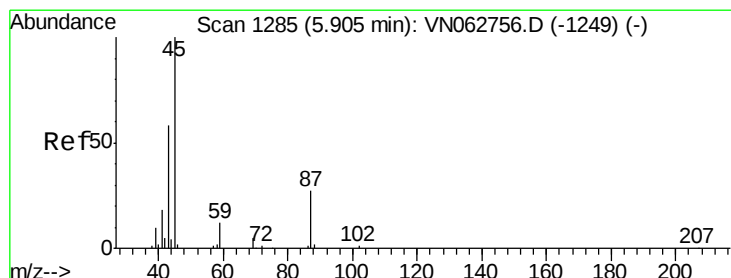
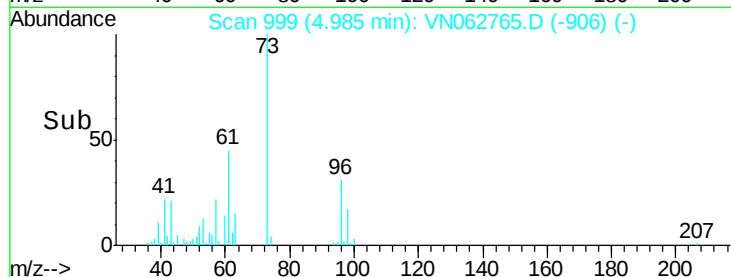
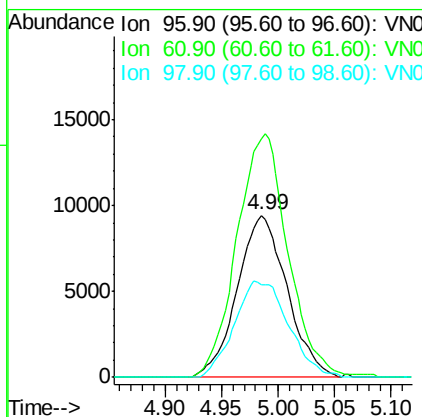
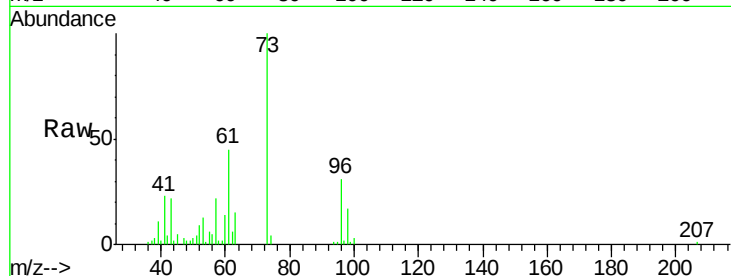
ClientSampled :

VN0806WBSD01

Tot Ion:	96	Resp:	28732
Ion	Ratio	Lower	Upper
96	100		
61	147.6	118.8	178.2
98	57.3	51.0	76.4

Manual Integrations
APPROVED

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#22

Diisopropyl ether

Concen: 20.233 ug/l

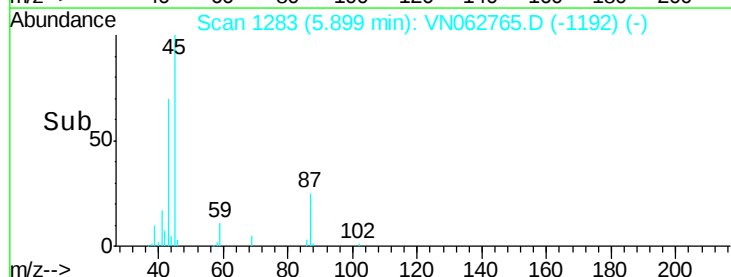
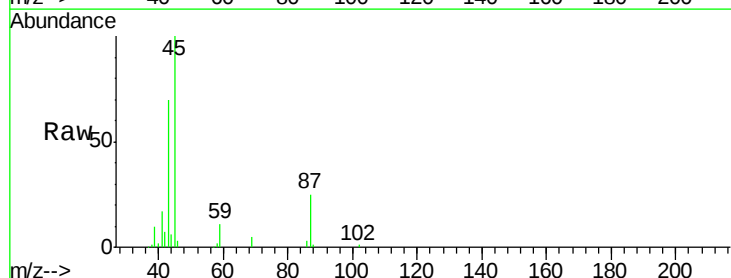
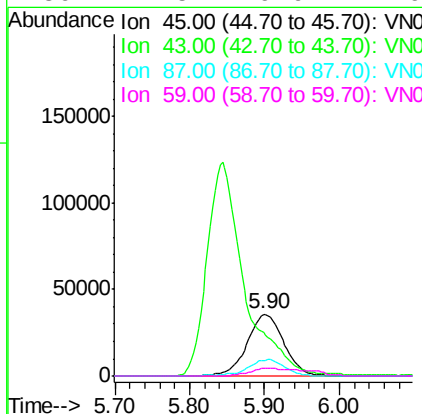
RT: 5.90 min Scan# 1283

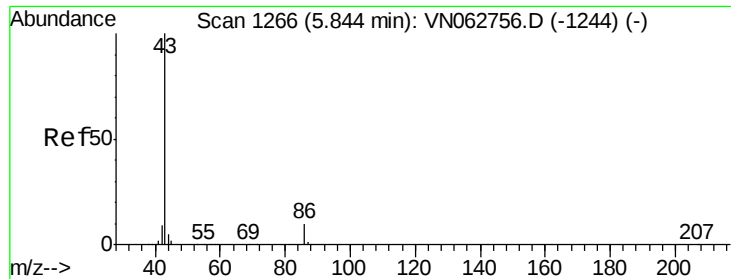
Delta R.T. -0.01 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Tgt Ion:	45	Resp:	121368
Ion	Ratio	Lower	Upper
45	100		
43	66.1	47.4	71.2
87	24.5	22.8	34.2
59	11.5	9.9	14.9





#23

Vinyl Acetate

Concen: 93.983 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion: 43 Resp: 428800

Ion Ratio Lower Upper

43 100

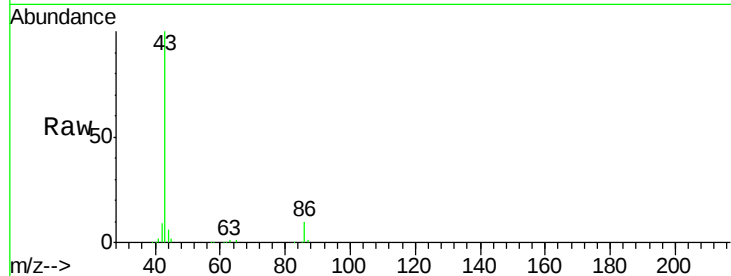
86 9.7 7.7 11.5

Manual Integrations

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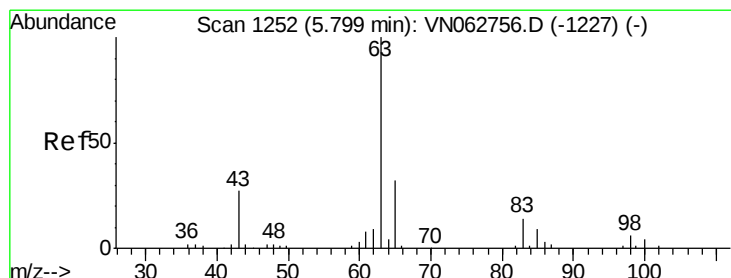
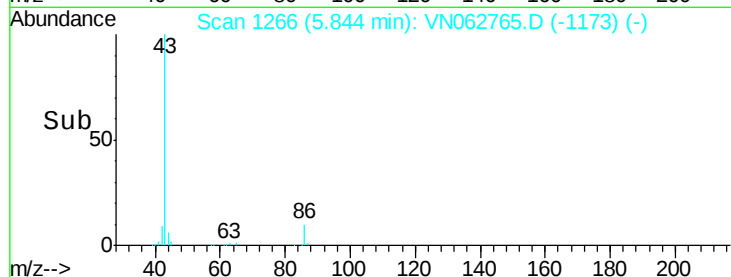
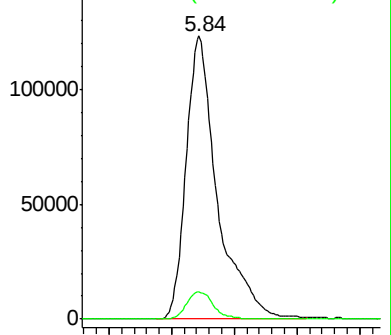
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.140 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

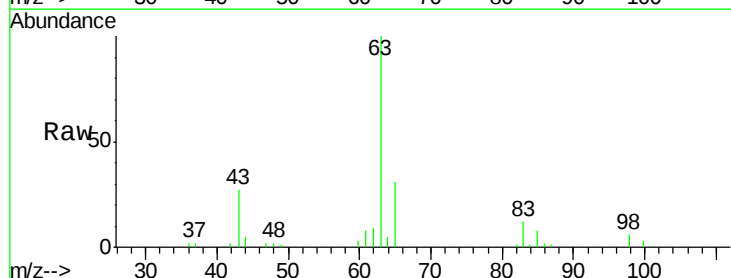
Tgt Ion: 63 Resp: 63766

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

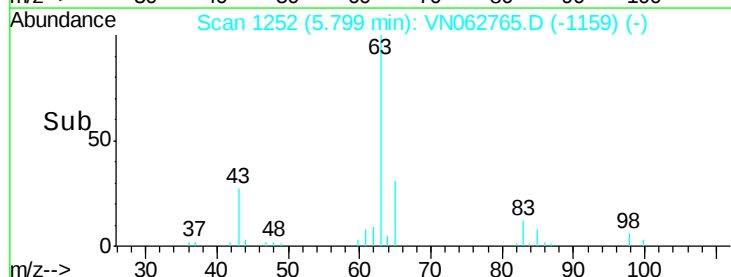
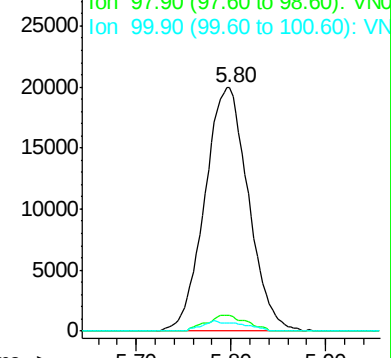
100 3.1 1.9 5.7

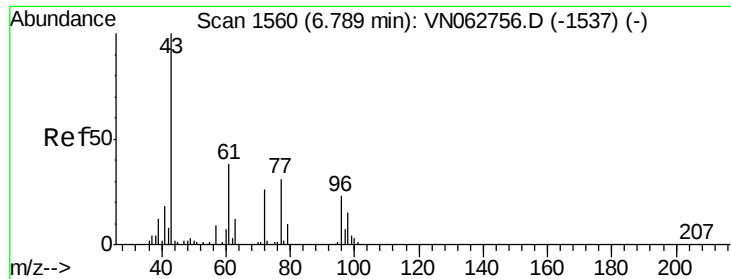


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





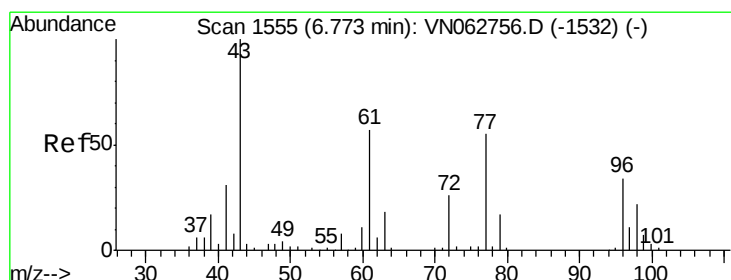
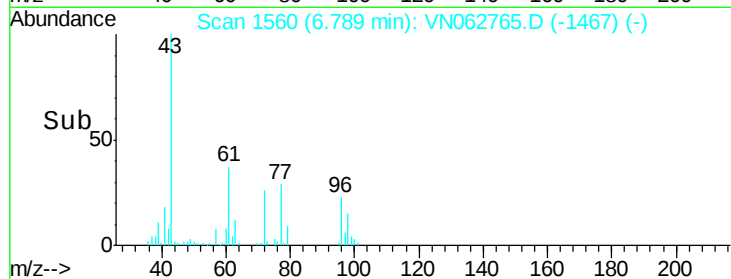
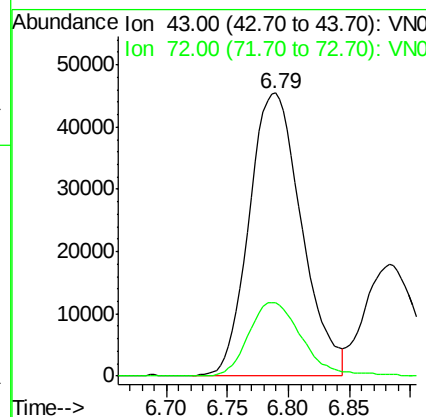
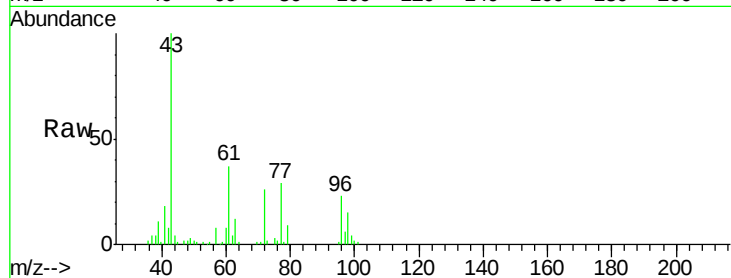
#25
2-Butanone
Concen: 99.720 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion: 43 Resp: 135825
Ion Ratio Lower Upper
43 100
72 25.8 21.1 31.7

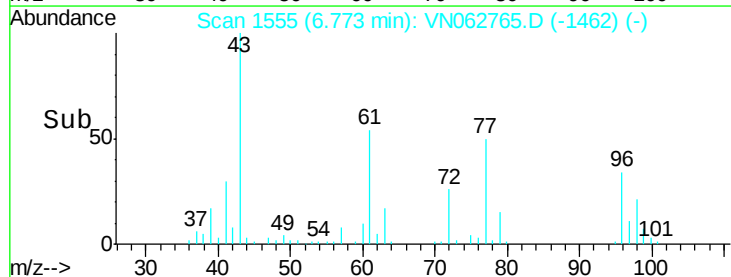
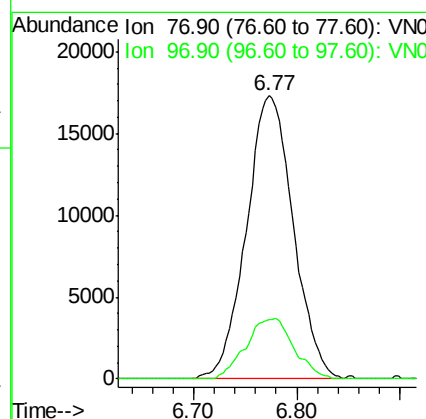
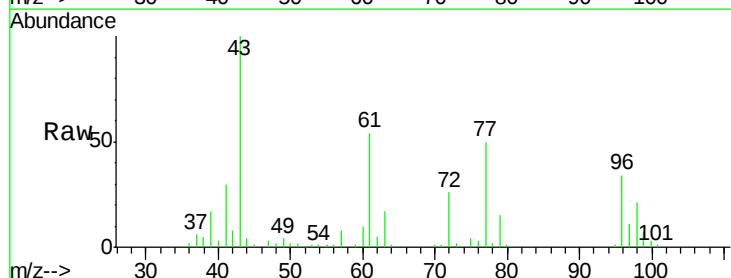
Manual Integrations
APPROVED

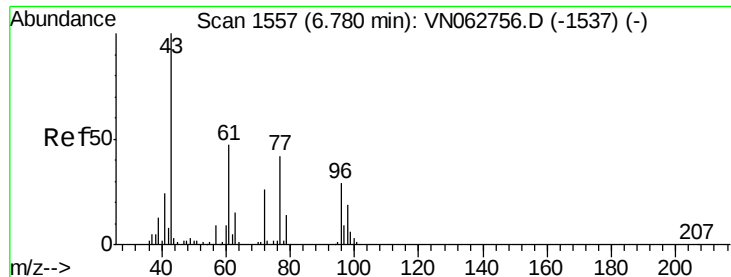
MMDadoda
8/7/2020 12:50:44 PM



#26
2,2-Dichloropropane
Concen: 16.852 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 77 Resp: 54604
Ion Ratio Lower Upper
77 100
97 21.7 10.5 31.6





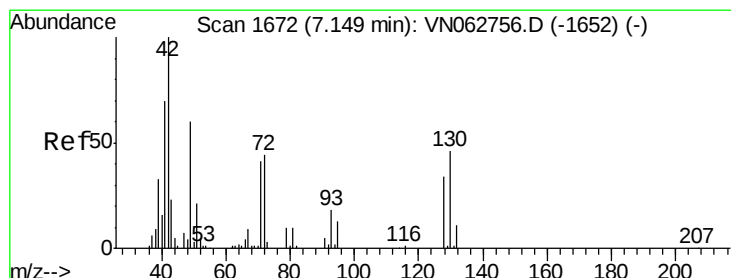
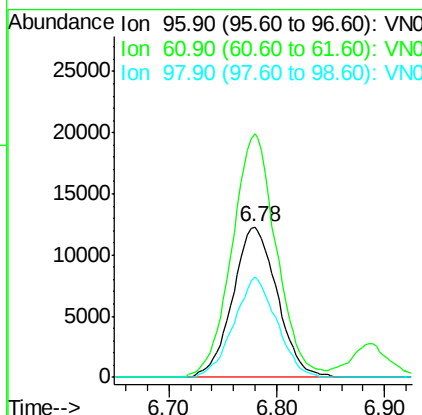
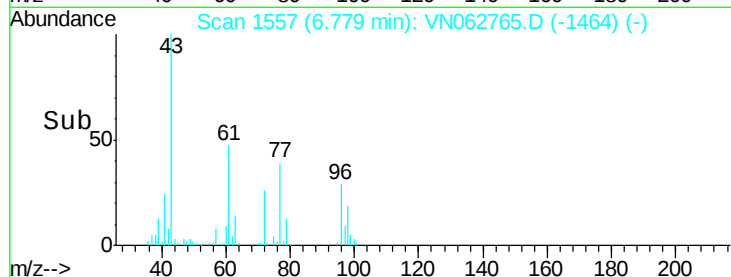
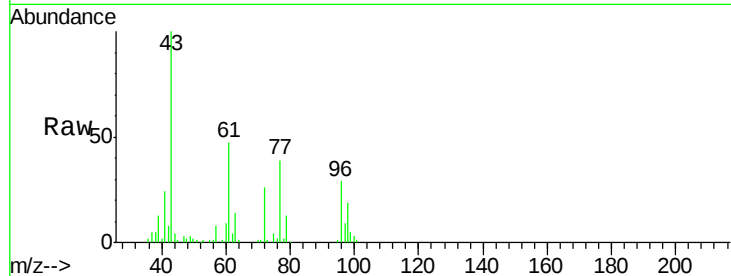
#27
 cis-1,2-Dichloroethene
 Concen: 18.223 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	332.2
98	64.0	0.0	129.4

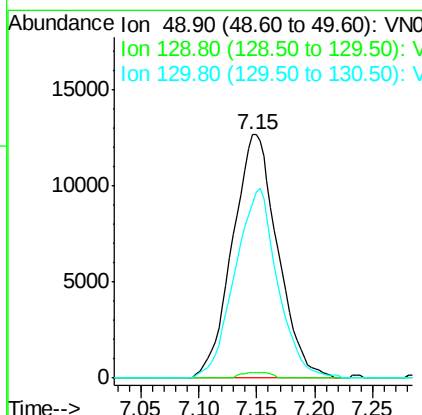
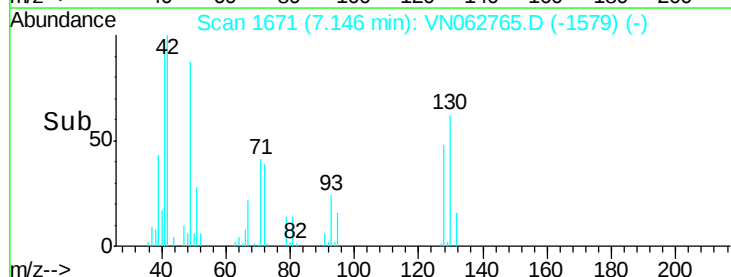
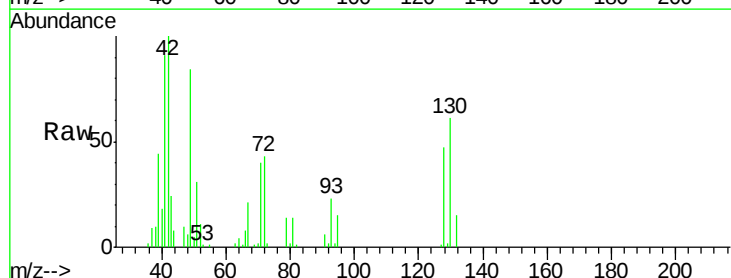
Manual Integrations
 APPROVED

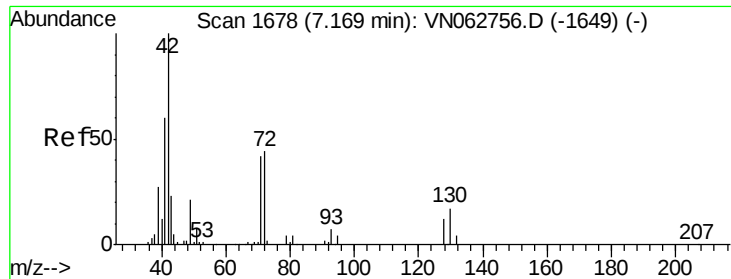
MMDadoda
 8/7/2020 12:50:44 PM



#28
 Bromochloromethane
 Concen: 20.169 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.2
130	74.0	59.0	88.6





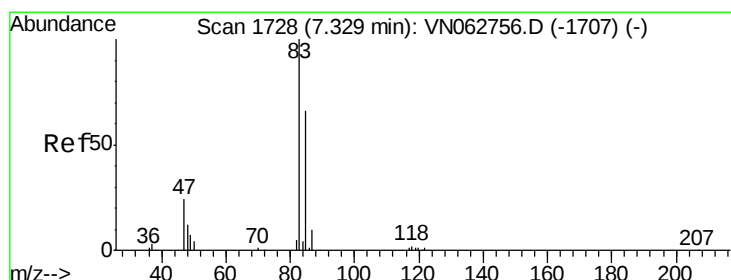
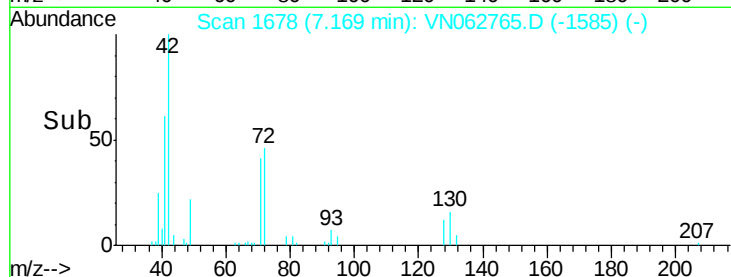
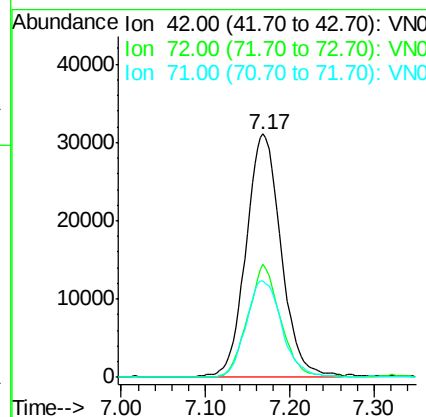
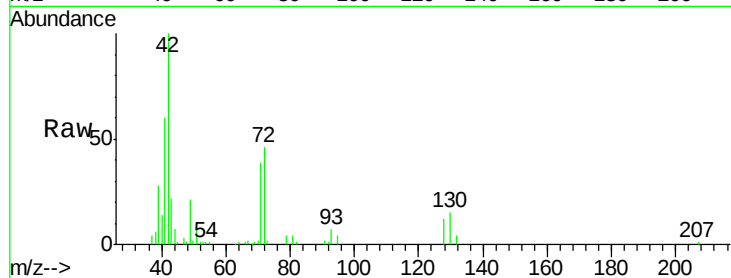
#29
Tetrahydrofuran
Concen: 101.815 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	35.0	52.4
71	40.4	33.2	49.8

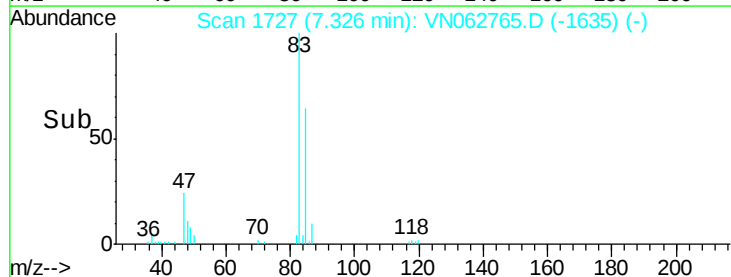
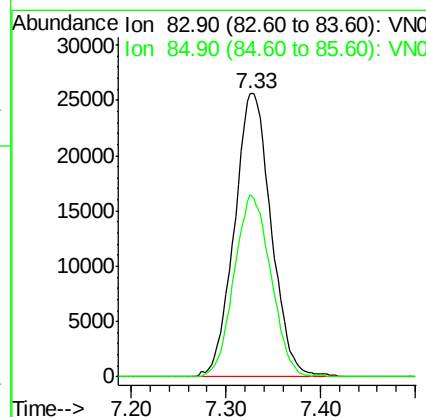
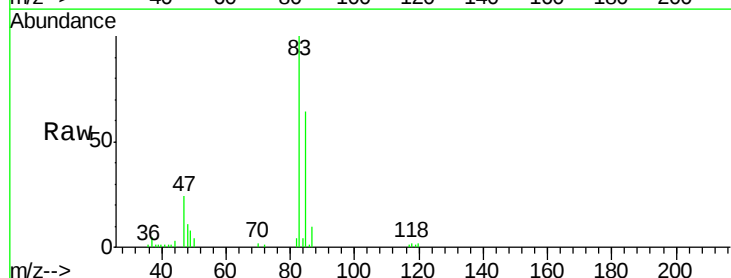
Manual Integrations
APPROVED

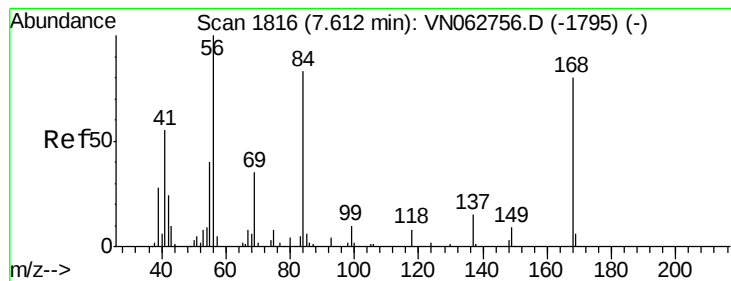
MMDadoda
8/7/2020 12:50:44 PM



#30
Chloroform
Concen: 18.534 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.7	79.1





#31

Cyclohexane

Concen: 18.954 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

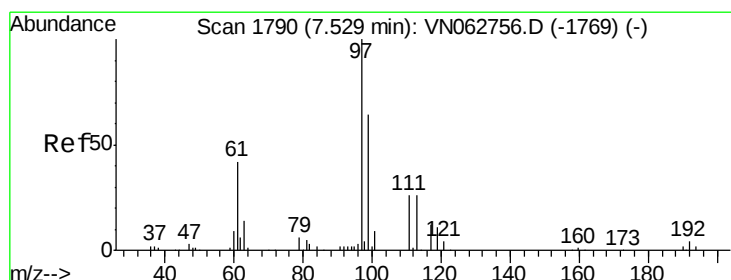
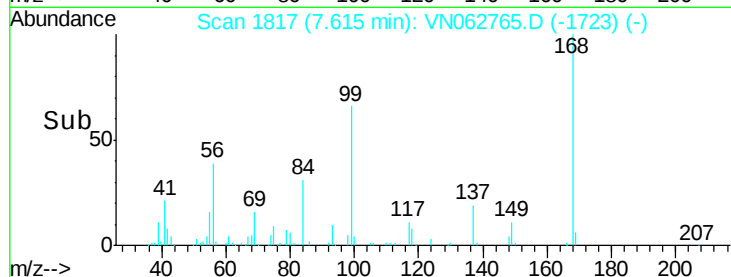
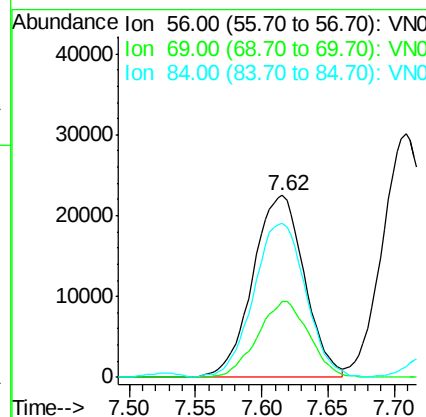
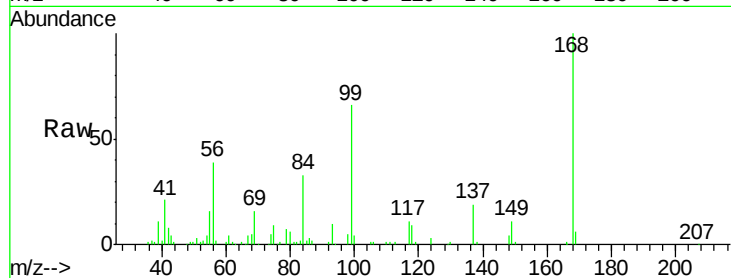
ClientSampleId :

VN0806WBSD01

Tot Ion:	56	Resp:	61161
Ion	Ratio	Lower	Upper
56	100		
69	41.6	28.1	42.1
84	84.5	66.8	100.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.328 ug/l

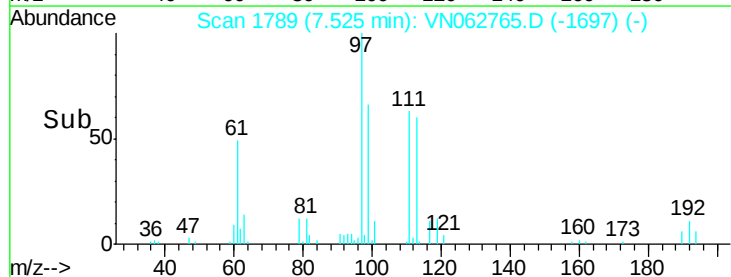
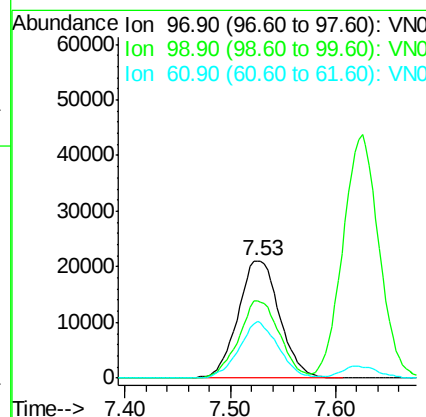
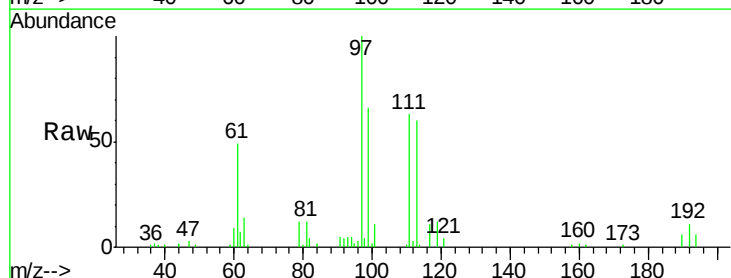
RT: 7.53 min Scan# 1789

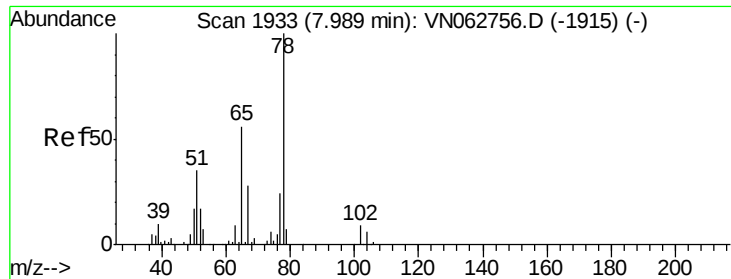
Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Tgt Ion:	97	Resp:	57875
Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.0	75.0
61	45.2	34.8	52.2





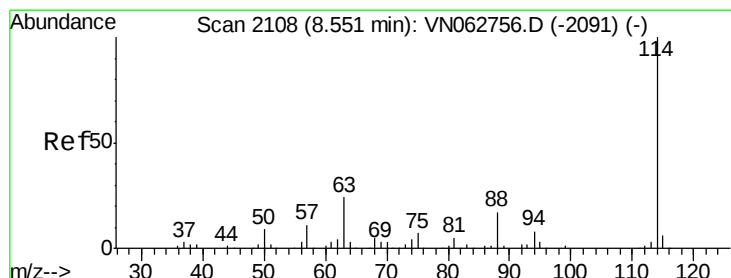
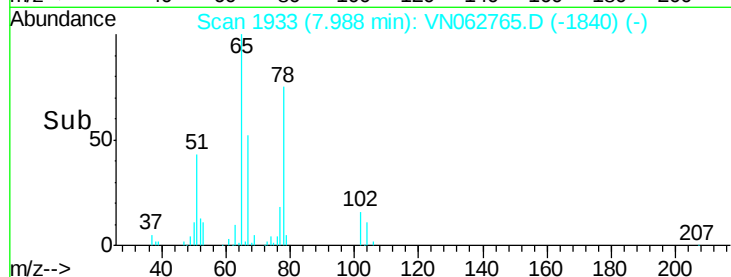
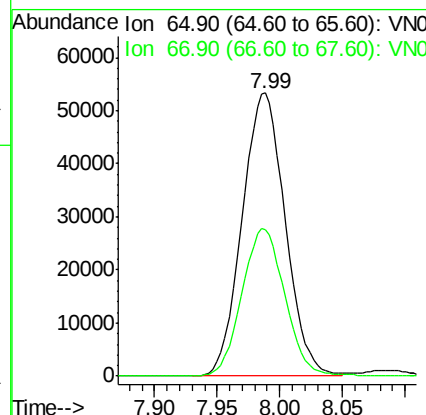
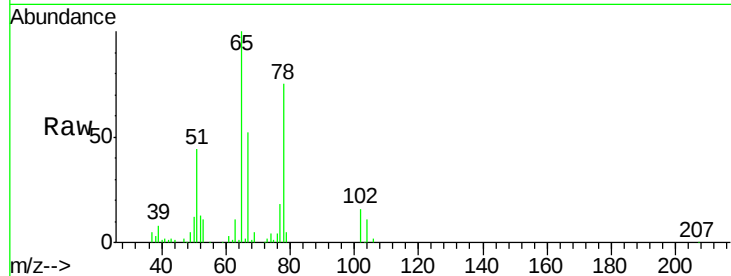
#33
 1,2-Dichloroethane-d4
 Concen: 47.817 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127265		
67	52.1	0.0	101.4	

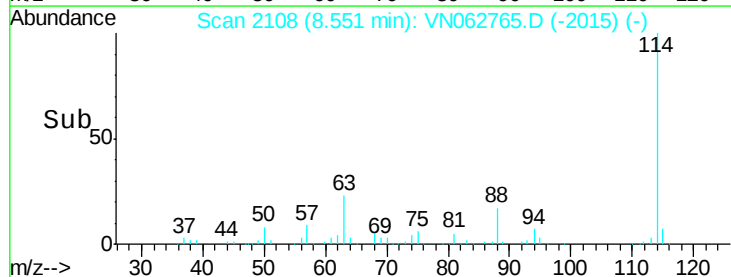
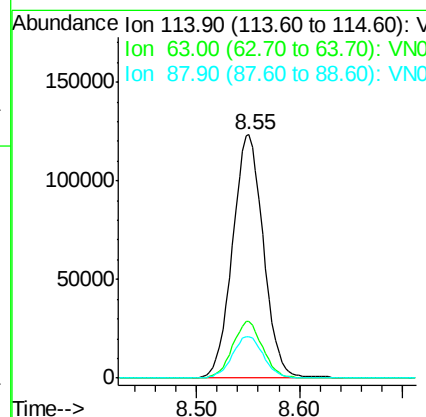
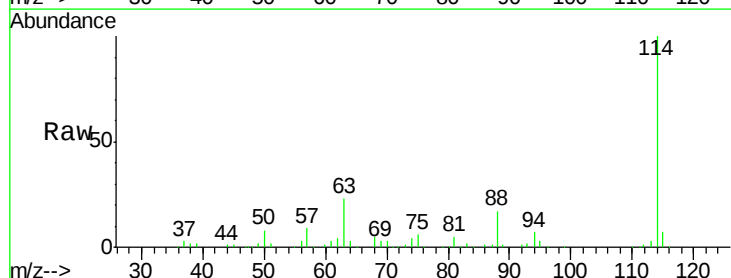
Manual Integrations
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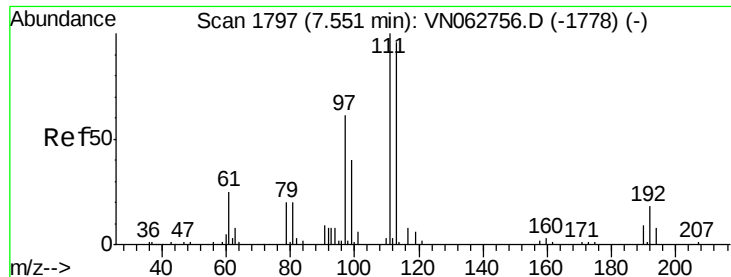
MMDadoda
 8/7/2020 12:50:44 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	257176		
63	23.5	0.0	47.6	
88	17.0	0.0	34.4	





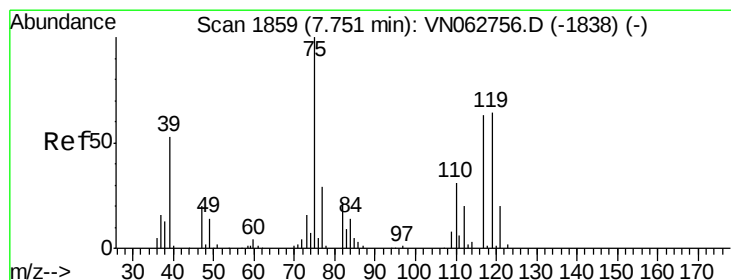
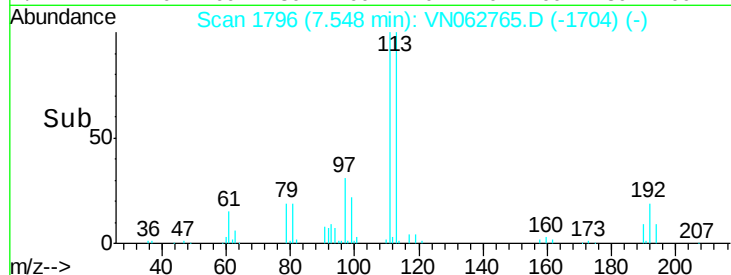
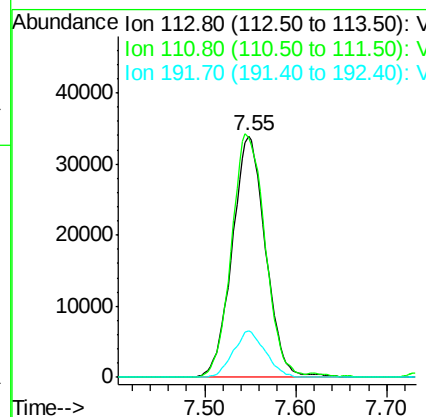
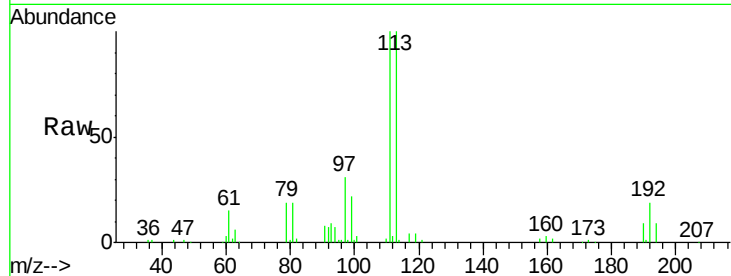
#35
Dibromofluoromethane
Concen: 49.011 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	86221		
111	101.7		81.8	122.6
192	18.4		15.0	22.4

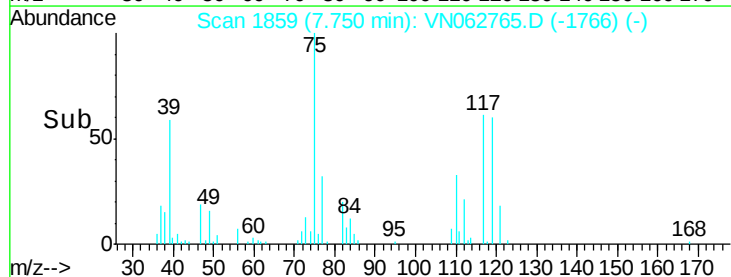
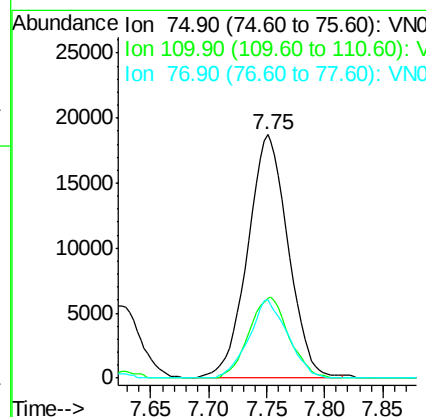
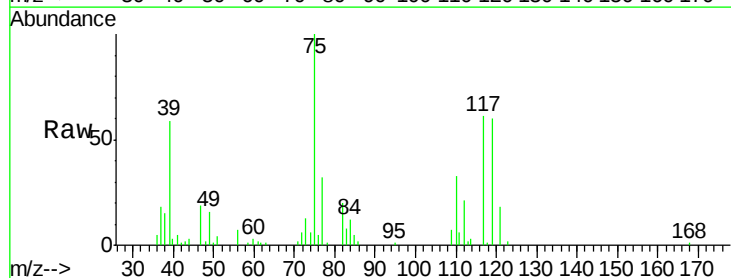
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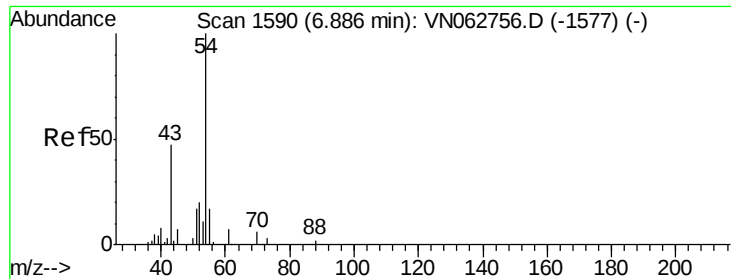
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8/7/2020 12:50:44 PM



#36
1,1-Dichloropropene
Concen: 18.187 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45542		
110	32.7		15.6	46.7
77	30.6		24.1	36.1





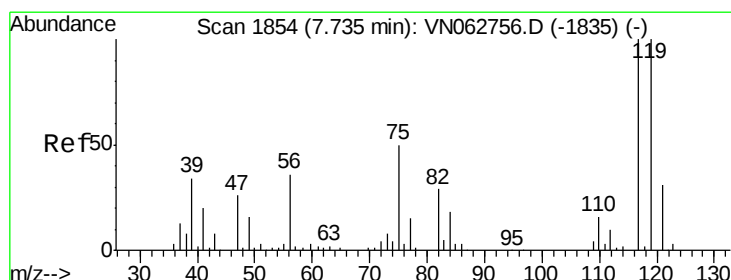
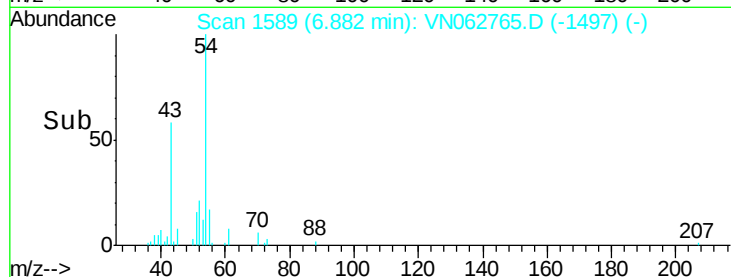
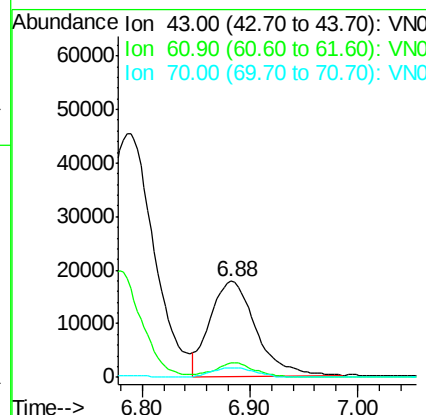
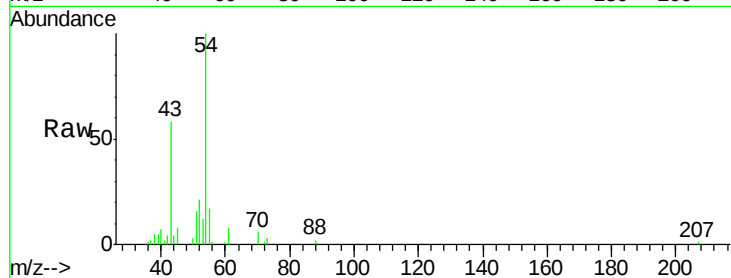
#37
Ethyl Acetate
Concen: 20.066 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	12.1	18.1
70	9.4	8.3	12.5

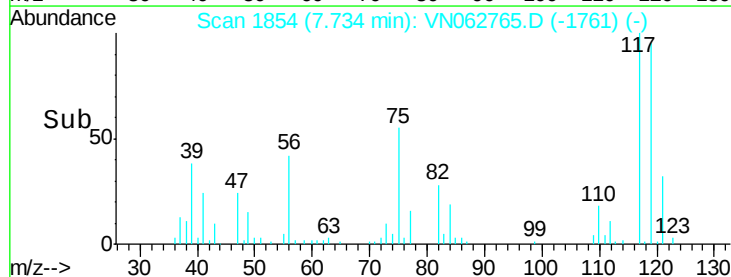
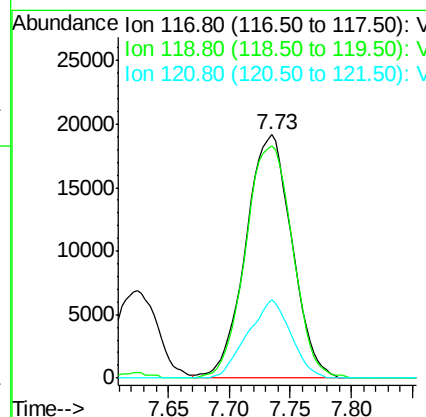
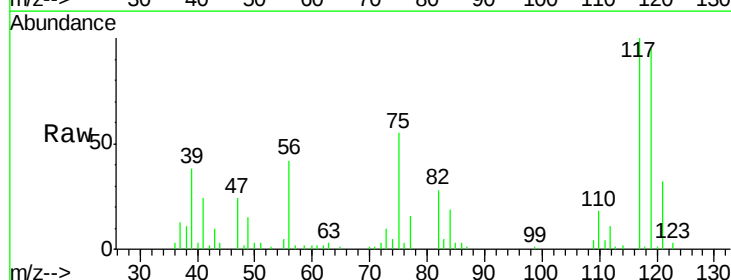
Manual Integrations
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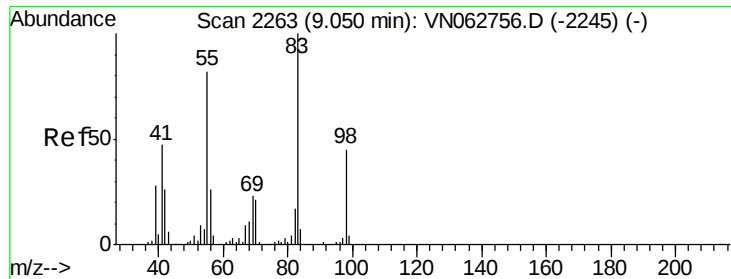
MMDadoda
8/7/2020 12:50:44 PM



#38
Carbon Tetrachloride
Concen: 16.995 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	79.4	119.2
121	32.2	24.9	37.3





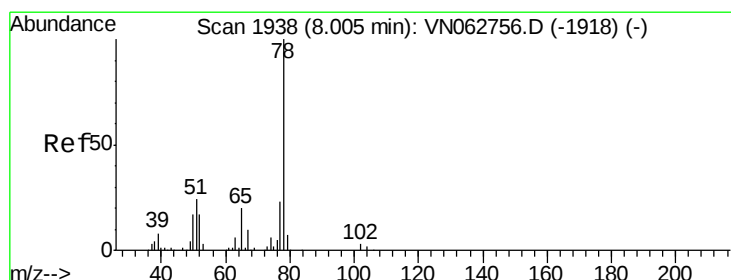
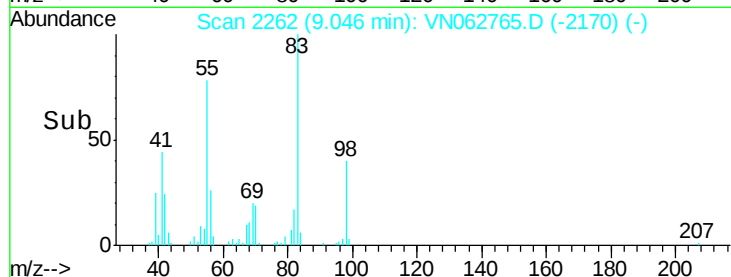
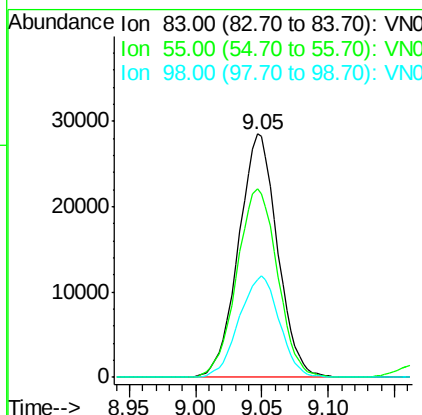
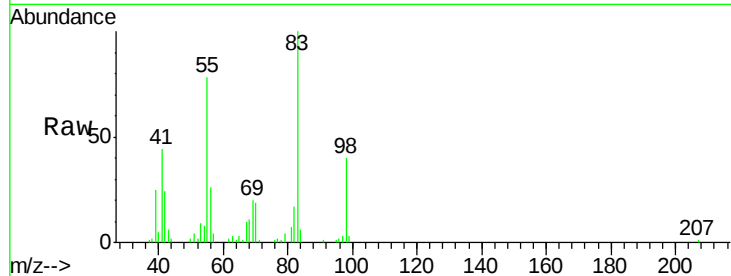
#39
Methvlcvclohexane
Concen: 19.324 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	65.7	98.5
98	40.3	35.6	53.4

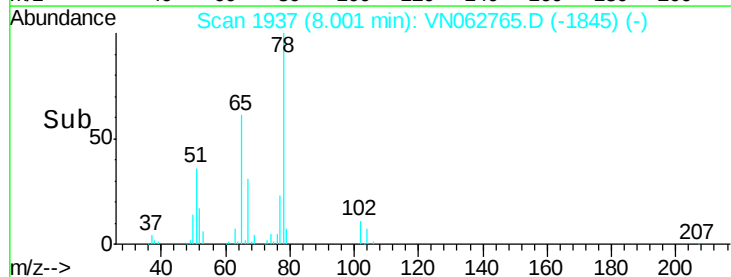
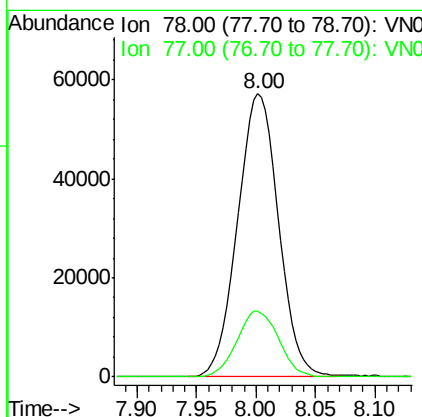
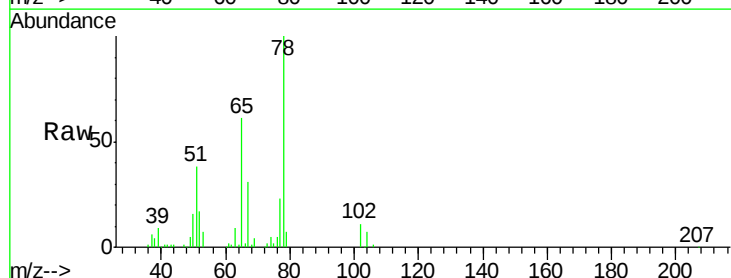
Manual Integrations
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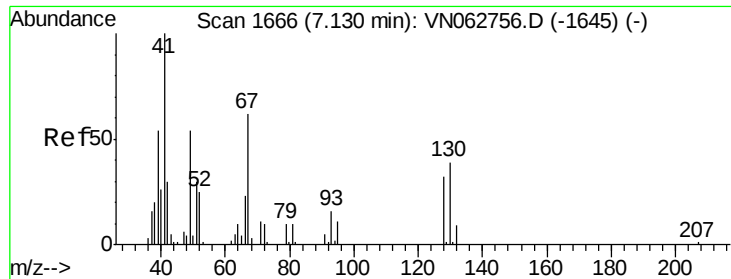
MMDadoda
8/7/2020 12:50:44 PM



#40
Benzene
Concen: 18.255 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.1	27.1





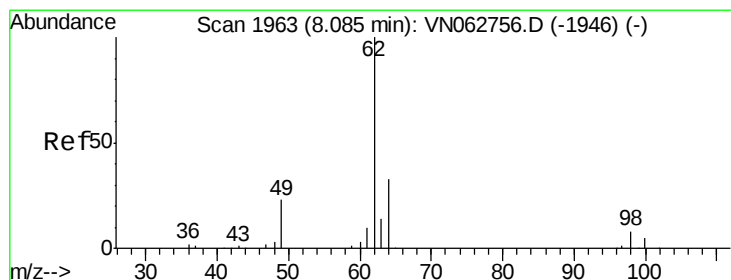
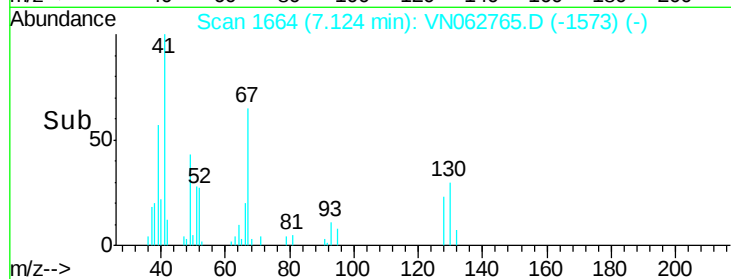
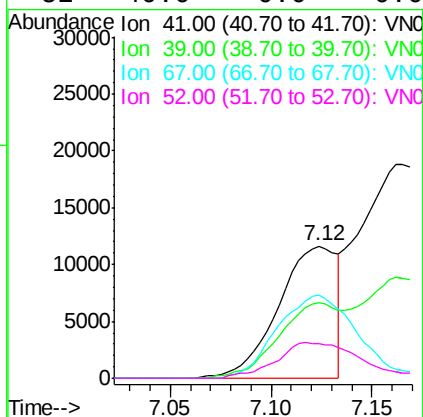
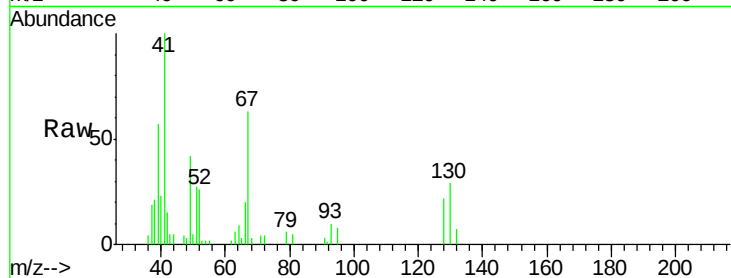
#41
Methacrylonitrile
Concen: 19.780 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	41	Resp	23348
Ion	Ratio	Lower	Upper
41	100		
39	56.7	69.4	104.2#
67	87.8	0.0	0.0#
52	40.0	0.0	0.0#

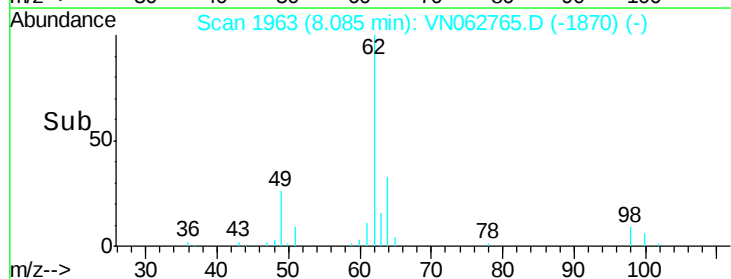
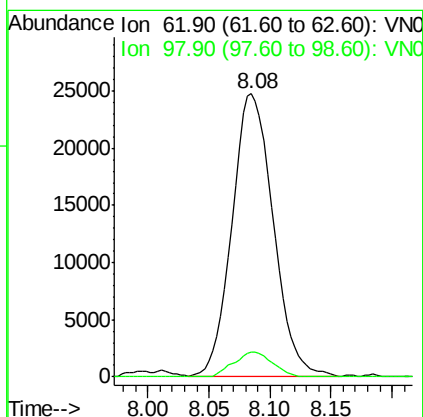
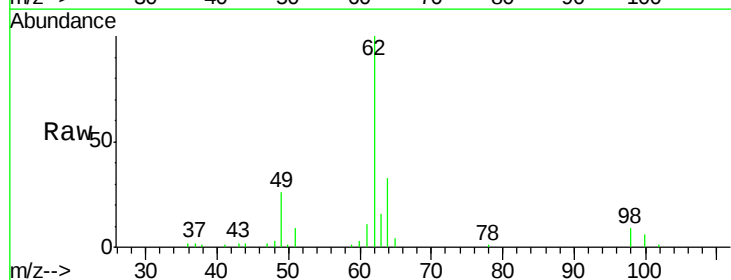
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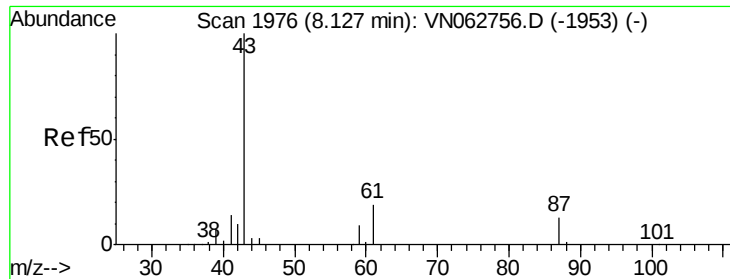
MMDadoda
8/7/2020 12:50:44 PM



#42
1,2-Dichloroethane
Concen: 18.295 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion	62	Resp	58186
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.8





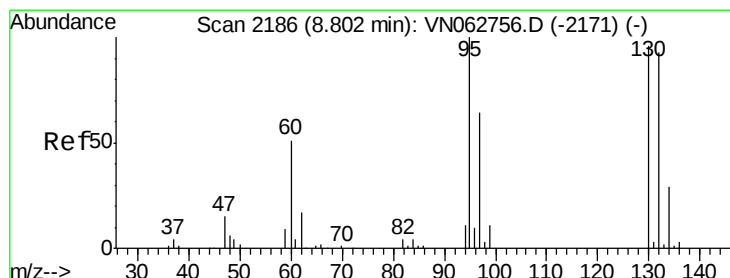
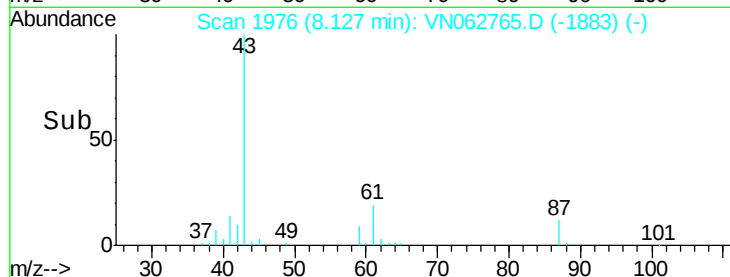
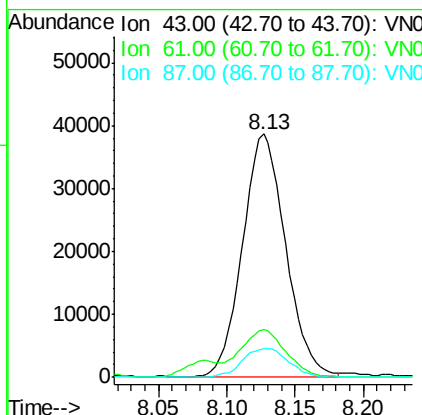
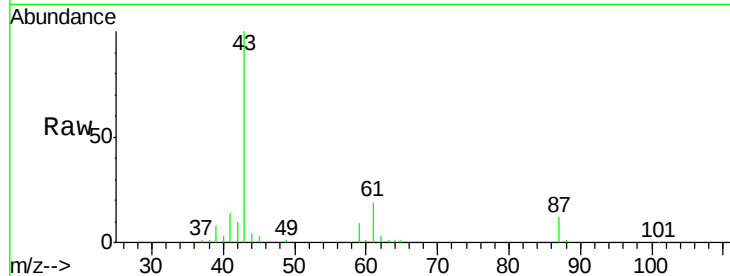
#43
Isopropyl Acetate
Concen: 19.499 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.8	23.6
87	12.6	9.9	14.9

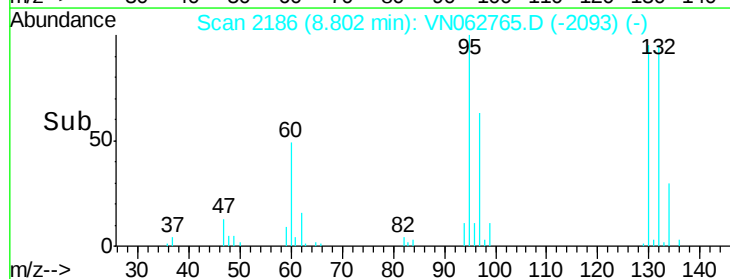
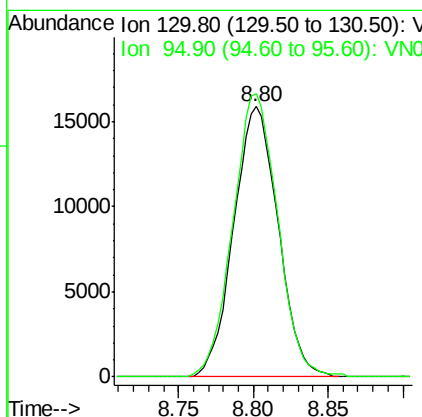
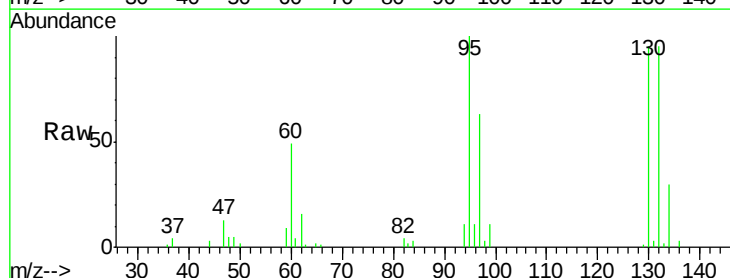
Manual Integrations
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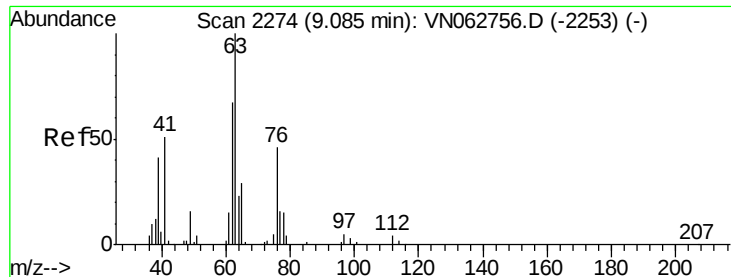
MMDadoda
8/7/2020 12:50:44 PM



#44
Trichloroethene
Concen: 18.018 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	207.6





#45

1,2-Dichloropropane

Concen: 19.111 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion: 63 Resp: 38650

Ion Ratio Lower Upper

63 100

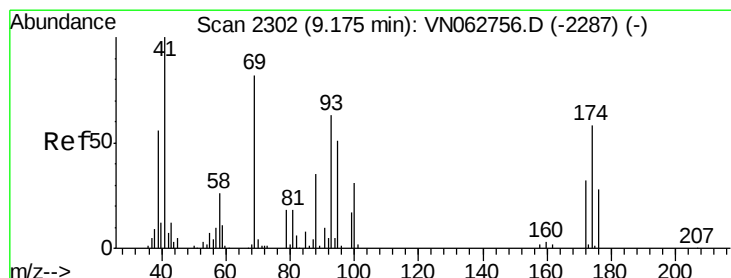
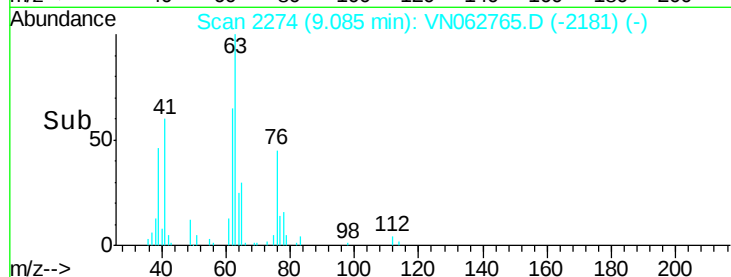
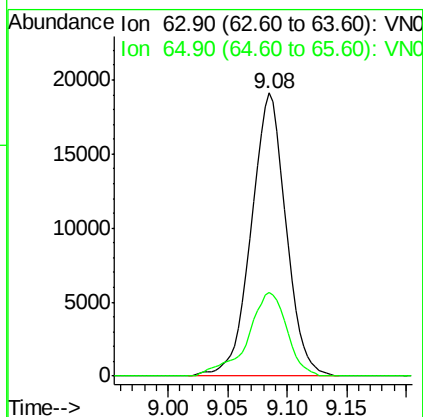
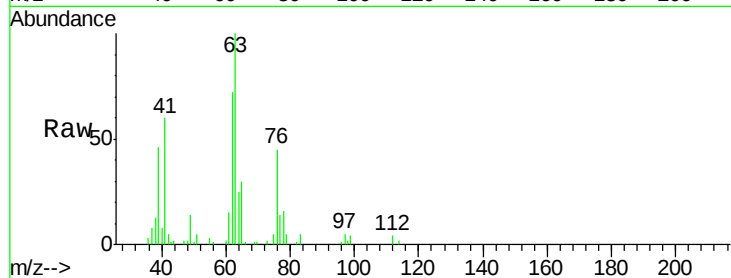
65 29.5 23.5 35.3

Manual Integrations

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8/7/2020 12:50:44 PM



#46

Dibromomethane

Concen: 19.483 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

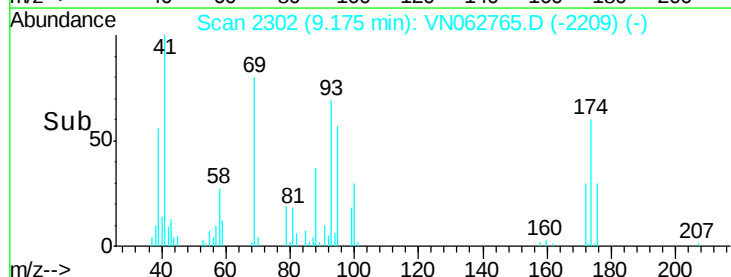
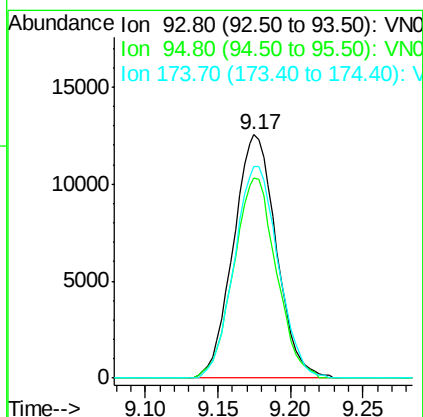
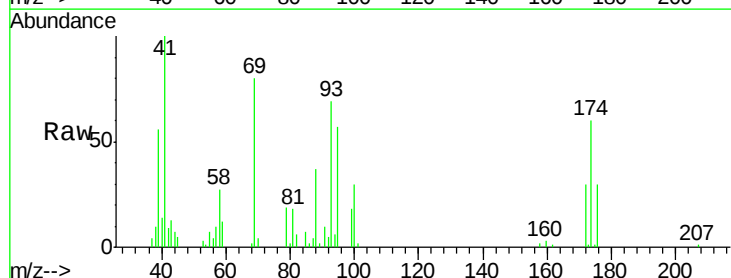
Tgt Ion: 93 Resp: 25817

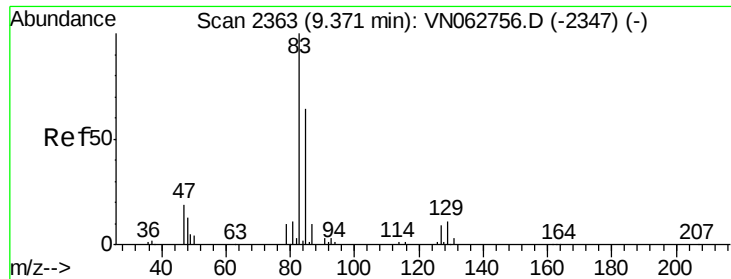
Ion Ratio Lower Upper

93 100

95 81.7 65.1 97.7

174 88.7 73.9 110.9





#47

Bromodichloromethane

Concen: 18.925 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

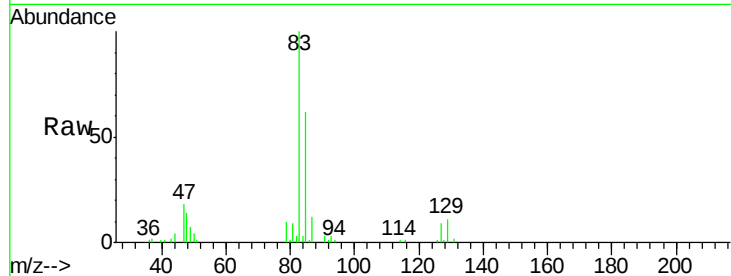
ClientSampleId :

VN0806WBSD01

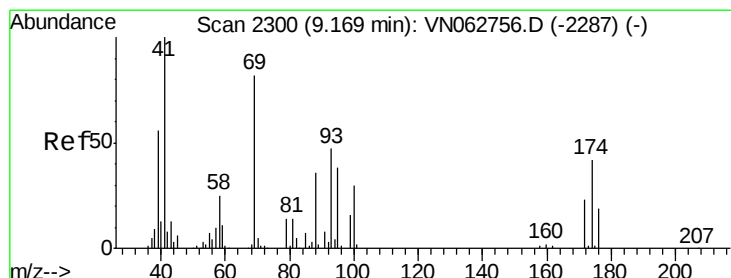
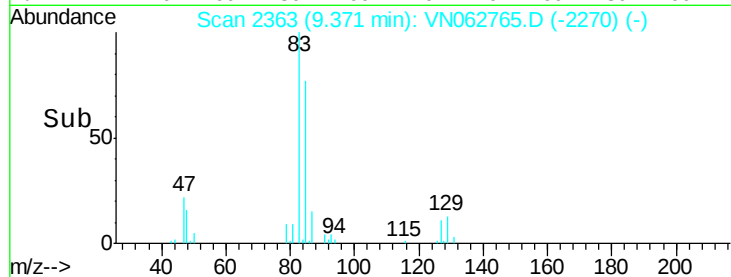
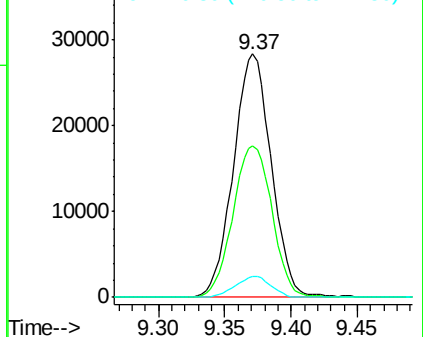
Tot Ion:	83	Resp:	56323
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.4	77.0
127	8.6	6.9	10.3

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.857 ug/l

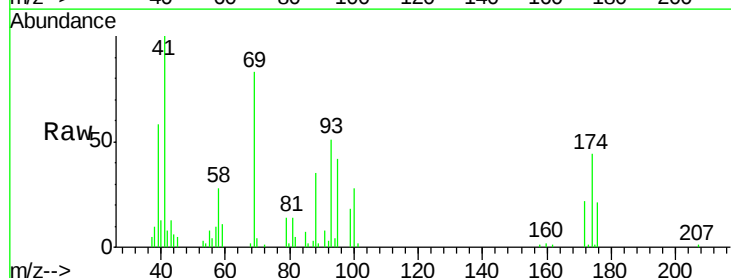
RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

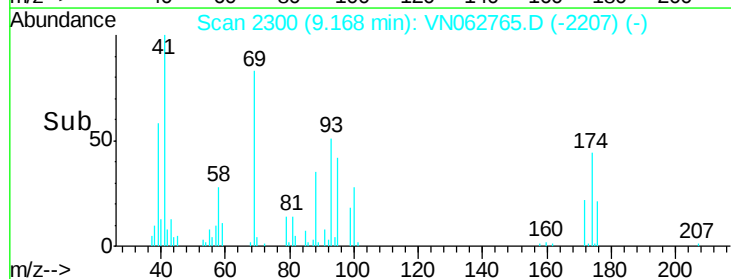
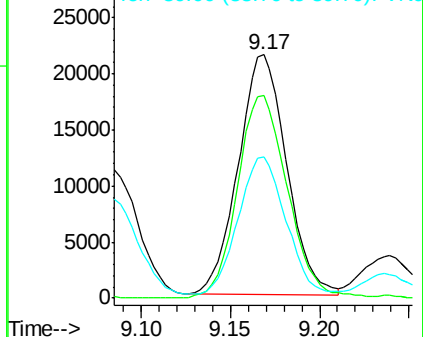
Lab File: VN062765.D

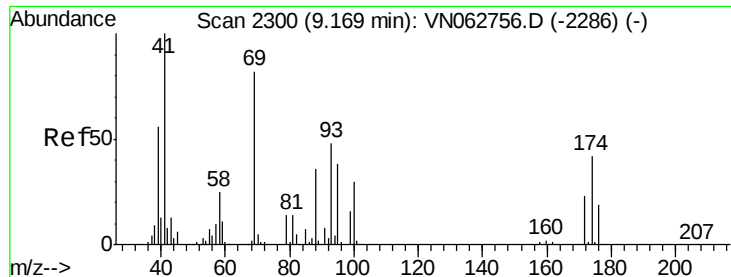
Acq: 6 Aug 2020 14:41

Tgt Ion:	41	Resp:	40469
Ion	Ratio	Lower	Upper
41	100		
69	87.2	67.4	101.2
39	56.7	47.6	71.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





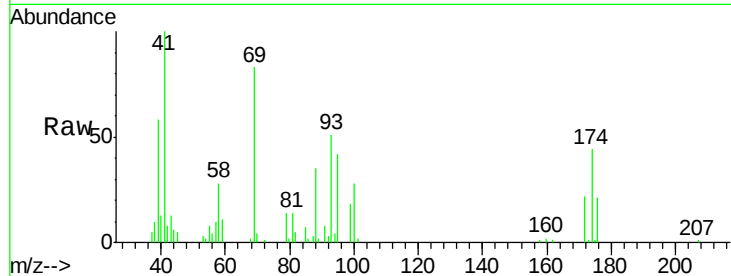
#49
1,4-Dioxane
Concen: 411.187 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

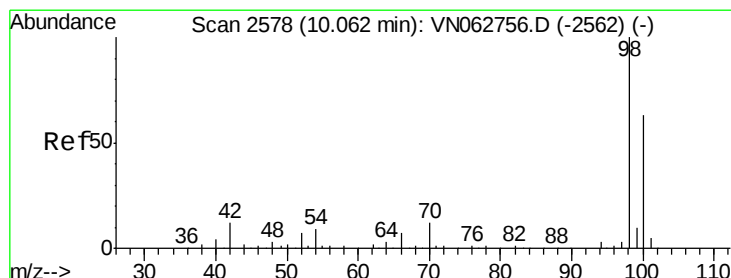
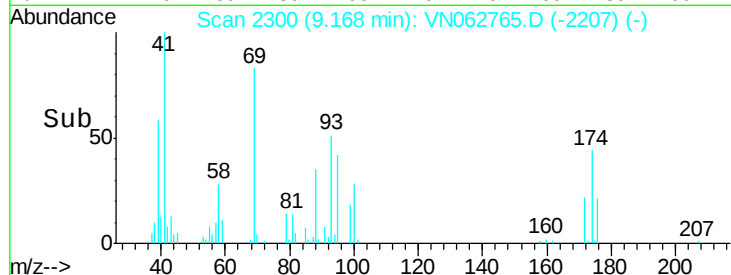
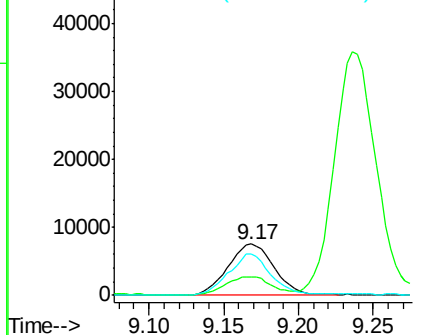
Tot Ion	Ratio	Lower	Upper
88	100		
43	36.5	29.5	44.3
58	73.3	59.8	89.8

Manual Integrations
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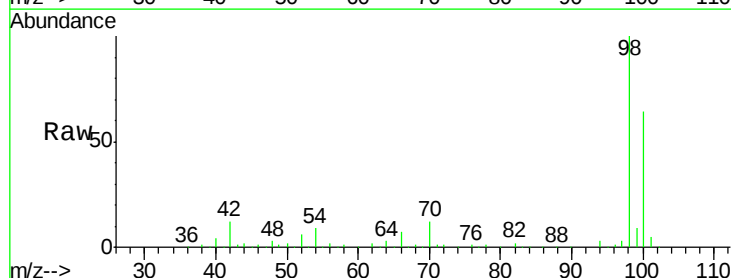


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

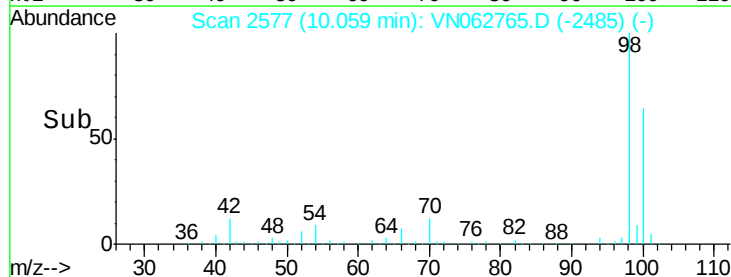
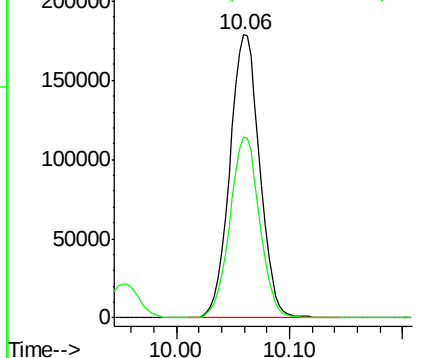


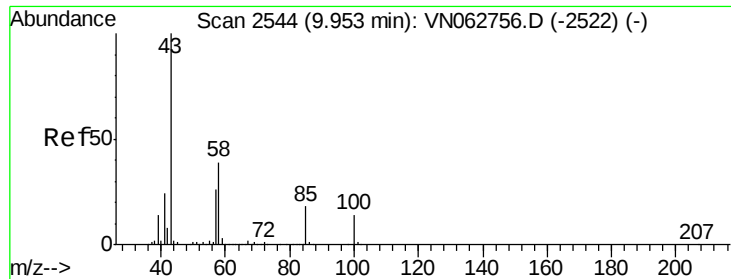
#50
Toluene-d8
Concen: 47.780 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 101.217 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

VN0806WBSD01

Tot Ion: 43 Resp: 285736

Ion Ratio Lower Upper

43 100

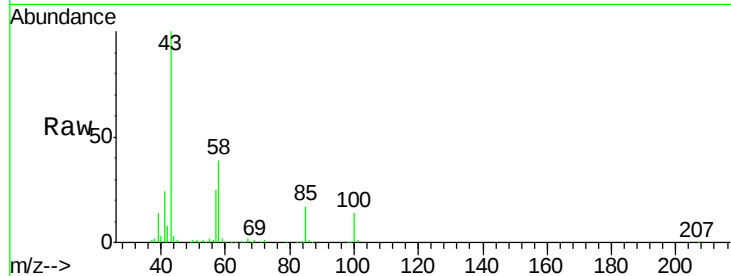
58 38.4 31.1 46.7

Manual Integrations

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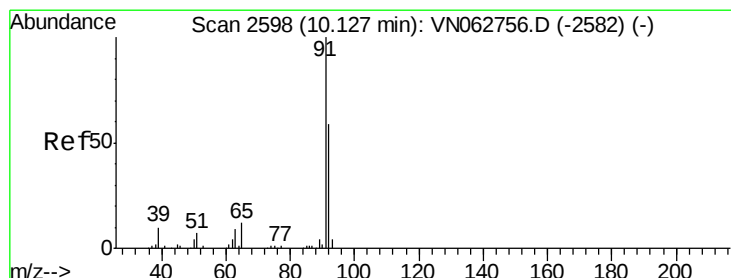
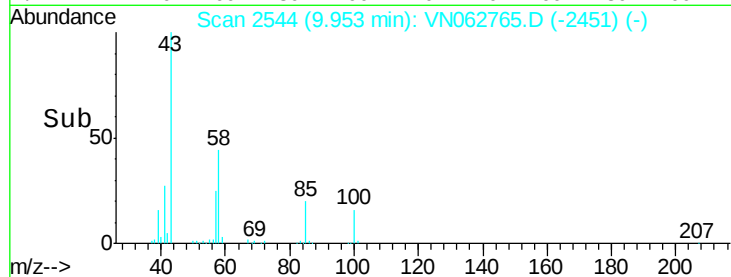
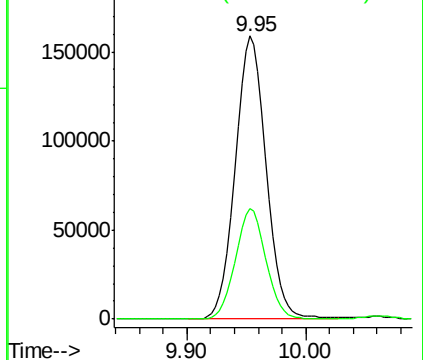
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.138 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062765.D

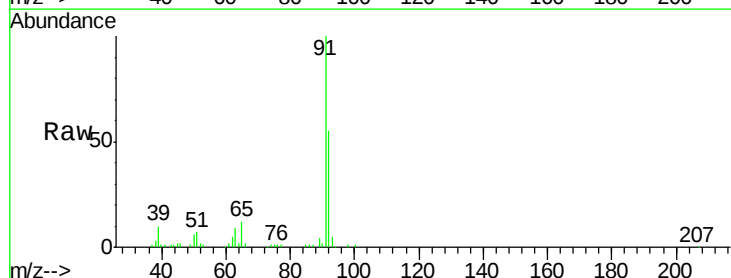
Acq: 6 Aug 2020 14:41

Tgt Ion: 92 Resp: 83685

Ion Ratio Lower Upper

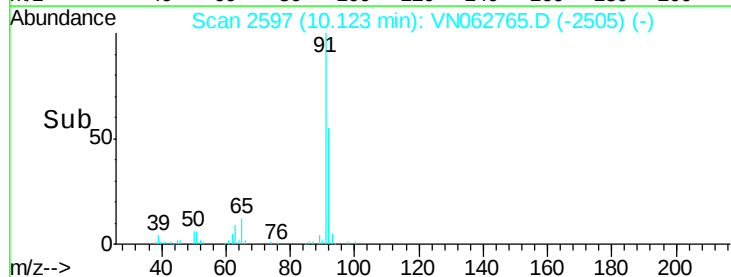
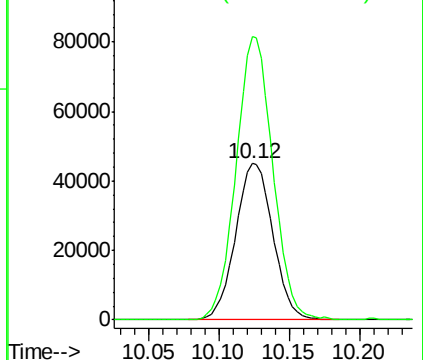
92 100

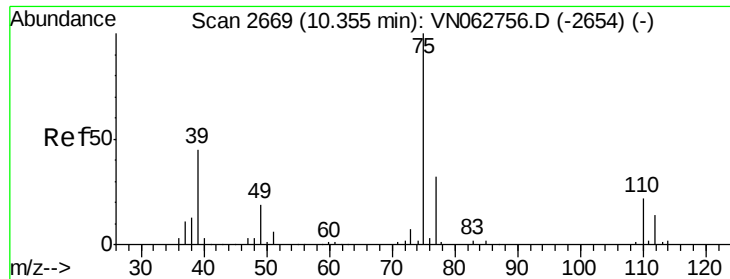
91 178.2 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





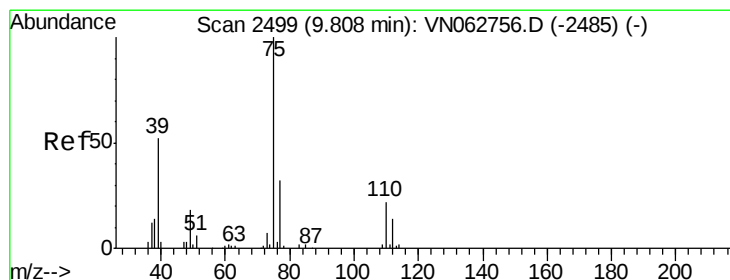
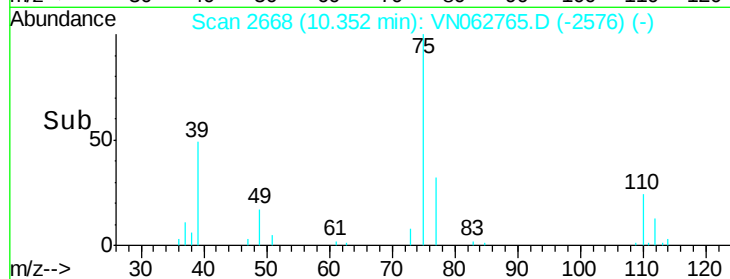
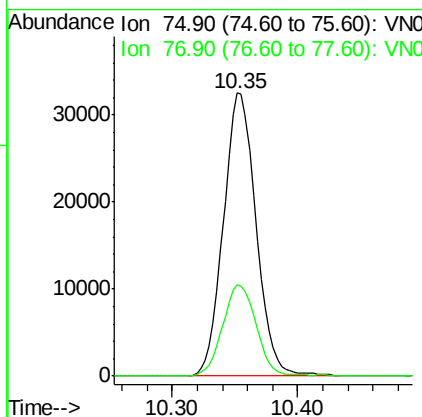
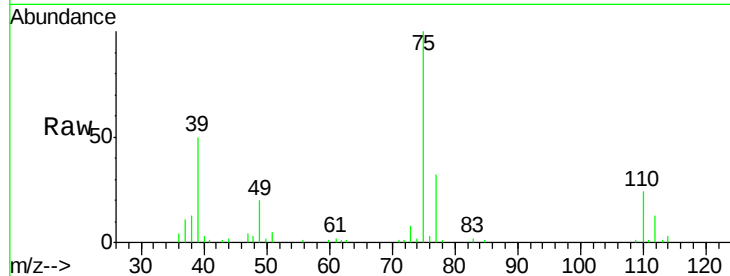
#53
t-1,3-Dichloropropene
Concen: 17.988 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion: 75 Resp: 58886
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2

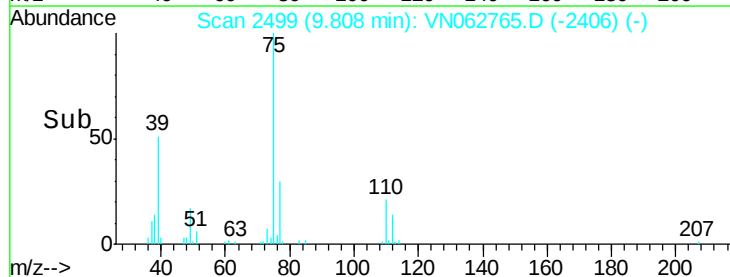
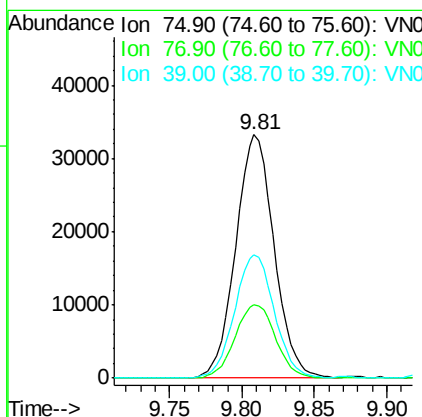
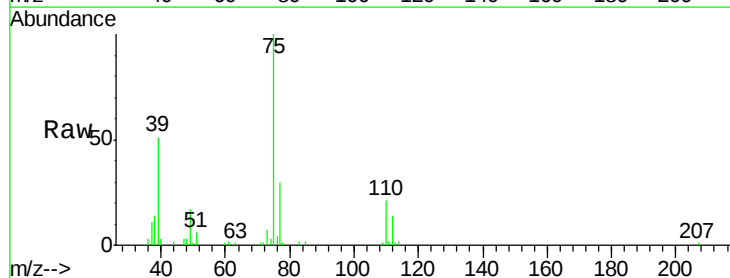
Manual Integrations
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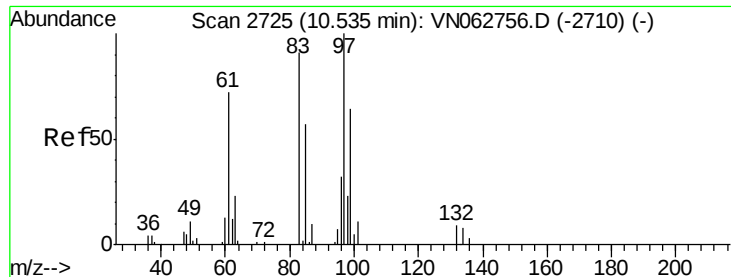
MMDadoda
8/7/2020 12:50:44 PM



#54
cis-1,3-Dichloropropene
Concen: 18.618 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 75 Resp: 61193
Ion Ratio Lower Upper
75 100
77 30.1 25.5 38.3
39 50.8 41.9 62.9





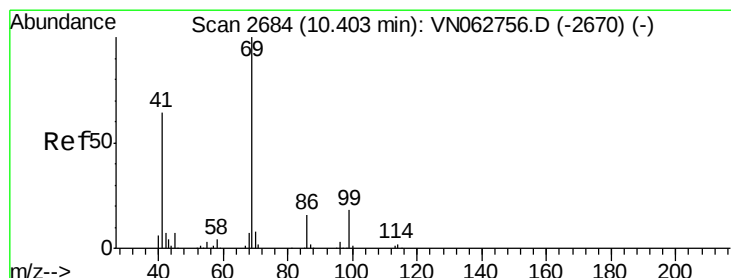
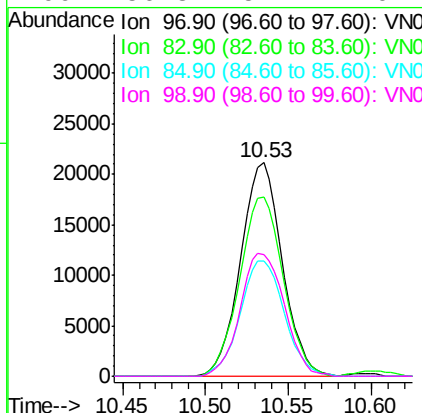
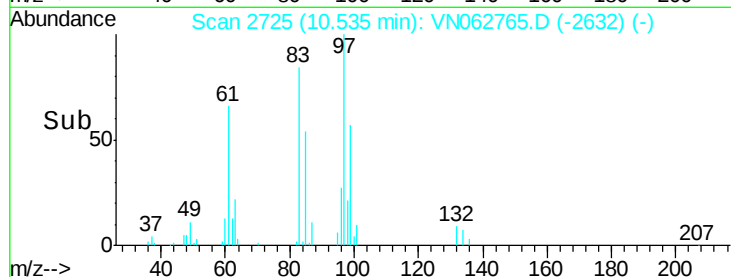
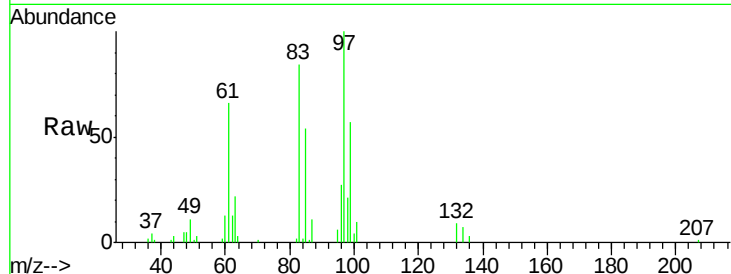
#55
 1,1,2-Trichloroethane
 Concen: 18.811 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Tot Ion:	97	Resp:	37067
Ion	Ratio	Lower	Upper
97	100		
83	83.7	72.6	108.8
85	53.7	46.0	69.0
99	56.8	51.1	76.7

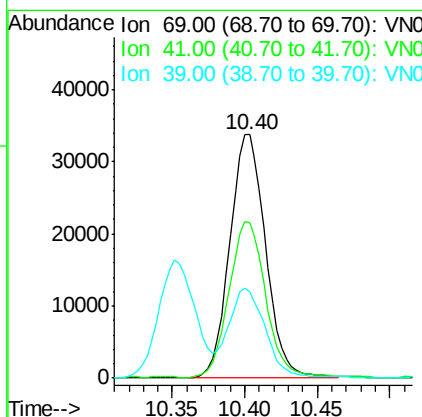
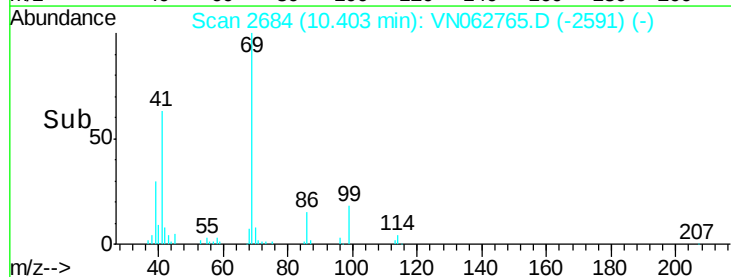
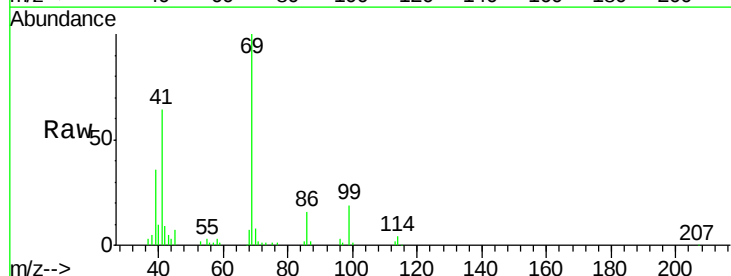
Manual Integrations
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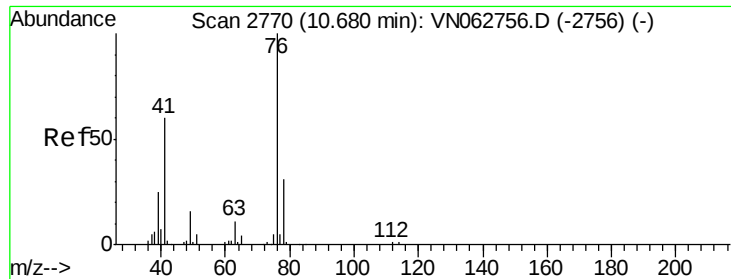
MMDadoda
 8/7/2020 12:50:44 PM



#56
 Ethyl methacrylate
 Concen: 19.544 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion:	69	Resp:	57965
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.2	78.2
39	37.3	30.9	46.3





#57

1,3-Dichloropropane

Concen: 19.000 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion: 76 Resp: 63613

Ion Ratio Lower Upper

76 100

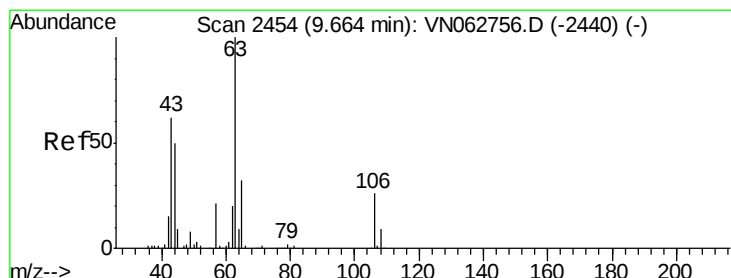
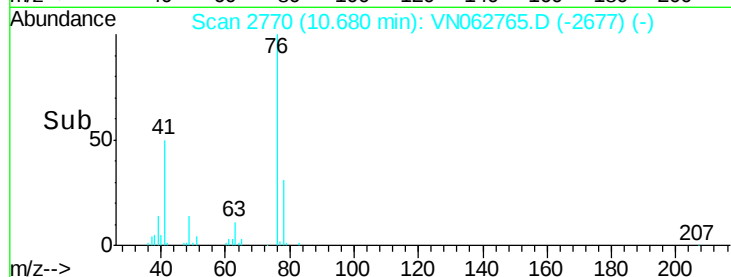
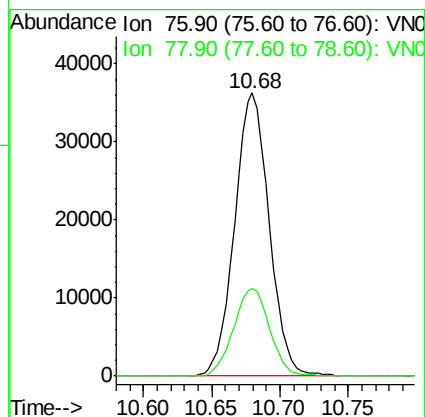
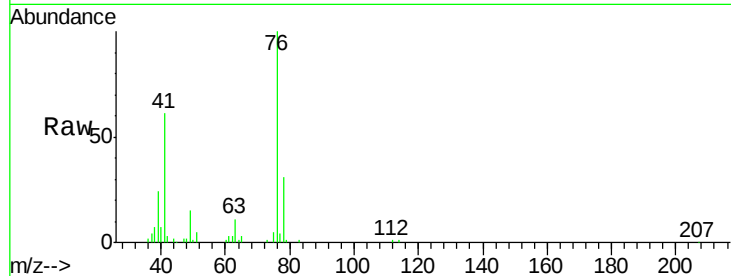
78 32.3 25.4 38.0

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#58

2-Chloroethyl Vinyl ether

Concen: 96.058 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062765.D

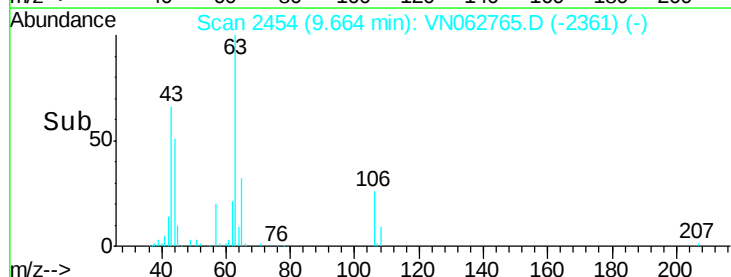
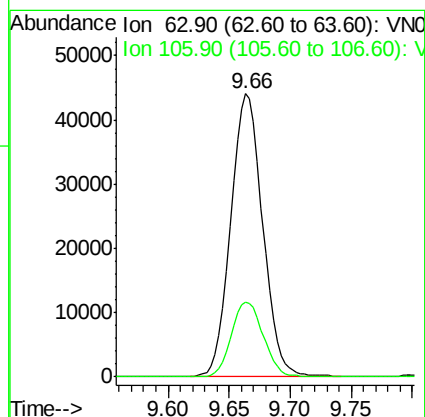
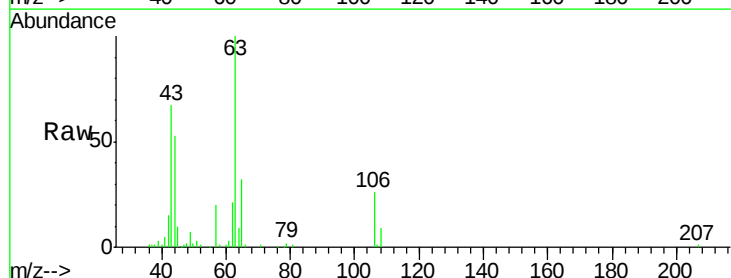
Acq: 6 Aug 2020 14:41

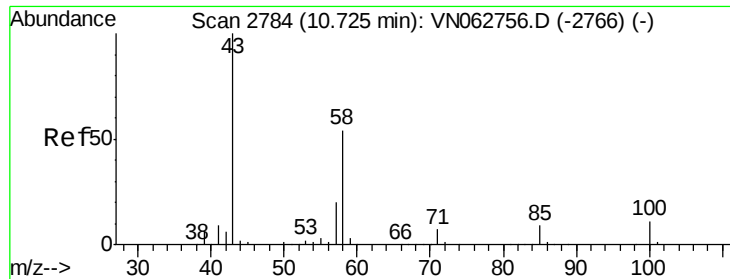
Tgt Ion: 63 Resp: 80531

Ion Ratio Lower Upper

63 100

106 26.2 20.9 31.3





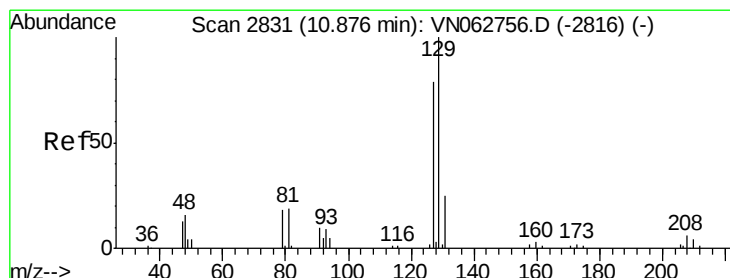
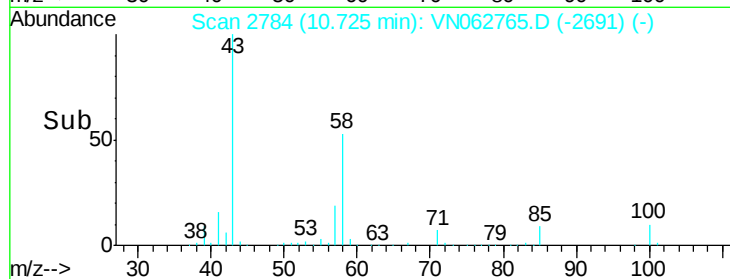
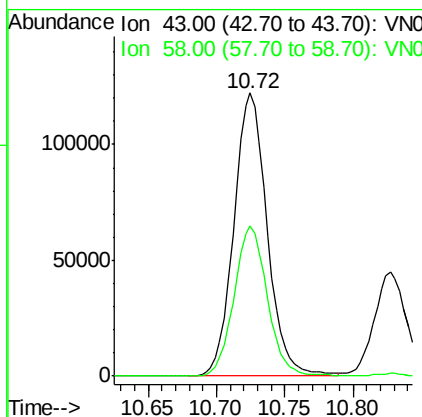
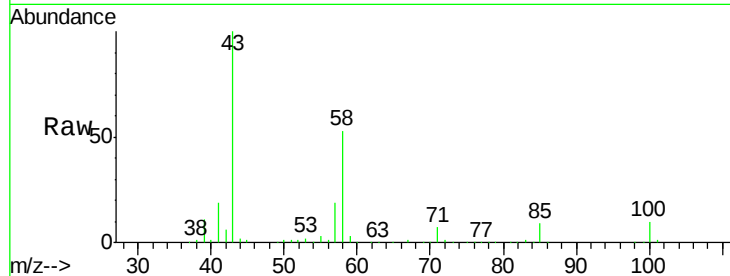
#59
2-Hexanone
Concen: 98.574 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion: 43 Resp: 207577
Ion Ratio Lower Upper
43 100
58 53.0 26.7 80.1

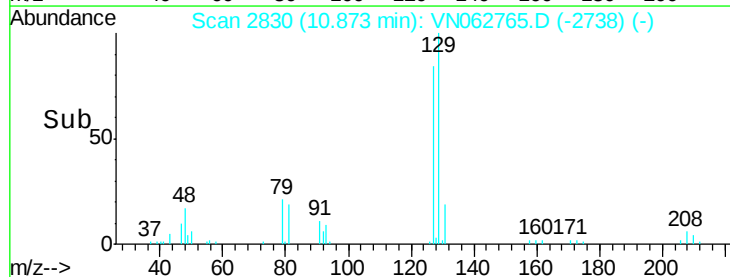
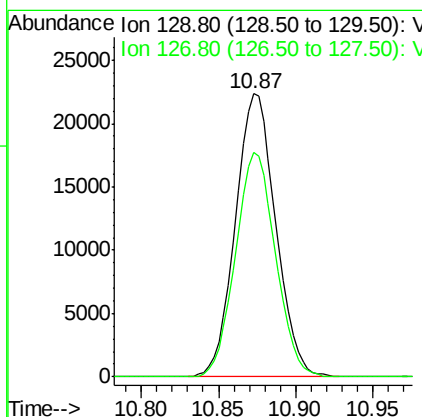
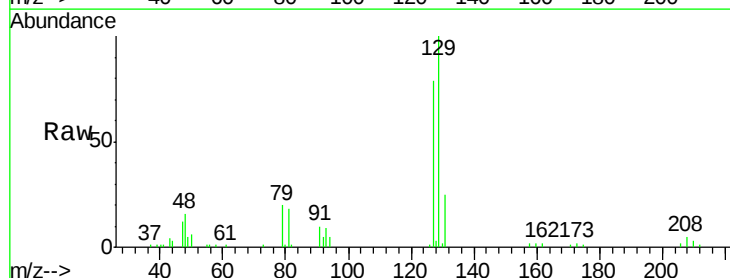
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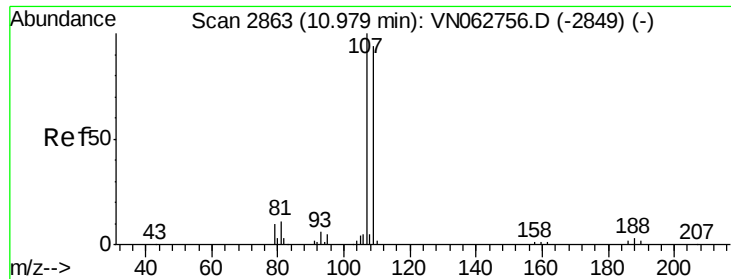
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#60
Dibromochloromethane
Concen: 18.004 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion: 129 Resp: 40484
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.034 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion:107 Resp: 37009

Ion Ratio Lower Upper

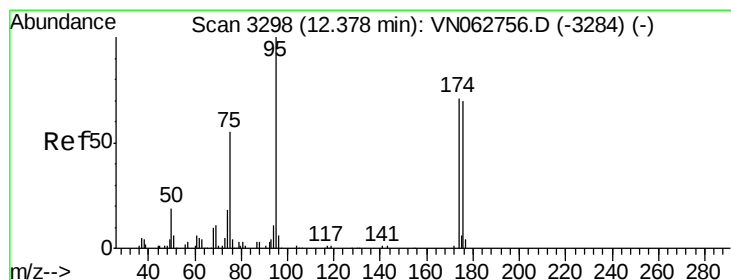
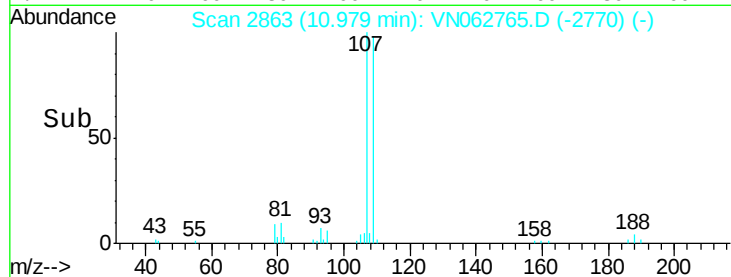
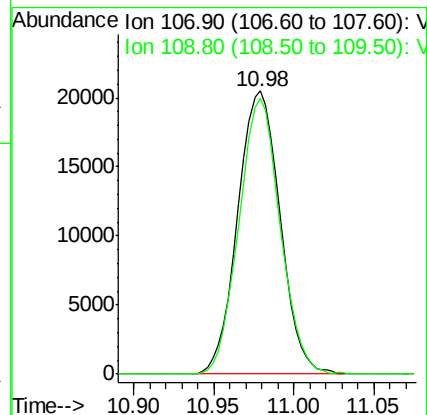
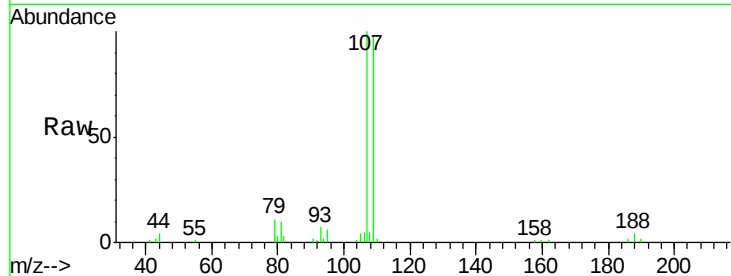
107 100

109 94.8 76.1 114.1

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 47.897 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

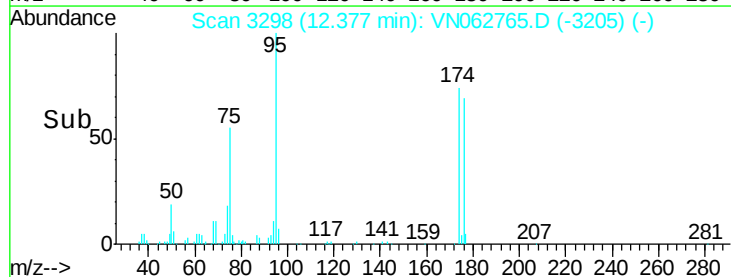
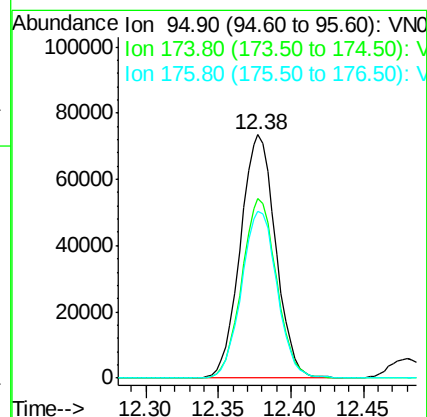
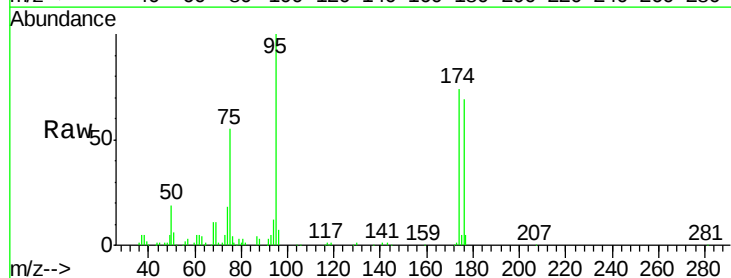
Tgt Ion: 95 Resp: 124317

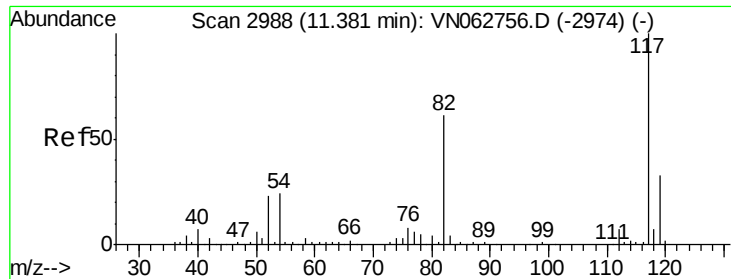
Ion Ratio Lower Upper

95 100

174 73.0 0.0 144.8

176 69.0 0.0 142.2





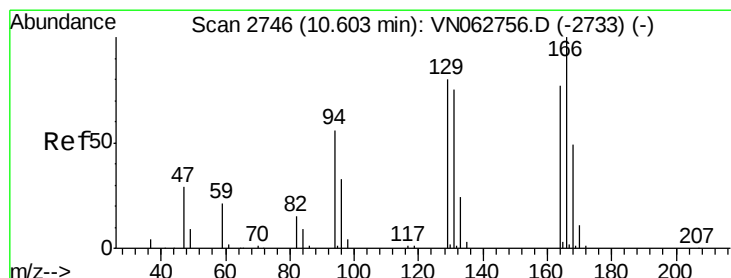
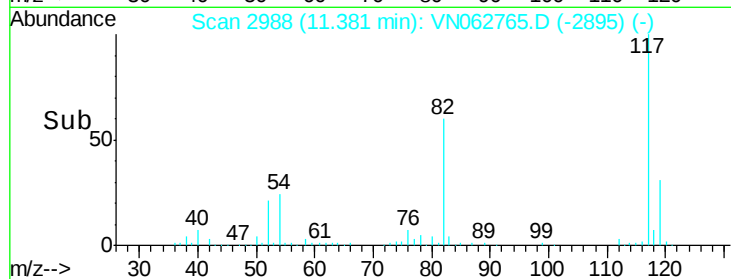
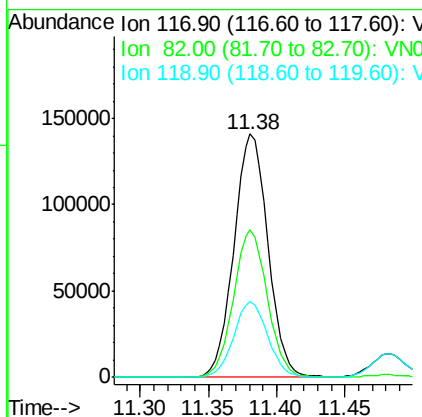
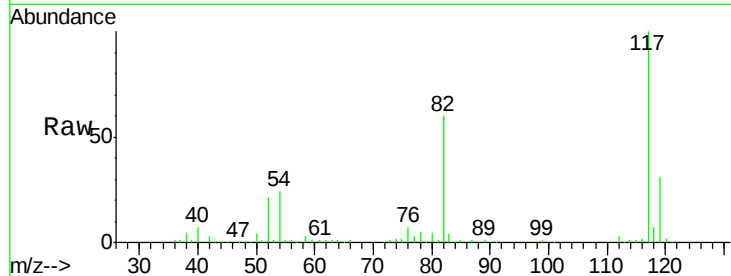
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	49.0	73.4
119	30.9	26.2	39.2

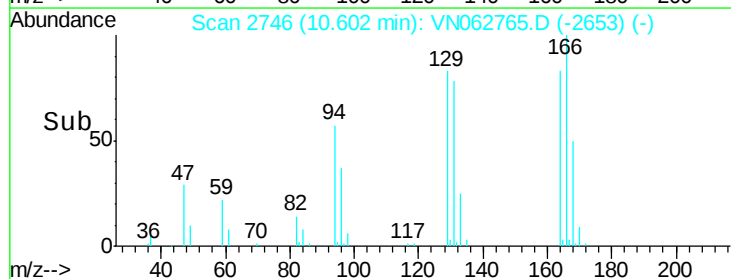
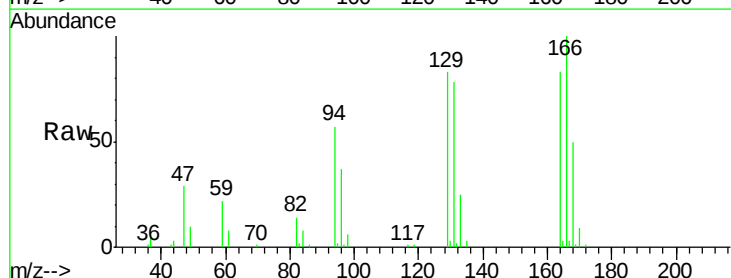
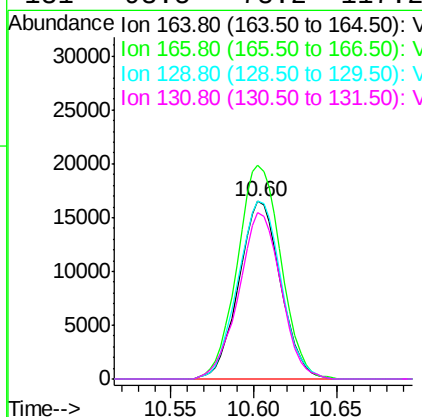
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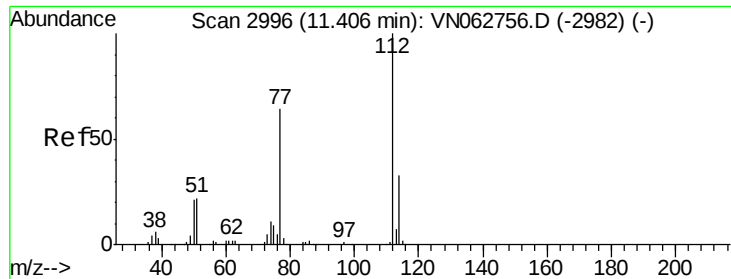
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#64
Tetrachloroethene
Concen: 18.382 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.4	103.8	155.8
129	100.0	82.7	124.1
131	93.5	78.2	117.2





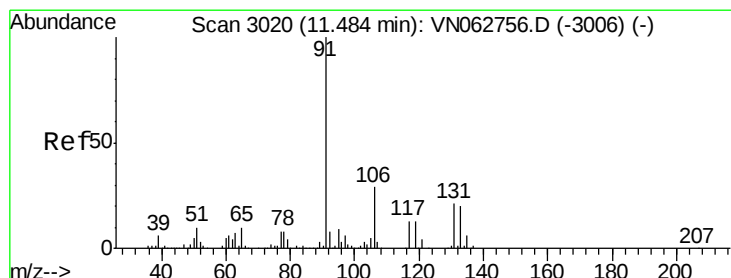
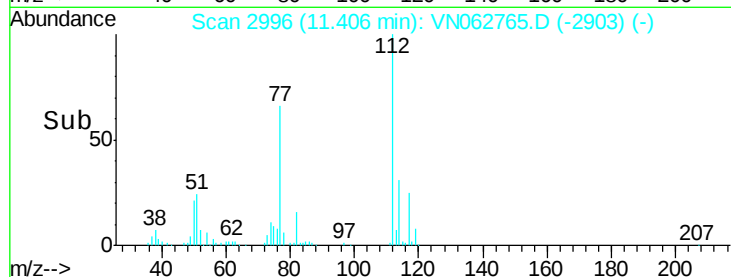
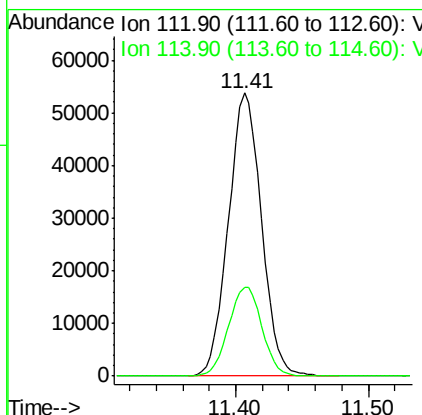
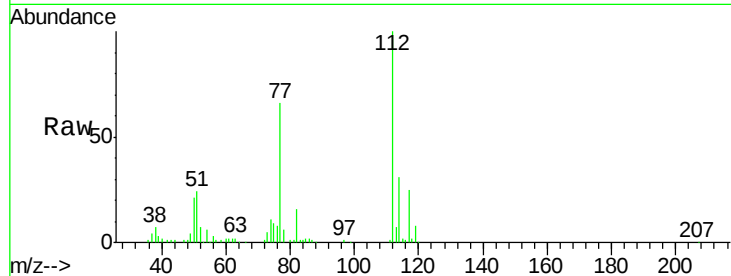
#65
Chlorobenzene
Concen: 18.286 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion:112 Resp: 93355
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4

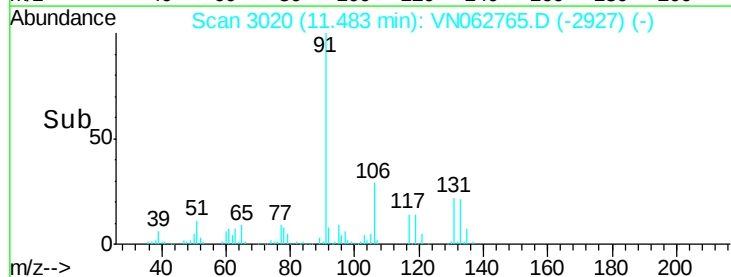
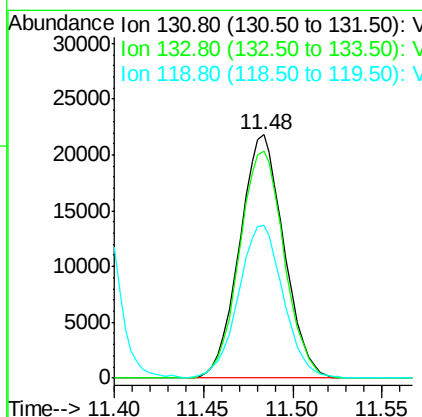
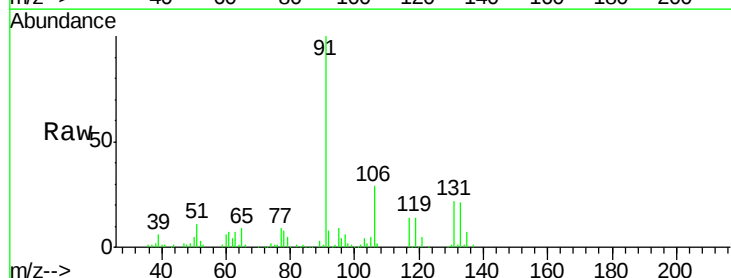
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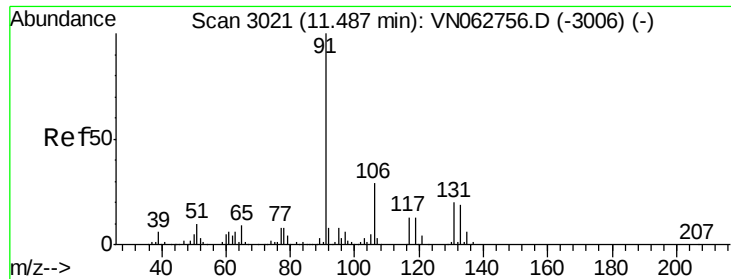
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.475 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion:131 Resp: 37878
Ion Ratio Lower Upper
131 100
133 94.0 48.6 145.8
119 63.8 32.2 96.6





#67

Ethyl Benzene

Concen: 18.355 ug/l

RT: 11.49 min Scan# 3021

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

VN0806WBSD01

Tot Ion: 91 Resp: 167689

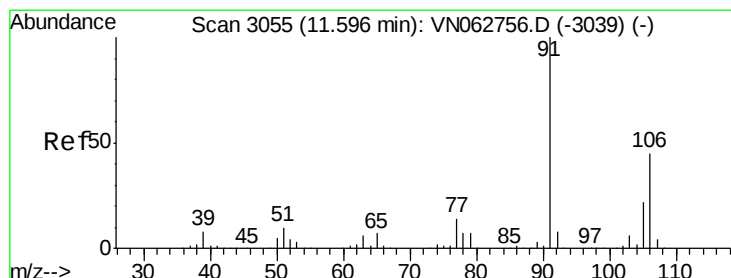
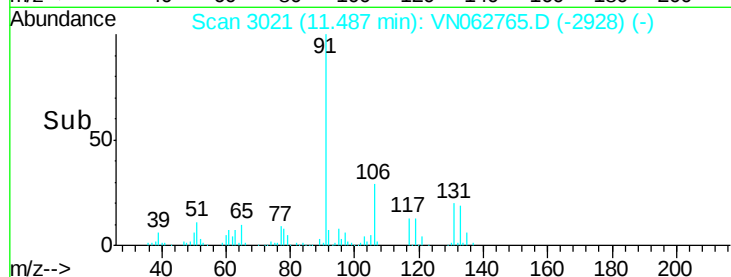
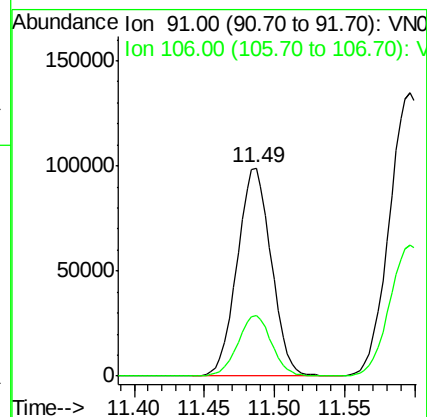
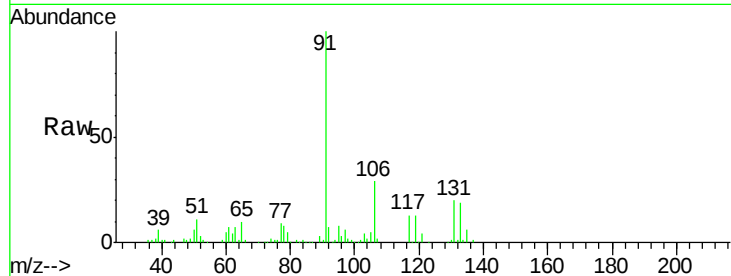
Ion Ratio Lower Upper

91 100

106 29.0 23.2 34.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 37.084 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062765.D

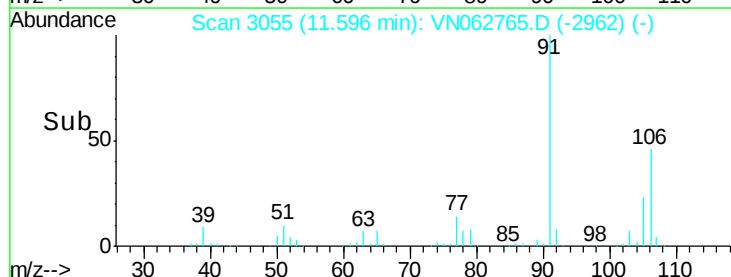
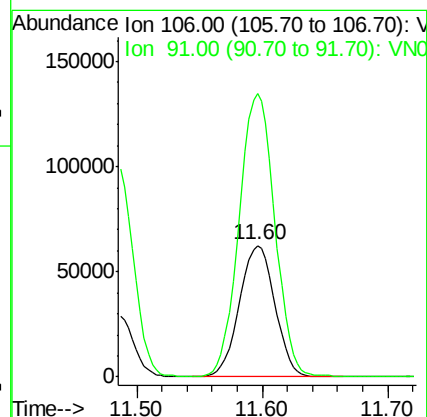
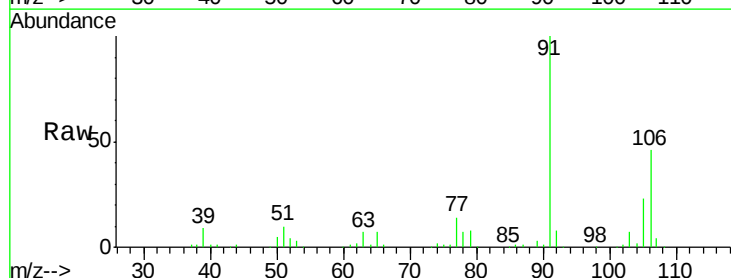
Acq: 6 Aug 2020 14:41

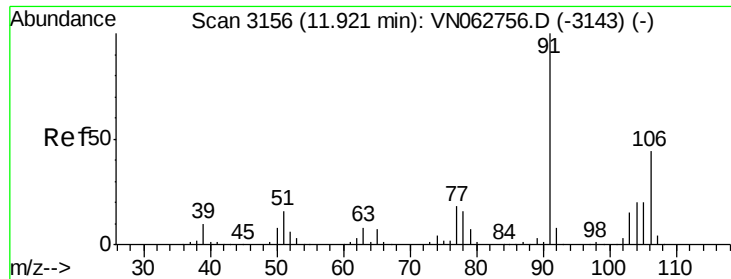
Tgt Ion: 106 Resp: 122984

Ion Ratio Lower Upper

106 100

91 217.4 175.9 263.9





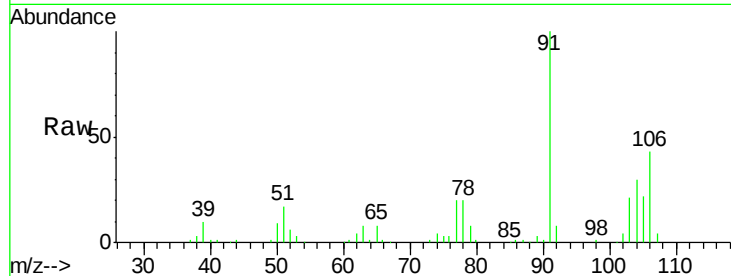
#69
o-Xylene
Concen: 18.342 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

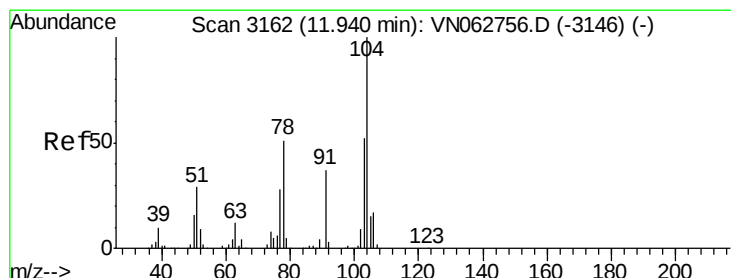
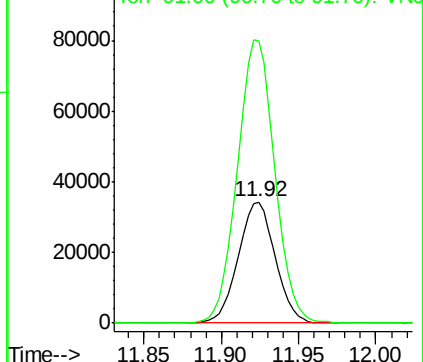
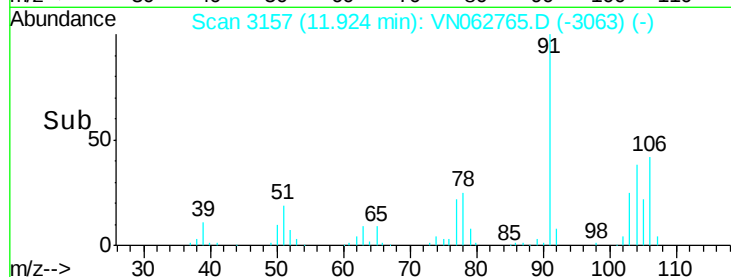
Tot Ion:106 Resp: 57006
Ion Ratio Lower Upper
106 100
91 236.3 115.8 347.4

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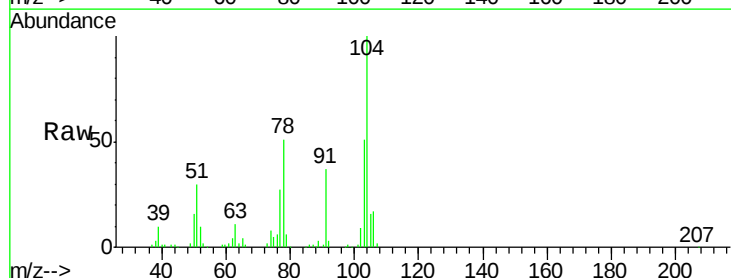


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

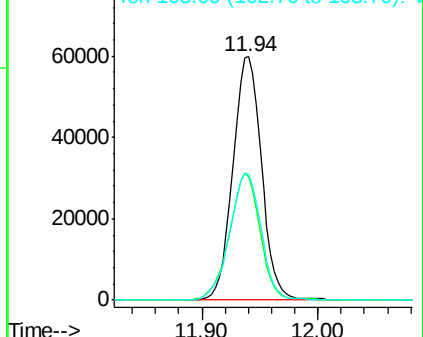
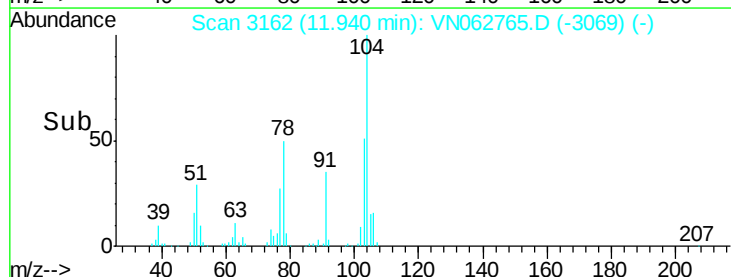


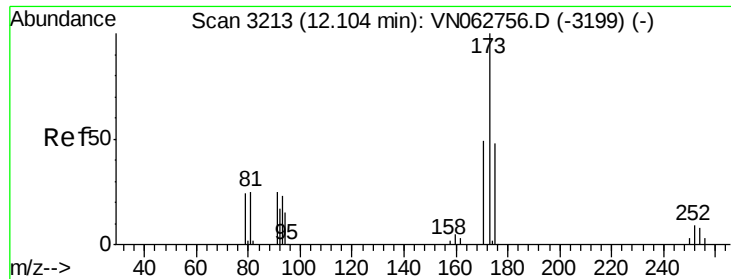
#70
Styrene
Concen: 18.739 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion:104 Resp: 102367
Ion Ratio Lower Upper
104 100
78 55.7 45.9 68.9
103 57.0 45.1 67.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.468 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion:173 Resp: 29301

Ion Ratio Lower Upper

173 100

175 50.6 24.0 72.0

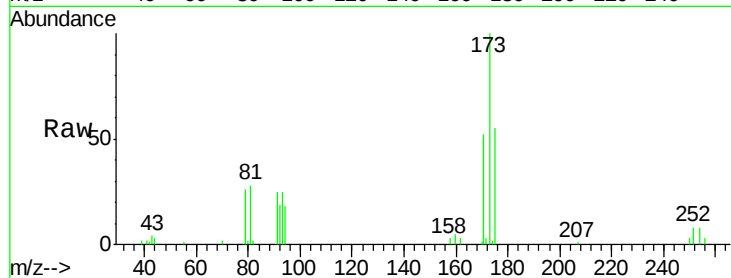
254 0.0 0.0 0.0

Manual Integrations

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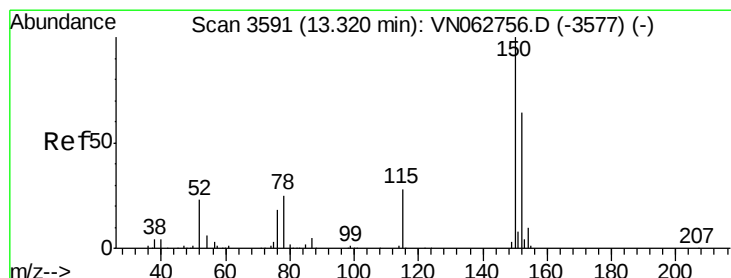
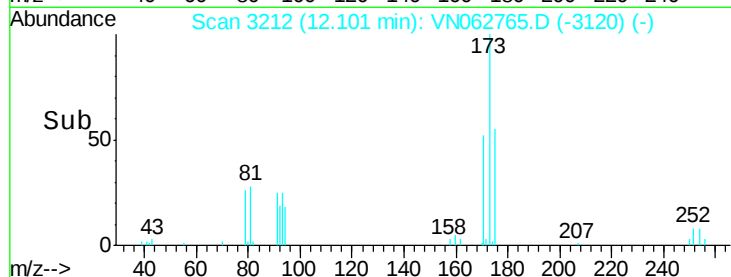
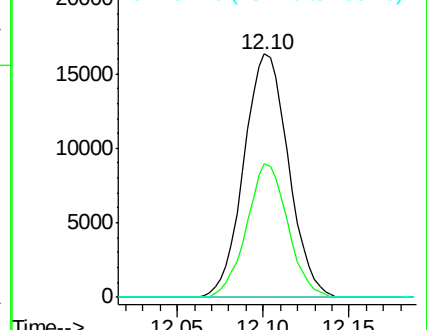
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

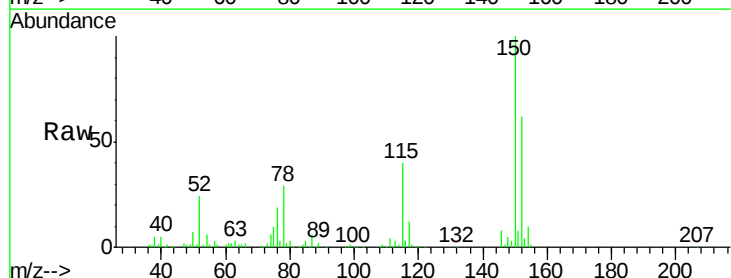
Tgt Ion:152 Resp: 110978

Ion Ratio Lower Upper

152 100

115 65.0 31.6 94.8

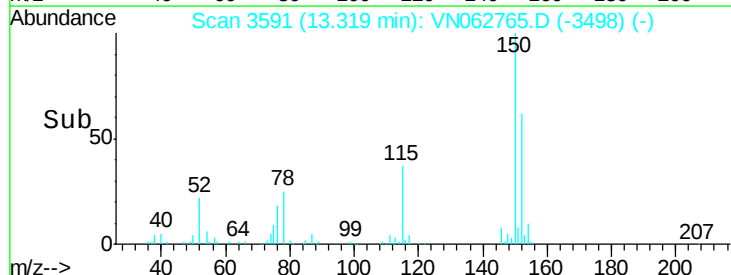
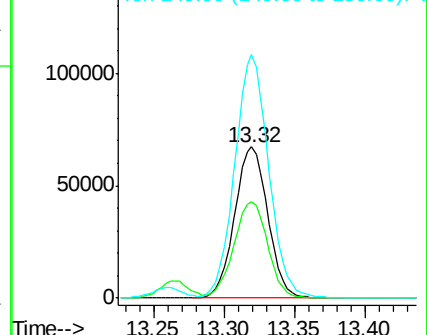
150 163.7 0.0 349.2

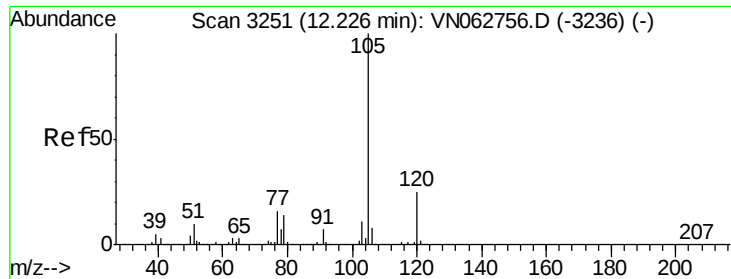


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.497 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion:105 Resp: 162933

Ion Ratio Lower Upper

105 100

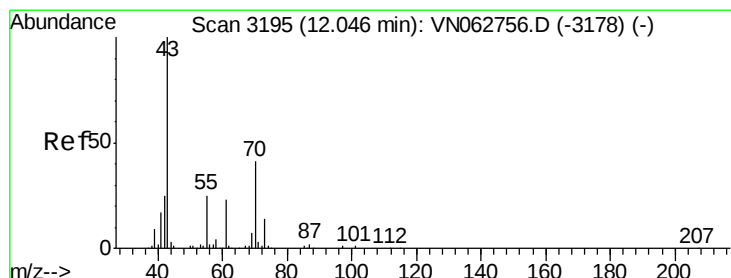
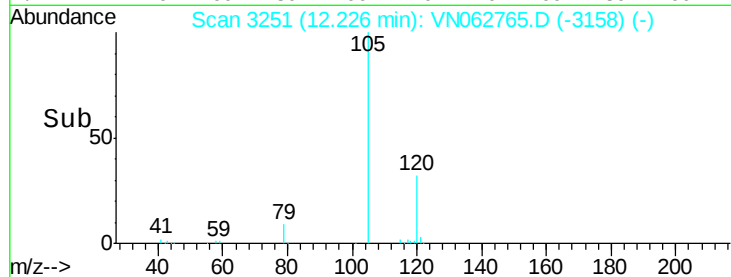
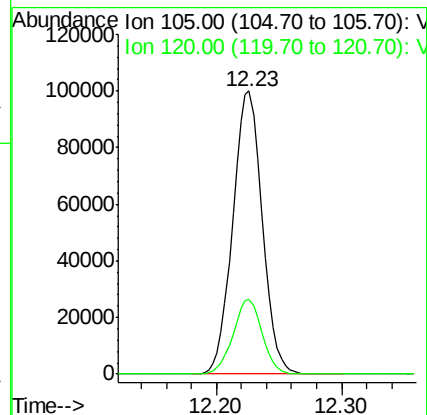
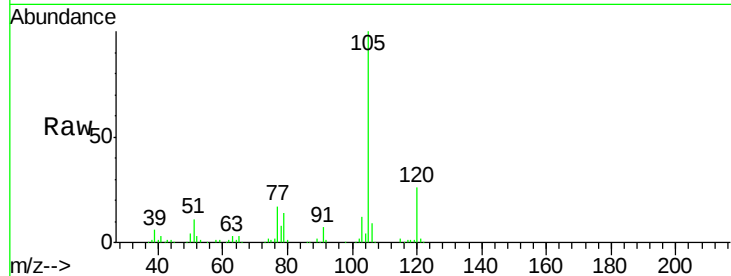
120 25.9 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.632 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Tgt Ion: 43 Resp: 69869

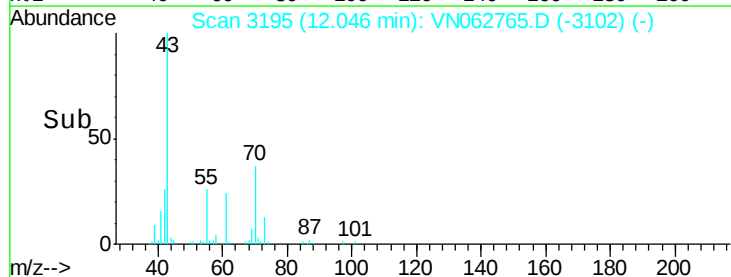
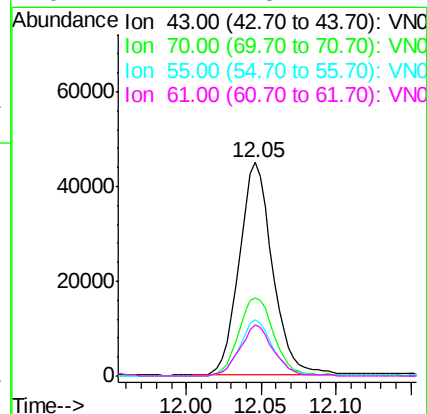
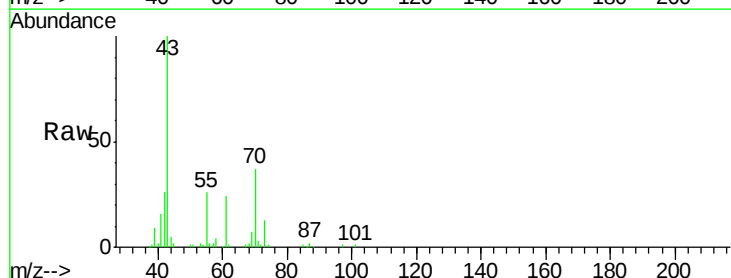
Ion Ratio Lower Upper

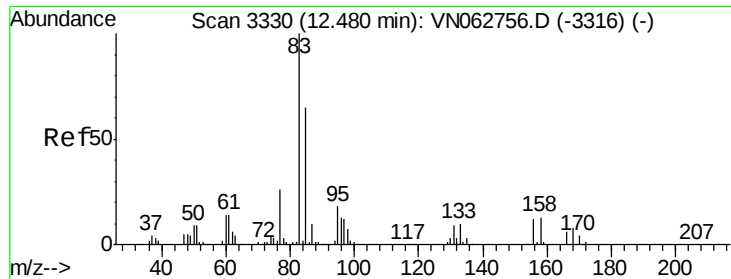
43 100

70 38.9 32.3 48.5

55 26.2 20.2 30.2

61 24.2 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.953 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

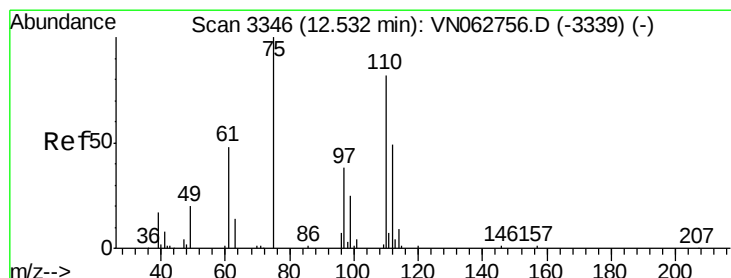
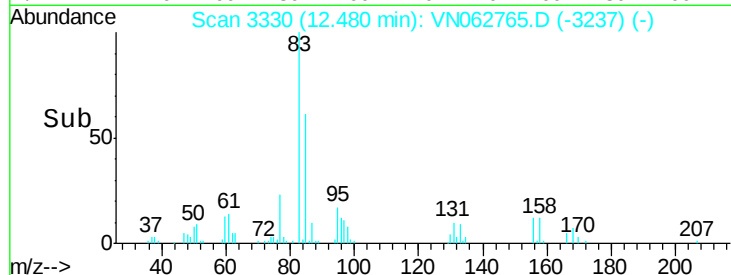
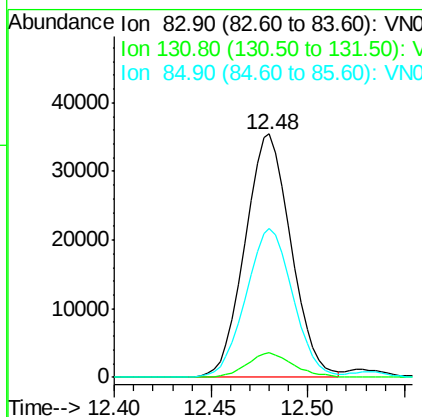
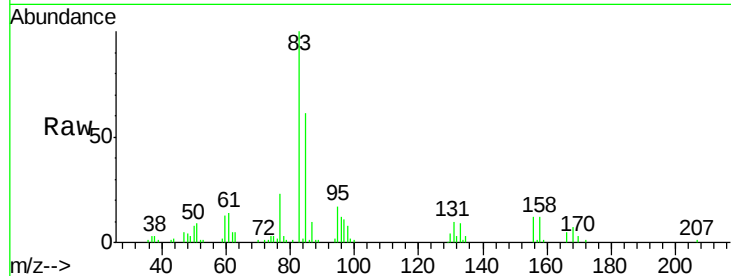
ClientSampleId :

VN0806WBSD01

Tot Ion:	83	Resp:	58698
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.4
85	62.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.045 ug/l m

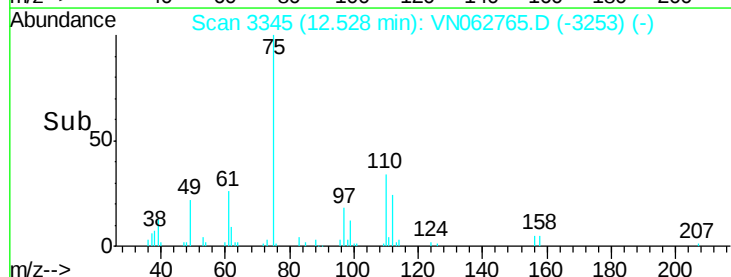
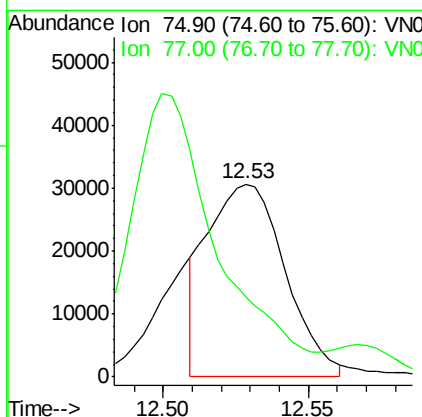
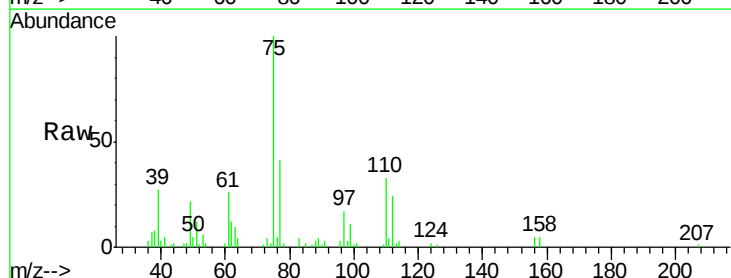
RT: 12.53 min Scan# 3345

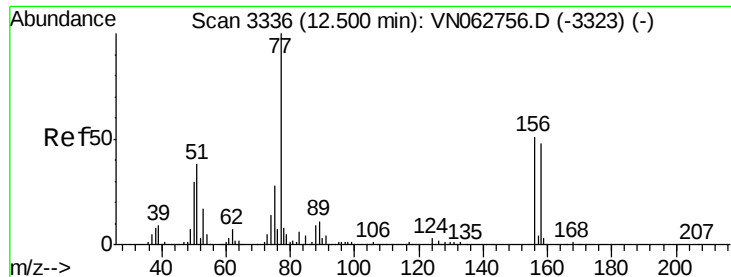
Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Tgt Ion:	75	Resp:	57002
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.655 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

VN0806WBSD01

Tot Ion:156 Resp: 38735

Ion Ratio Lower Upper

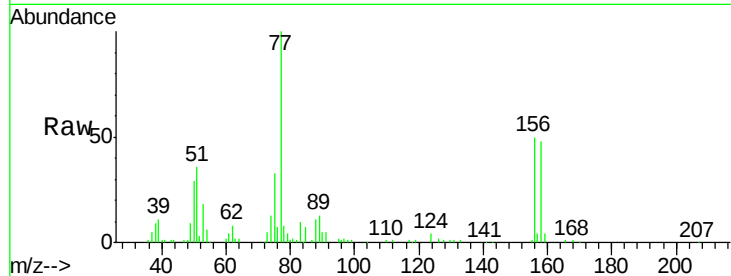
156 100

77 245.8 119.7 359.1

158 99.3 48.1 144.3

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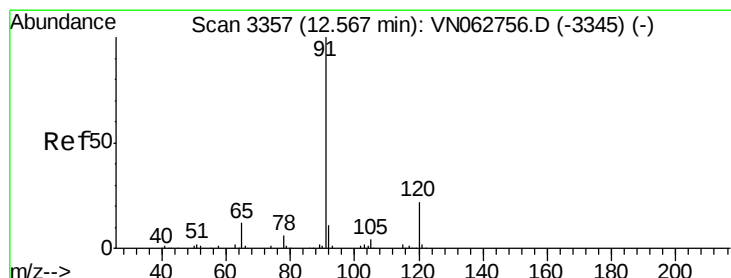
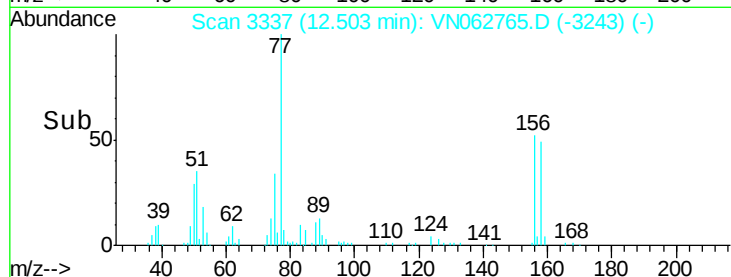
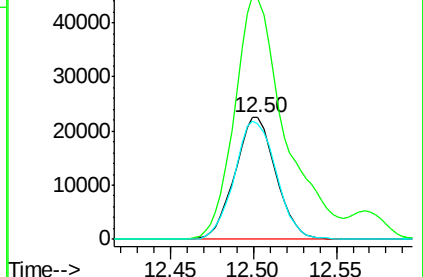
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.928 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062765.D

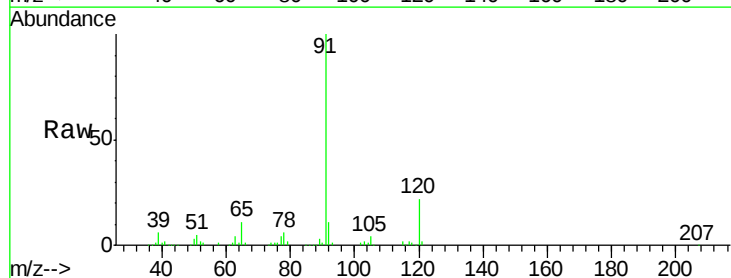
Acq: 6 Aug 2020 14:41

Tgt Ion: 91 Resp: 195482

Ion Ratio Lower Upper

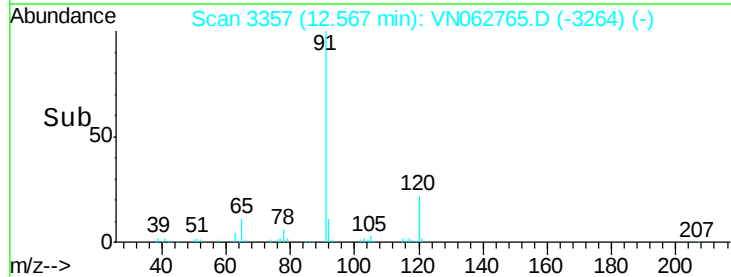
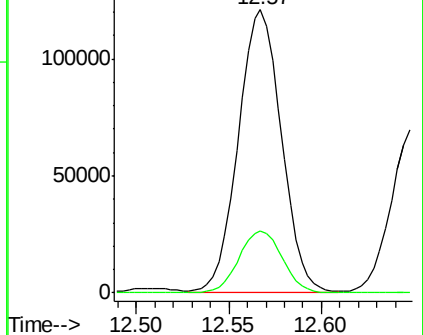
91 100

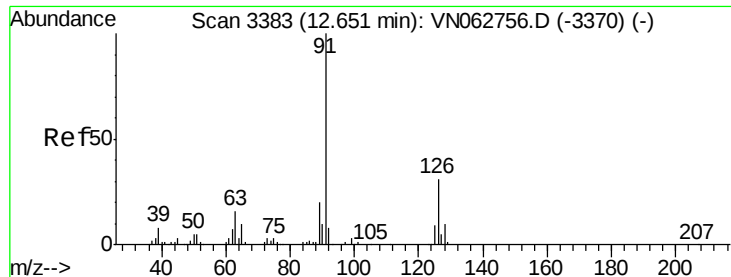
120 22.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.188 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

VN0806WBSD01

Tot Ion: 91 Resp: 118033

Ion Ratio Lower Upper

91 100

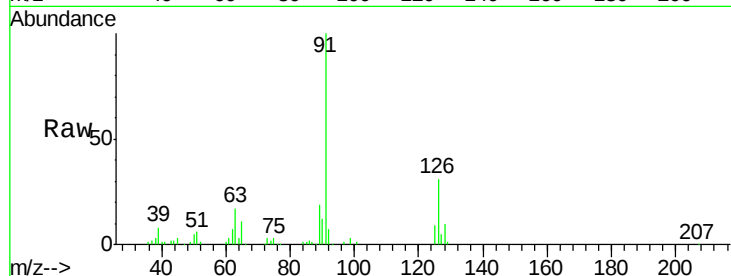
126 31.3 15.6 46.7

Manual Integrations

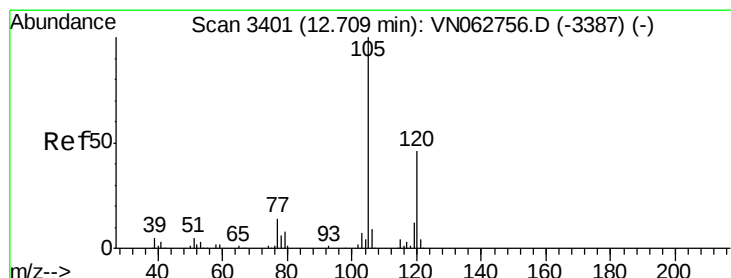
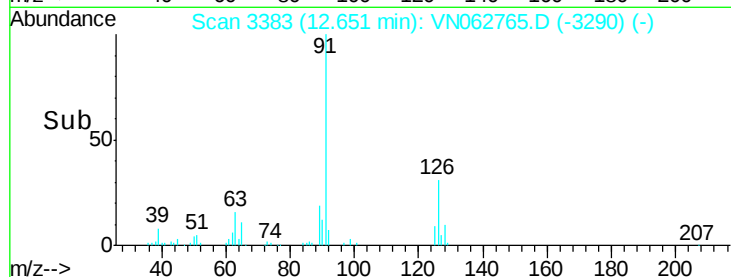
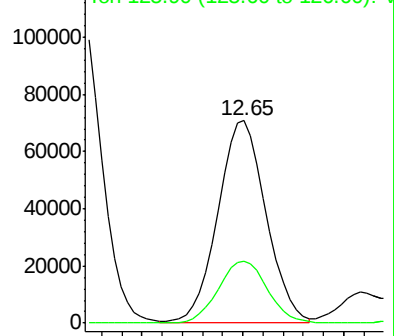
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Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.908 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062765.D

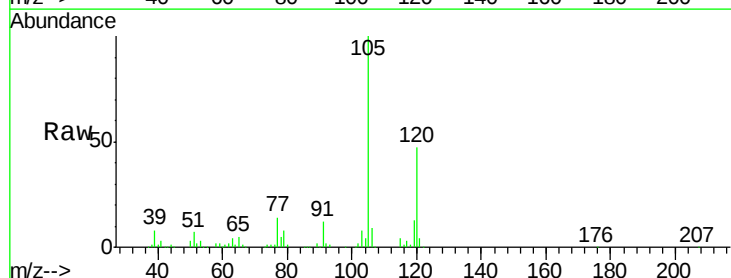
Acq: 6 Aug 2020 14:41

Tgt Ion: 105 Resp: 144326

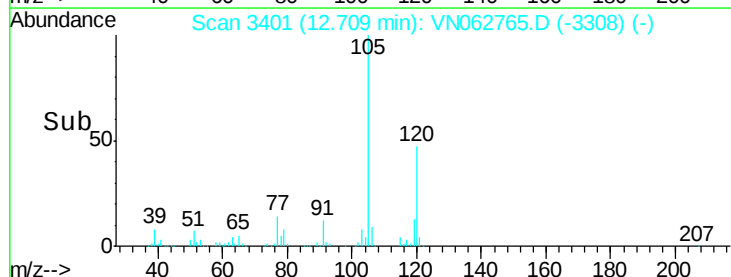
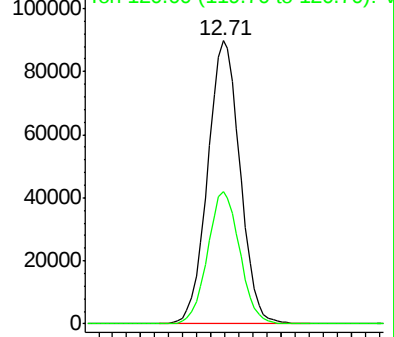
Ion Ratio Lower Upper

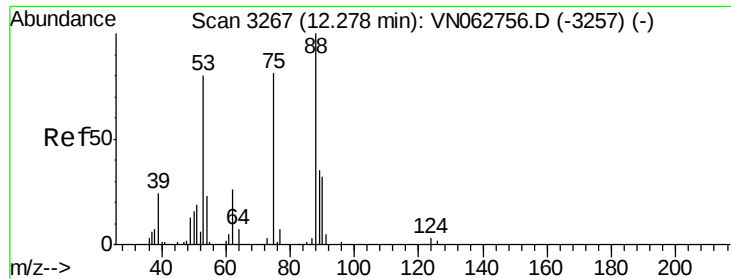
105 100

120 46.4 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062756.D (-3387) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.492 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

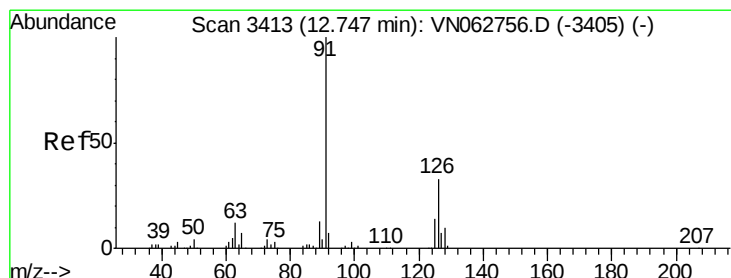
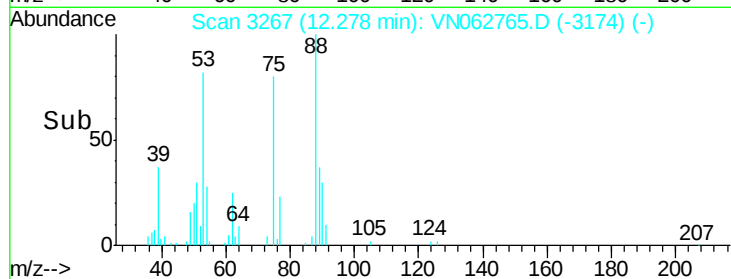
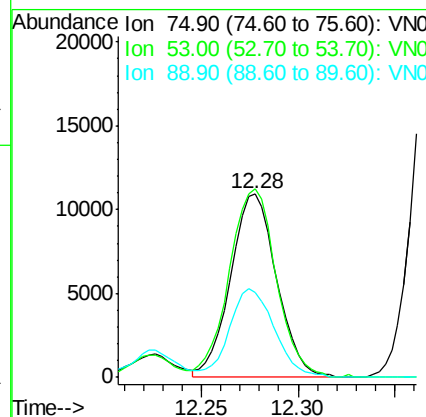
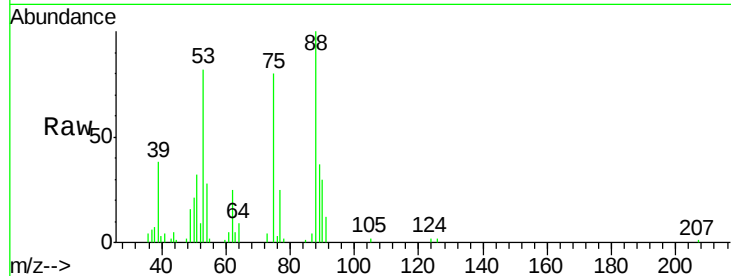
ClientSampleId :

VN0806WBSD01

Tot Ion:	75	Resp:	18130
Ion	Ratio	Lower	Upper
75	100		
53	105.2	79.1	118.7
89	47.6	36.2	54.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.345 ug/l

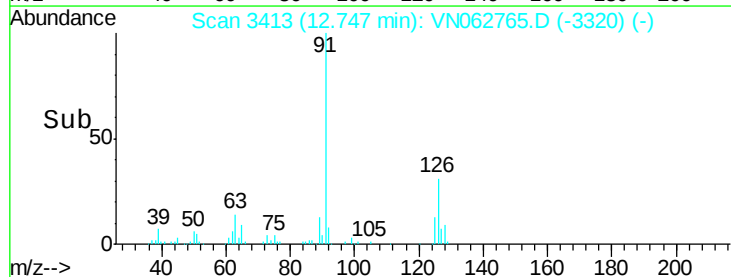
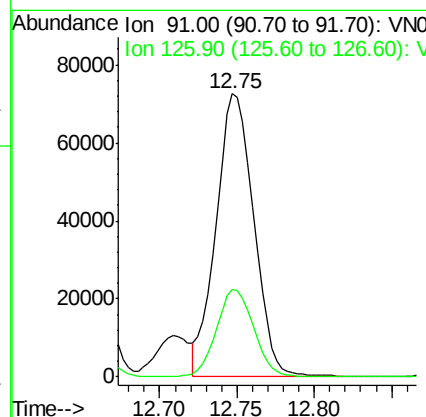
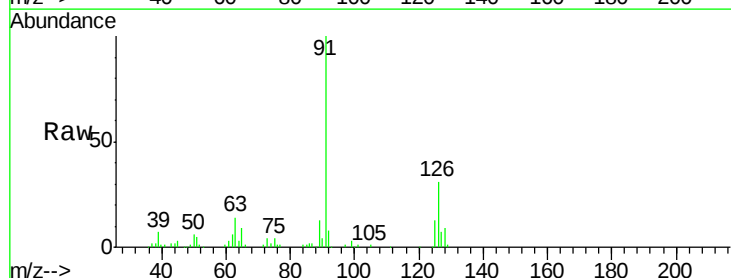
RT: 12.75 min Scan# 3413

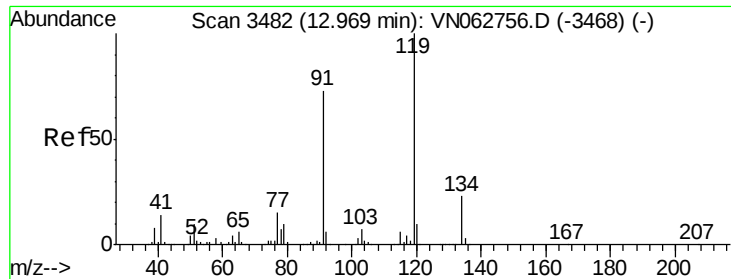
Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Tgt Ion:	91	Resp:	122631
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.3	45.9





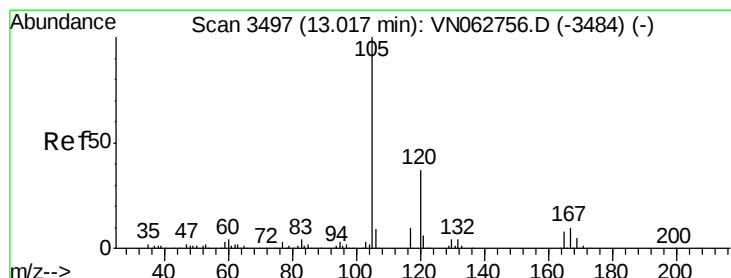
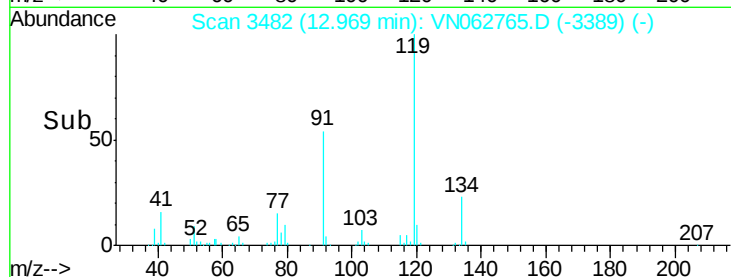
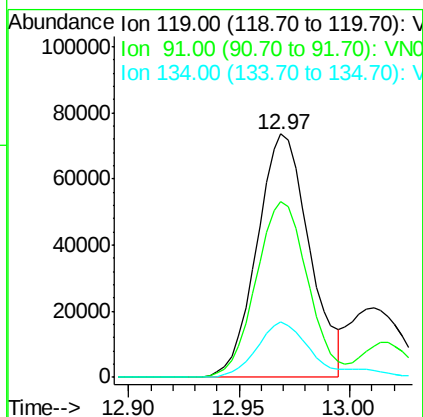
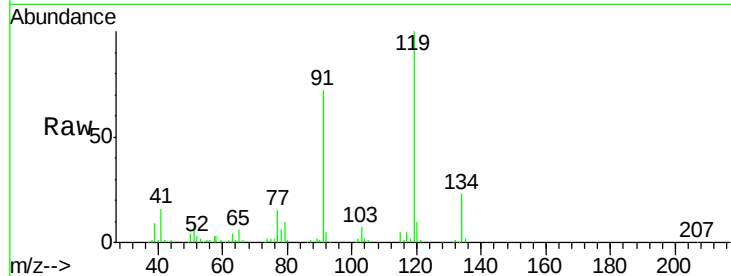
#83
tert-Butylbenzene
Concen: 19.717 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.6	36.5	109.5
134	24.7	11.3	33.8

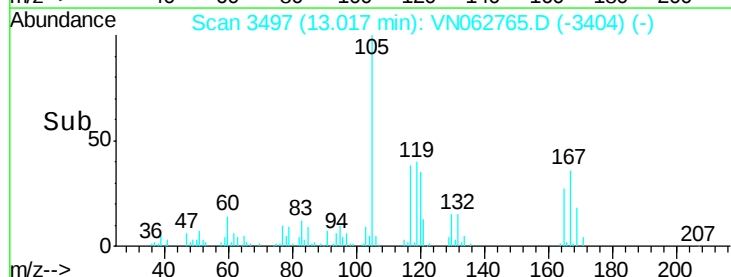
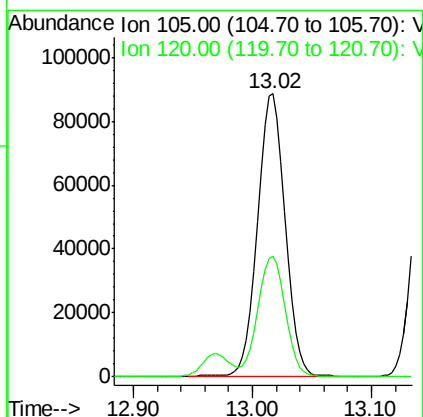
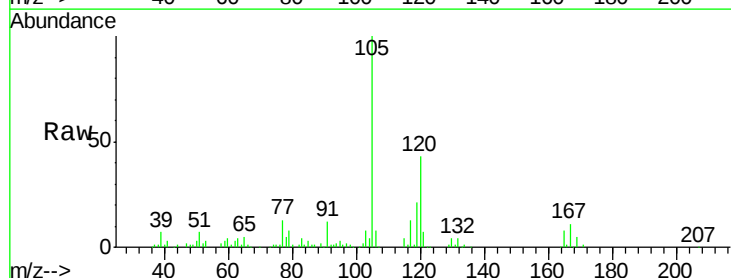
Manual Integrations
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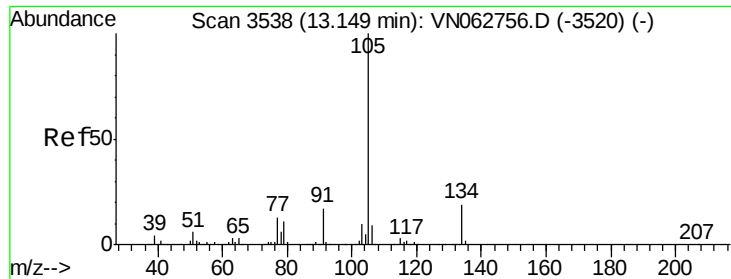
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#84
1,2,4-Trimethylbenzene
Concen: 20.623 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.4	64.2





#85

sec-Butylbenzene

Concen: 20.075 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion:105 Resp: 161717

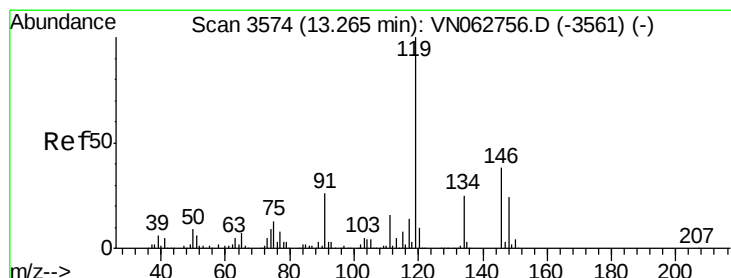
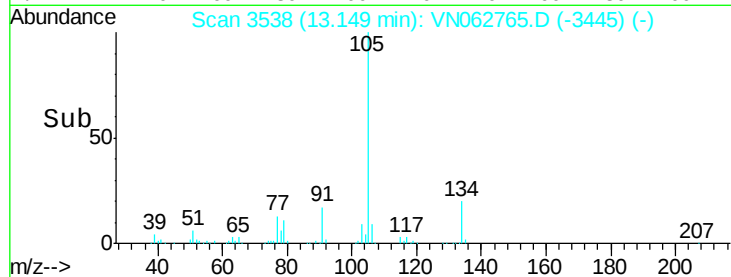
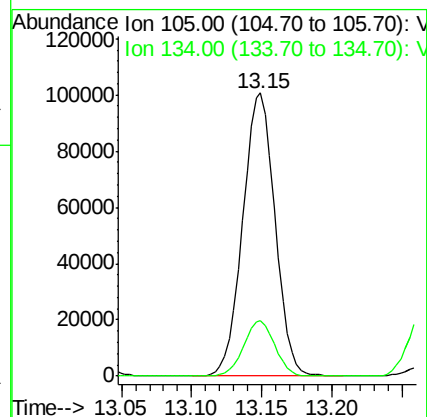
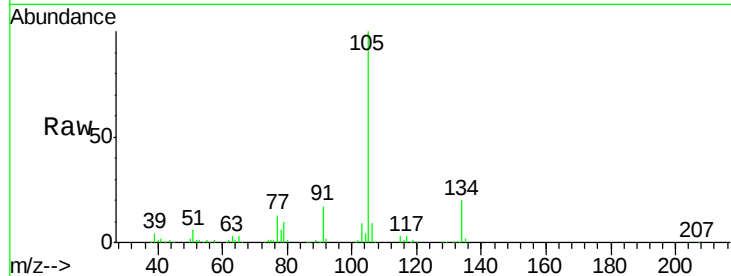
Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.143 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

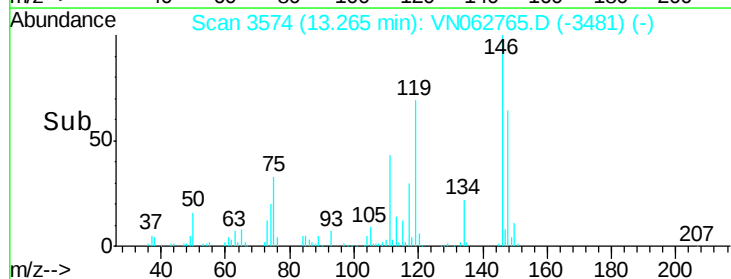
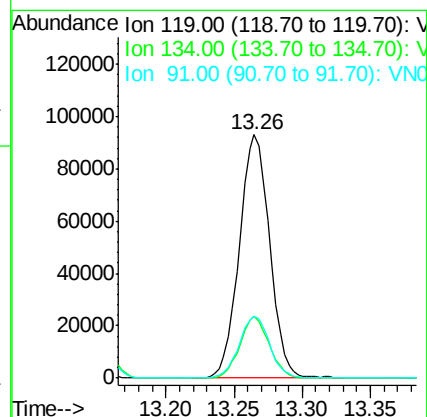
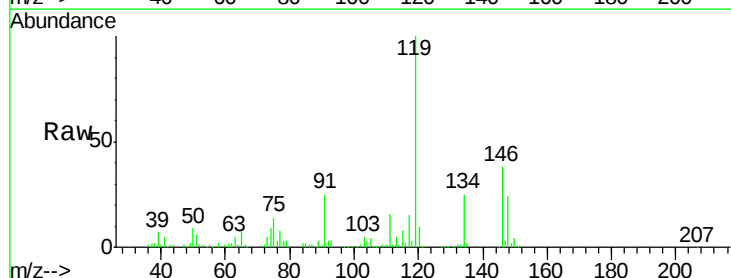
Tgt Ion:119 Resp: 144035

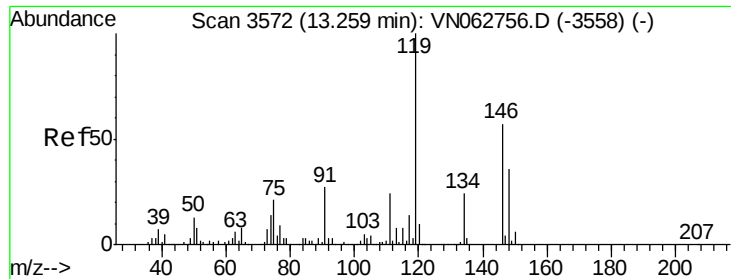
Ion Ratio Lower Upper

119 100

134 24.4 12.6 37.8

91 25.5 13.4 40.2





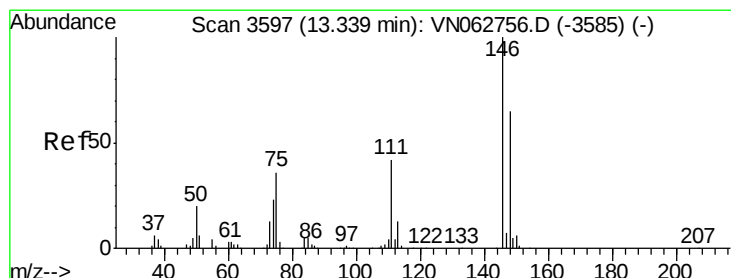
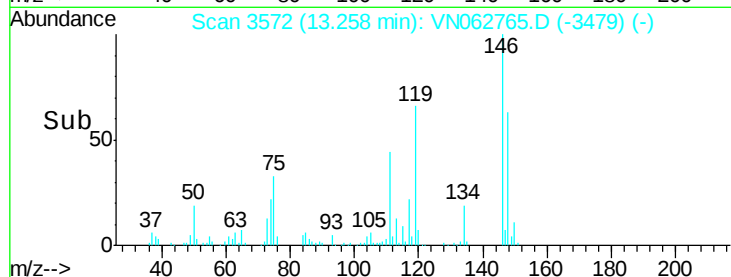
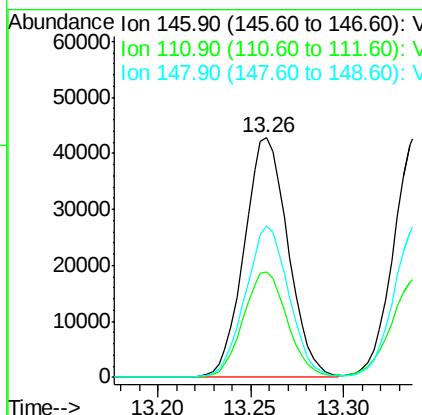
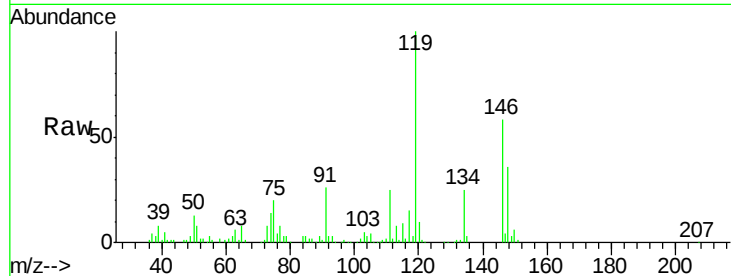
#87
 1,3-Dichlorobenzene
 Concen: 19.074 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.7	65.1
148	62.6	31.4	94.2

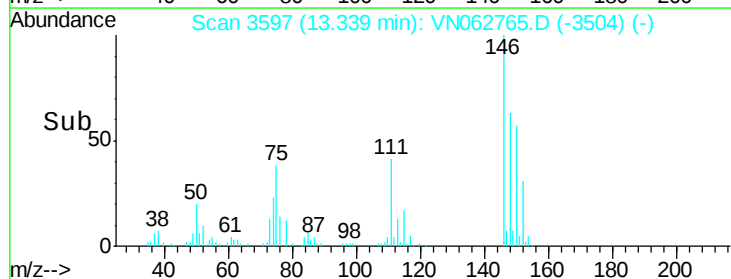
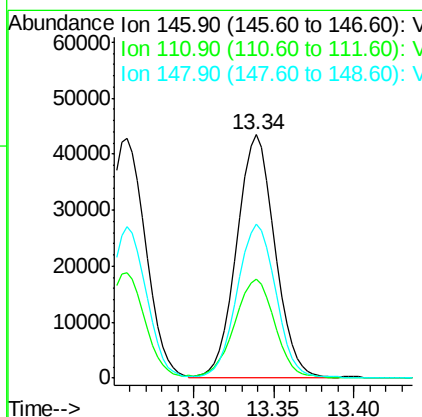
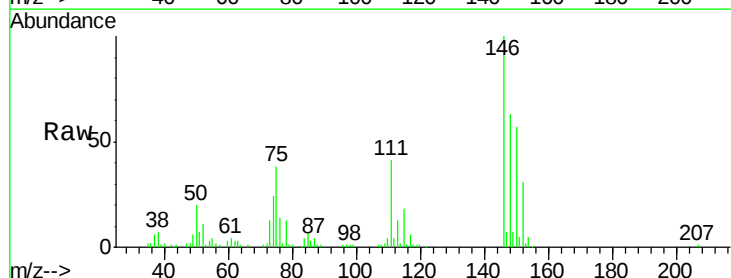
Manual Integrations
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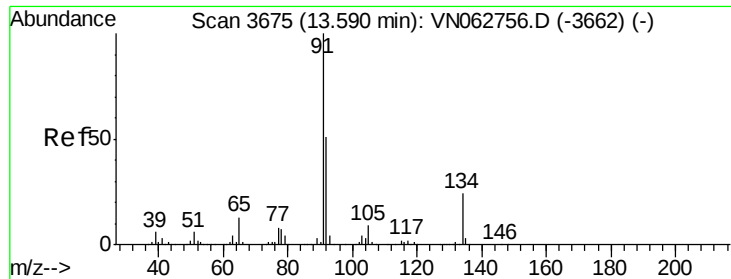
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#88
 1,4-Dichlorobenzene
 Concen: 18.908 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.6	64.6
148	65.1	32.6	97.8





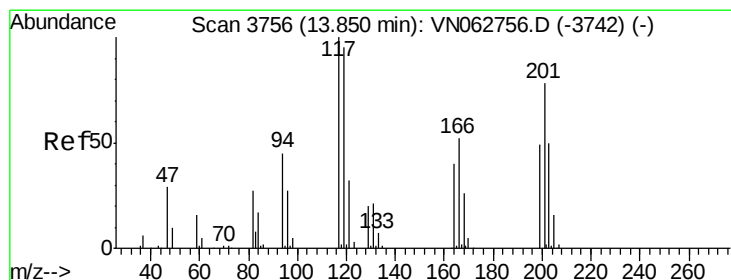
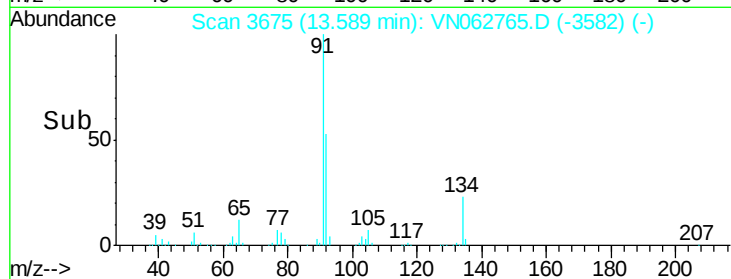
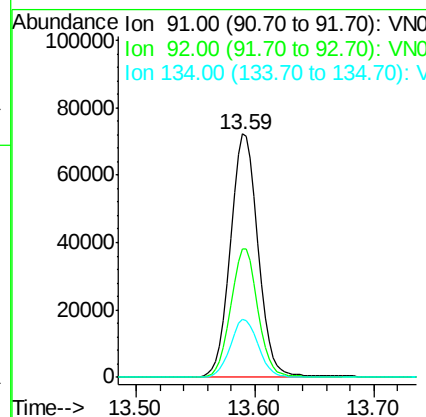
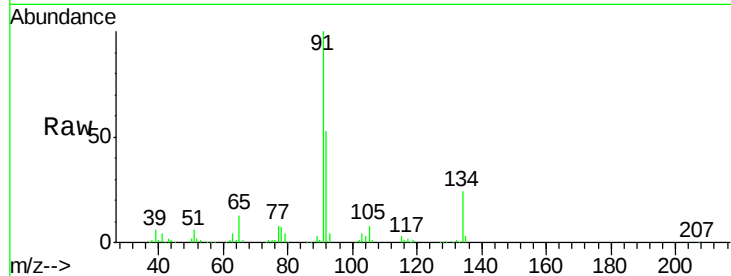
#89
n-Butylbenzene
Concen: 19.327 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.7	77.0
134	23.8	12.2	36.6

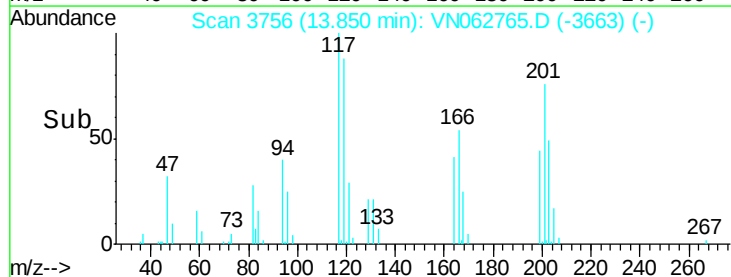
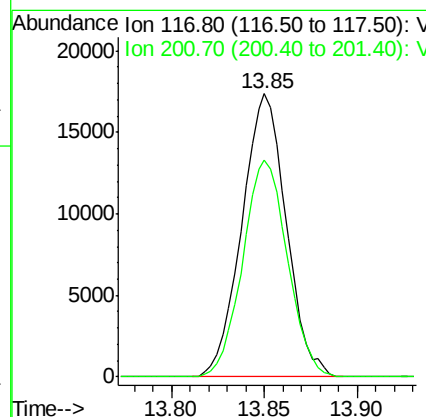
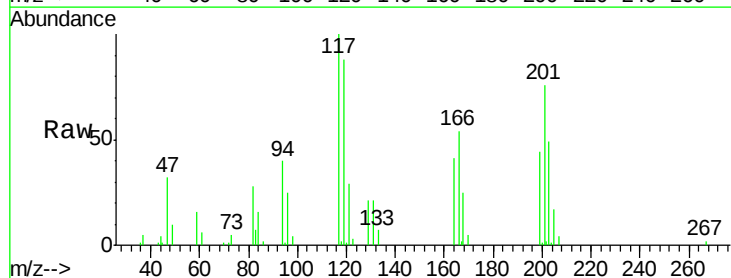
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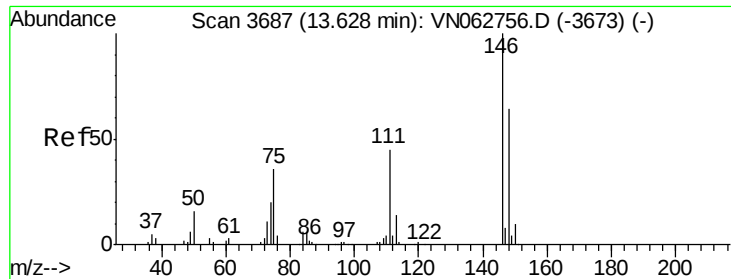
MMDadoda
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#90
Hexachloroethane
Concen: 18.659 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062765.D
Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.1	39.2	117.6





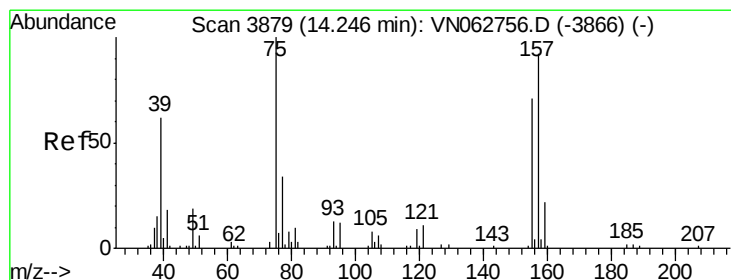
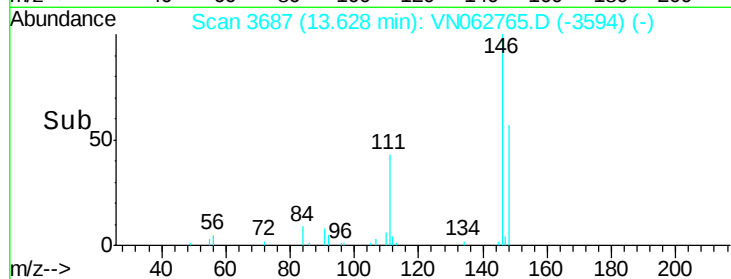
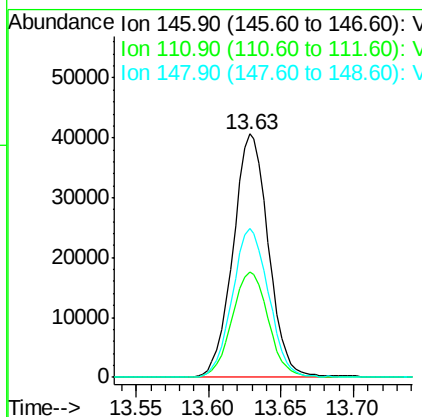
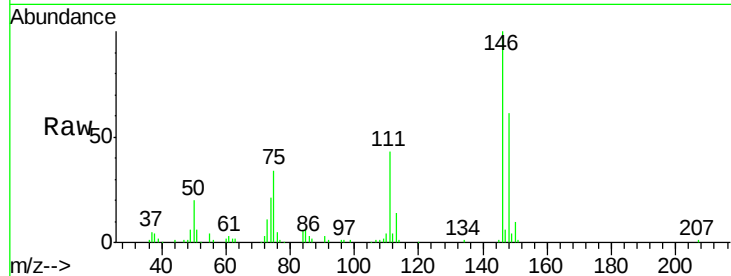
#91
 1,2-Dichlorobenzene
 Concen: 19.817 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.8	68.4
148	62.8	31.9	95.5

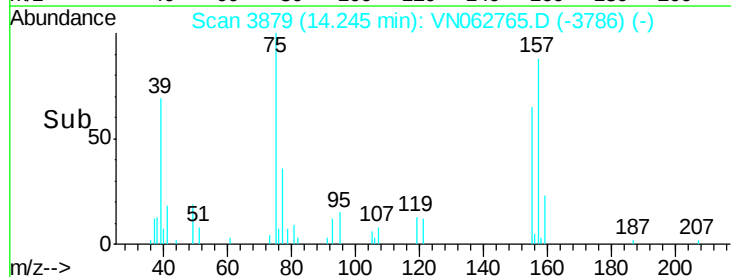
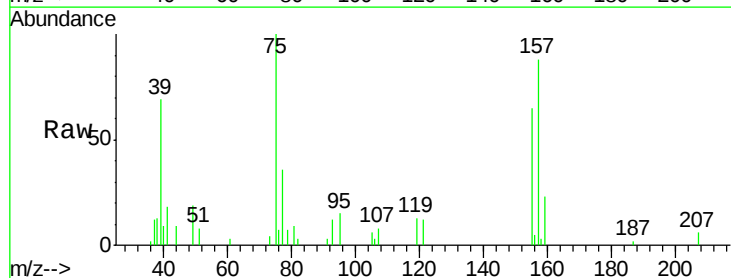
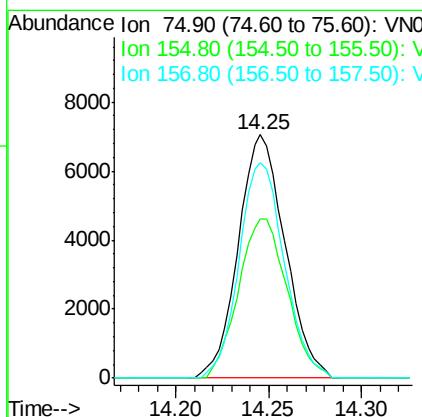
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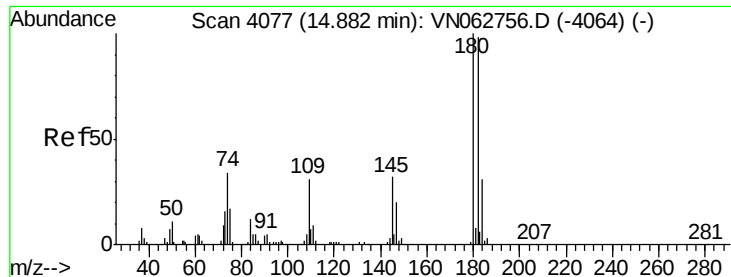
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.538 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.8	35.0	105.1
157	85.7	43.2	129.6





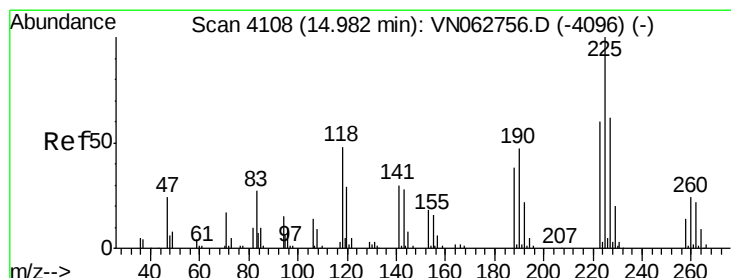
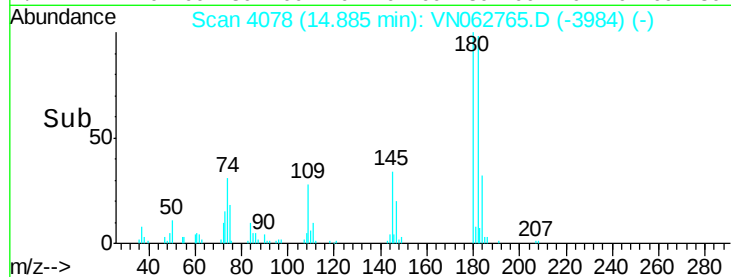
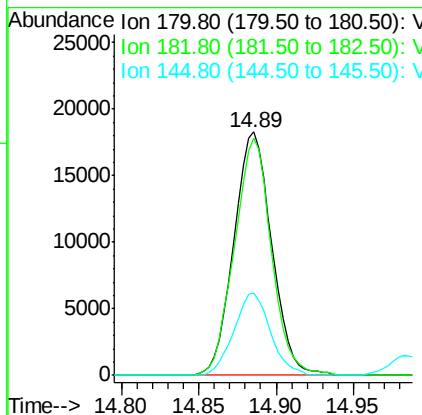
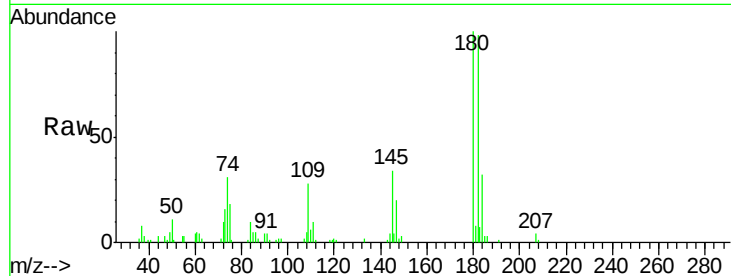
#93
 1,2,4-Trichlorobenzene
 Concen: 18.869 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	31103		
182	95.4	49.1	147.4	
145	32.6	16.3	48.8	

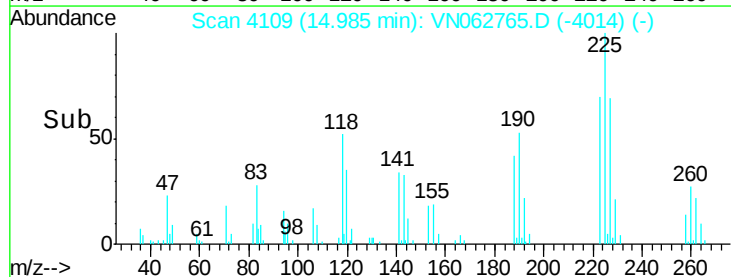
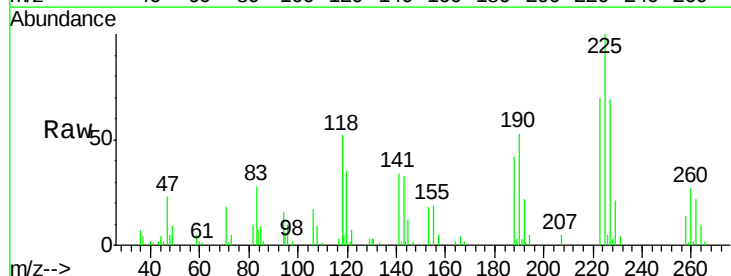
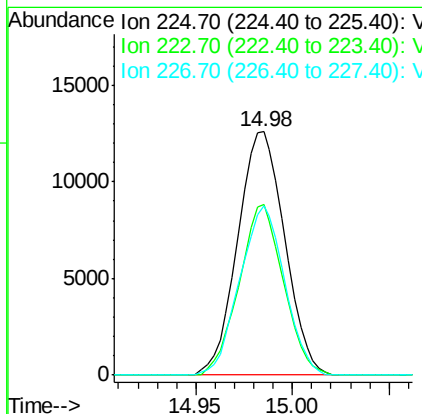
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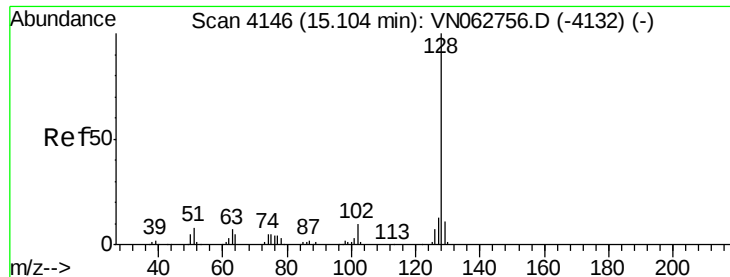
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#94
 Hexachlorobutadiene
 Concen: 18.496 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062765.D
 Acq: 6 Aug 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	21312		
223	66.1	30.6	92.0	
227	66.4	31.6	95.0	





#95

Naphthalene

Concen: 18.455 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Instrument :

MSVOA_N

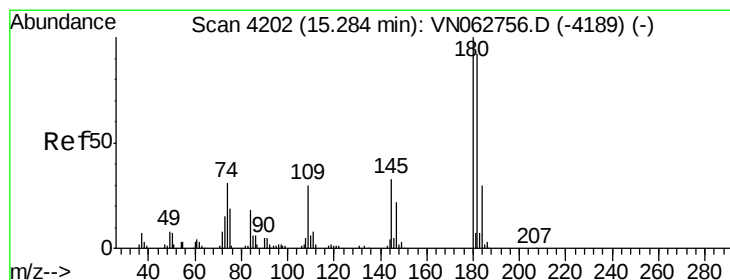
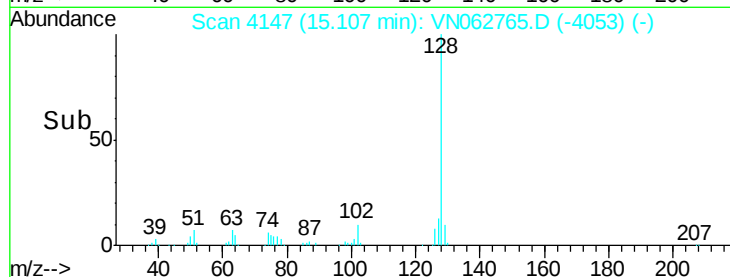
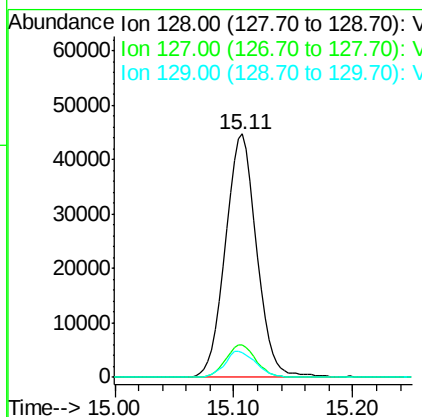
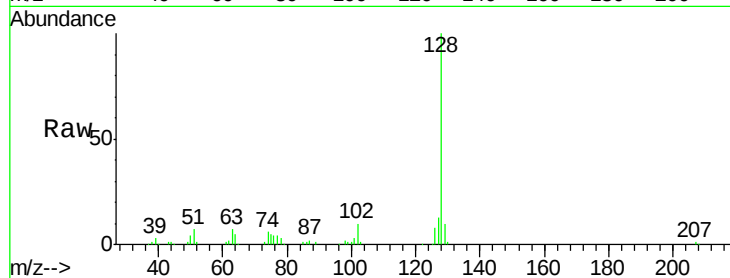
ClientSampleId :

VN0806WBSD01

Tot Ion:	128	Resp:	81259
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.8	16.2
129	10.7	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.172 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062765.D

Acq: 6 Aug 2020 14:41

Tgt Ion:	180	Resp:	32001
Ion Ratio	Lower	Upper	
180	100		
182	92.9	47.9	143.6
145	32.8	17.3	51.7

