

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062904.D
 Acq On : 13 Aug 2020 12:15
 Operator : JC/MD
 Sample : VN0813WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/14/2020 4:50:02 PM

Quant Time: Aug 14 05:36:41 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	7.62	168	173091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	255290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119388	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	134668	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.55	113	96245	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	10.06	98	366155	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.38	95	136326	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	41171	16.611	ug/l	98
3) Chloromethane	2.03	50	35350	15.114	ug/l	97
4) Vinyl Chloride	2.16	62	35397	16.135	ug/l	98
5) Bromomethane	2.52	94	32131	22.125	ug/l	98
6) Chloroethane	2.66	64	30707	21.277	ug/l	99
7) Trichlorofluoromethane	2.98	101	78100	19.965	ug/l	98
8) Diethyl Ether	3.37	74	21509	19.207	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33527	20.736	ug/l	98
10) Methyl Iodide	3.90	142	37291	19.668	ug/l	98
11) Tert butyl alcohol	4.74	59	38892	82.901	ug/l	99
12) 1,1-Dichloroethene	3.69	96	29523	19.310	ug/l	99
13) Acrolein	3.57	56	23956	84.338	ug/l	96
14) Allyl chloride	4.27	41	53512	17.658	ug/l	98
15) Acrylonitrile	4.93	53	104882	96.389	ug/l	98
16) Acetone	3.78	43	91883	88.837	ug/l	95
17) Carbon Disulfide	4.00	76	76858	17.766	ug/l	99
18) Methyl Acetate	4.28	43	49463	19.531	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	127046	18.945	ug/l	99
20) Methylene Chloride	4.50	84	39098	20.203	ug/l	91
21) trans-1,2-Dichloroethene	4.98	96	31560	18.220	ug/l	96
22) Diisopropyl ether	5.90	45	130107	20.168	ug/l	93
23) Vinyl Acetate	5.84	43	436418	88.939	ug/l	99
24) 1,1-Dichloroethane	5.79	63	71821	18.997	ug/l	99
25) 2-Butanone	6.79	43	136385	93.104	ug/l	99
26) 2,2-Dichloropropane	6.77	77	65839	18.893	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	38747	18.647	ug/l	98
28) Bromochloromethane	7.15	49	35390	19.396	ug/l	97
29) Tetrahydrofuran	7.17	42	89932	94.498	ug/l	99
30) Chloroform	7.33	83	74353	18.506	ug/l	100
31) Cyclohexane	7.61	56	65139	18.770	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	65598	18.261	ug/l	98
36) 1,1-Dichloropropene	7.75	75	49867	19.013	ug/l	98
37) Ethyl Acetate	6.88	43	47812	17.452	ug/l	98
38) Carbon Tetrachloride	7.73	117	58069	18.721	ug/l	94

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 8/14/2020 4:50:02 PM

Quant Time: Aug 14 05:36:41 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	60447	19.151	ug/l	100
40) Benzene	8.00	78	147541	18.852	ug/l	96
41) Methacrylonitrile	7.14	41	25975m	21.011	ug/l	
42) 1,2-Dichloroethane	8.09	62	62744	18.836	ug/l	99
43) Isopropyl Acetate	8.13	43	83660	18.307	ug/l #	88
44) Trichloroethene	8.80	130	36339	19.058	ug/l	100
45) 1,2-Dichloropropane	9.08	63	42773	20.193	ug/l	97
46) Dibromomethane	9.17	93	27876	20.085	ug/l	99
47) Bromodichloromethane	9.37	83	61066	19.591	ug/l	100
48) Methyl methacrylate	9.17	41	41969	18.672	ug/l	99
49) 1,4-Dioxane	9.17	88	15474	371.539	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	284110	96.091	ug/l	100
52) Toluene	10.13	92	94551	19.567	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	63867	18.627	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	67470	19.599	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	40417	19.584	ug/l	97
56) Ethyl methacrylate	10.40	69	60324	19.419	ug/l	97
57) 1,3-Dichloropropane	10.68	76	69130	19.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	71053	80.920	ug/l	99
59) 2-Hexanone	10.72	43	205028	92.962	ug/l	100
60) Dibromochloromethane	10.87	129	45611	19.367	ug/l	100
61) 1,2-Dibromoethane	10.98	107	40142	19.712	ug/l	98
64) Tetrachloroethene	10.60	164	31883	19.356	ug/l	95
65) Chlorobenzene	11.41	112	103983	19.485	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	42469	19.817	ug/l	98
67) Ethyl Benzene	11.48	91	183973	19.265	ug/l	98
68) m/p-Xylenes	11.60	106	136811	39.466	ug/l	97
69) o-Xylene	11.92	106	65068	20.029	ug/l	96
70) Styrene	11.94	104	112493	19.700	ug/l	99
71) Bromoform	12.10	173	32712	18.656	ug/l #	100
73) Isopropylbenzene	12.22	105	183167	20.375	ug/l	99
74) N-amyl acetate	12.05	43	69706	19.134	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	63204	19.972	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	62505m	19.413	ug/l	
77) Bromobenzene	12.50	156	43704	19.566	ug/l	97
78) n-propylbenzene	12.57	91	213705	20.251	ug/l	100
79) 2-Chlorotoluene	12.65	91	131774	19.913	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	161855	20.753	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	20629	19.559	ug/l	99
82) 4-Chlorotoluene	12.75	91	138582	20.321	ug/l	99
83) tert-Butylbenzene	12.97	119	132594	20.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	151641	20.324	ug/l	97
85) sec-Butylbenzene	13.15	105	177773	20.513	ug/l	100
86) p-Isopropyltoluene	13.26	119	156229	20.309	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	76527	19.178	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	79483	19.859	ug/l	98
89) n-Butylbenzene	13.59	91	122092	18.766	ug/l	99
90) Hexachloroethane	13.85	117	32274	19.464	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	77341	20.673	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12427	18.291	ug/l	98

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ClientSampleId :
VN0813WBS01

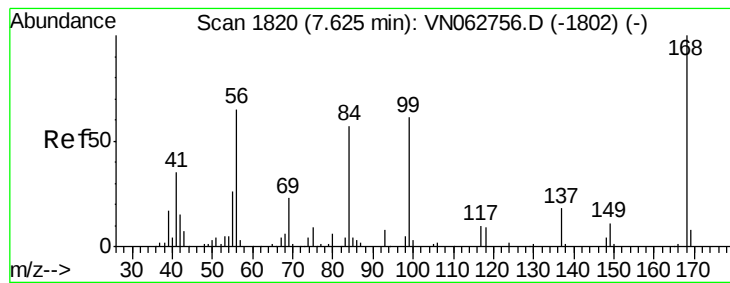
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	31638	18.022	ug/l	99
94) Hexachlorobutadiene	14.98	225	24565	19.931	ug/l	96
95) Naphthalene	15.10	128	80764	17.332	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	33138	18.557	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tot Ion:168 Resp: 173091

Ion Ratio Lower Upper

168 100

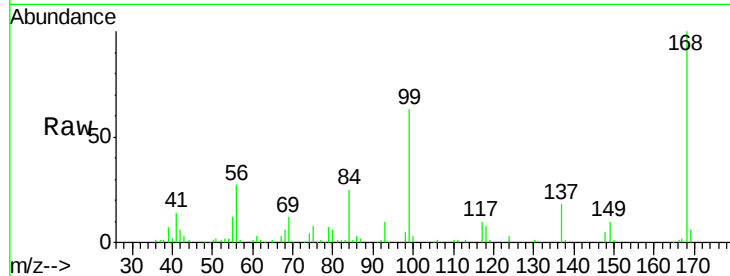
99 62.3 52.9 79.3

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

7.62

60000

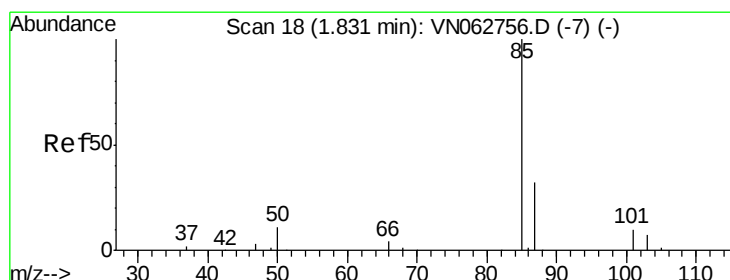
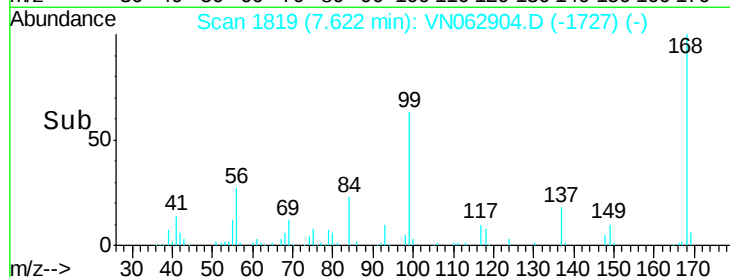
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 16.611 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062904.D

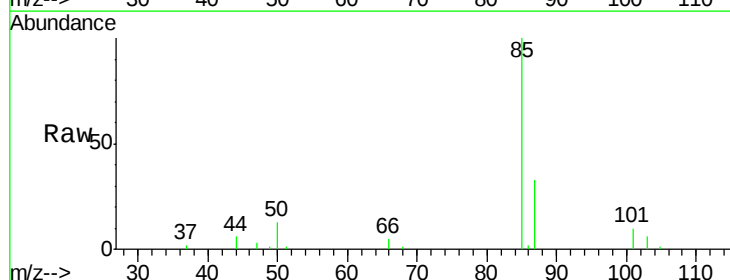
Acq: 13 Aug 2020 12:15

Tgt Ion: 85 Resp: 41171

Ion Ratio Lower Upper

85 100

87 33.4 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

30000

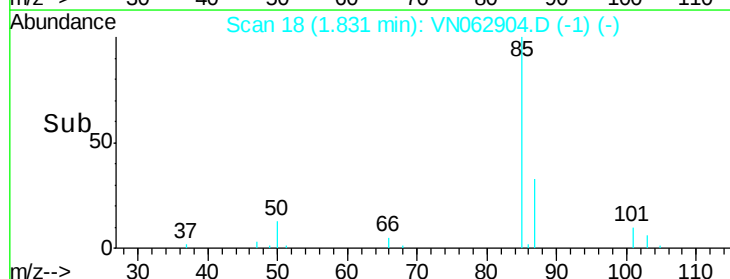
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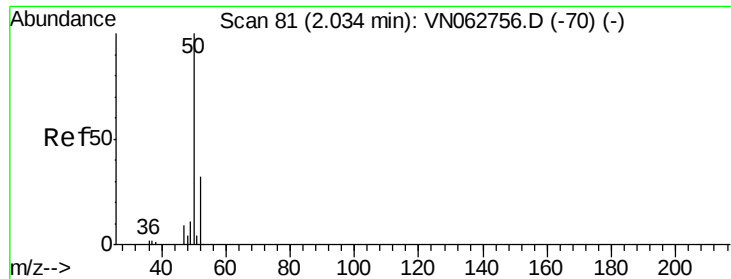
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1.80 1.85 1.90

Time-->





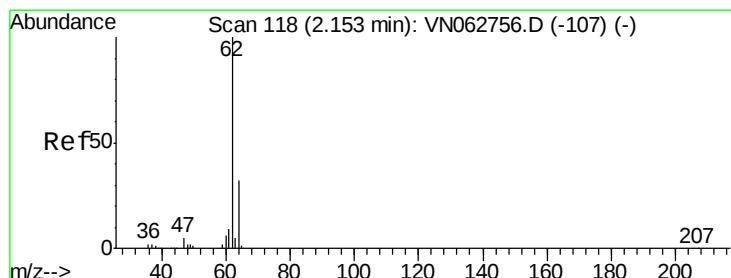
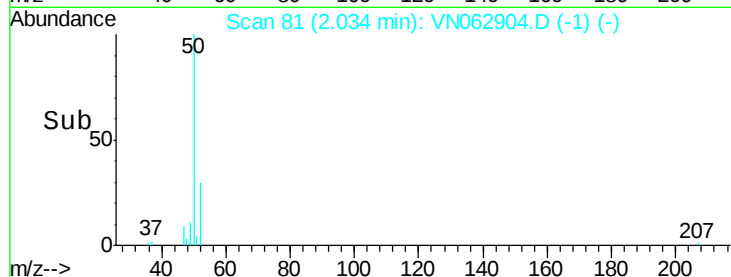
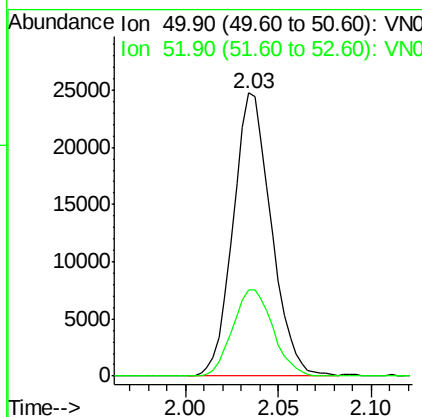
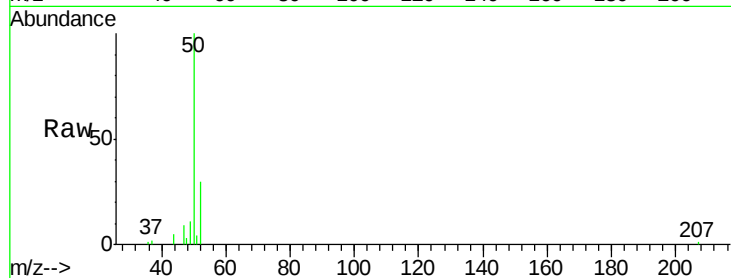
#3
Chloromethane
Concen: 15.114 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion: 50 Resp: 35350
Ion Ratio Lower Upper
50 100
52 30.3 25.6 38.4

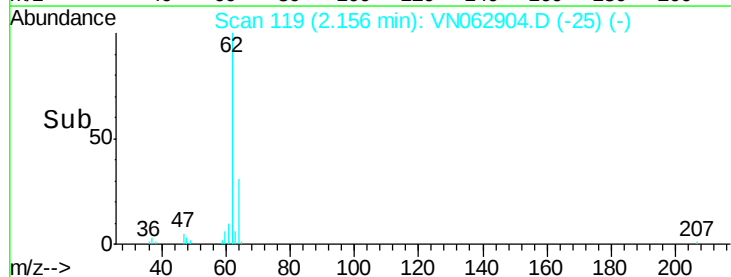
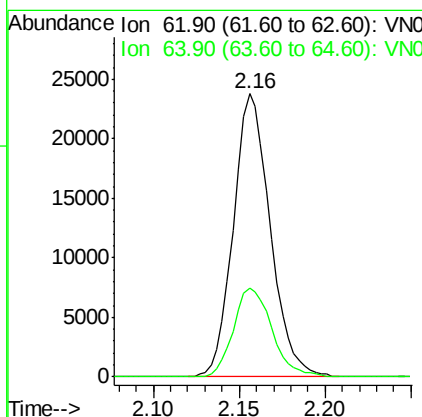
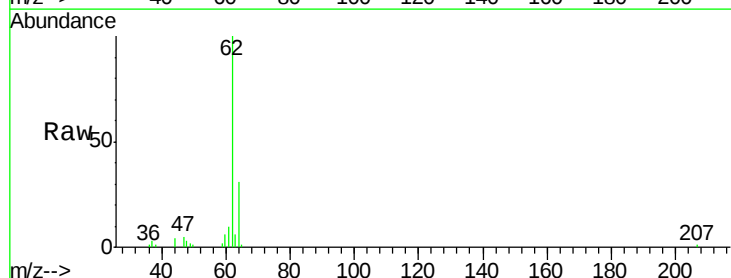
Manual Integrations
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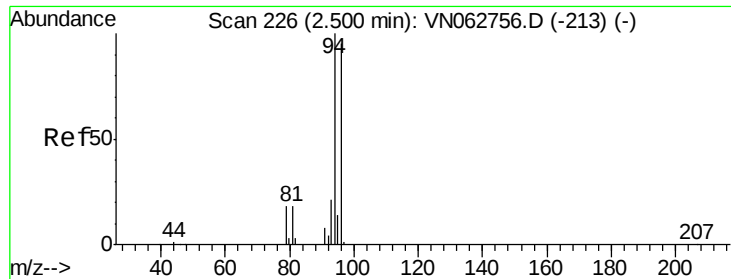
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#4
Vinyl Chloride
Concen: 16.135 ug/l
RT: 2.16 min Scan# 119
Delta R.T. 0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion: 62 Resp: 35397
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.8





#5

Bromomethane

Concen: 22.125 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.02 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tot Ion: 94 Resp: 32131

Ion Ratio Lower Upper

94 100

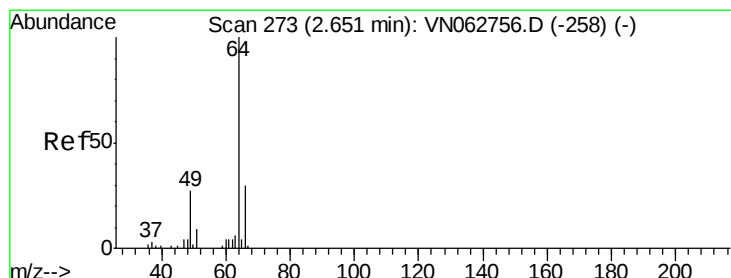
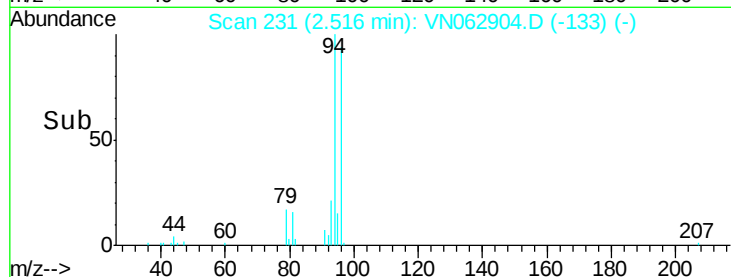
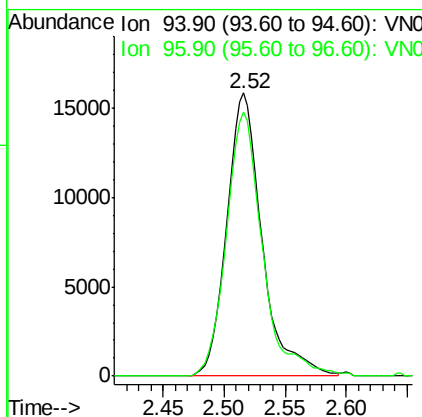
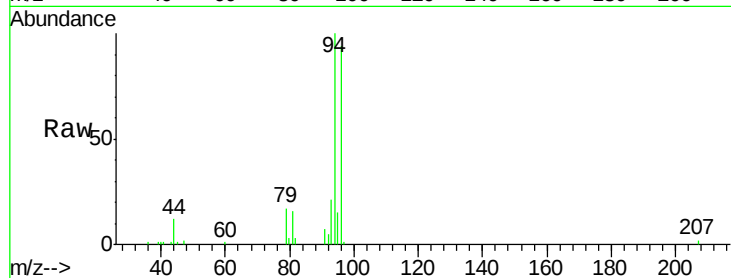
96 93.6 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 21.277 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062904.D

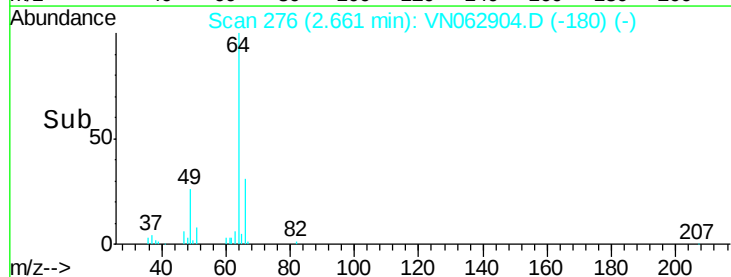
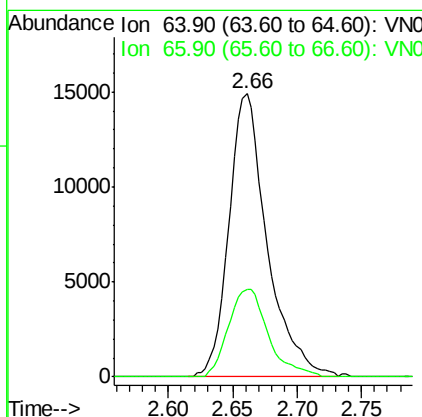
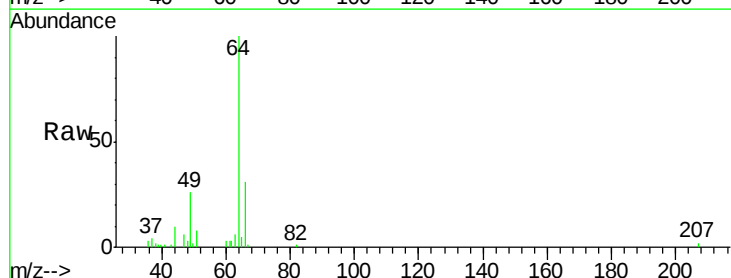
Acq: 13 Aug 2020 12:15

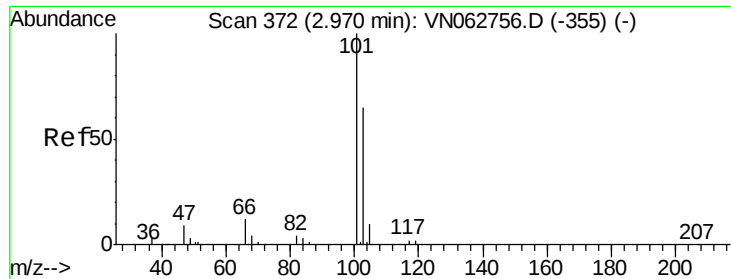
Tgt Ion: 64 Resp: 30707

Ion Ratio Lower Upper

64 100

66 30.8 24.0 36.0





#7

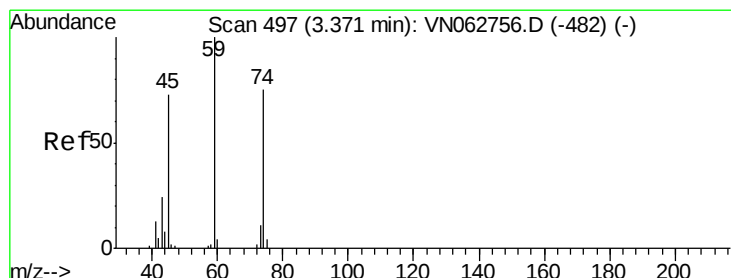
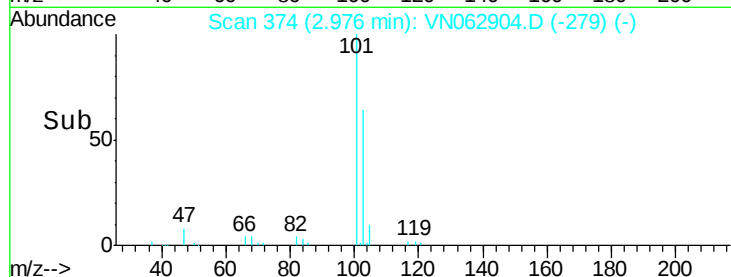
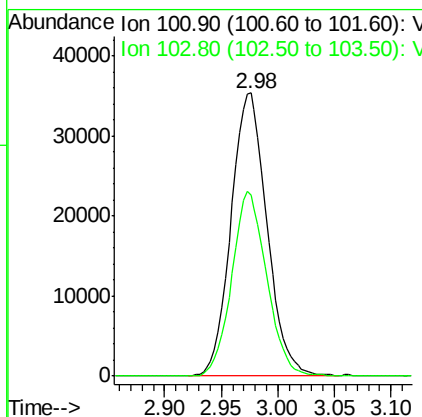
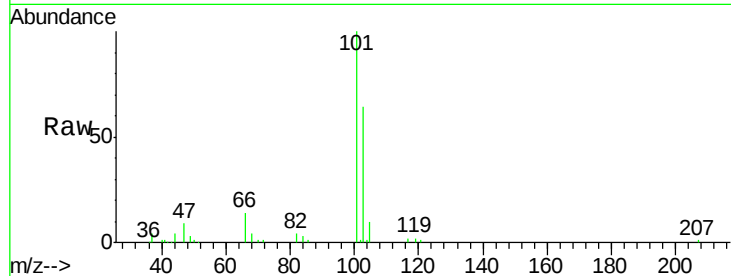
Trichlorofluoromethane
Concen: 19.965 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.01 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.3	78.5

Manual Integrations
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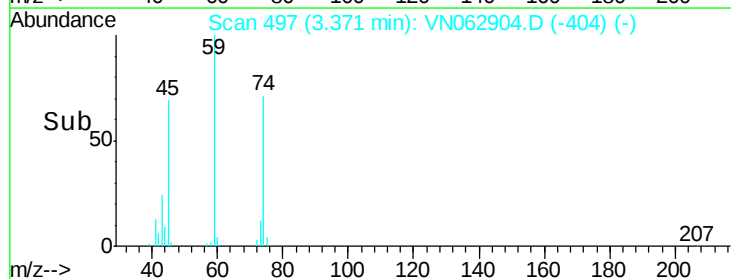
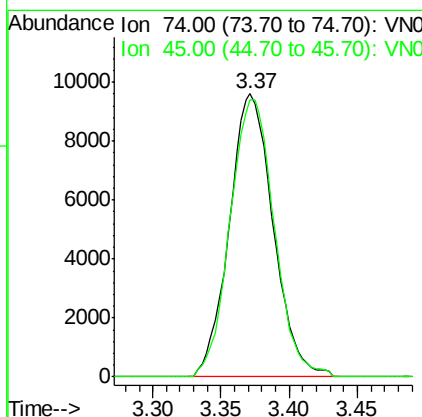
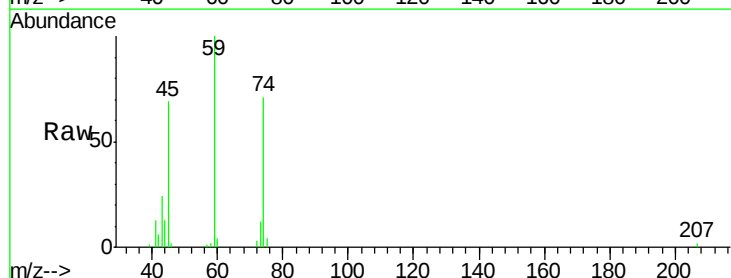
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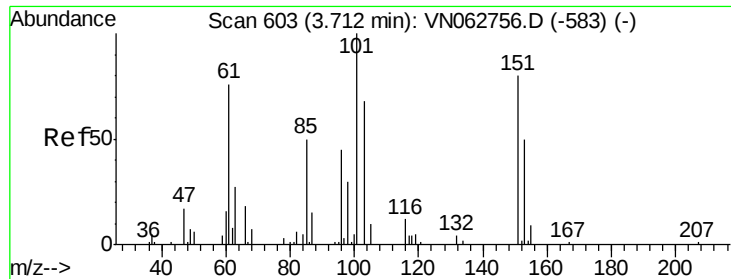


#8

Diethyl Ether
Concen: 19.207 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.736 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

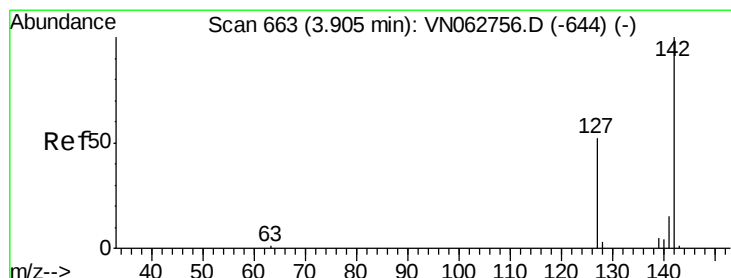
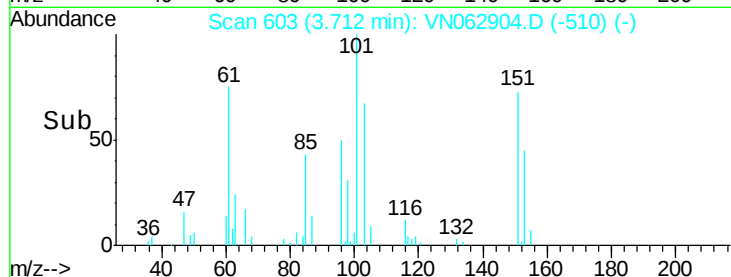
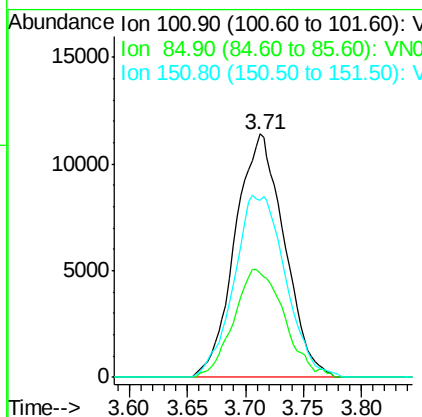
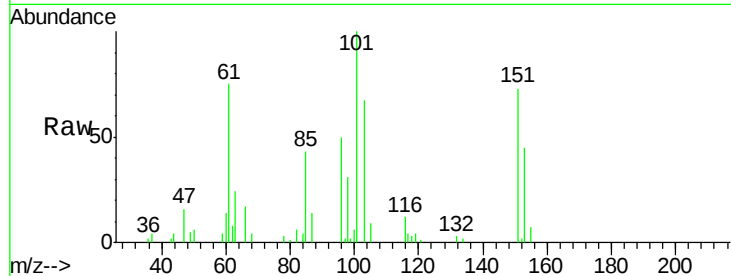
ClientSampleId :

VN0813WBS01

Tot Ion:	101	Resp:	33527
Ion Ratio	Lower	Upper	
101	100		
85	45.5	38.5	57.7
151	78.4	63.0	94.6

Manual Integrations
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#10

Methyl Iodide

Concen: 19.668 ug/l

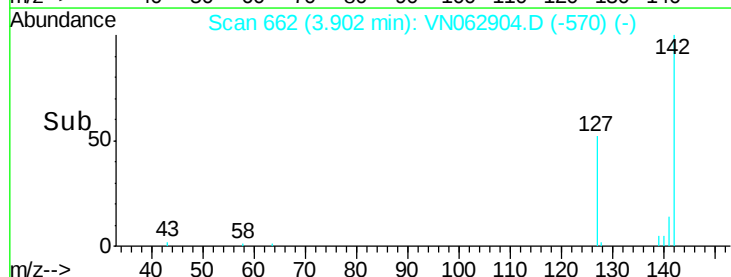
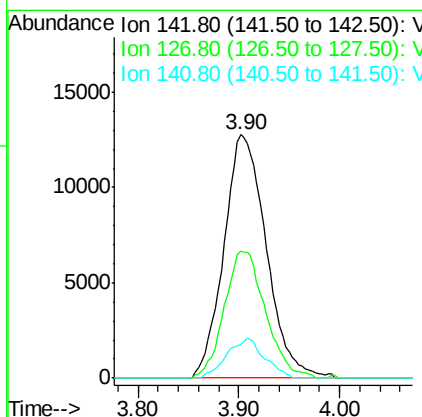
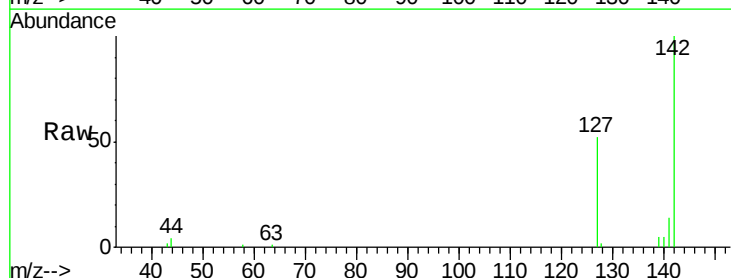
RT: 3.90 min Scan# 662

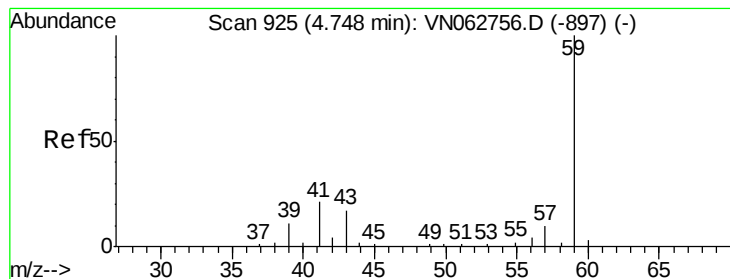
Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Tgt Ion:	142	Resp:	37291
Ion Ratio	Lower	Upper	
142	100		
127	50.6	41.4	62.0
141	14.5	12.2	18.4





#11

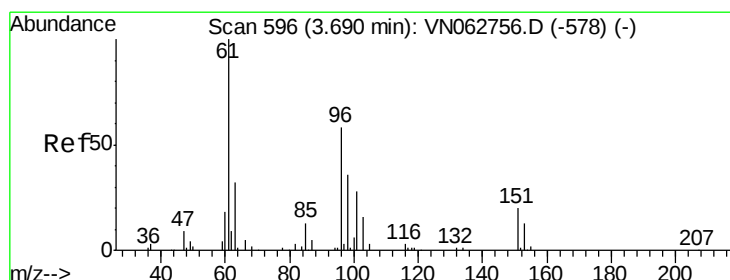
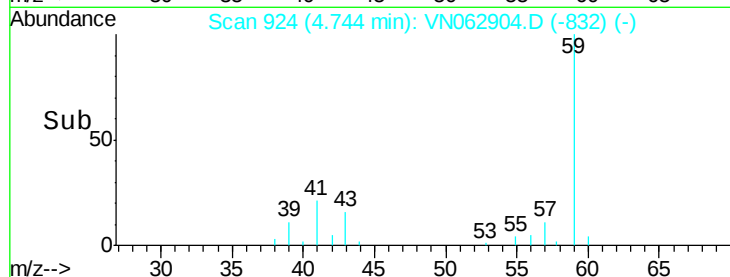
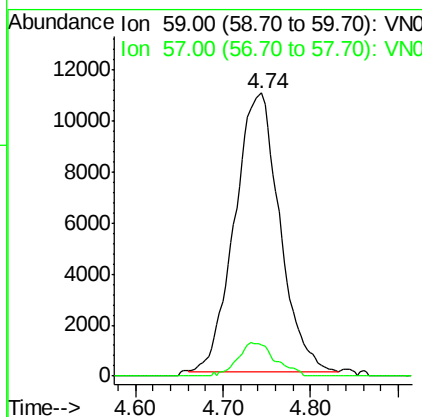
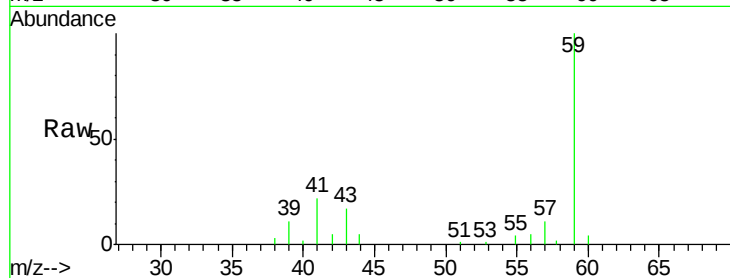
Tert butyl alcohol
 Concen: 82.901 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

Manual Integrations
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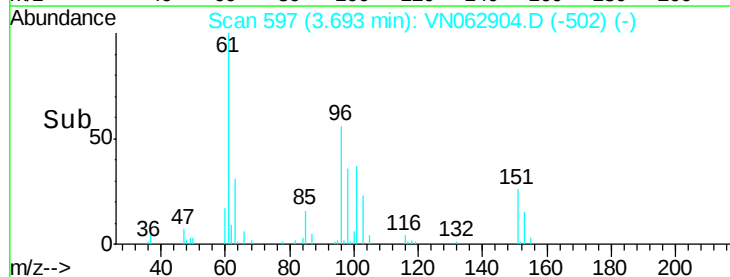
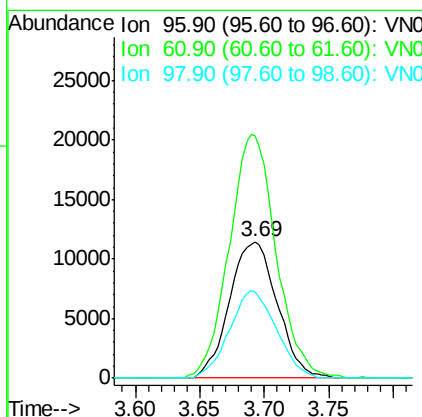
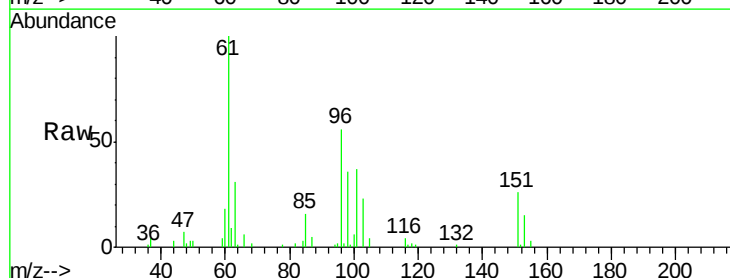
MMDadoda
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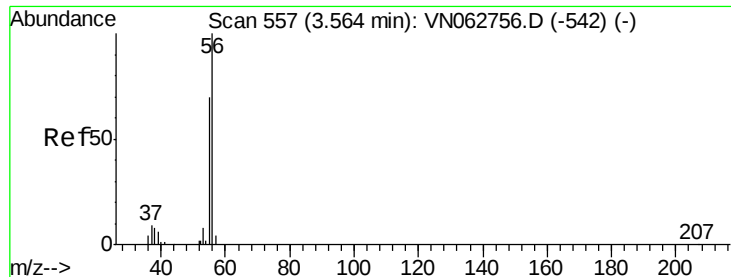


#12

1,1-Dichloroethene
 Concen: 19.310 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.6	139.0	208.6
98	63.5	50.2	75.4





#13

Acrolein

Concen: 84.338 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampled :

VN0813WBS01

Tot Ion: 56 Resp: 23956

Ion Ratio Lower Upper

56 100

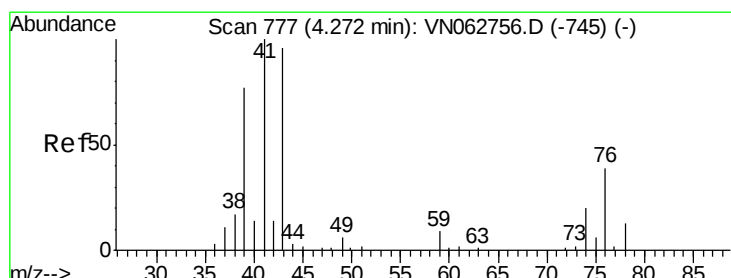
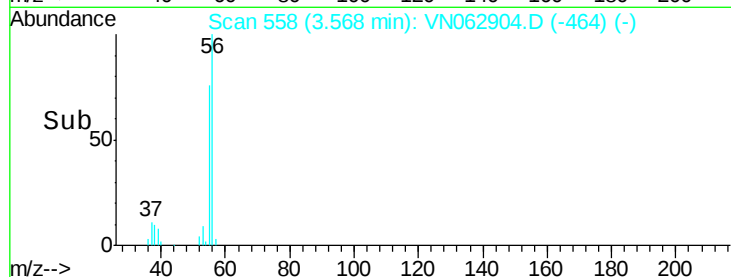
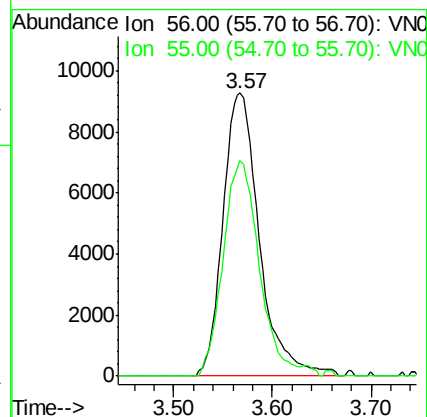
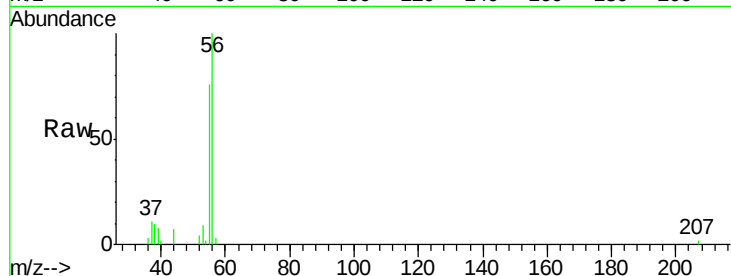
55 74.9 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 17.658 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

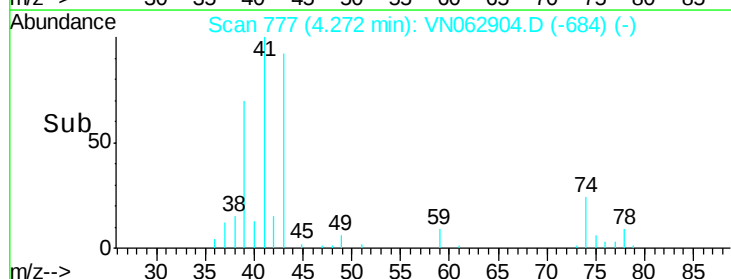
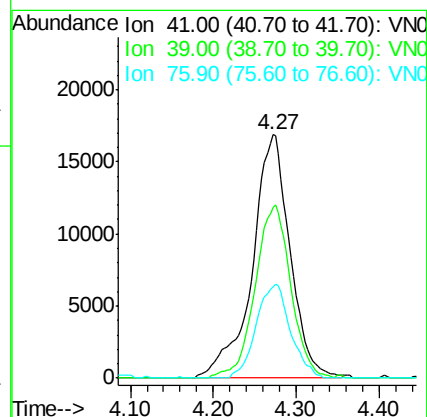
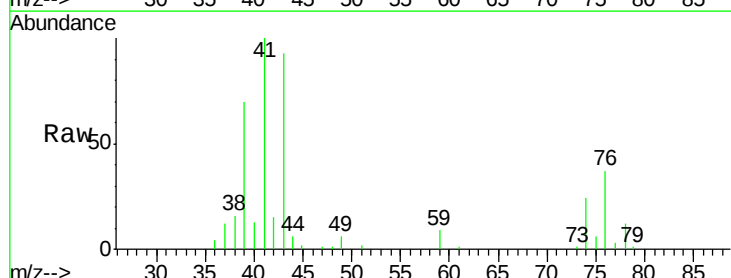
Tgt Ion: 41 Resp: 53512

Ion Ratio Lower Upper

41 100

39 66.9 55.7 83.5

76 34.7 27.5 41.3





#15

Acrylonitrile

Concen: 96.389 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

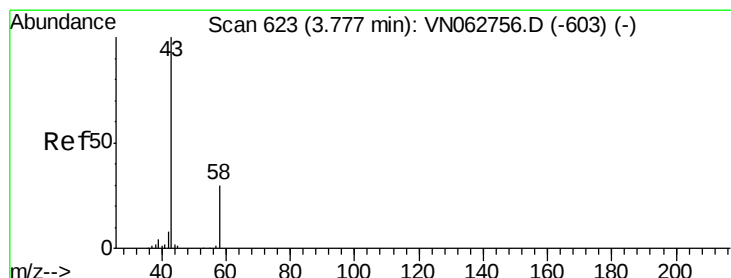
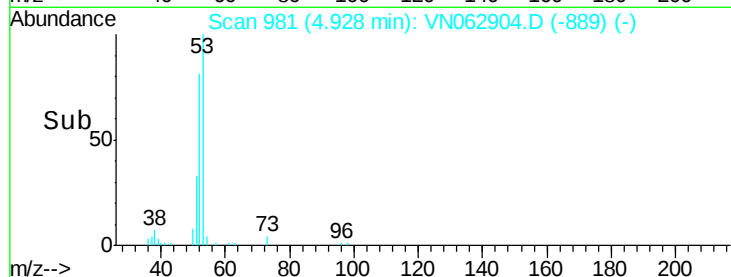
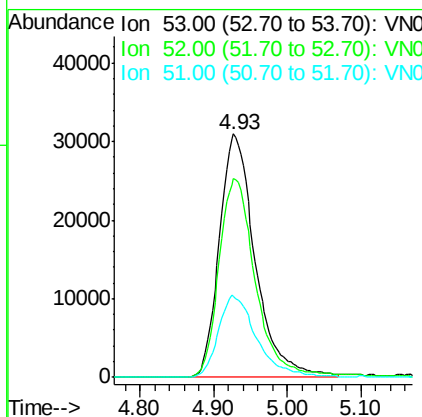
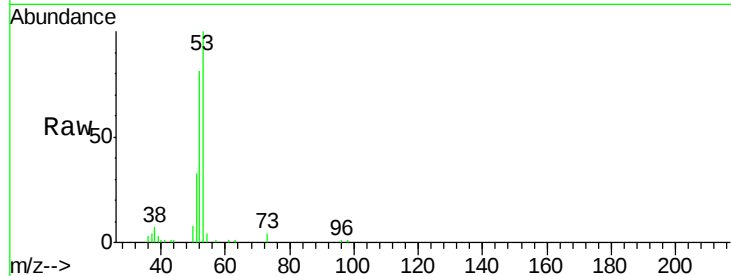
ClientSampleId :

VN0813WBS01

Tot Ion:	53	Resp:	104882
Ion Ratio		Lower	Upper
53	100		
52	82.1	66.8	100.2
51	35.7	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 88.837 ug/l

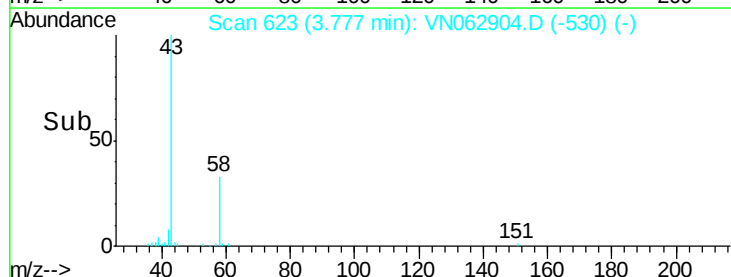
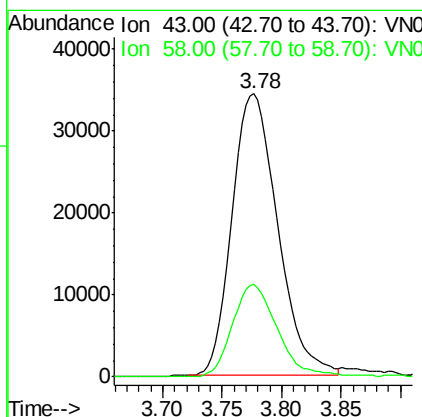
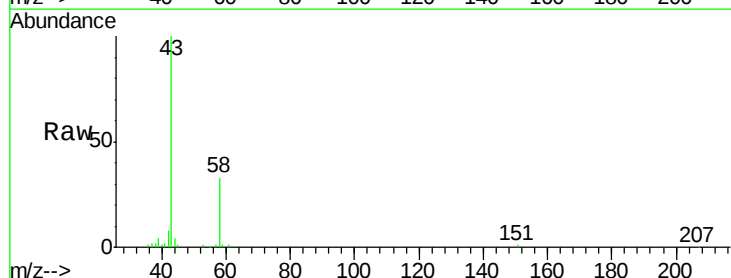
RT: 3.78 min Scan# 623

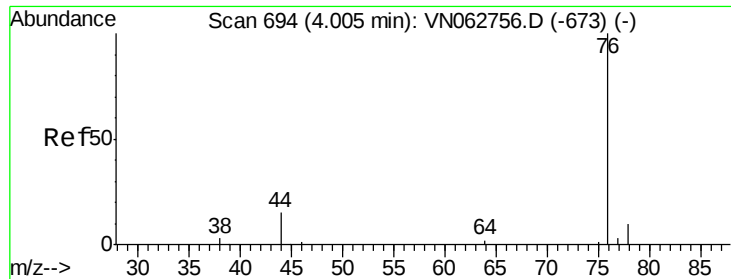
Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Tgt Ion:	43	Resp:	91883
Ion Ratio		Lower	Upper
43	100		
58	32.7	24.1	36.1





#17

Carbon Disulfide

Concen: 17.766 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tot Ion: 76 Resp: 76858

Ion Ratio Lower Upper

76 100

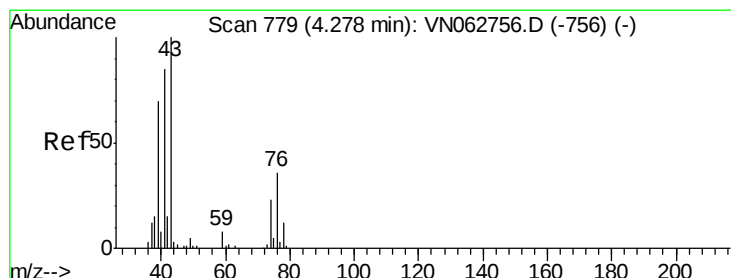
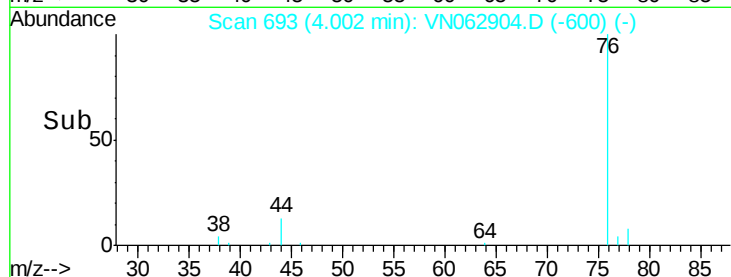
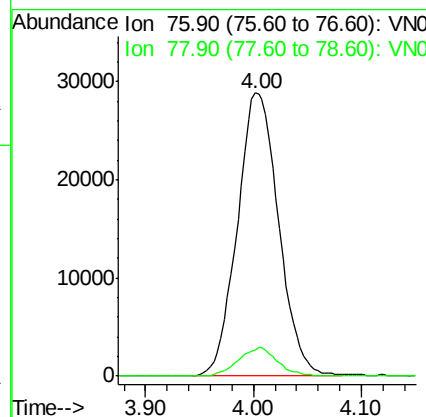
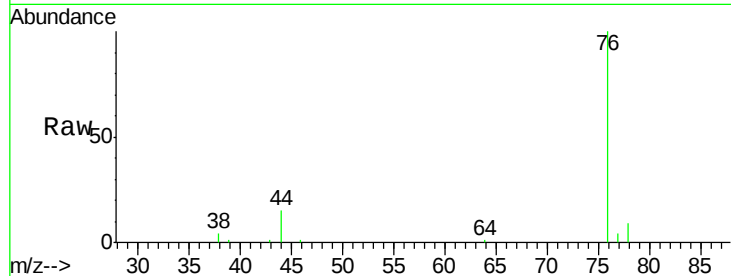
78 9.4 7.7 11.5

Manual Integrations

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#18

Methyl Acetate

Concen: 19.531 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062904.D

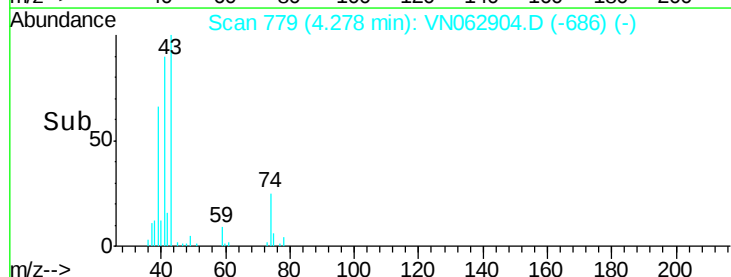
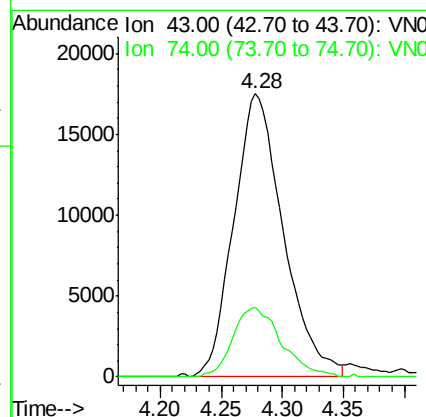
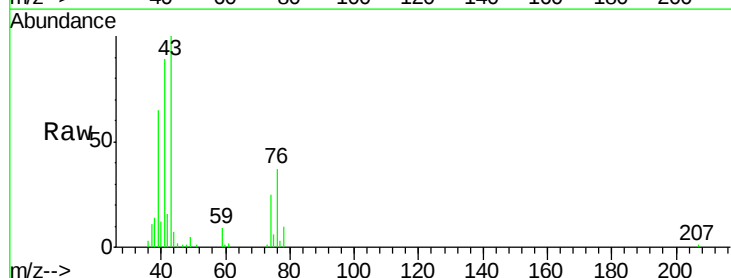
Acq: 13 Aug 2020 12:15

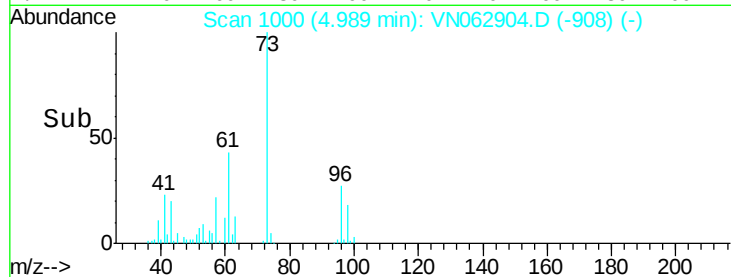
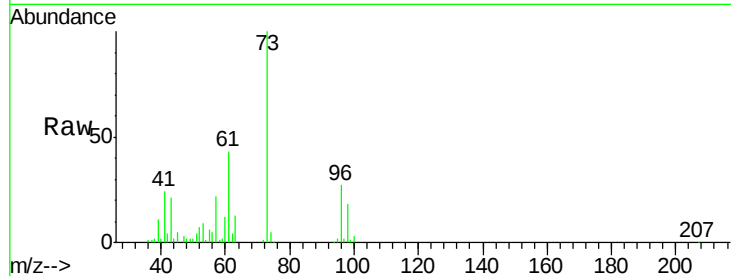
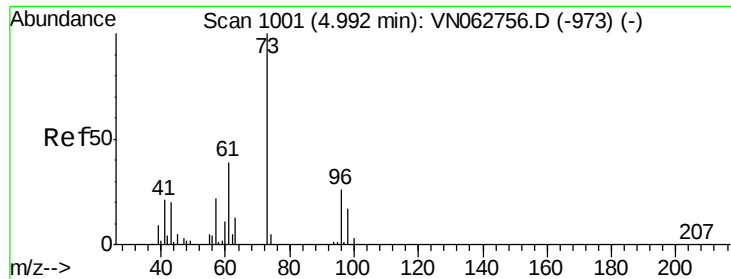
Tgt Ion: 43 Resp: 49463

Ion Ratio Lower Upper

43 100

74 23.9 18.6 28.0





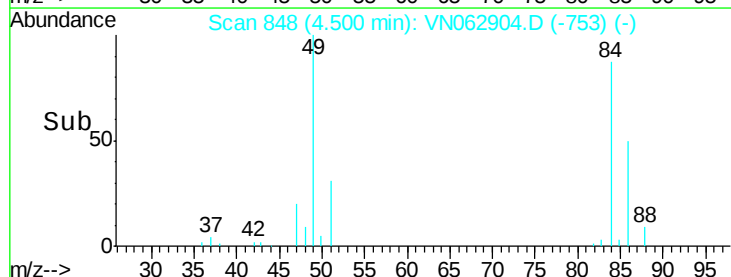
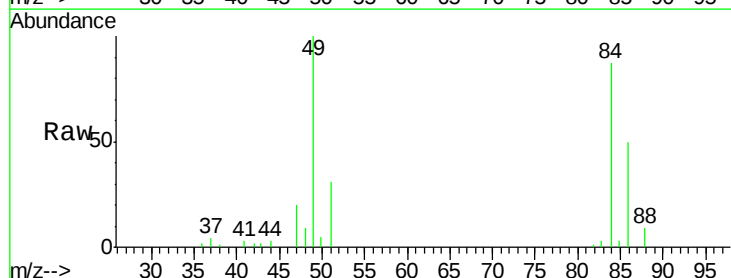
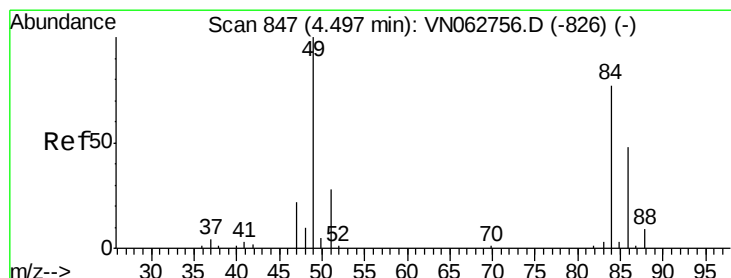
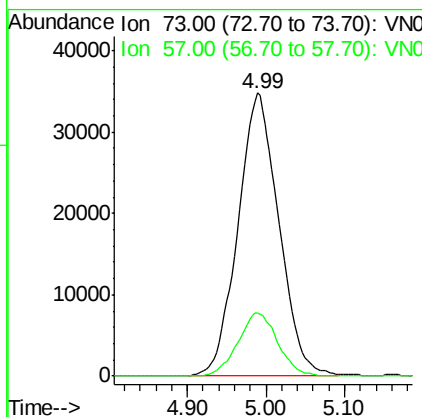
#19
Methyl tert-butyl Ether
Concen: 18.945 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tot Ion: 73 Resp: 127046
Ion Ratio Lower Upper
73 100
57 22.2 17.5 26.3

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

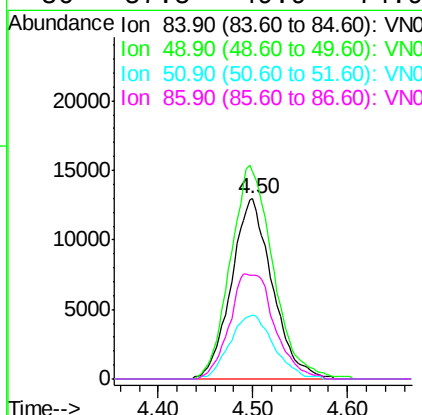
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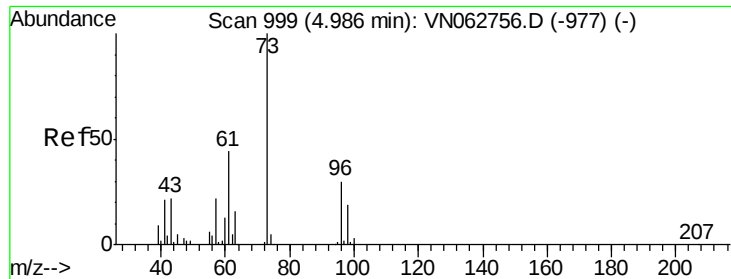
MMDadoda
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#20
Methylene Chloride
Concen: 20.203 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion: 84 Resp: 39098
Ion Ratio Lower Upper
84 100
49 115.3 103.4 155.2
51 35.5 29.3 43.9
86 57.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.220 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

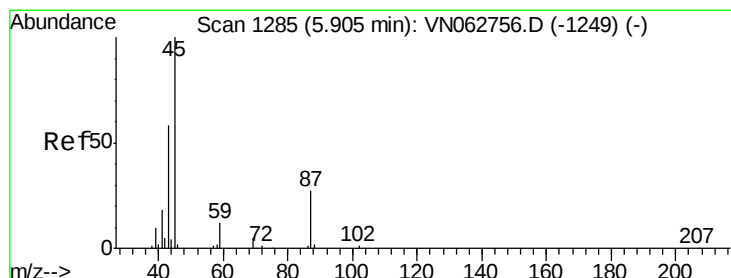
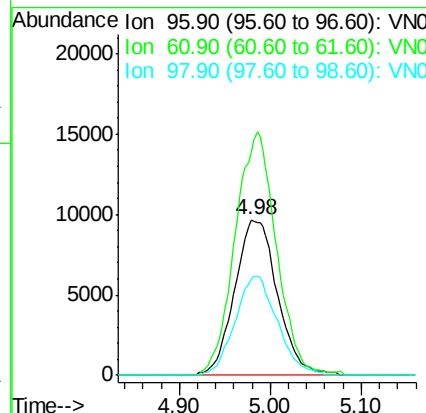
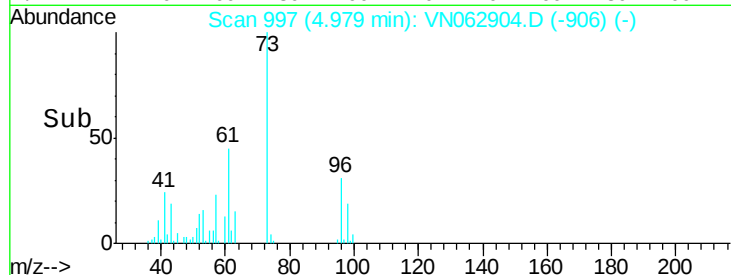
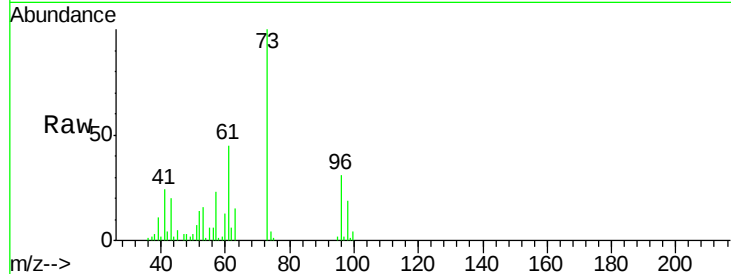
ClientSampleId :

VN0813WBS01

Tot Ion:	96	Resp:	31560
Ion	Ratio	Lower	Upper
96	100		
61	143.1	118.8	178.2
98	61.5	51.0	76.4

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#22

Diisopropyl ether

Concen: 20.168 ug/l

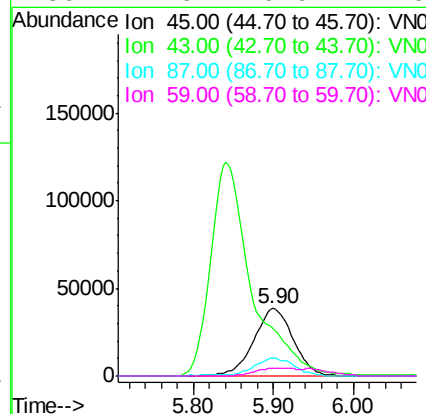
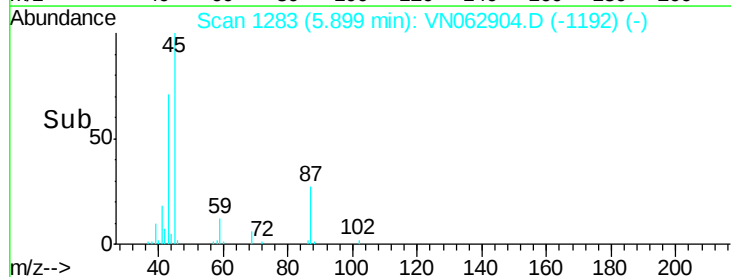
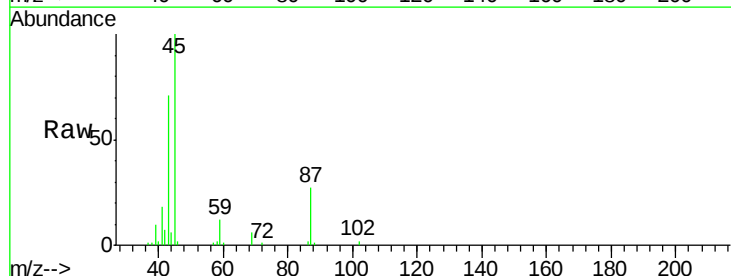
RT: 5.90 min Scan# 1283

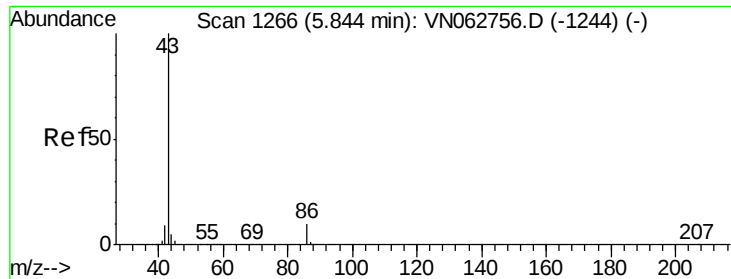
Delta R.T. -0.01 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Tgt Ion:	45	Resp:	130107
Ion	Ratio	Lower	Upper
45	100		
43	67.4	47.4	71.2
87	27.2	22.8	34.2
59	11.6	9.9	14.9





#23

Vinyl Acetate

Concen: 88.939 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampled :

VN0813WBS01

Tot Ion: 43 Resp: 436418

Ion Ratio Lower Upper

43 100

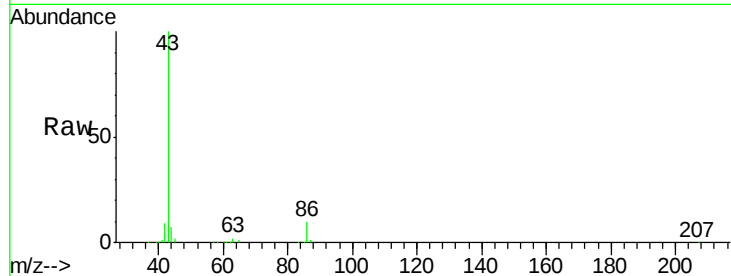
86 10.1 7.7 11.5

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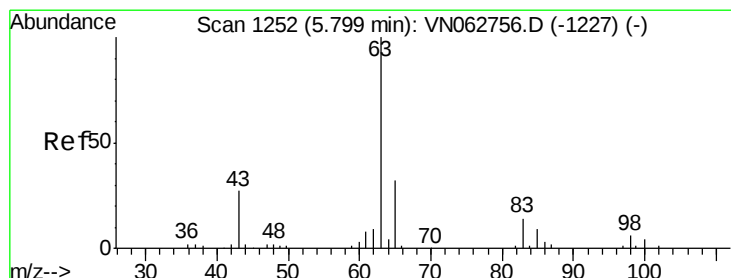
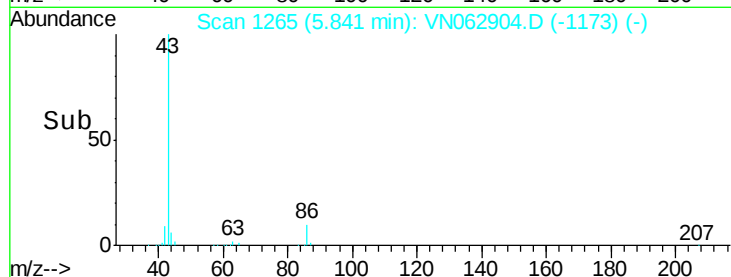
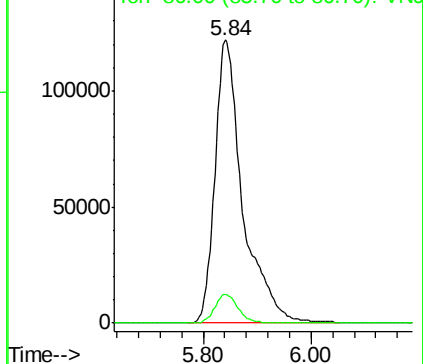
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.997 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

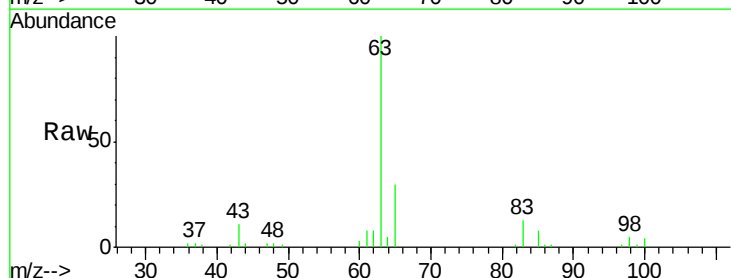
Tgt Ion: 63 Resp: 71821

Ion Ratio Lower Upper

63 100

98 5.4 3.0 9.2

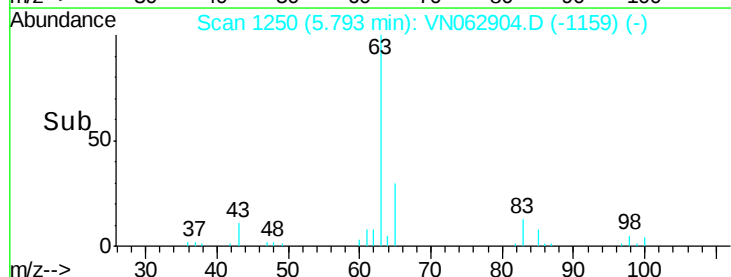
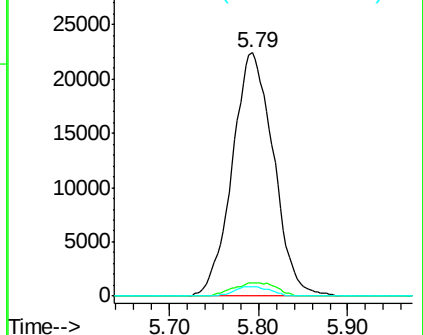
100 3.9 1.9 5.7

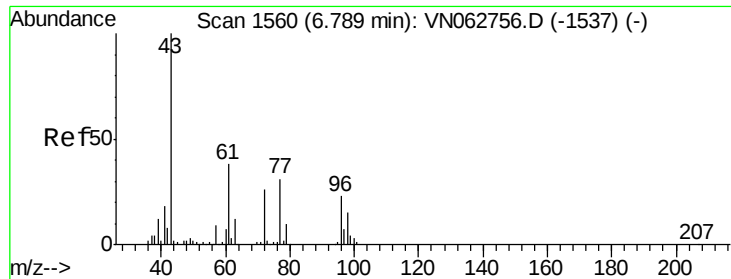


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





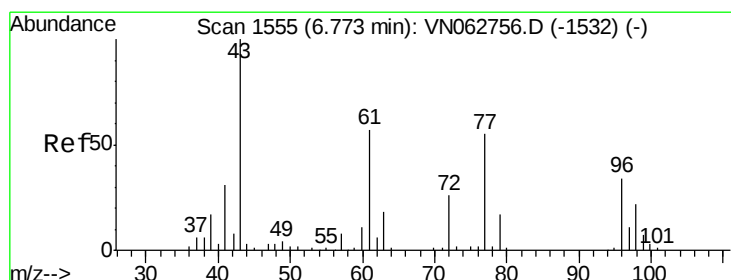
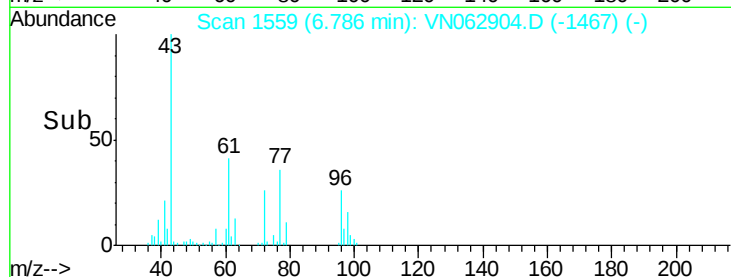
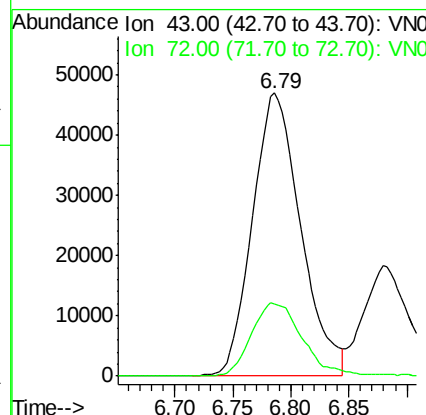
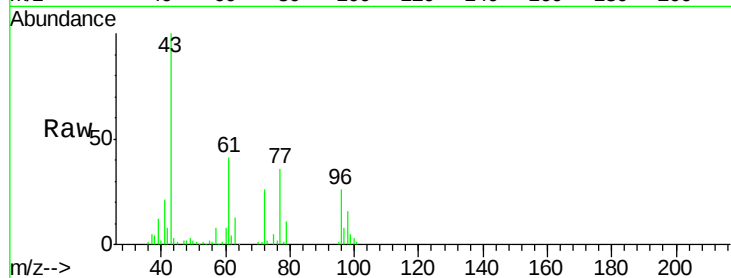
#25
2-Butanone
Concen: 93.104 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion: 43 Resp: 136385
Ion Ratio Lower Upper
43 100
72 25.7 21.1 31.7

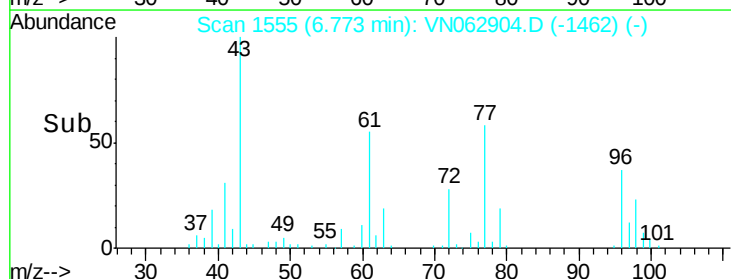
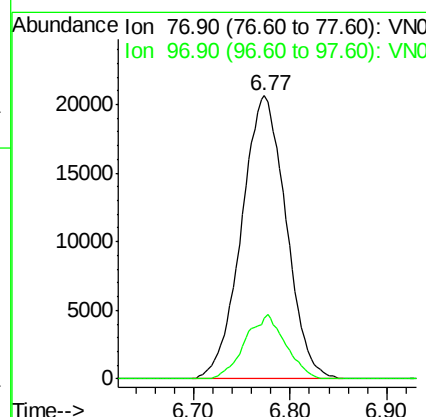
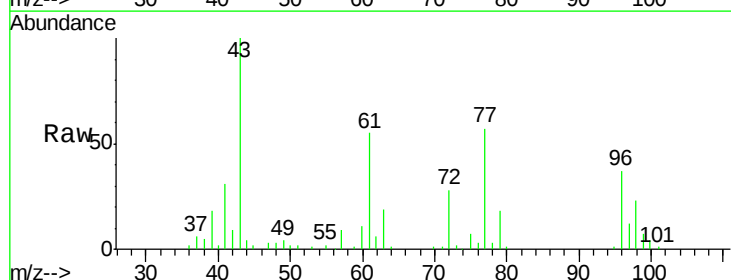
Manual Integrations
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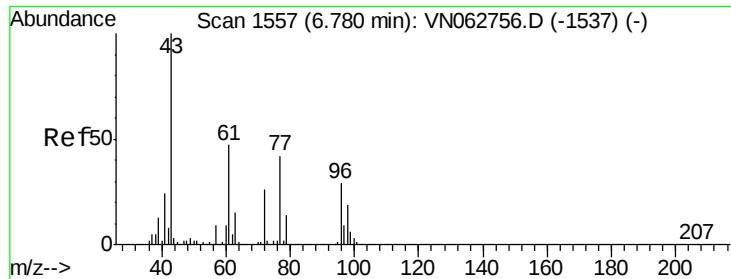
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#26
2,2-Dichloropropane
Concen: 18.893 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion: 77 Resp: 65839
Ion Ratio Lower Upper
77 100
97 20.7 10.5 31.6





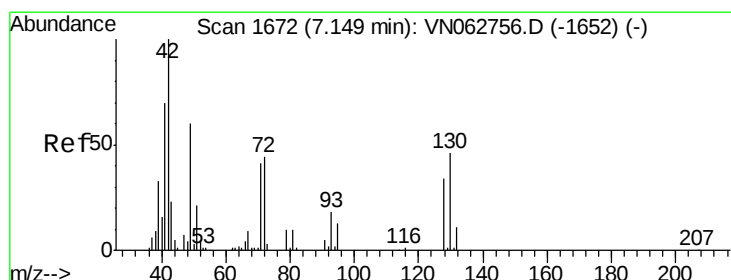
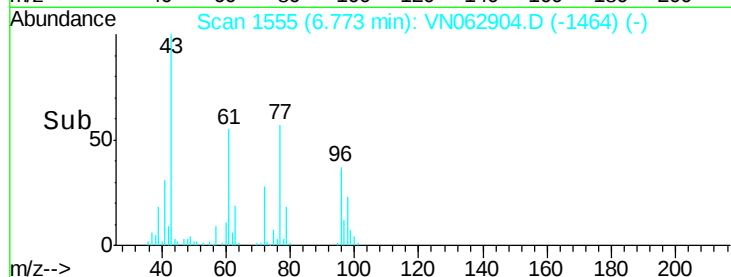
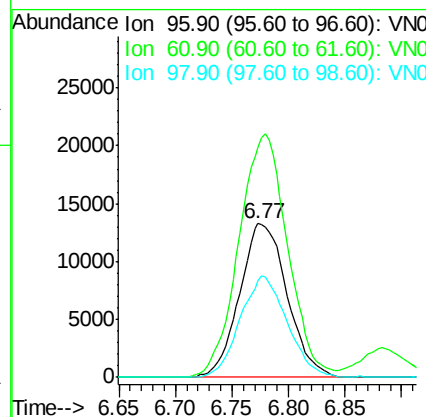
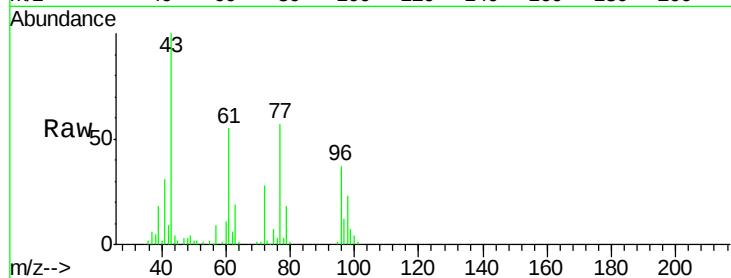
#27
 cis-1,2-Dichloroethene
 Concen: 18.647 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	162.4	0.0	332.2	
98	65.1	0.0	129.4	

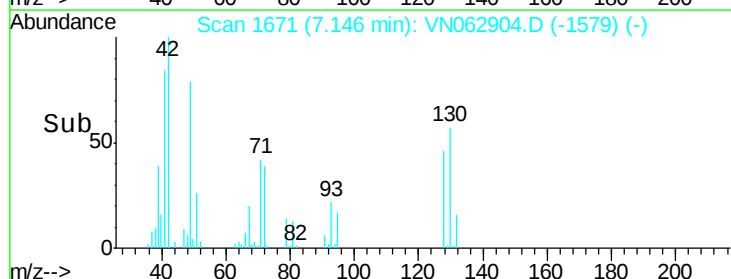
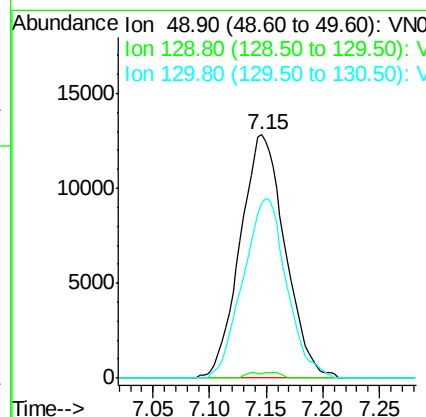
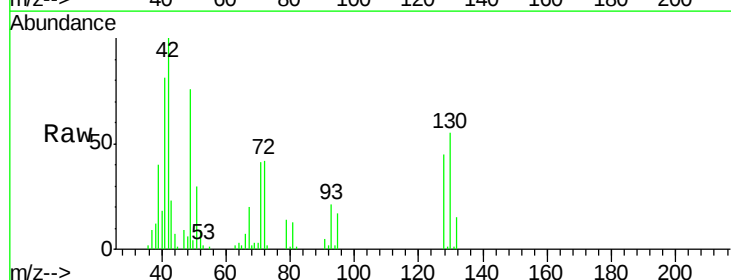
Manual Integrations
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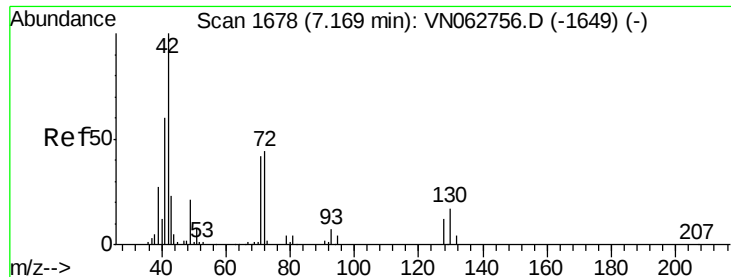
MMDadoda
 8/14/2020 4:50:02 PM



#28
 Bromochloromethane
 Concen: 19.396 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.9	0.0	3.2	
130	71.5	59.0	88.6	





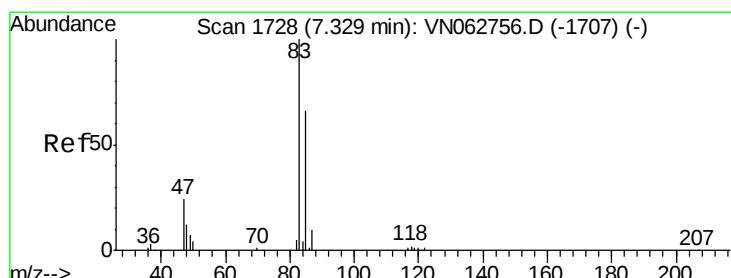
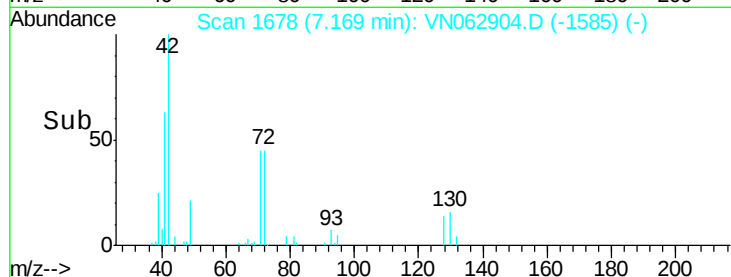
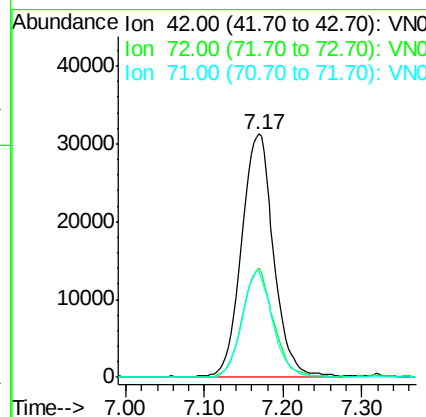
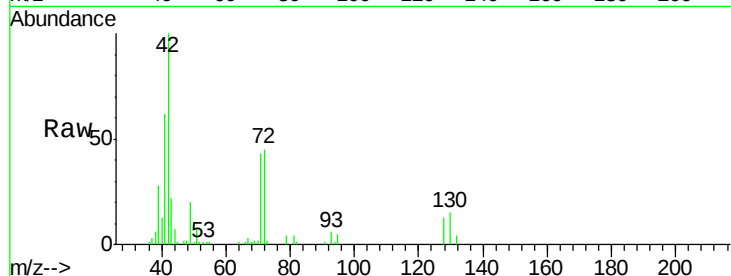
#29
Tetrahydrofuran
Concen: 94.498 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	35.0	52.4
71	41.8	33.2	49.8

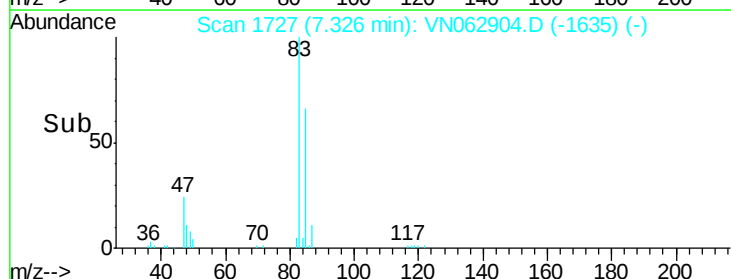
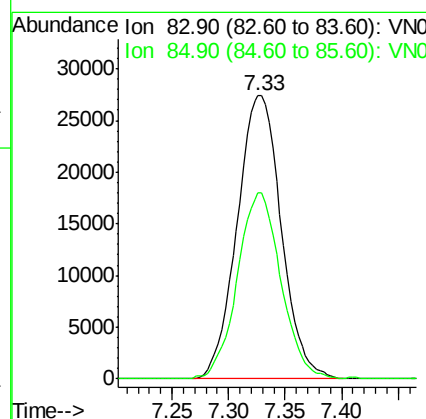
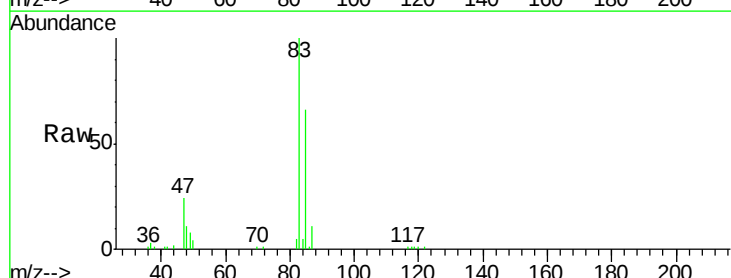
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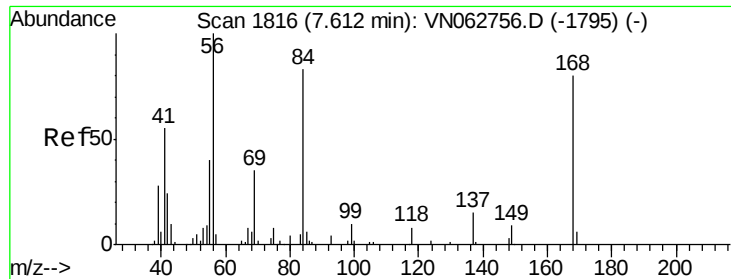
MMDadoda
8/14/2020 4:50:02 PM



#30
Chloroform
Concen: 18.506 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.7	79.1





#31

Cyclohexane

Concen: 18.770 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tot Ion: 56 Resp: 65139

Ion Ratio Lower Upper

56 100

69 38.7 28.1 42.1

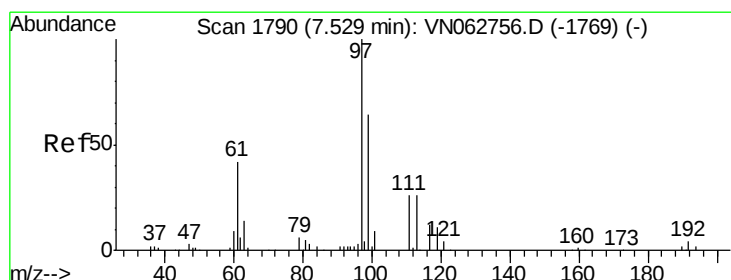
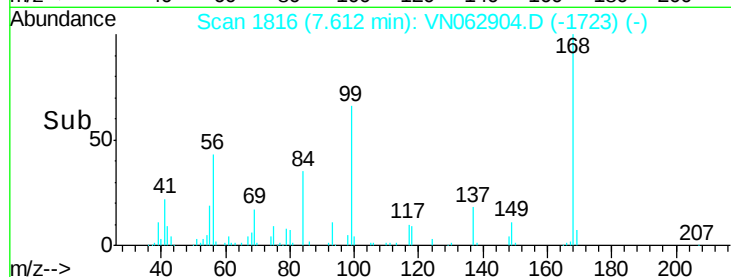
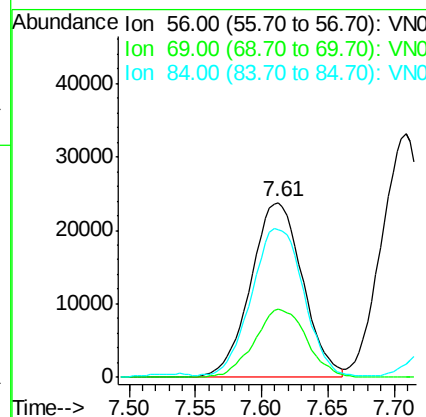
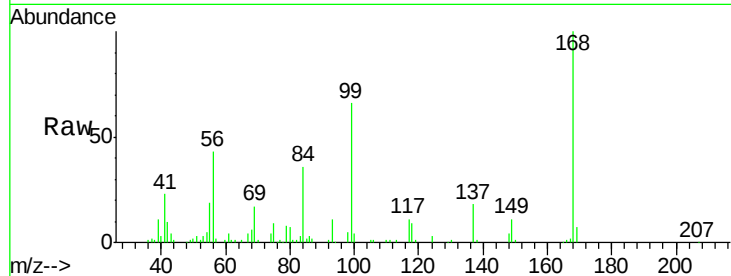
84 83.2 66.8 100.2

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.261 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

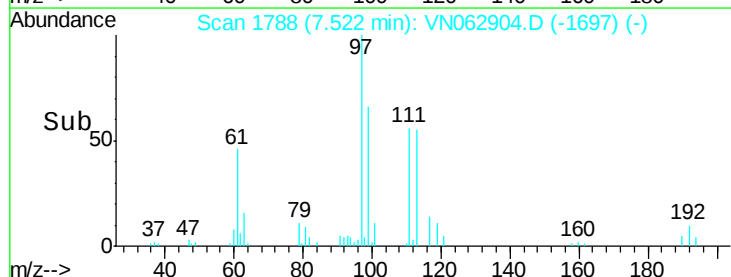
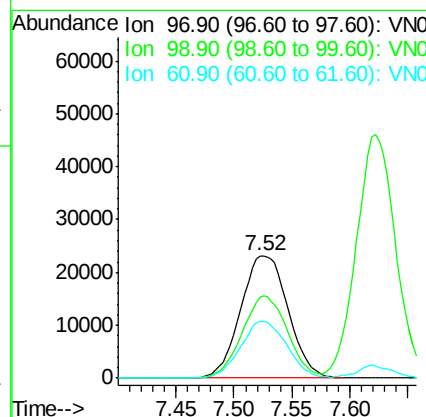
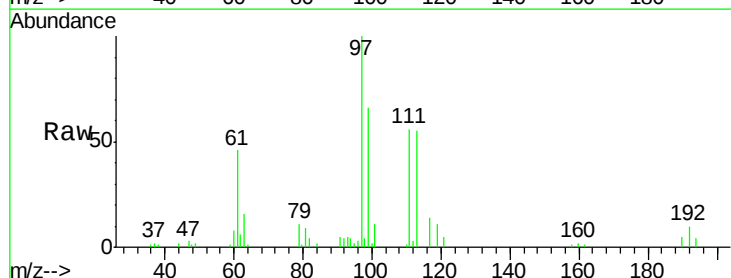
Tgt Ion: 97 Resp: 65598

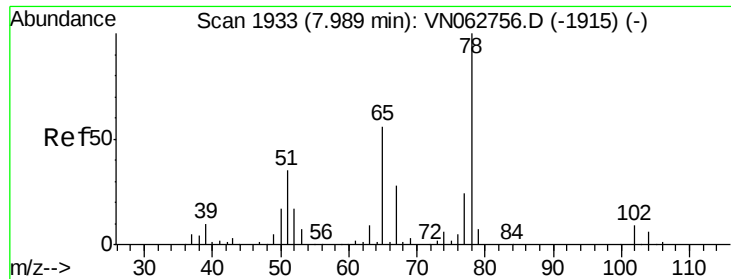
Ion Ratio Lower Upper

97 100

99 64.2 50.0 75.0

61 45.3 34.8 52.2





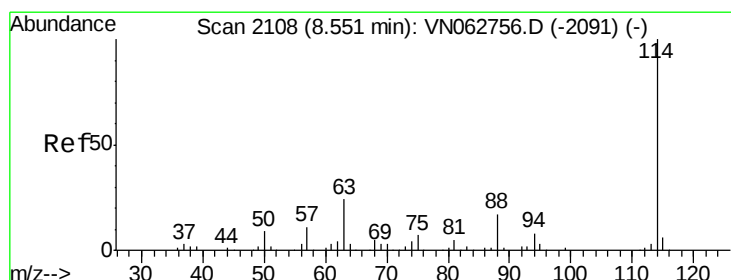
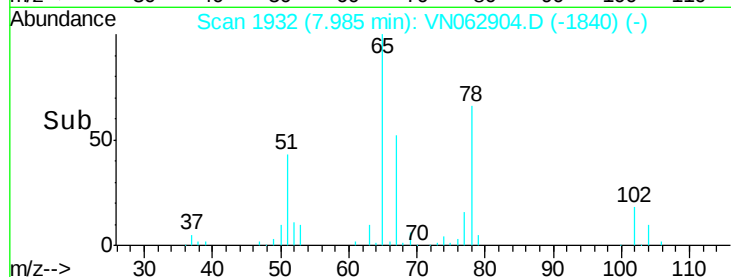
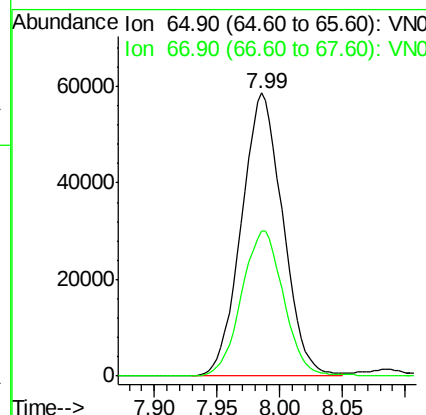
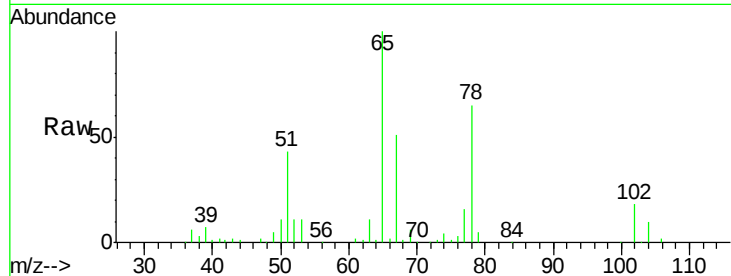
#33
 1,2-Dichloroethane-d4
 Concen: 47.048 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.2	0.0	101.4	

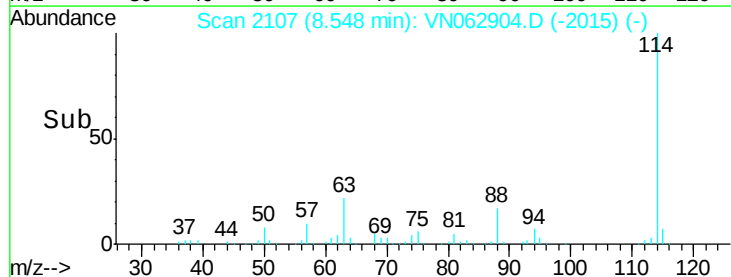
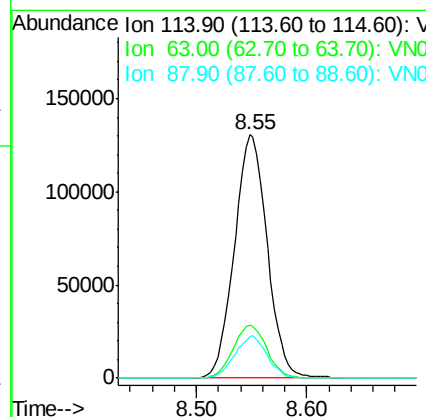
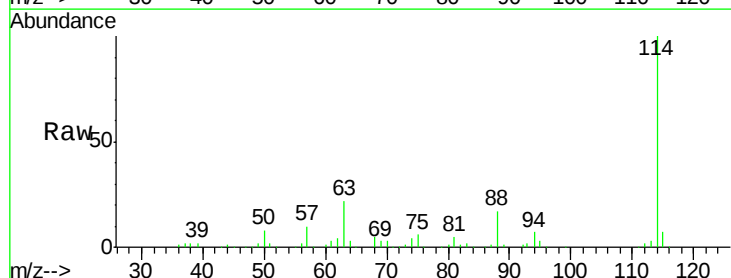
Manual Integrations
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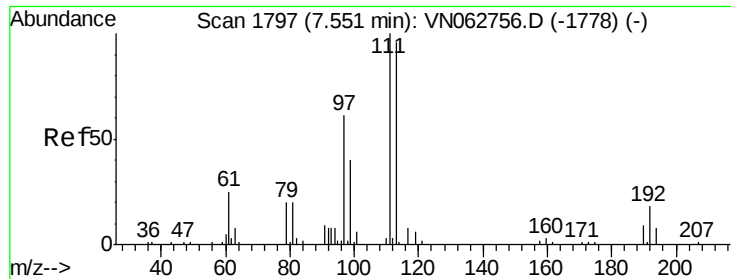
MMDadoda
 8/14/2020 4:50:02 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.9	0.0	47.6	
88	17.0	0.0	34.4	





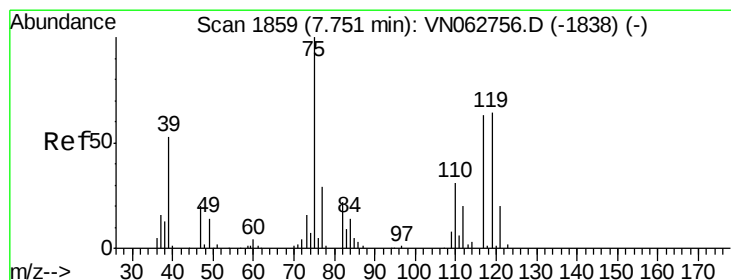
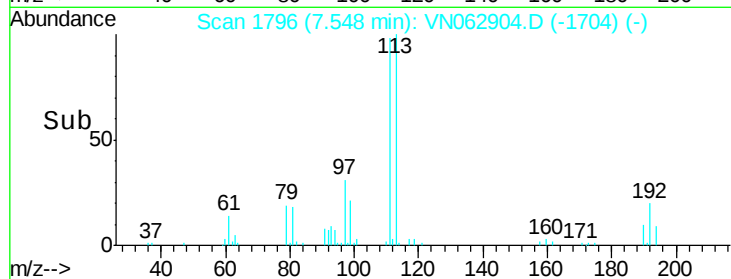
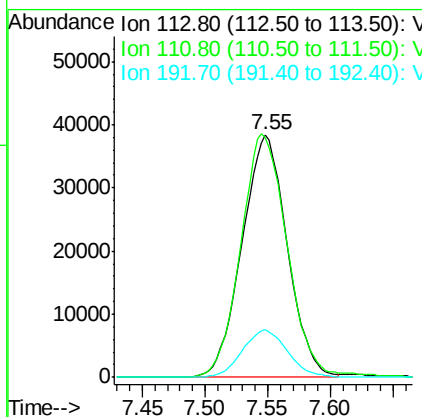
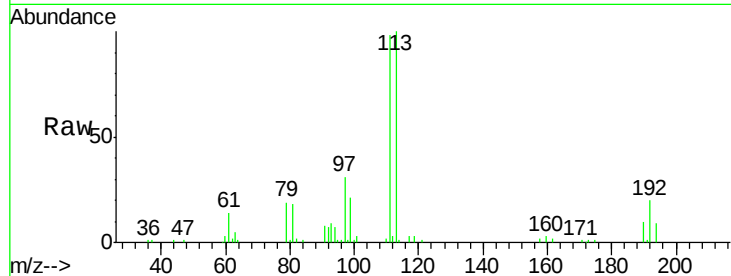
#35
 Dibromofluoromethane
 Concen: 52.235 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.6
192	19.5	15.0	22.4

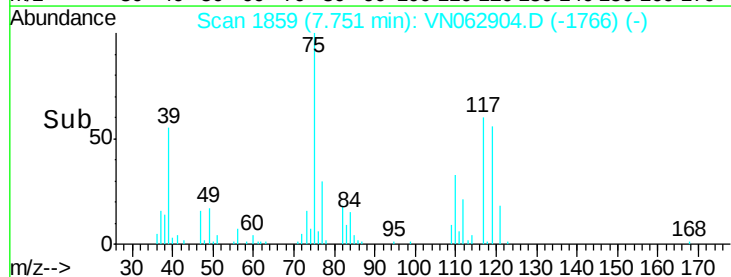
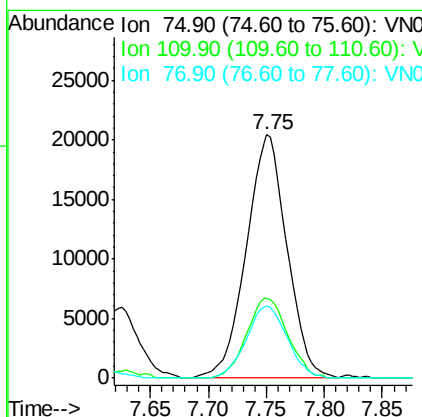
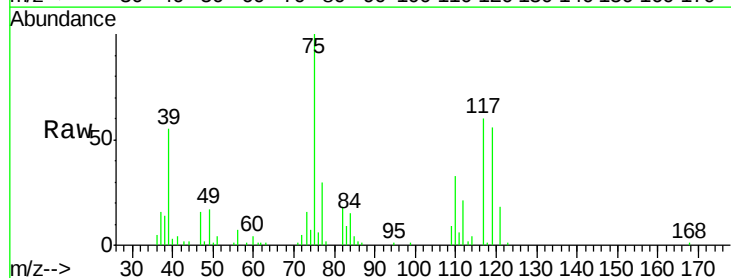
Manual Integrations
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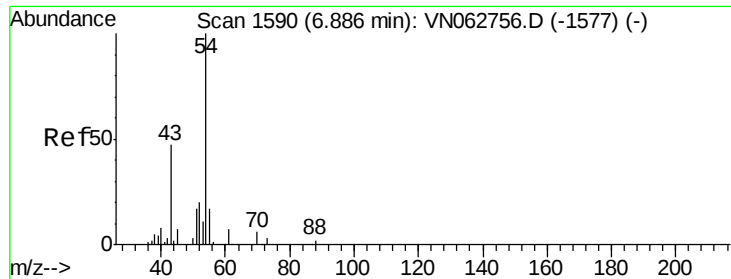
MMDadoda
 8/14/2020 4:50:02 PM



#36
 1,1-Dichloropropene
 Concen: 19.013 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	15.6	46.7
77	29.9	24.1	36.1





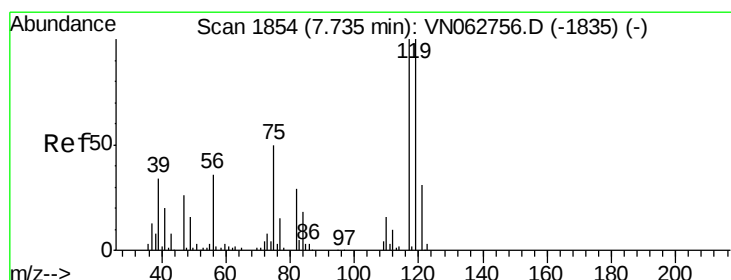
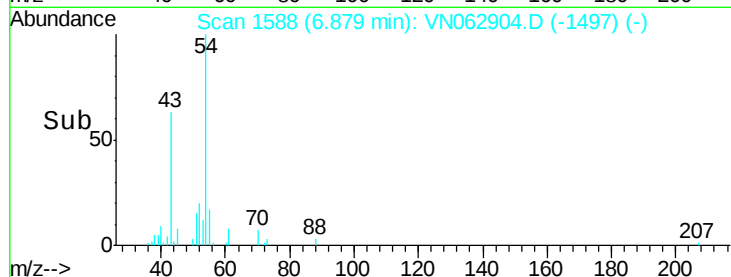
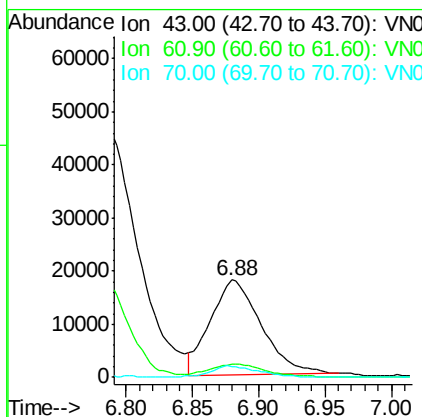
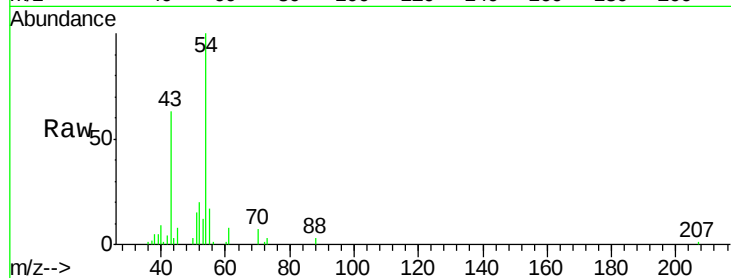
#37
Ethyl Acetate
Concen: 17.452 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion	43	Resp	47812
Ion Ratio	100	Lower	Upper
43	100		
61	15.6	12.1	18.1
70	11.5	8.3	12.5

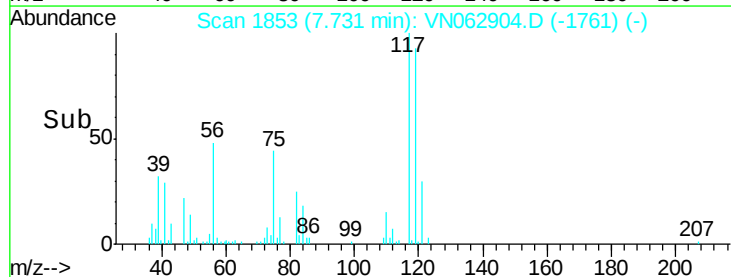
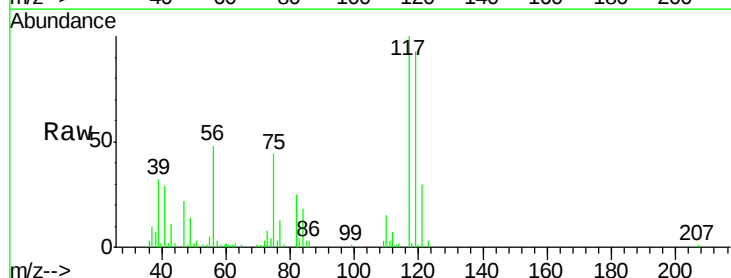
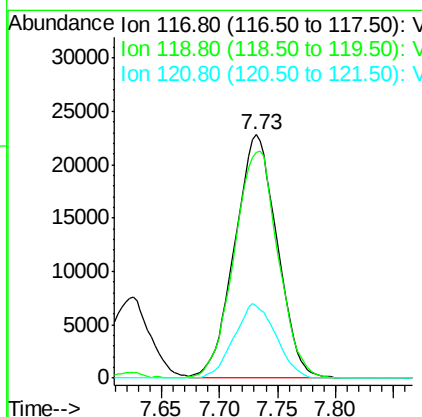
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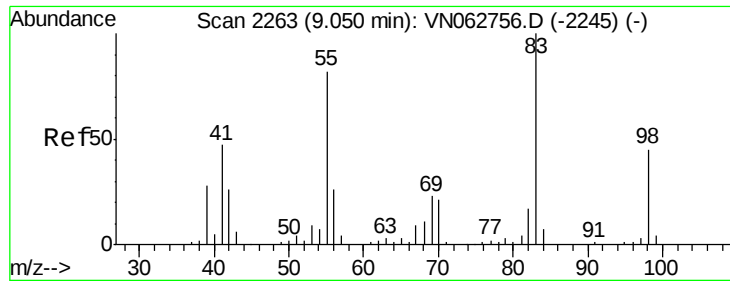
MMDadoda
8/14/2020 4:50:02 PM



#38
Carbon Tetrachloride
Concen: 18.721 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion	117	Resp	58069
Ion Ratio	100	Lower	Upper
117	100		
119	92.6	79.4	119.2
121	29.6	24.9	37.3





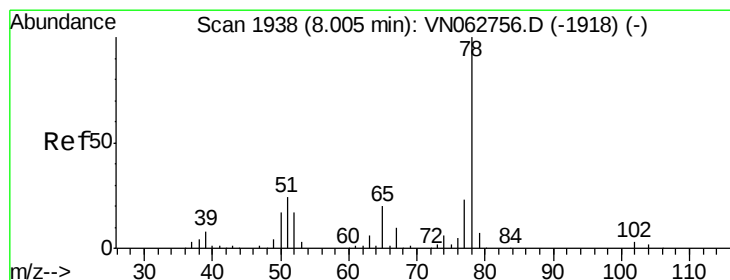
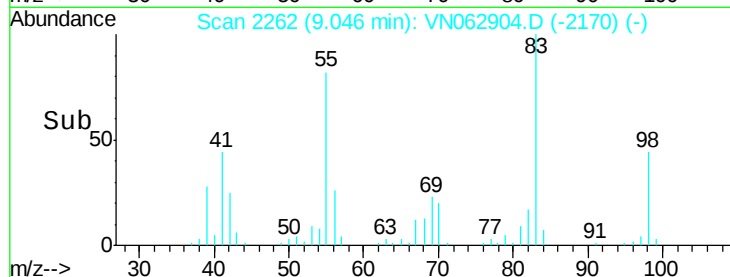
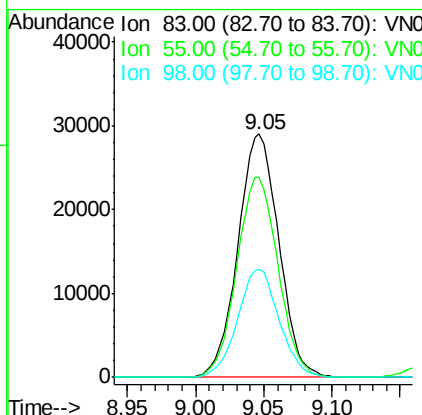
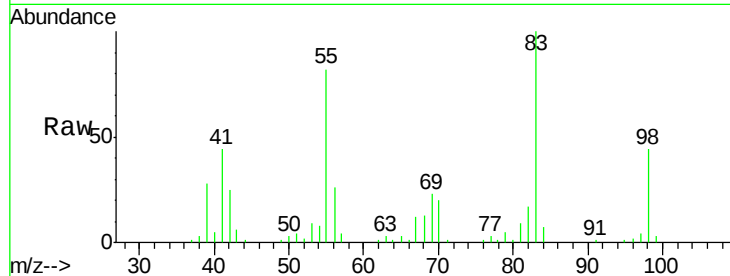
#39
Methvlcvclohexane
Concen: 19.151 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.9	65.7	98.5
98	44.4	35.6	53.4

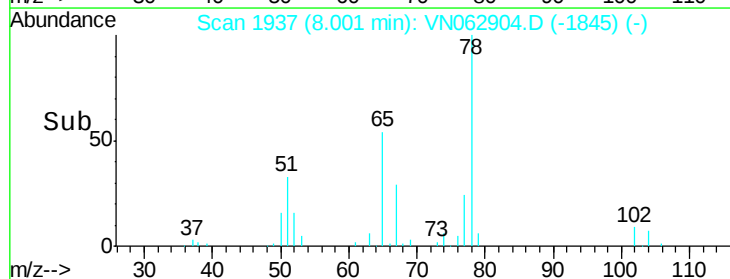
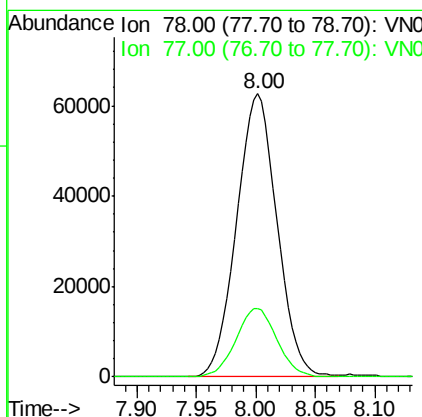
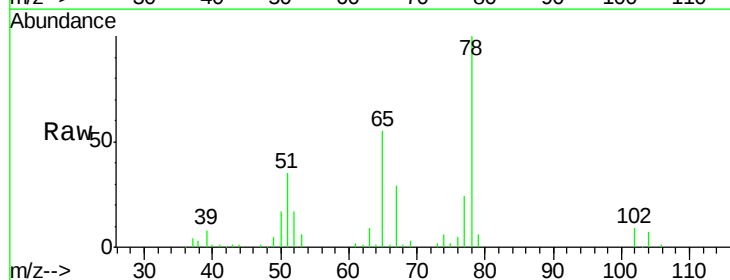
Manual Integrations
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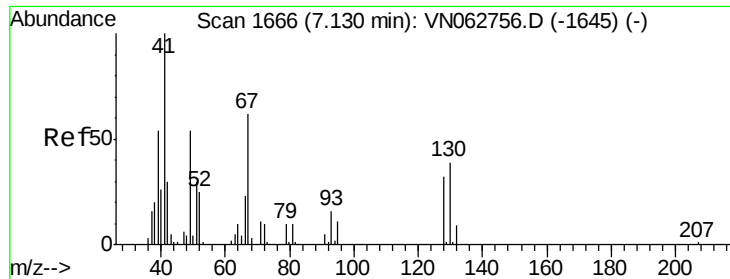
MMDadoda
8/14/2020 4:50:02 PM



#40
Benzene
Concen: 18.852 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.1	27.1





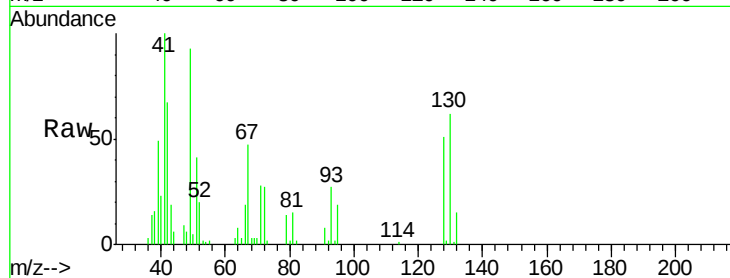
#41
Methacrylonitrile
Concen: 21.011 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

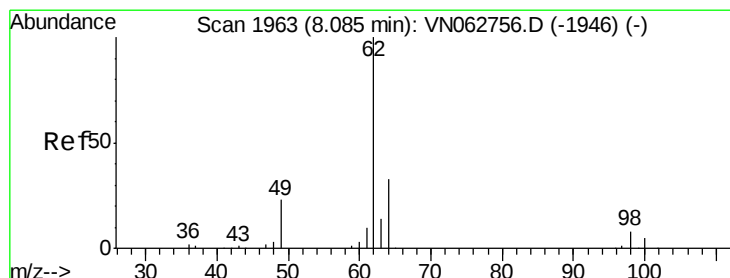
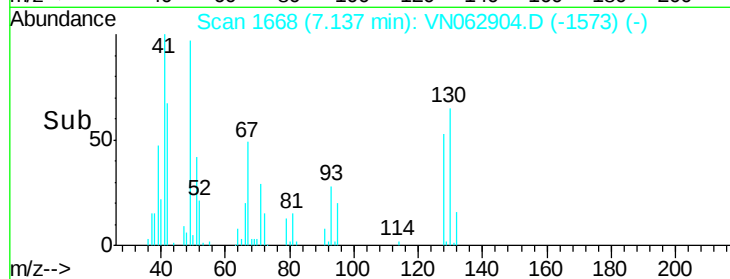
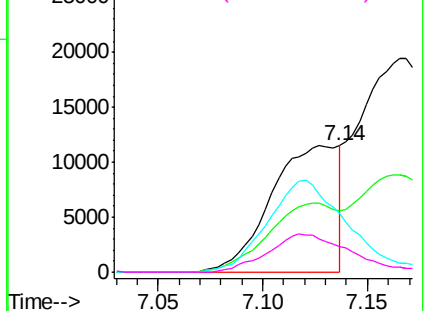
Tot Ion	Ratio	Lower	Upper
41	100		
39	86.9	69.4	104.2
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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8/14/2020 4:50:02 PM

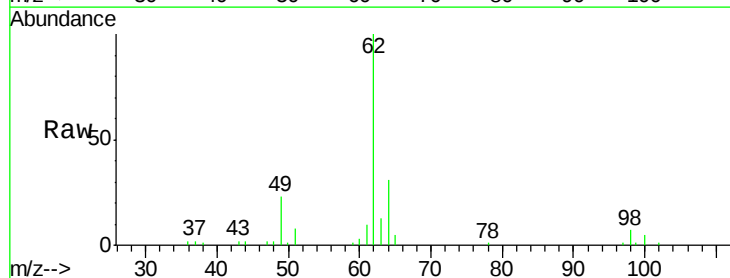


Abundance Ion 41.00 (40.70 to 41.70): VN062756.D (-1645) (-)

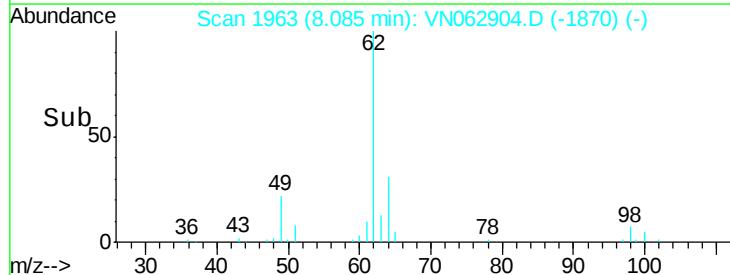
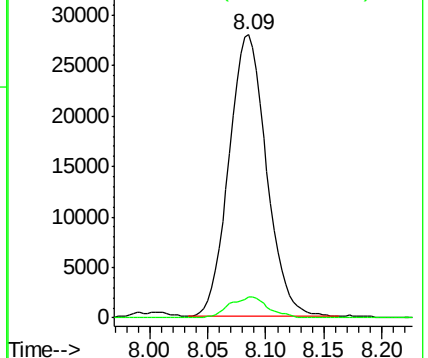


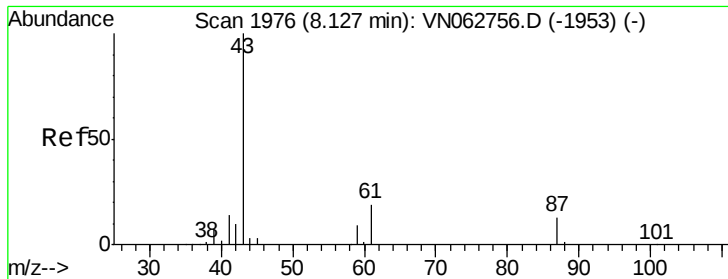
#42
1,2-Dichloroethane
Concen: 18.836 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN062756.D (-1946) (-)





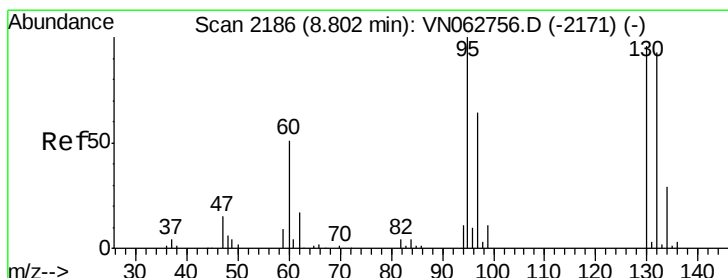
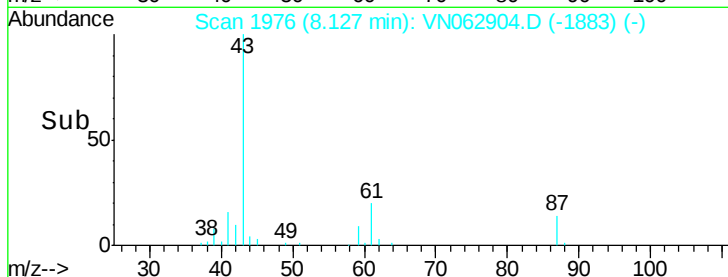
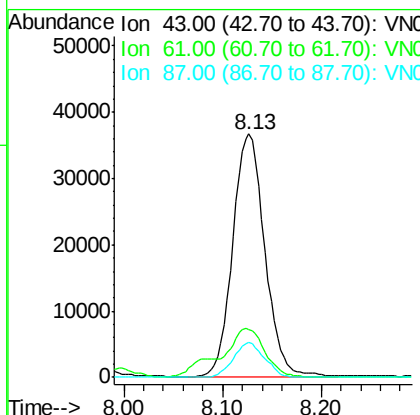
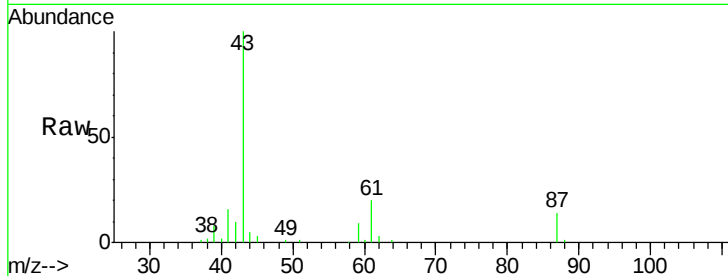
#43
Isopropyl Acetate
Concen: 18.307 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.9	15.8	23.6#
87	13.7	9.9	14.9

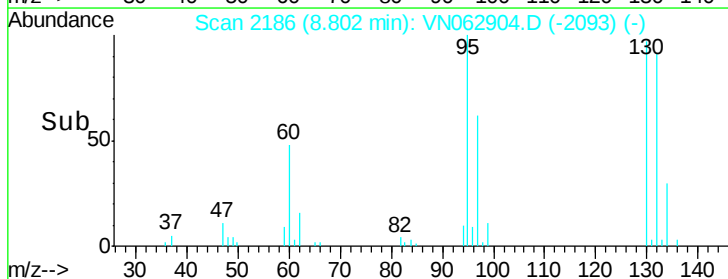
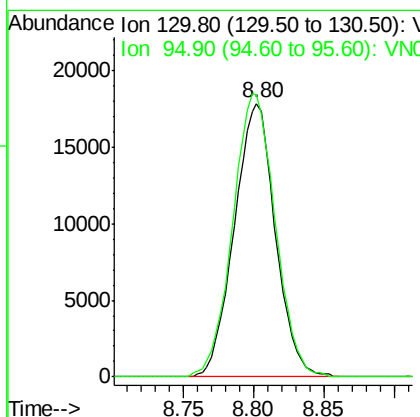
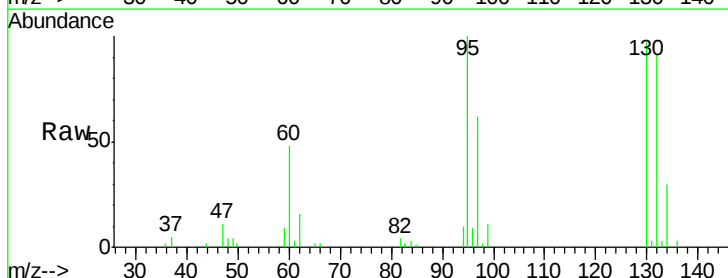
Manual Integrations
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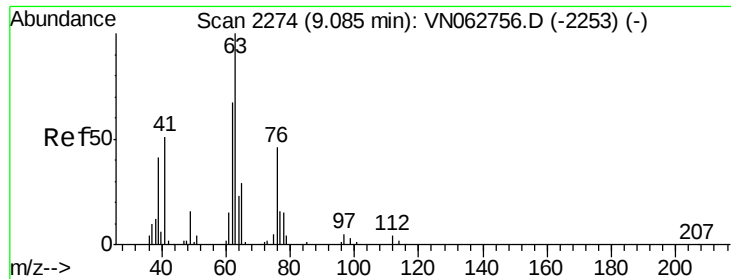
MMDadoda
8/14/2020 4:50:02 PM



#44
Trichloroethene
Concen: 19.058 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	207.6





#45

1,2-Dichloropropane

Concen: 20.193 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tot Ion: 63 Resp: 42773

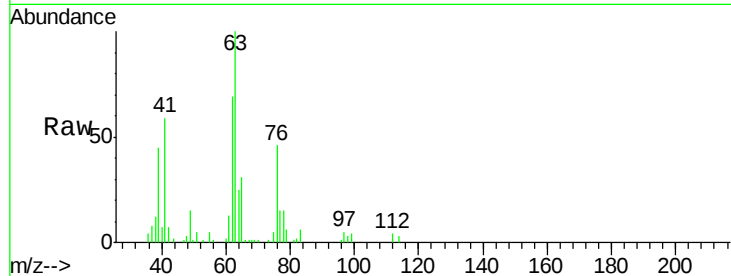
Ion Ratio Lower Upper

63 100

65 30.8 23.5 35.3

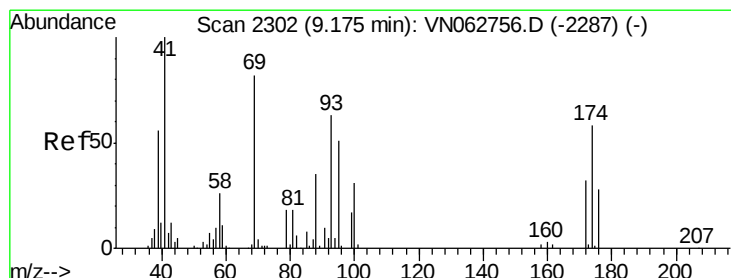
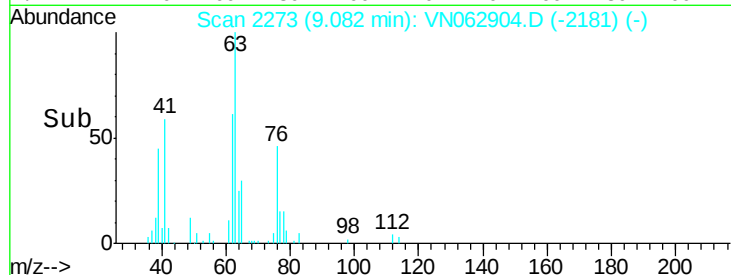
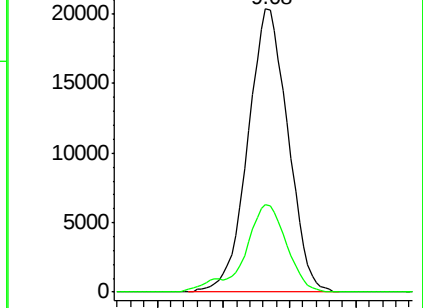
Manual Integrations
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.085 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

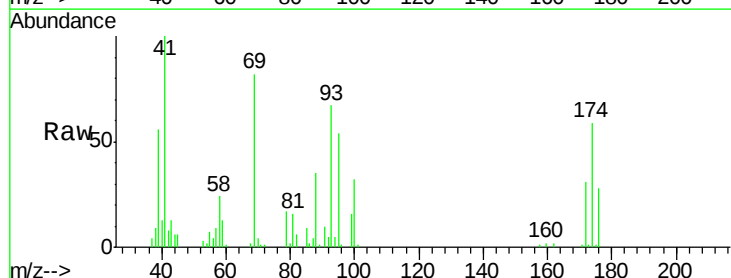
Tgt Ion: 93 Resp: 27876

Ion Ratio Lower Upper

93 100

95 82.6 65.1 97.7

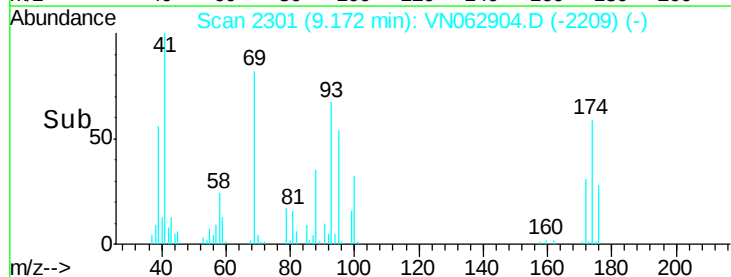
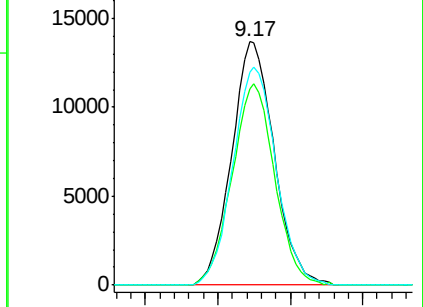
174 91.2 73.9 110.9

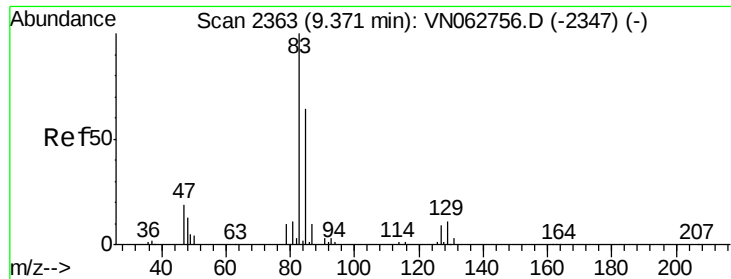


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.591 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

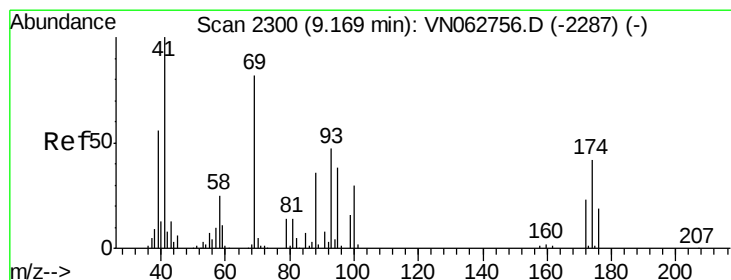
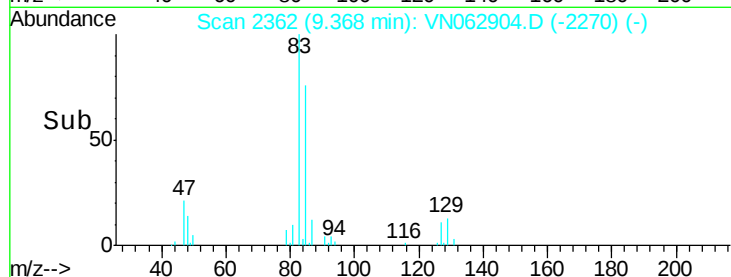
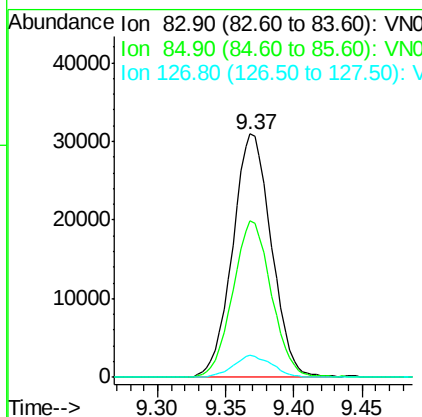
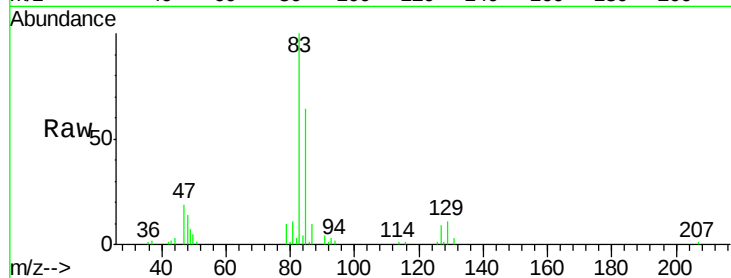
ClientSampleId :

VN0813WBS01

Tot Ion:	83	Resp:	61066
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.0
127	9.0	6.9	10.3

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#48

Methyl methacrylate

Concen: 18.672 ug/l

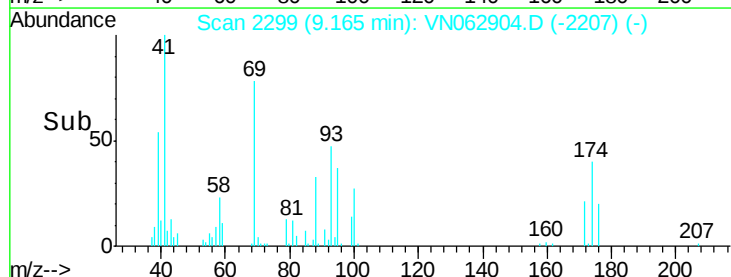
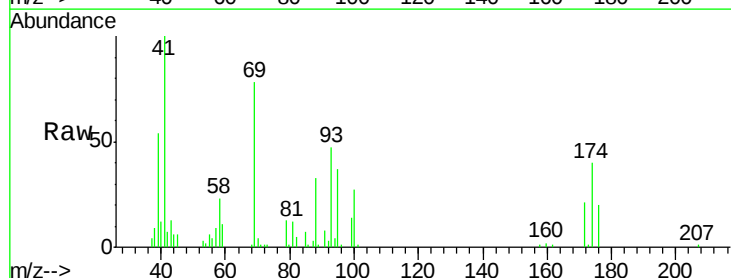
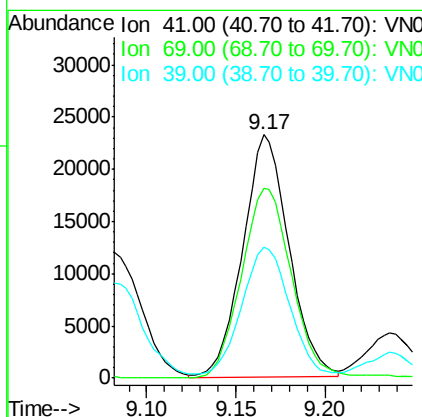
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Tgt Ion:	41	Resp:	41969
Ion	Ratio	Lower	Upper
41	100		
69	84.7	67.4	101.2
39	57.3	47.6	71.4





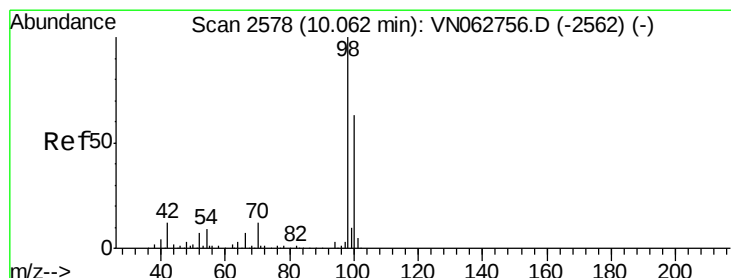
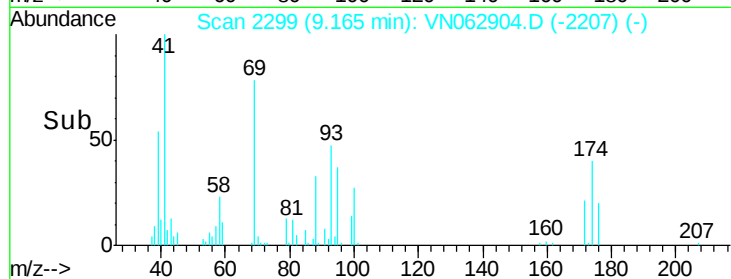
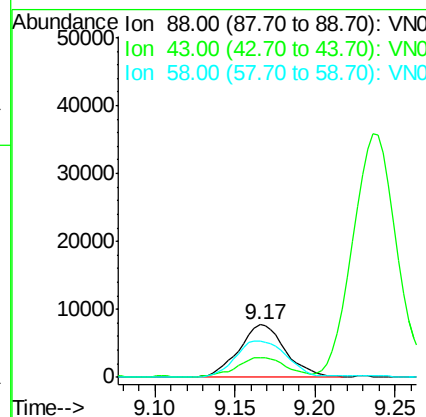
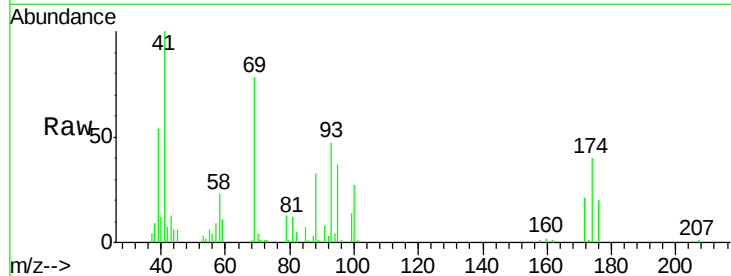
#49
1,4-Dioxane
Concen: 371.539 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	40.7	29.5	44.3	
58	76.4	59.8	89.8	

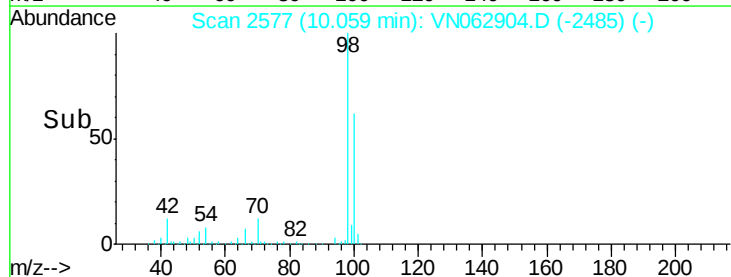
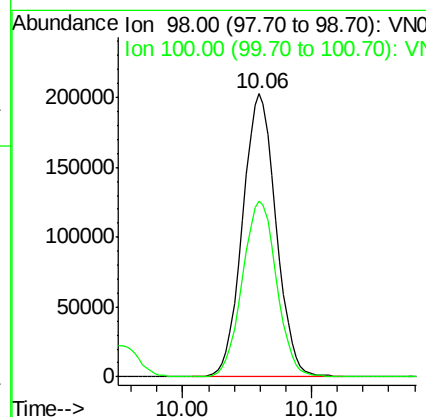
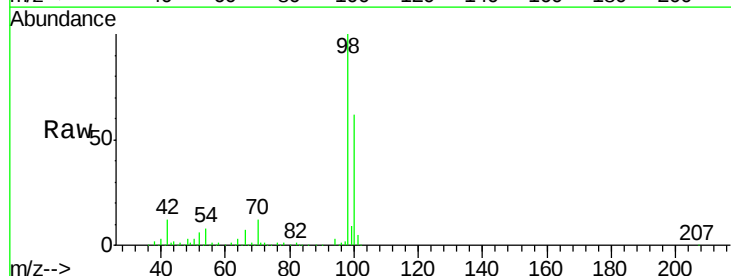
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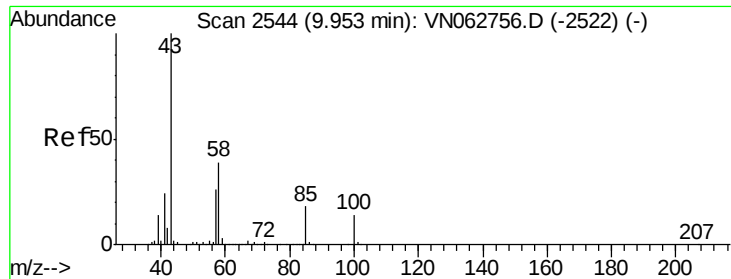
MMDadoda
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#50
Toluene-d8
Concen: 50.902 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	63.7	50.9	76.3	





#51

4-Methyl-2-Pentanone

Concen: 96.091 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tot Ion: 43 Resp: 284110

Ion Ratio Lower Upper

43 100

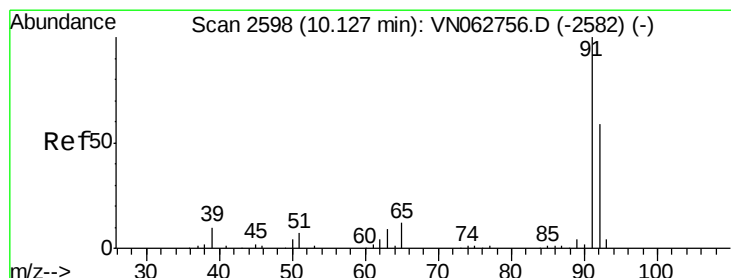
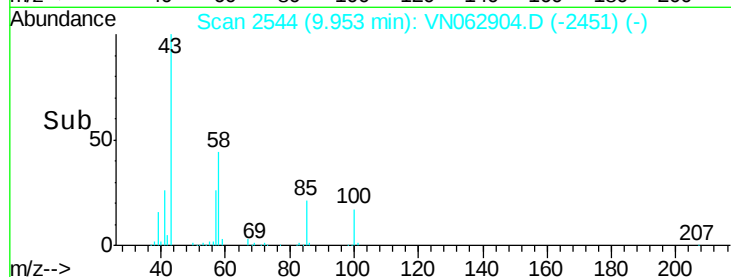
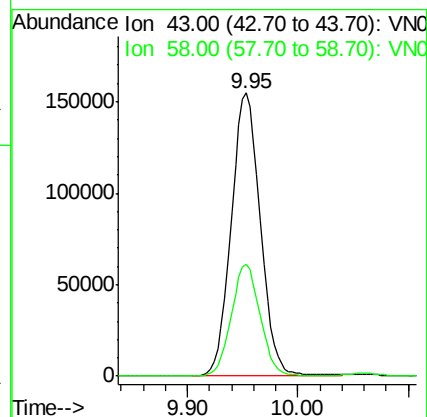
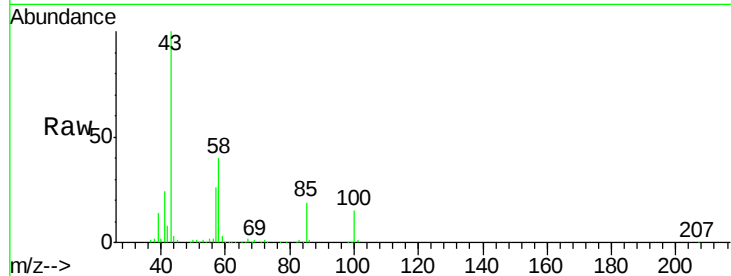
58 39.0 31.1 46.7

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#52

Toluene

Concen: 19.567 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062904.D

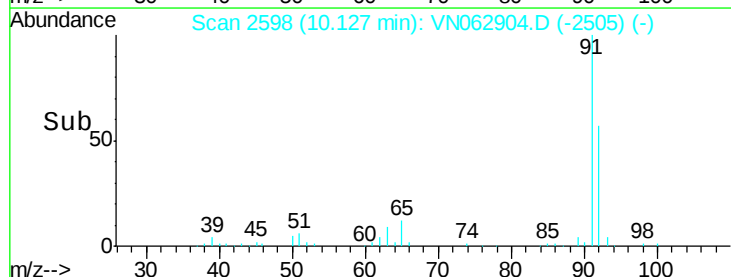
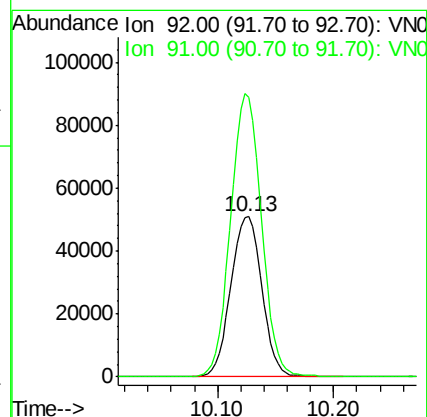
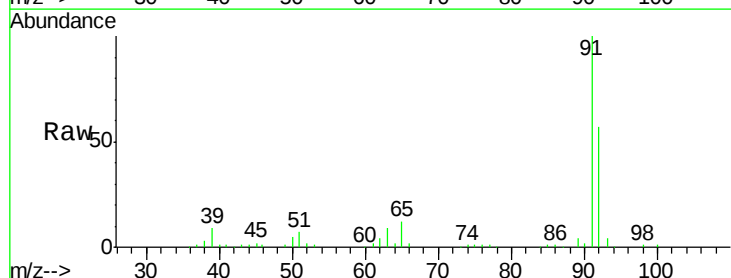
Acq: 13 Aug 2020 12:15

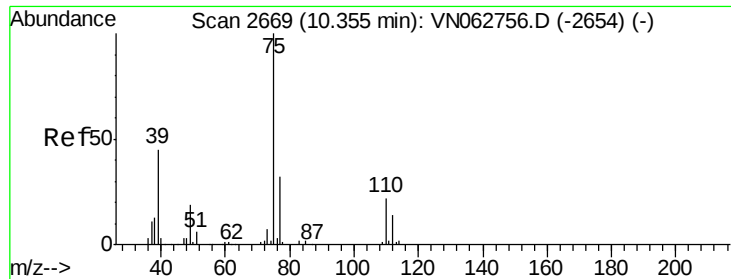
Tgt Ion: 92 Resp: 94551

Ion Ratio Lower Upper

92 100

91 175.0 138.9 208.3





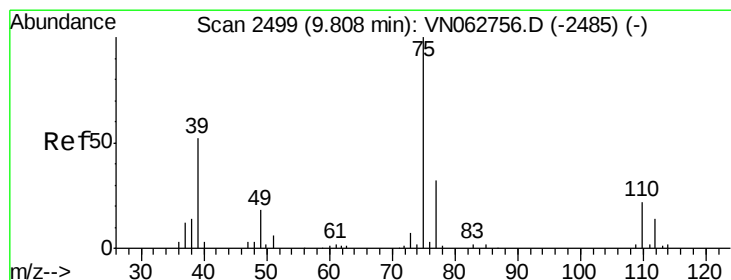
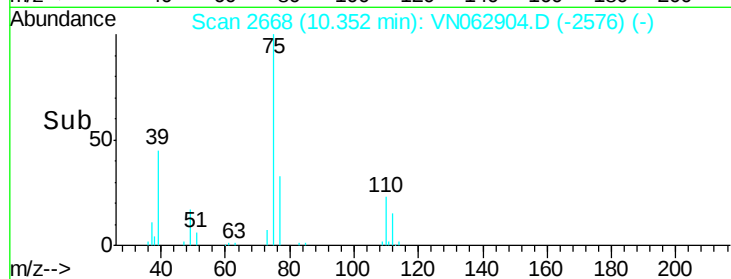
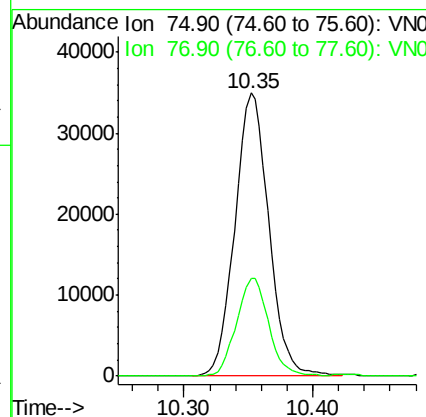
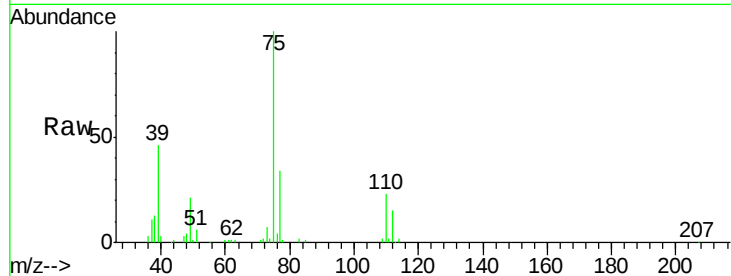
#53
 t-1,3-Dichloropropene
 Concen: 18.627 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tot Ion: 75 Resp: 63867
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.4 38.2

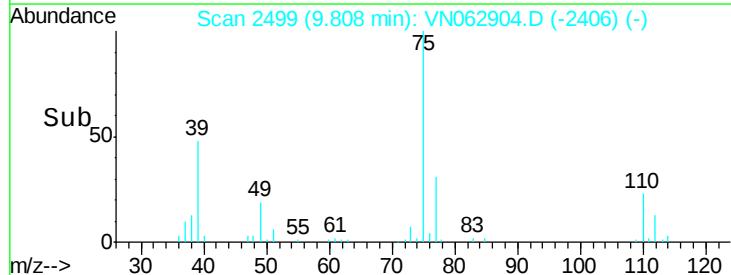
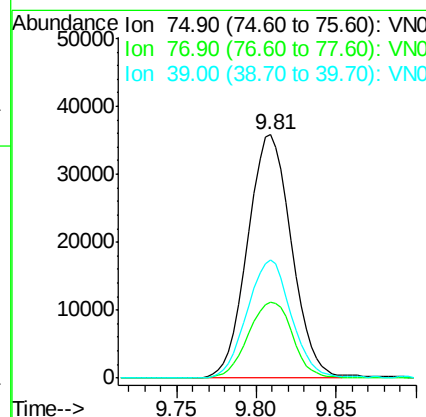
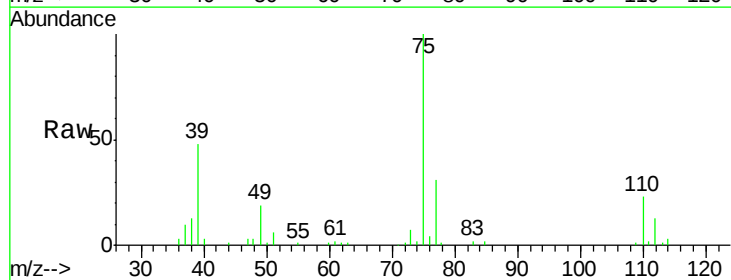
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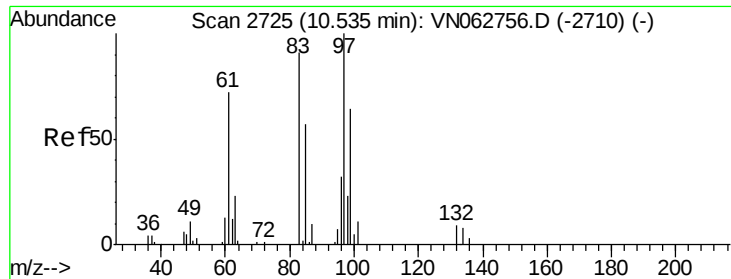
MMDadoda
 8/14/2020 4:50:02 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.599 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion: 75 Resp: 67470
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.5 38.3
 39 48.4 41.9 62.9





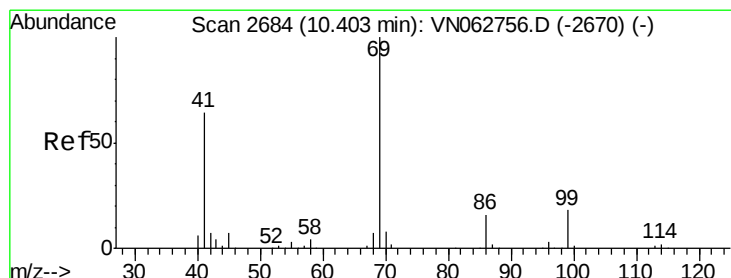
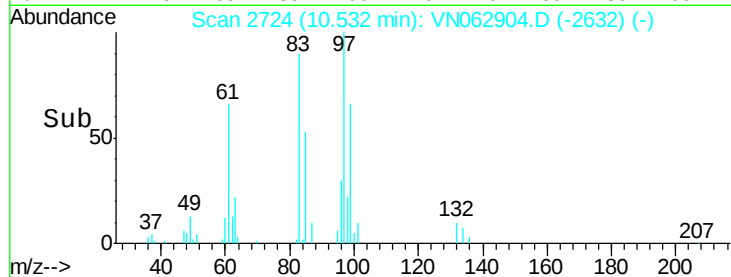
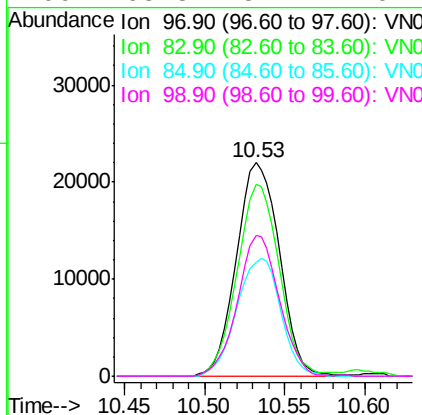
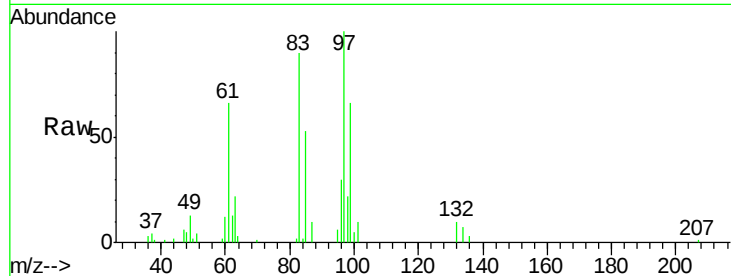
#55
 1,1,2-Trichloroethane
 Concen: 19.584 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tot Ion:	97	Resp:	40417
Ion	Ratio	Lower	Upper
97	100		
83	89.7	72.6	108.8
85	53.4	46.0	69.0
99	65.8	51.1	76.7

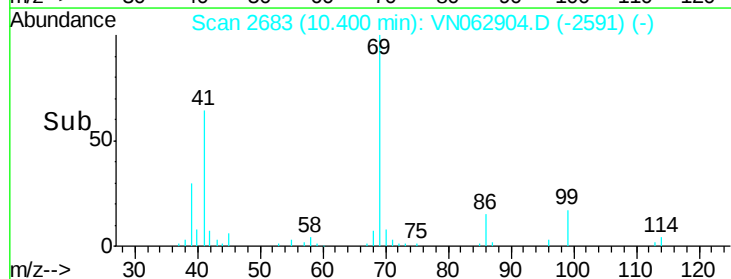
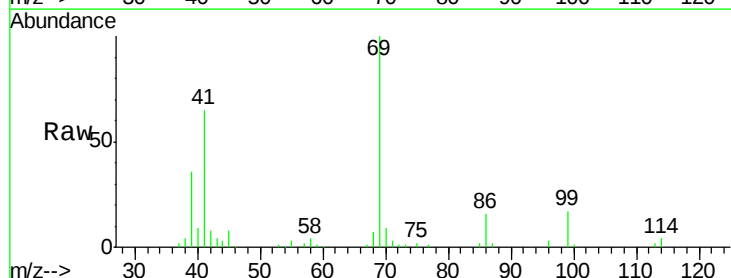
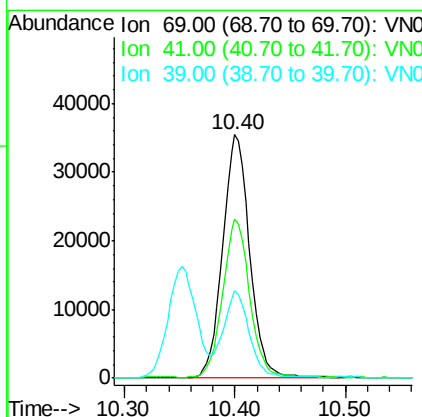
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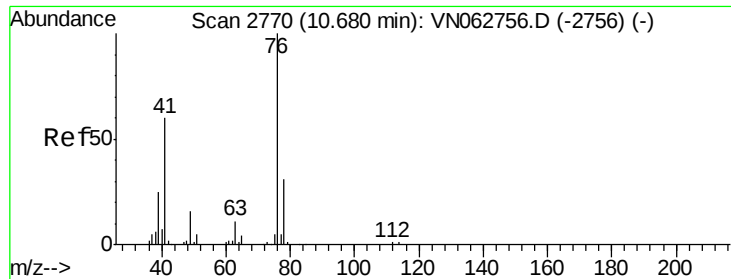
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 19.419 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion:	69	Resp:	60324
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.2	78.2
39	33.7	30.9	46.3





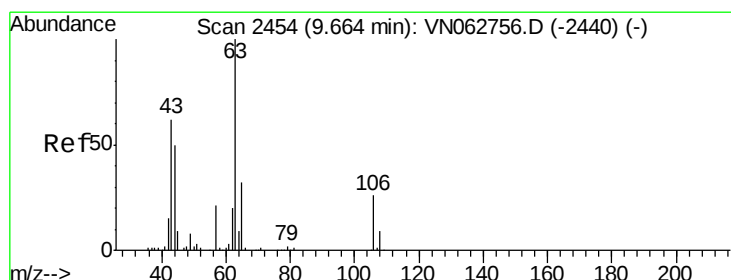
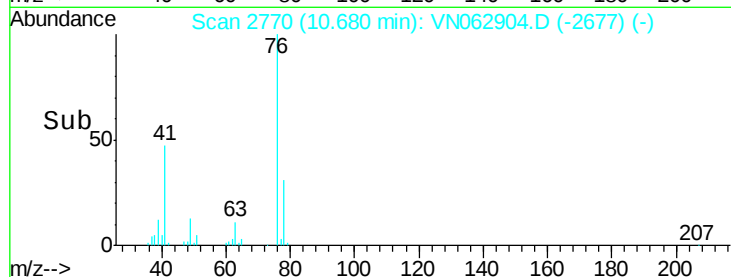
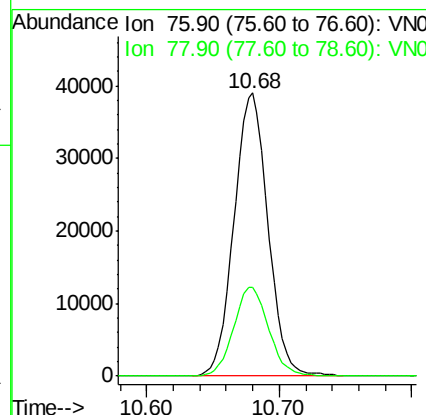
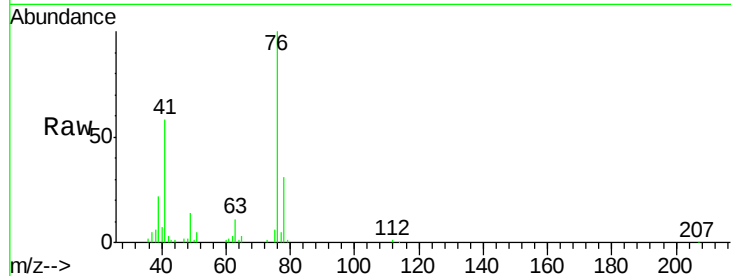
#57
 1,3-Dichloropropane
 Concen: 19.714 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tot Ion: 76 Resp: 69130
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.4 38.0

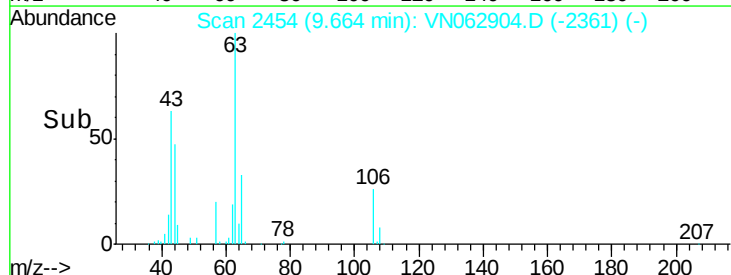
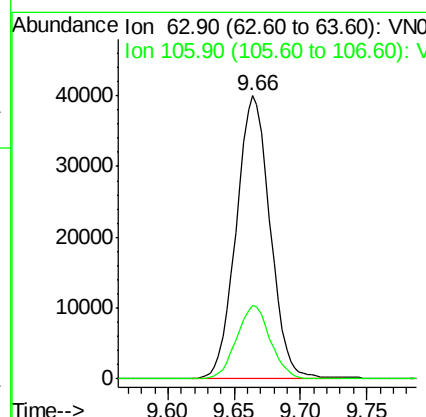
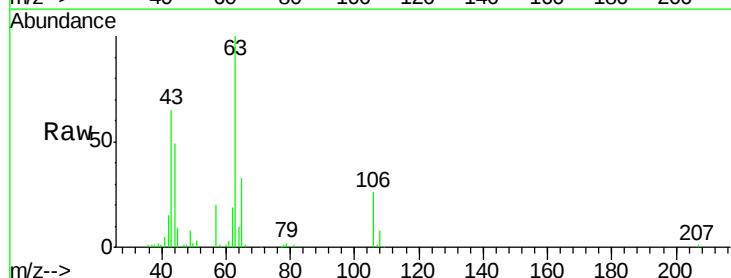
Manual Integrations
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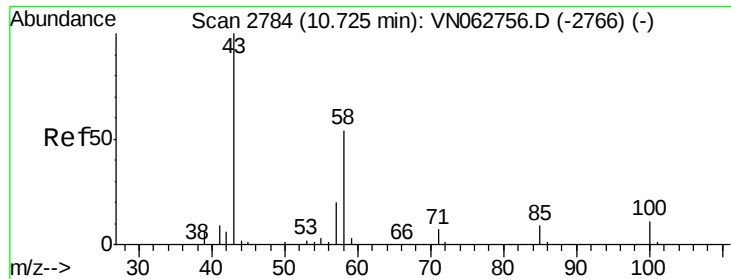
MMDadoda
 8/14/2020 4:50:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 80.920 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion: 63 Resp: 71053
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.9 31.3





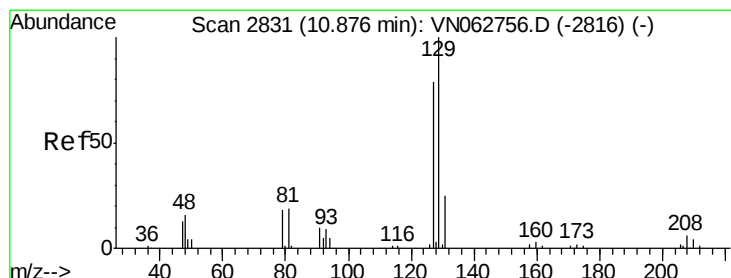
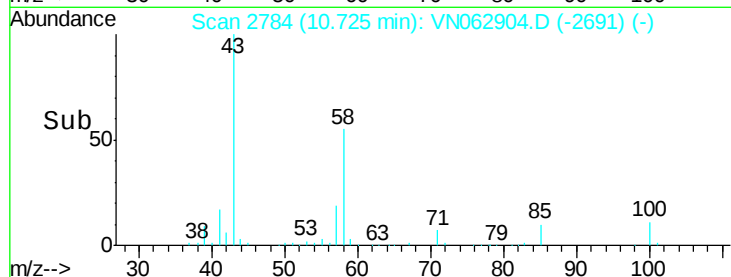
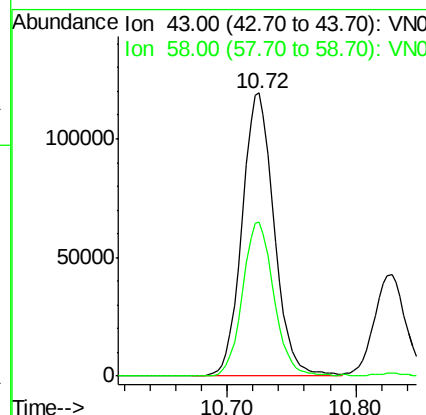
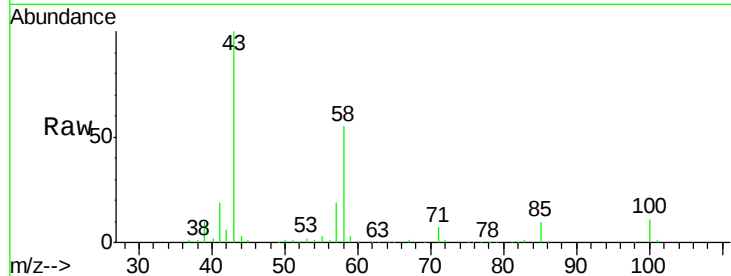
#59
2-Hexanone
Concen: 92.962 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion: 43 Resp: 205028
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1

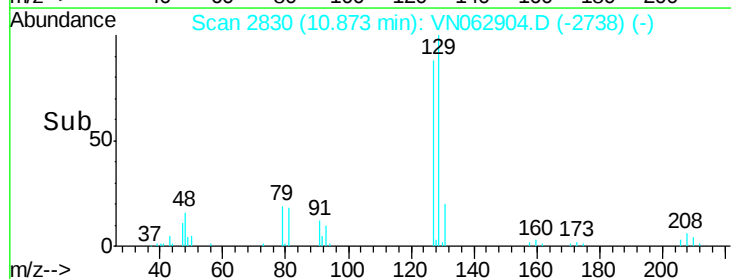
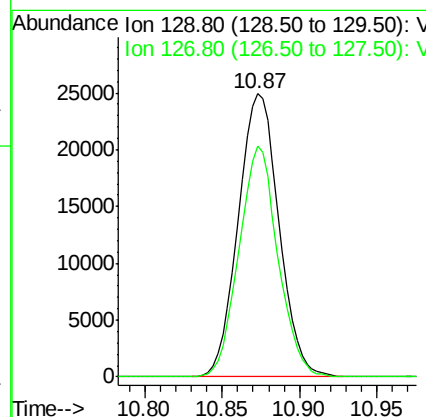
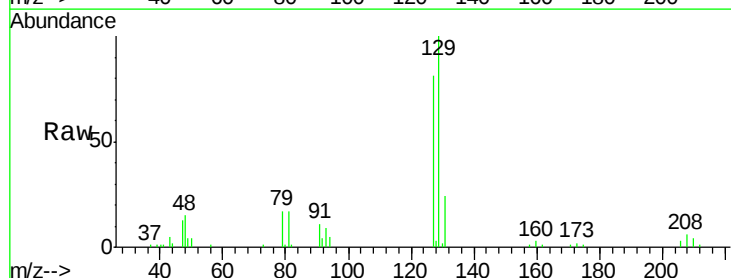
Manual Integrations
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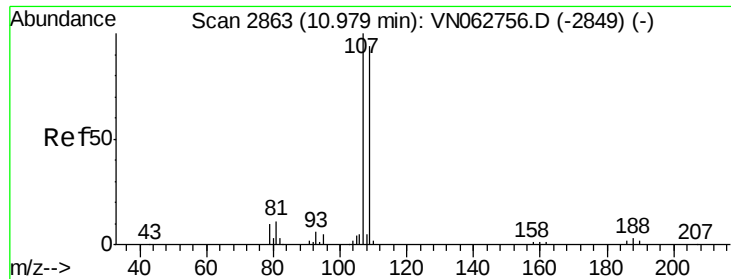
MMDadoda
8/14/2020 4:50:02 PM



#60
Dibromochloromethane
Concen: 19.367 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion: 129 Resp: 45611
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





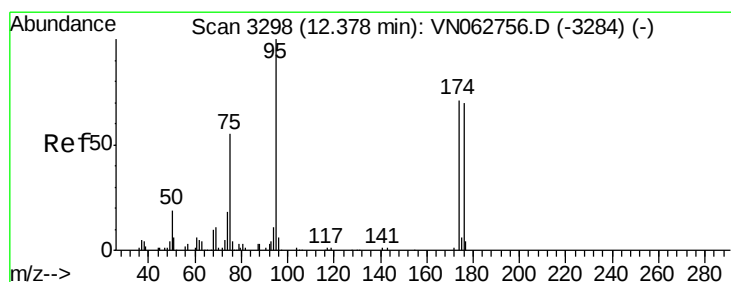
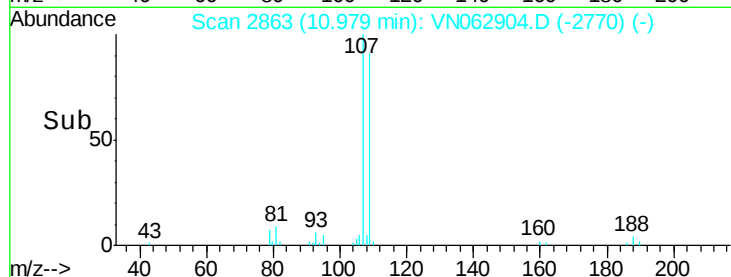
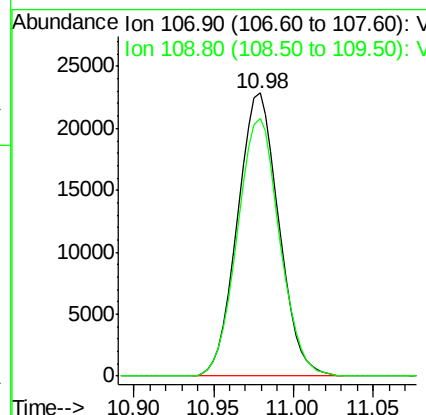
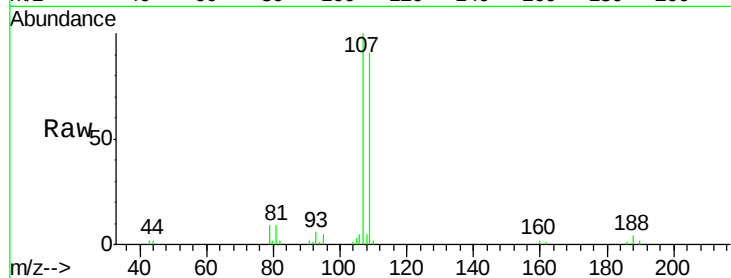
#61
 1,2-Dibromoethane
 Concen: 19.712 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	76.1	114.1

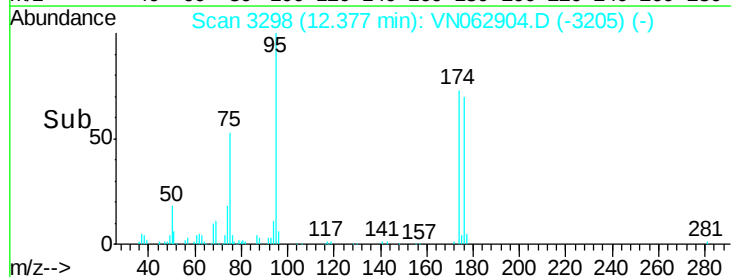
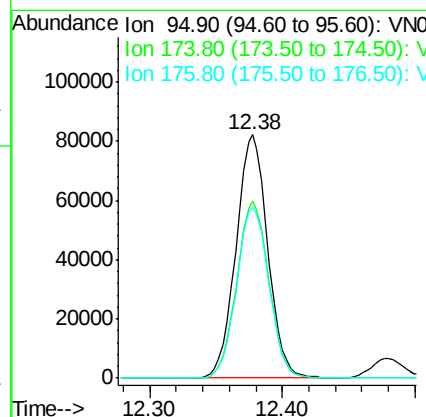
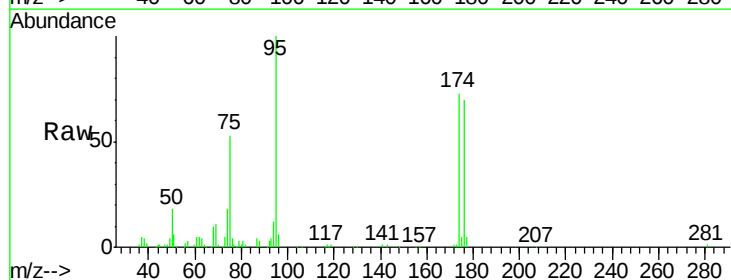
Manual Integrations
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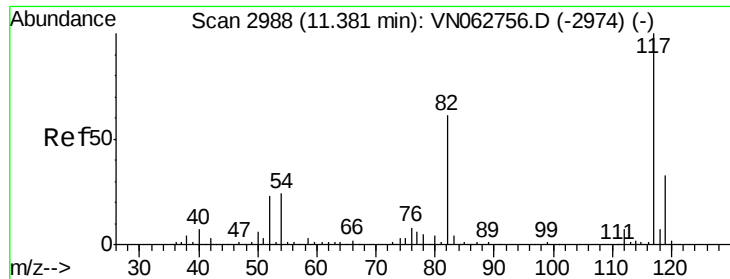
MMDadoda
 8/14/2020 4:50:02 PM



#62
 4-Bromofluorobenzene
 Concen: 50.150 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	144.8
176	71.9	0.0	142.2





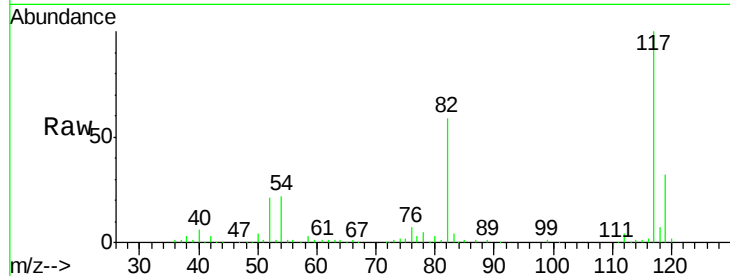
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	49.0	73.4
119	31.9	26.2	39.2

Manual Integrations
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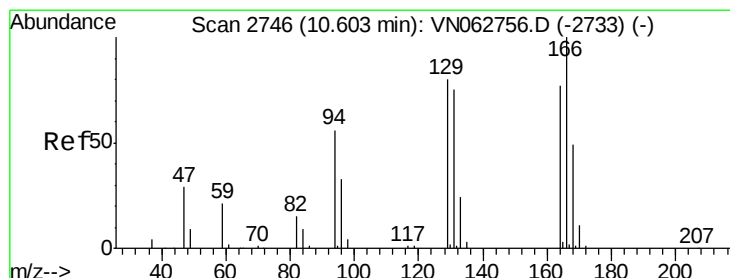
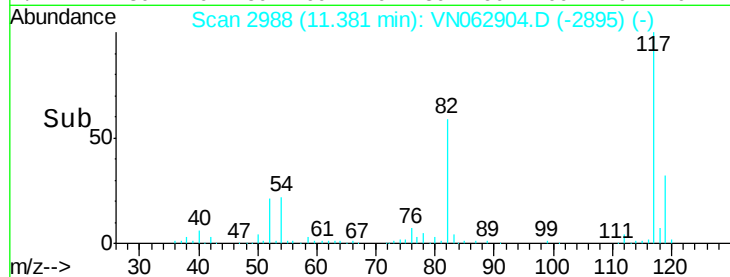
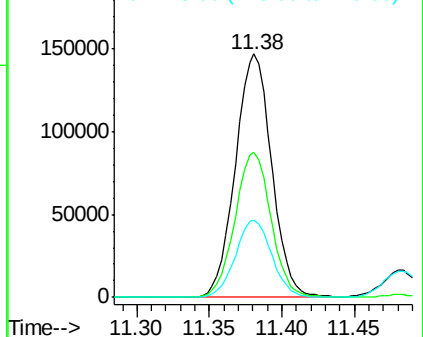


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.356 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	103.8	155.8
129	94.6	82.7	124.1
131	95.9	78.2	117.2

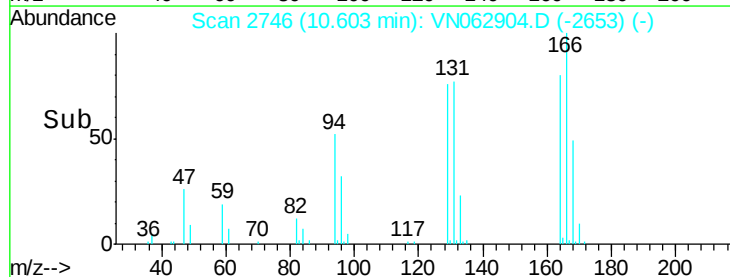
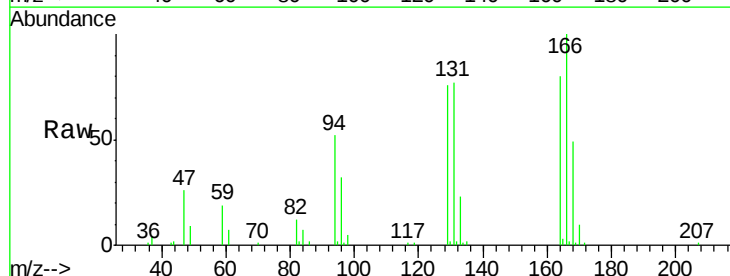
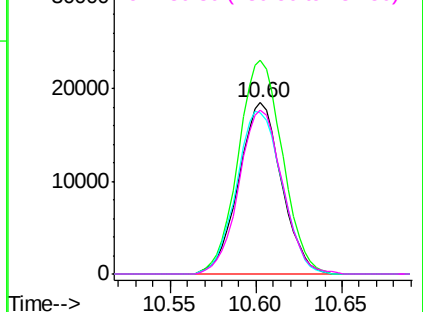
Abundance

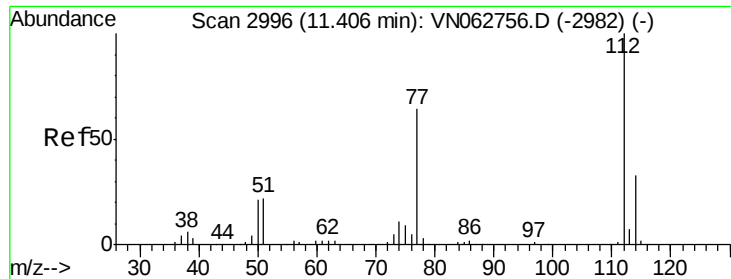
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.485 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tot Ion:112 Resp: 103983

Ion Ratio Lower Upper

112 100

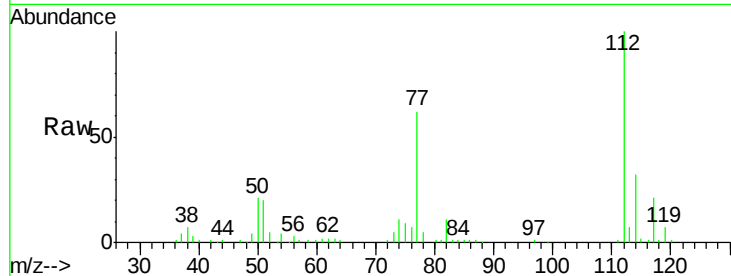
114 31.8 26.2 39.4

Manual Integrations

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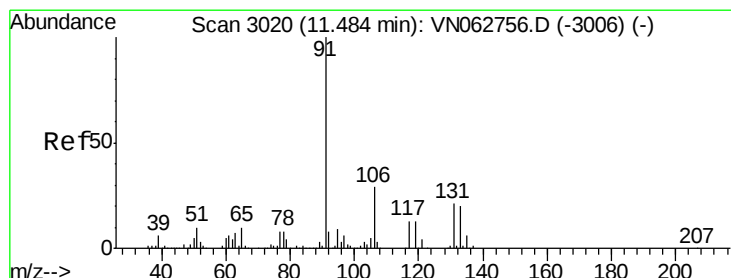
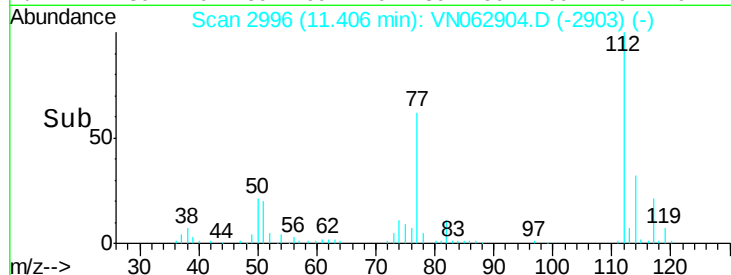
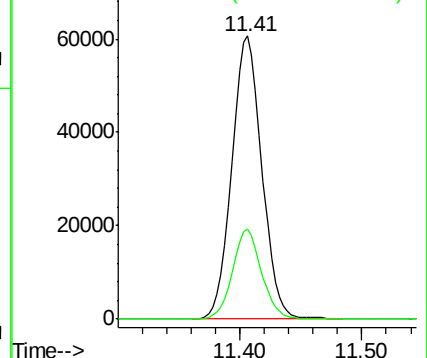
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.817 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

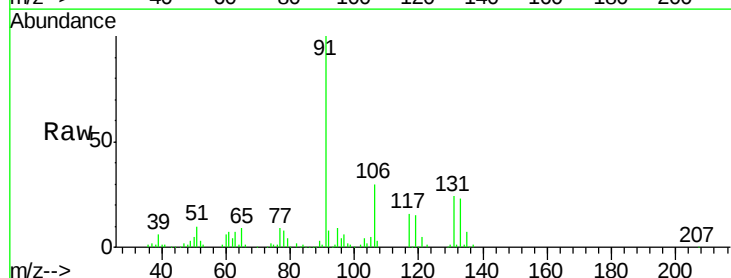
Tgt Ion:131 Resp: 42469

Ion Ratio Lower Upper

131 100

133 94.9 48.6 145.8

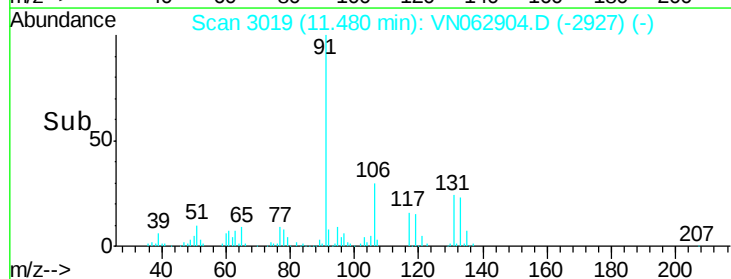
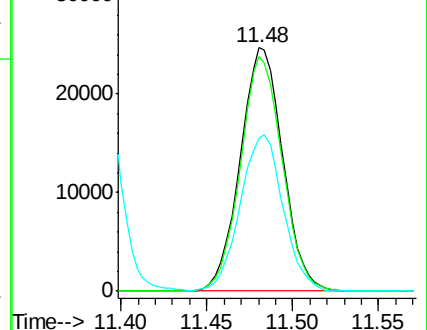
119 64.8 32.2 96.6

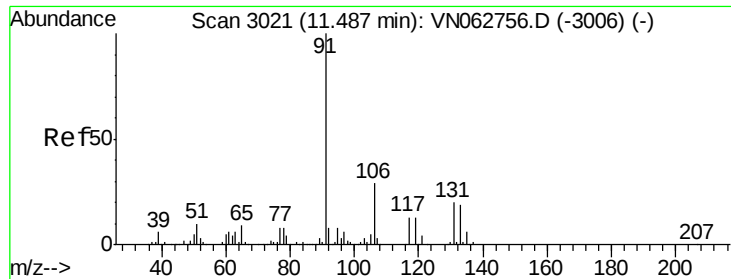


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.265 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tot Ion: 91 Resp: 183973

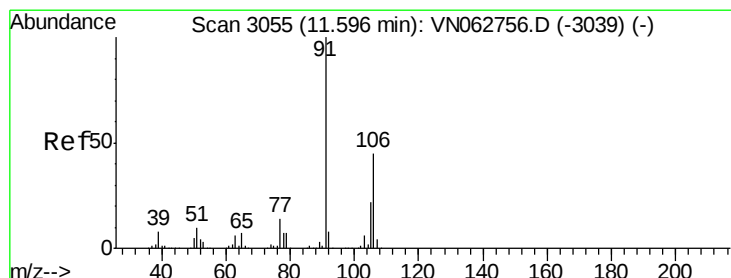
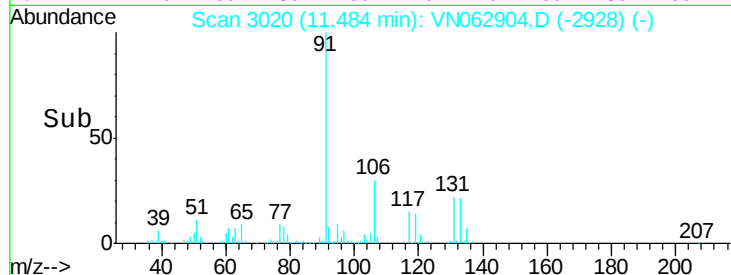
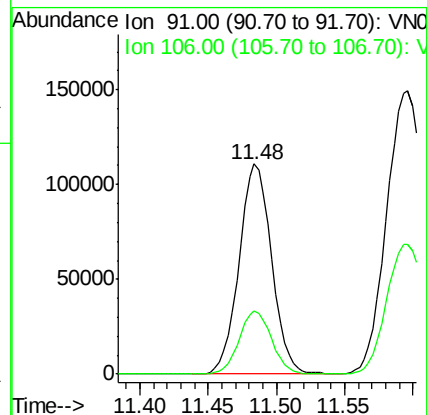
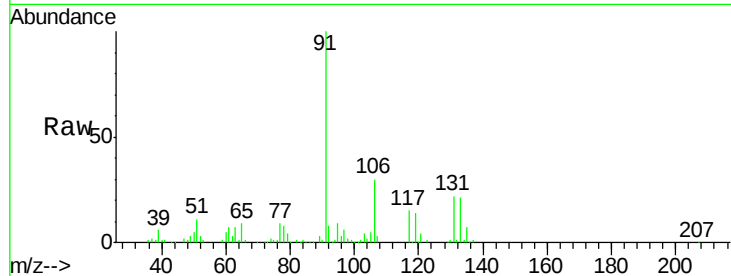
Ion Ratio Lower Upper

91 100

106 30.0 23.2 34.8

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#68

m/p-Xylenes

Concen: 39.466 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062904.D

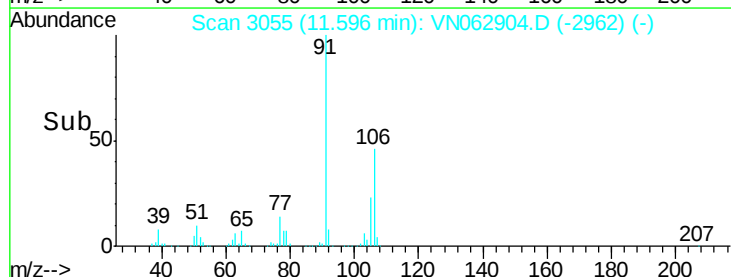
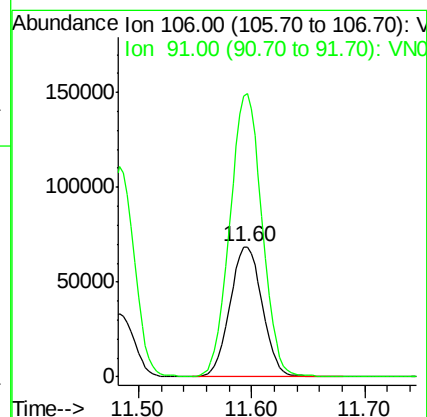
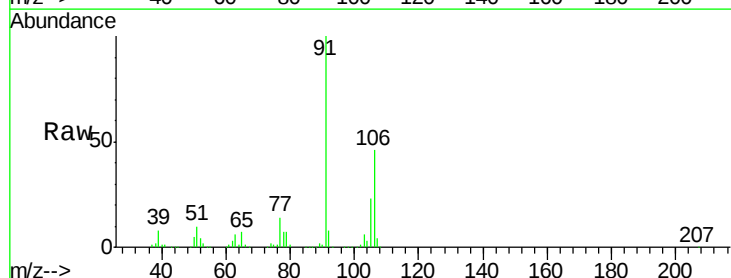
Acq: 13 Aug 2020 12:15

Tgt Ion: 106 Resp: 136811

Ion Ratio Lower Upper

106 100

91 215.1 175.9 263.9





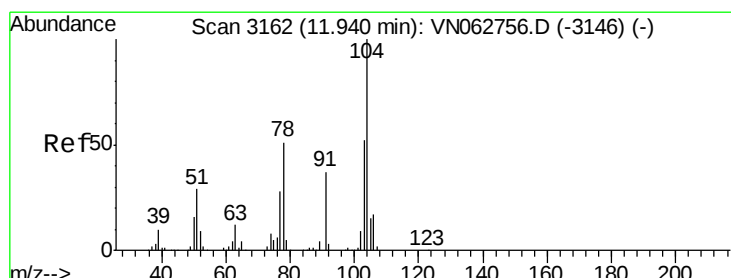
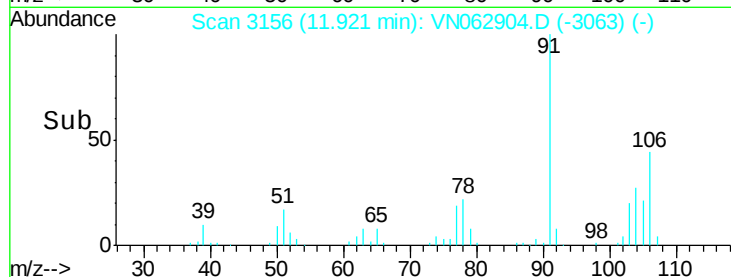
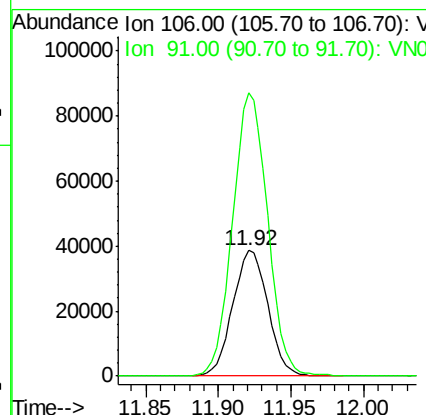
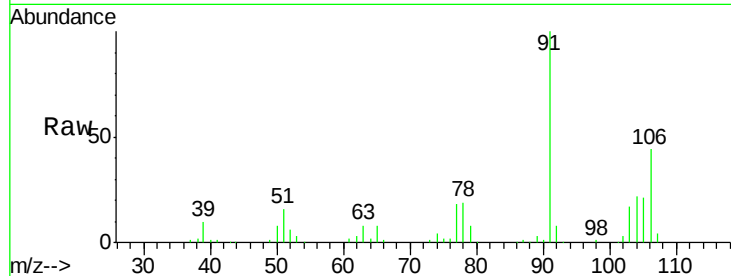
#69
o-Xylene
Concen: 20.029 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampled :
VN0813WBS01

Tot Ion:106 Resp: 65068
Ion Ratio Lower Upper
106 100
91 224.5 115.8 347.4

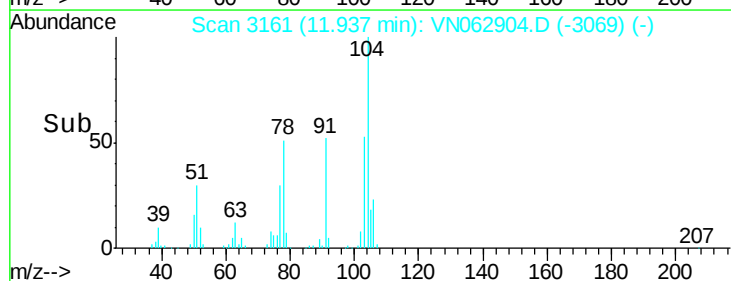
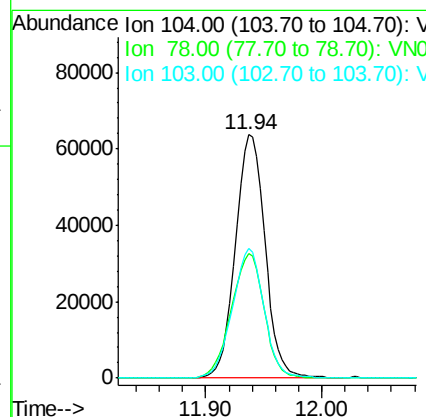
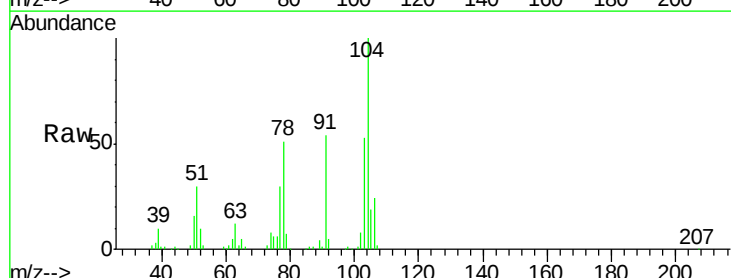
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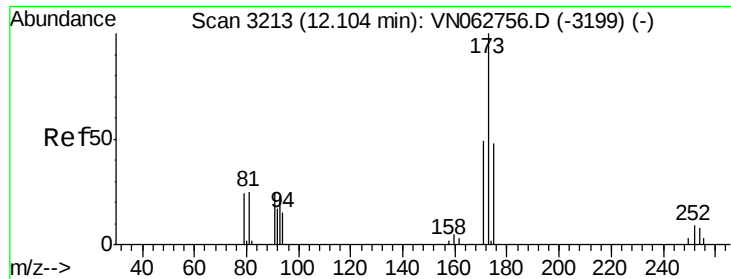
MMDadoda
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#70
Styrene
Concen: 19.700 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion:104 Resp: 112493
Ion Ratio Lower Upper
104 100
78 56.7 45.9 68.9
103 56.7 45.1 67.7





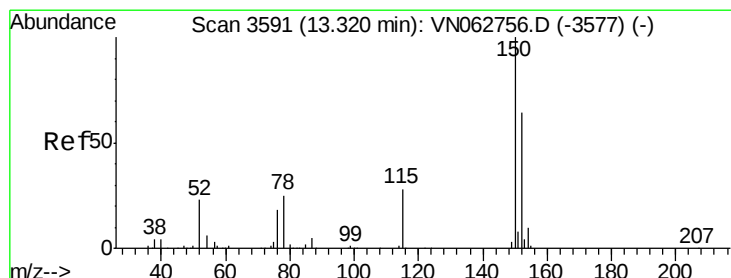
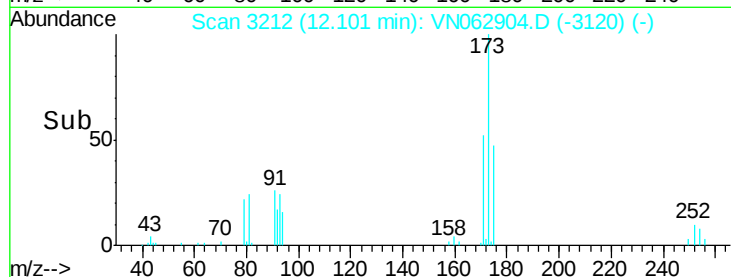
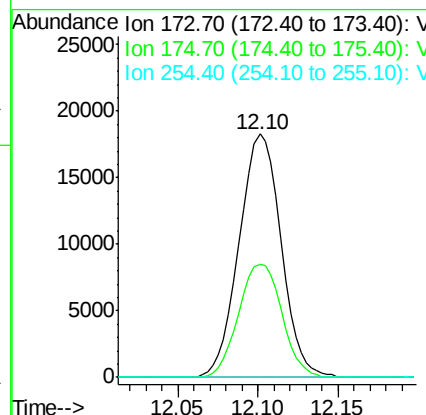
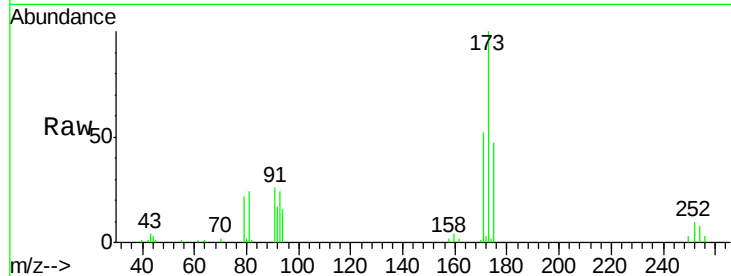
#71
Bromoform
Concen: 18.656 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.0	72.0
254	0.0	0.0	0.0

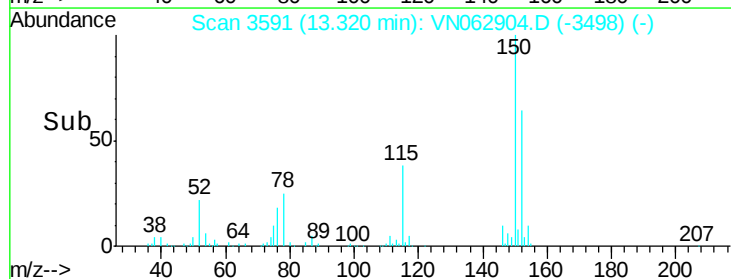
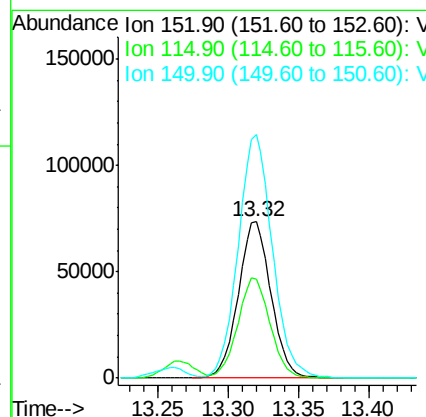
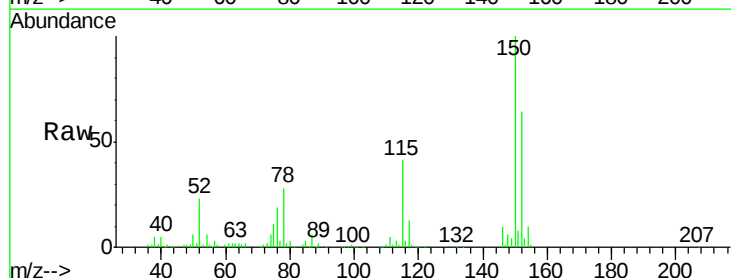
Manual Integrations
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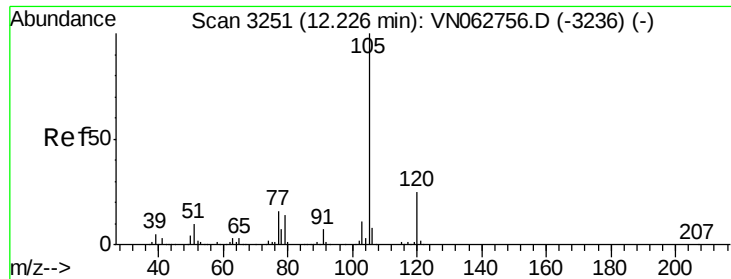
MMDadoda
8/14/2020 4:50:02 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.6	94.8
150	162.7	0.0	349.2





#73

Isopropylbenzene

Concen: 20.375 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tot Ion:105 Resp: 183167

Ion Ratio Lower Upper

105 100

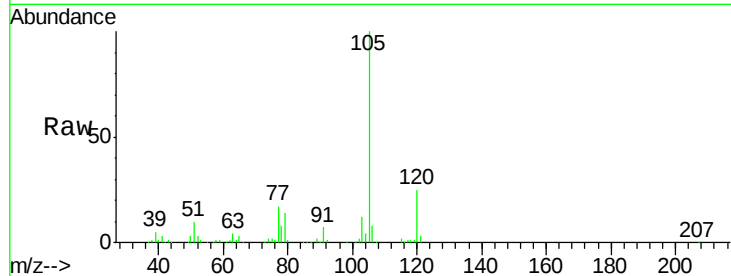
120 25.5 12.6 37.8

Manual Integrations

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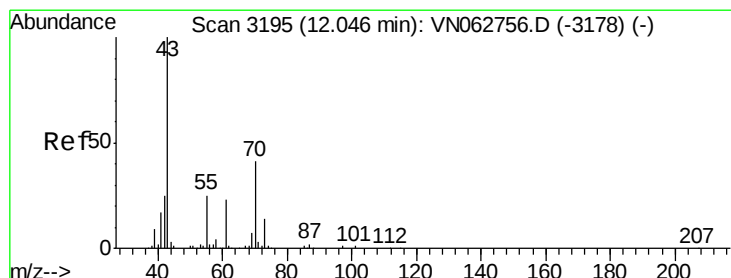
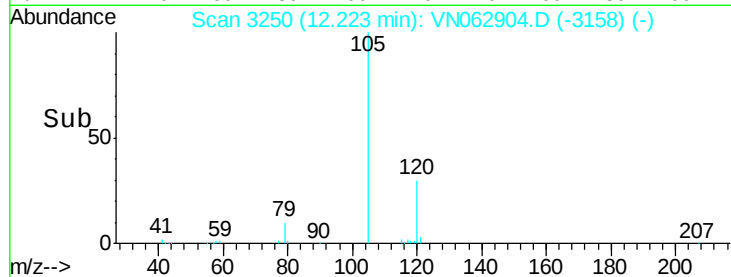
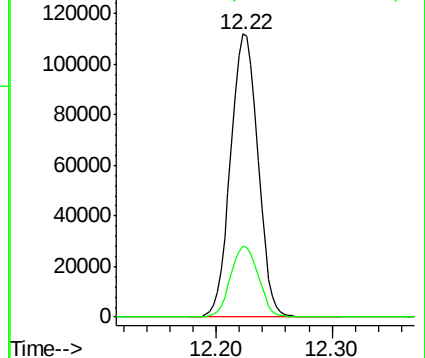
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.134 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Tgt Ion: 43 Resp: 69706

Ion Ratio Lower Upper

43 100

70 41.2 32.3 48.5

55 27.9 20.2 30.2

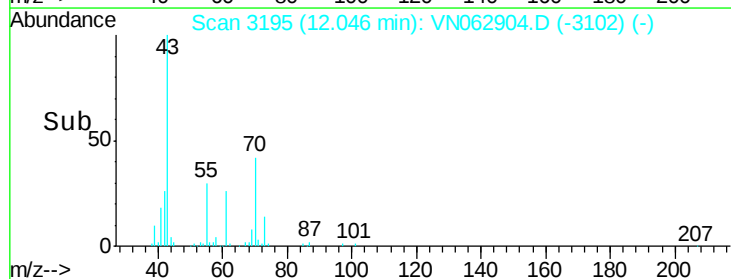
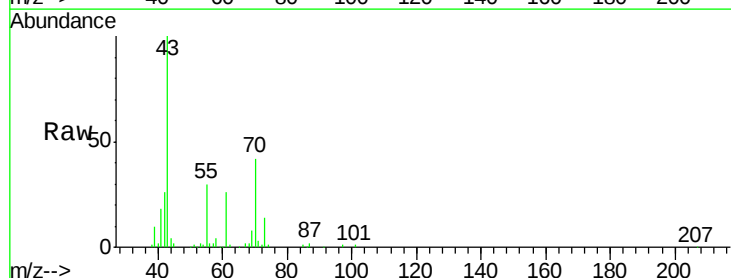
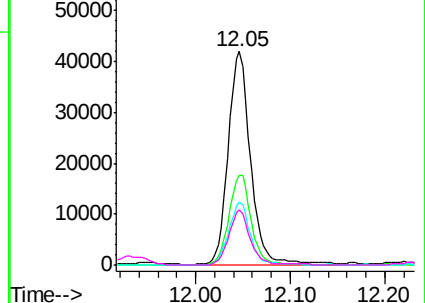
61 23.8 18.2 27.4

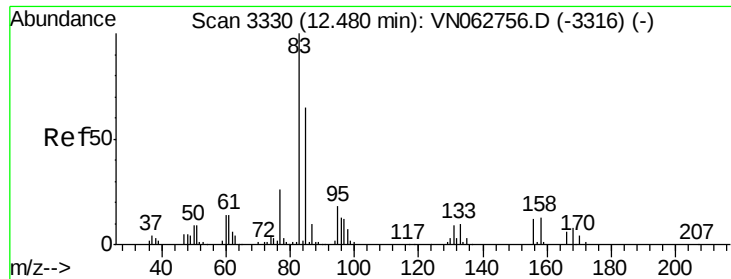
Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 70.00 (69.70 to 70.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 61.00 (60.70 to 61.70): VN





#75

1,1,2,2-Tetrachloroethane

Concen: 19.972 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

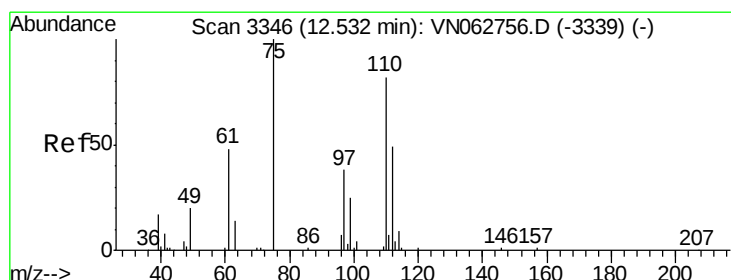
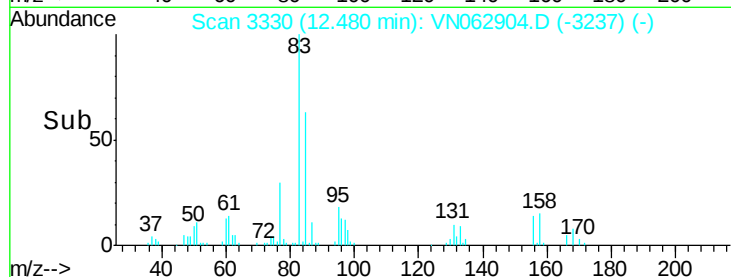
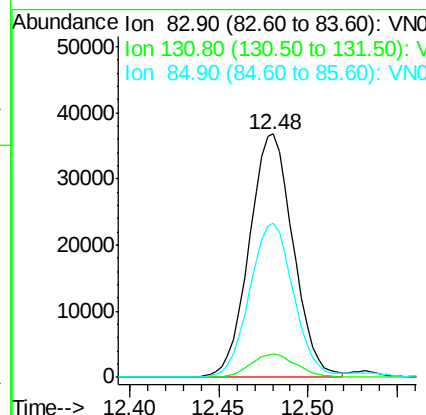
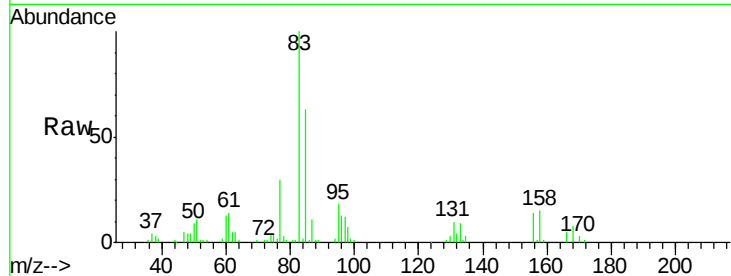
ClientSampleId :

VN0813WBS01

Tot Ion:	83	Resp:	63204
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.4
85	63.5	31.9	95.9

Manual Integrations
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8/14/2020 4:50:02 PM



#76

1,2,3-Trichloropropane

Concen: 19.413 ug/l m

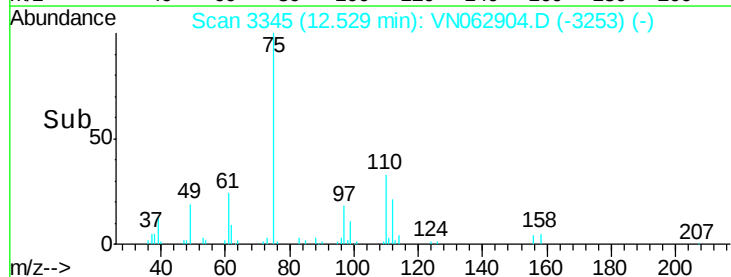
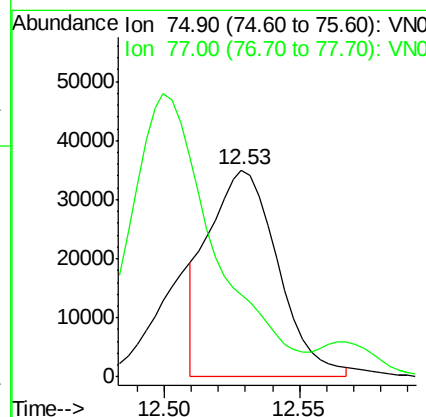
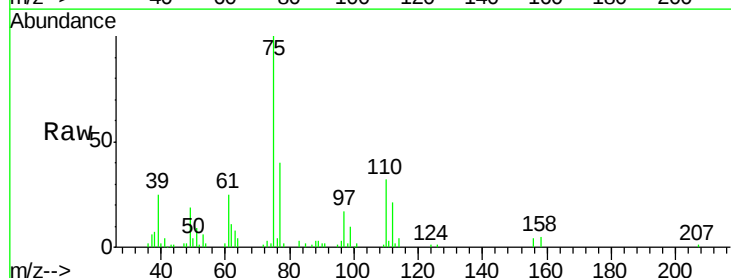
RT: 12.53 min Scan# 3345

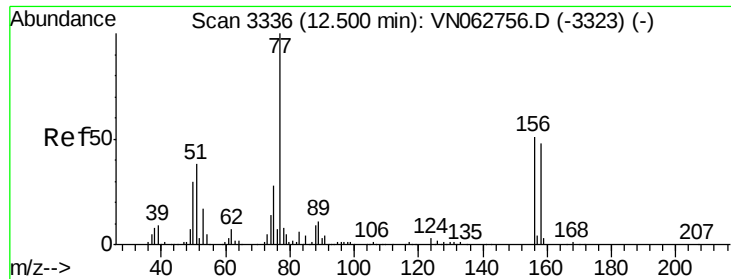
Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Tgt Ion:	75	Resp:	62505
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





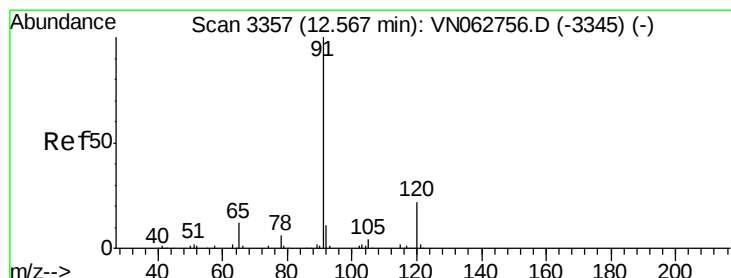
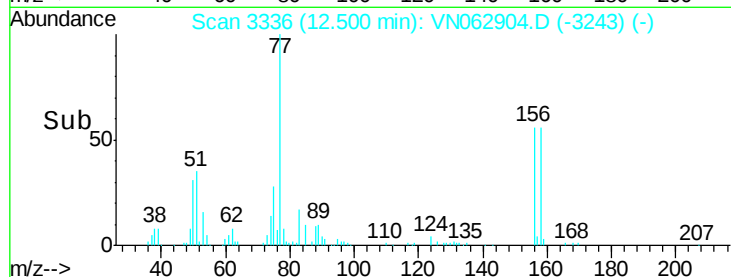
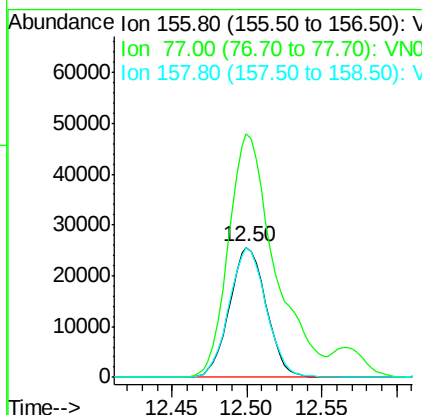
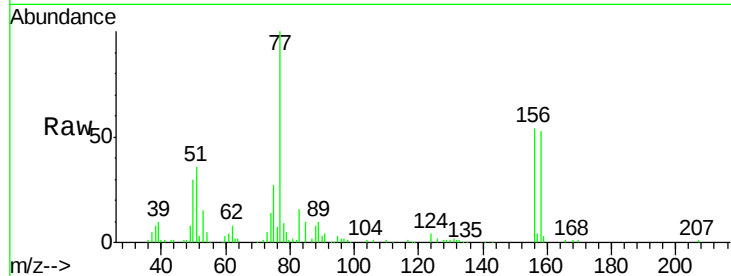
#77
Bromobenzene
Concen: 19.566 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	235.5	119.7	359.1
158	100.8	48.1	144.3

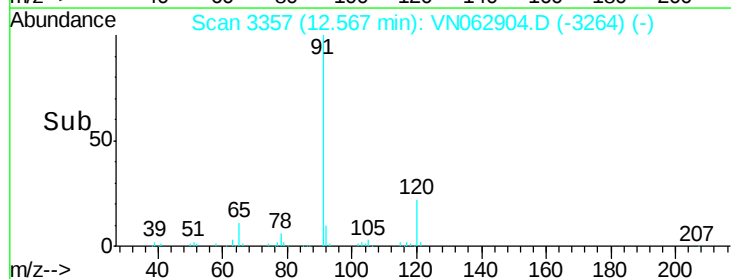
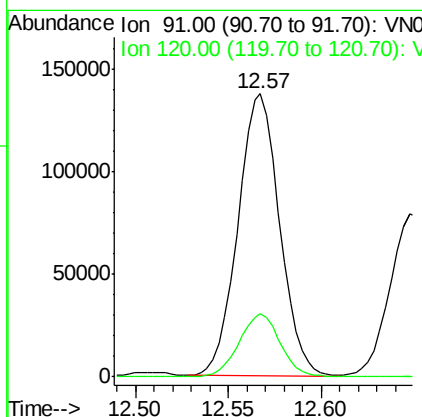
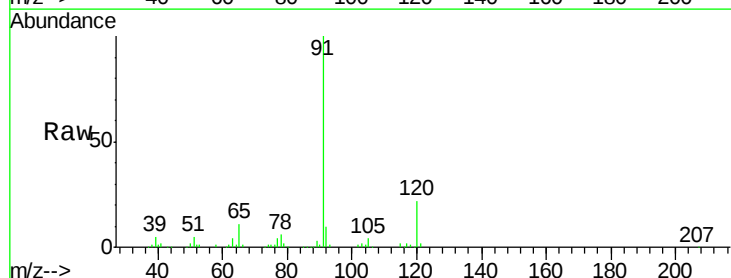
Manual Integrations
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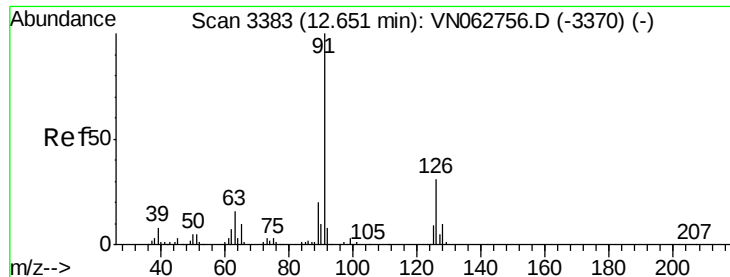
MMDadoda
8/14/2020 4:50:02 PM



#78
n-propylbenzene
Concen: 20.251 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.9	32.9





#79

2-Chlorotoluene

Concen: 19.913 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tot Ion: 91 Resp: 131774

Ion Ratio Lower Upper

91 100

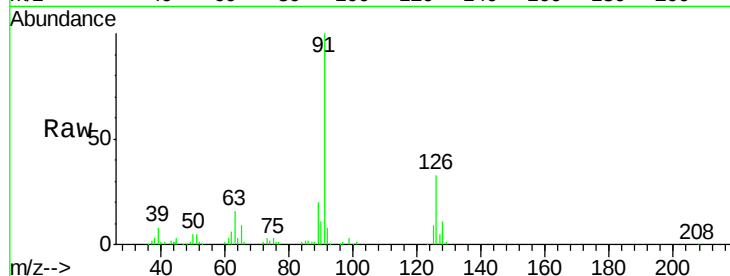
126 32.9 15.6 46.7

Manual Integrations

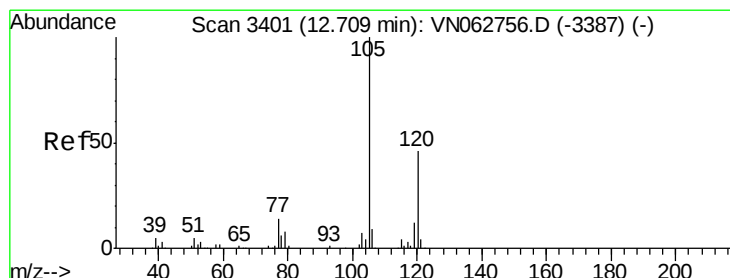
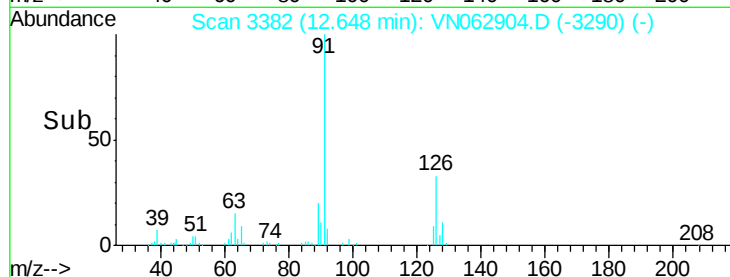
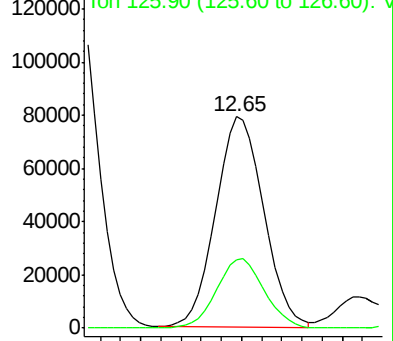
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Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.753 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062904.D

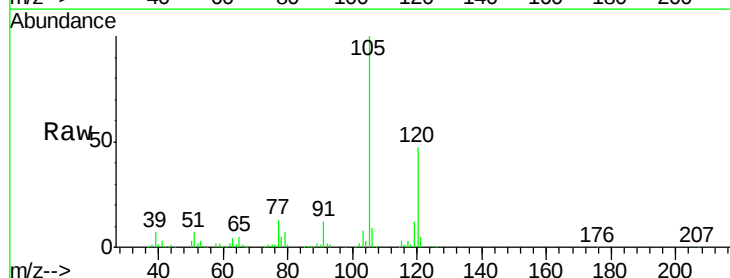
Acq: 13 Aug 2020 12:15

Tgt Ion:105 Resp: 161855

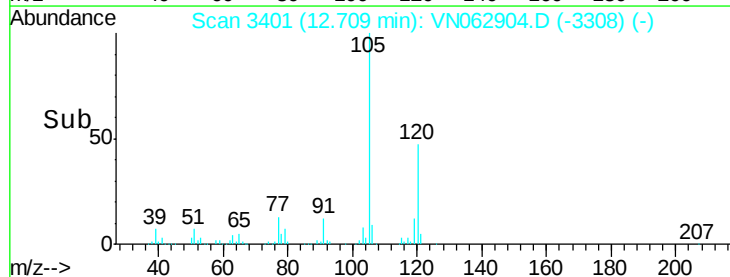
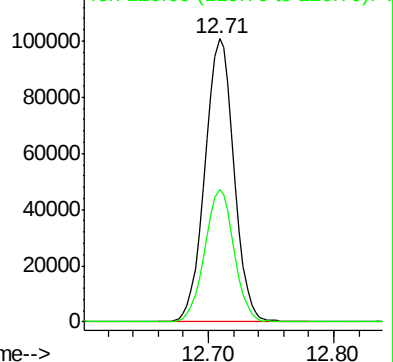
Ion Ratio Lower Upper

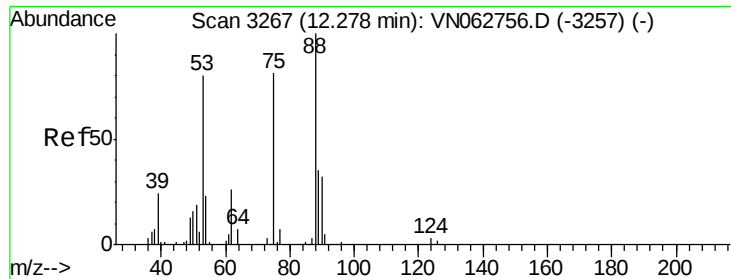
105 100

120 46.9 22.9 68.5



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





#81

trans-1,4-Dichloro-2-butene

Concen: 19.559 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tot Ion: 75 Resp: 20629

Ion Ratio Lower Upper

75 100

53 98.7 79.1 118.7

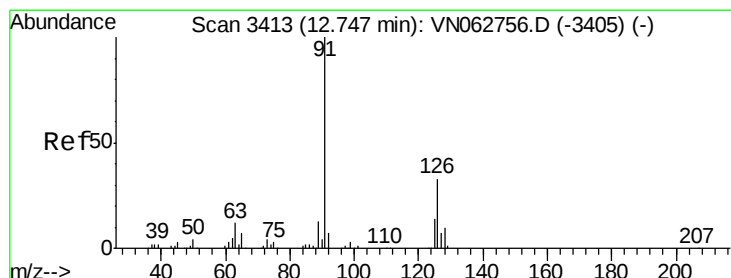
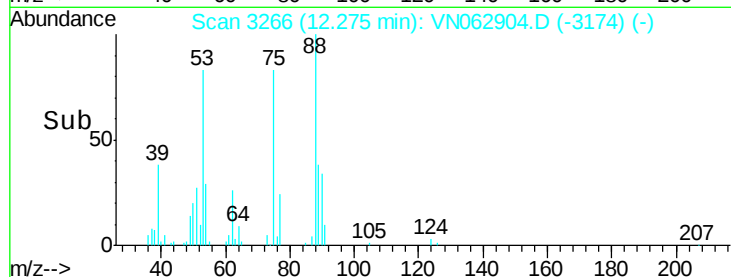
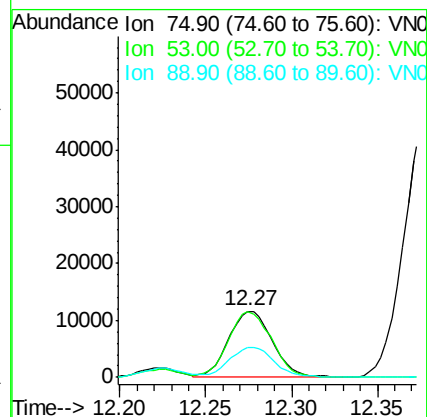
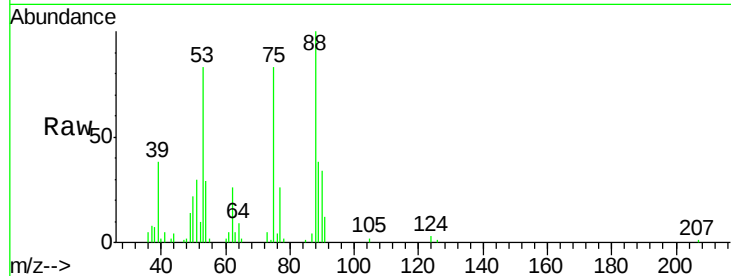
89 46.0 36.2 54.2

Manual Integrations

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#82

4-Chlorotoluene

Concen: 20.321 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062904.D

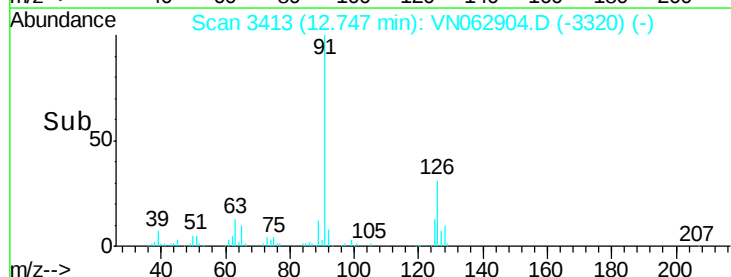
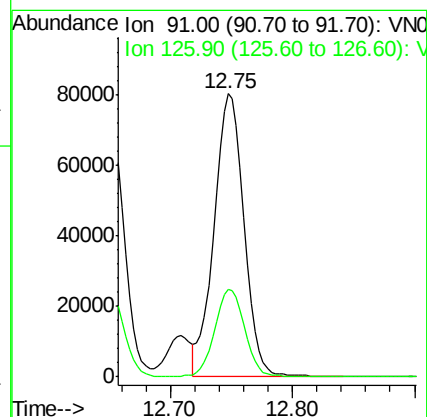
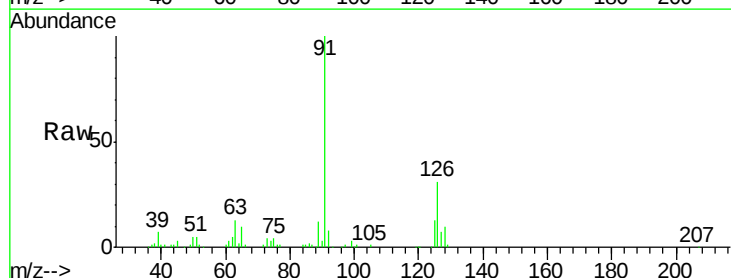
Acq: 13 Aug 2020 12:15

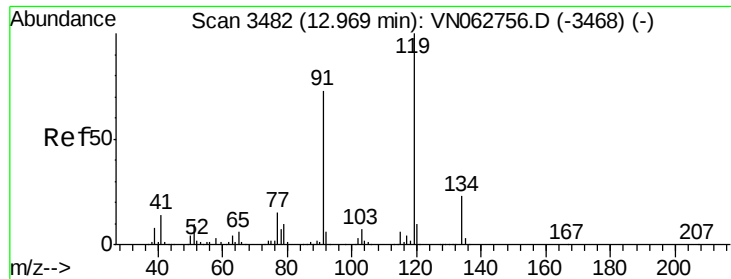
Tgt Ion: 91 Resp: 138582

Ion Ratio Lower Upper

91 100

126 31.1 15.3 45.9





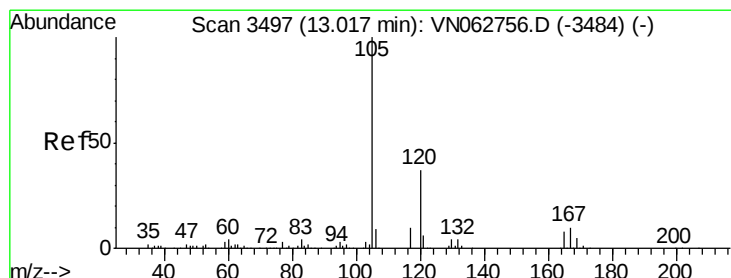
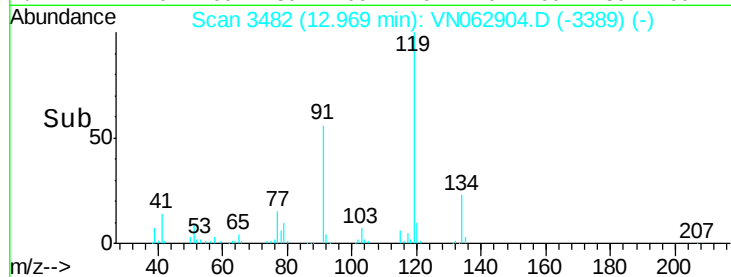
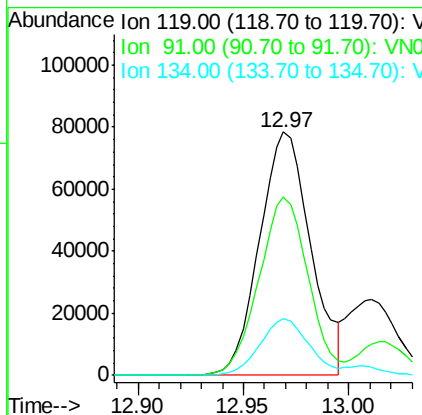
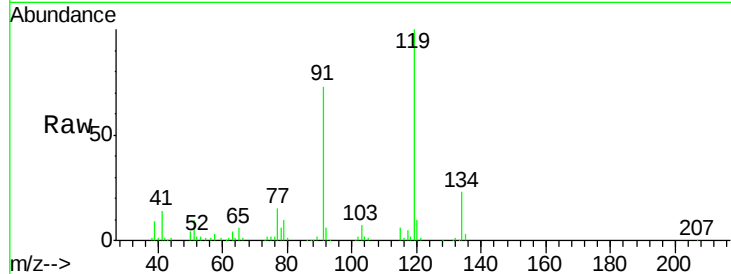
#83
 tert-Butylbenzene
 Concen: 20.092 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	132594		
91	70.9	36.5	109.5	
134	22.2	11.3	33.8	

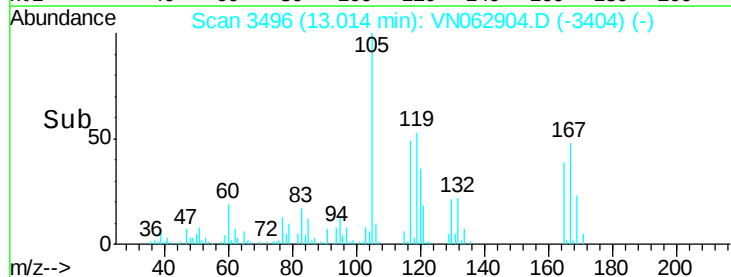
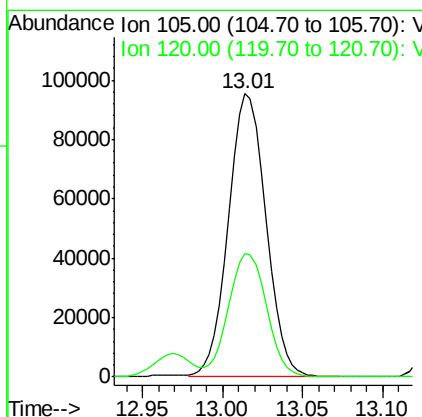
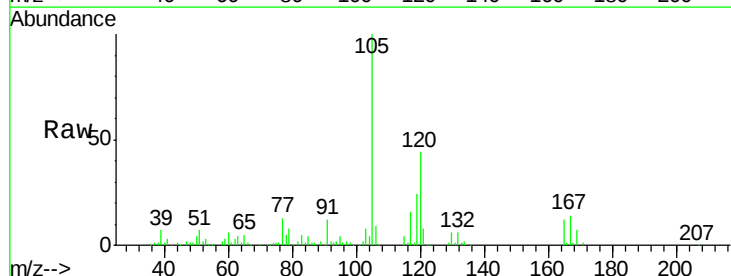
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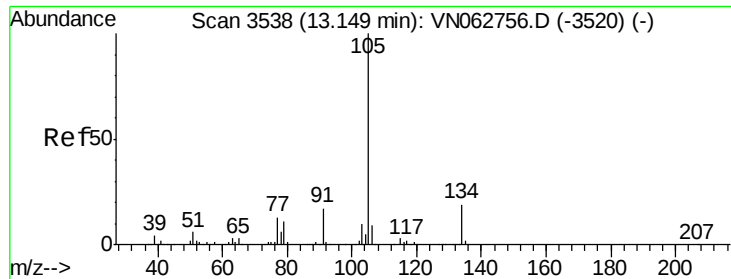
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.324 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	151641		
120	44.4	21.4	64.2	





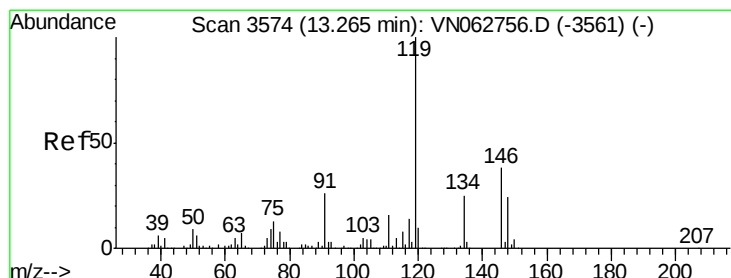
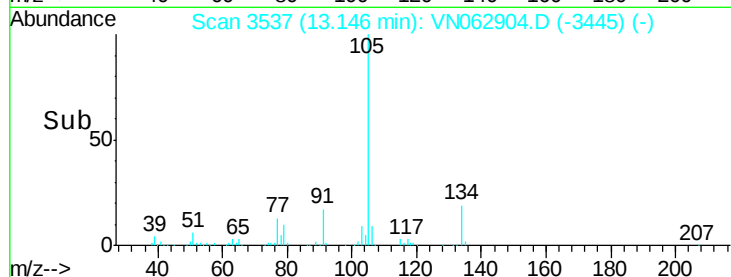
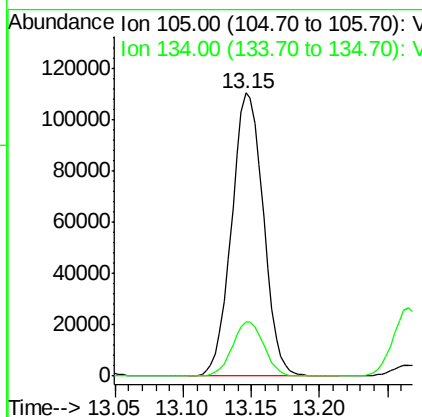
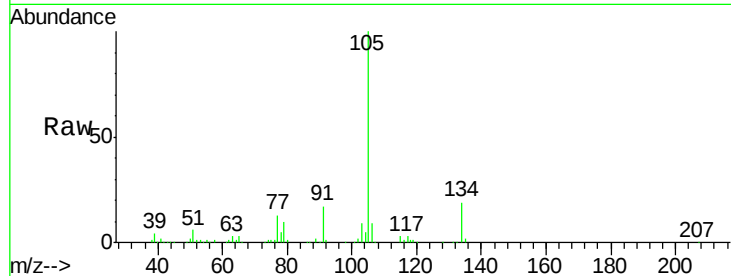
#85
 sec-Butylbenzene
 Concen: 20.513 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.6	28.6

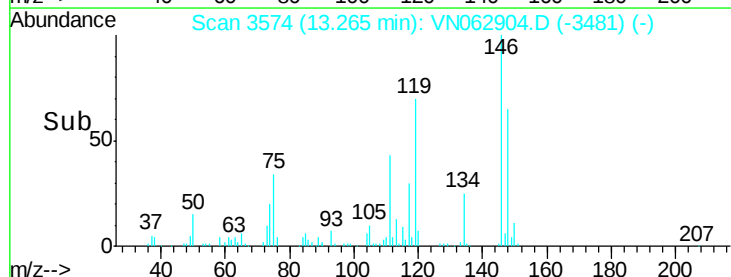
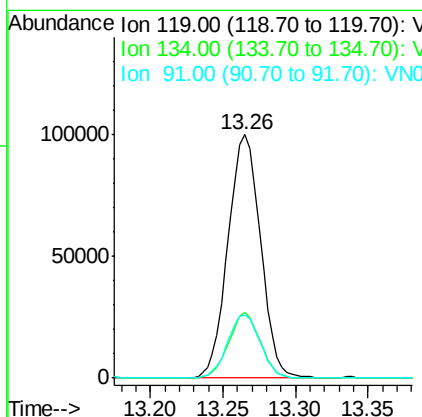
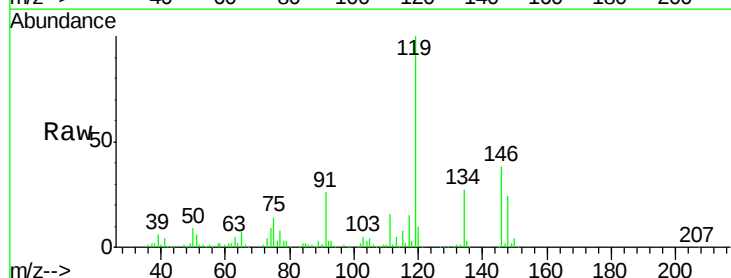
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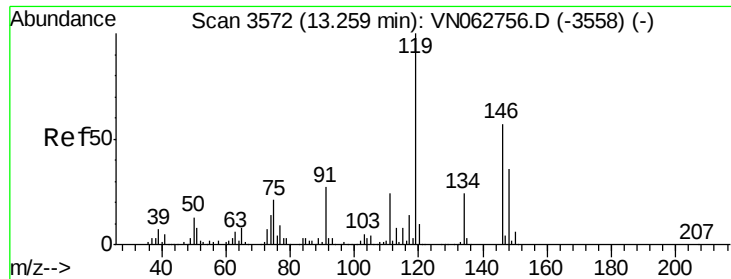
MMDadoda
 8/14/2020 4:50:02 PM



#86
 p-Isopropyltoluene
 Concen: 20.309 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.6	37.8
91	26.1	13.4	40.2





#87

1,3-Dichlorobenzene

Concen: 19.178 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

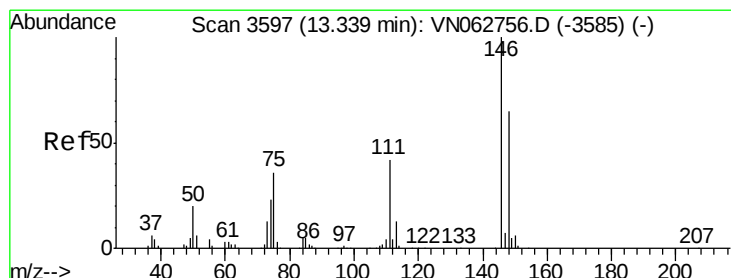
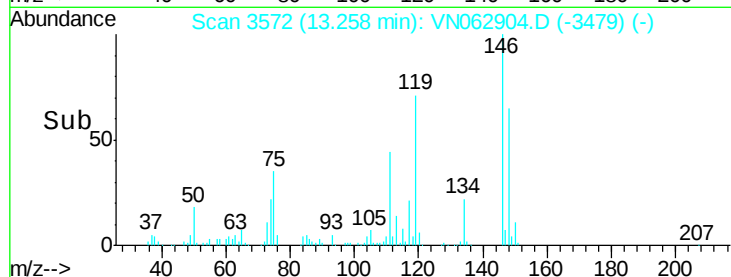
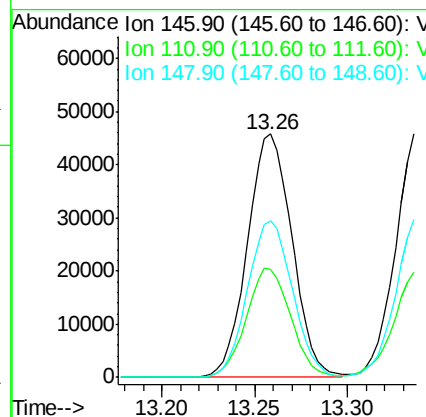
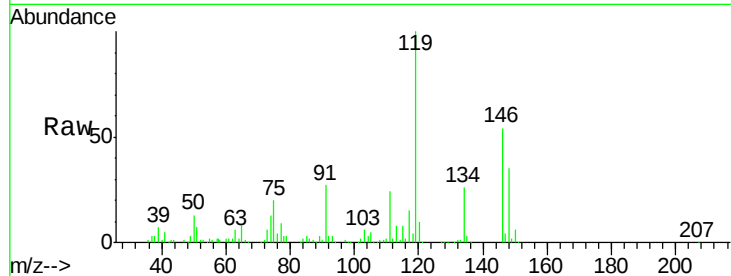
ClientSampleId :

VN0813WBS01

Tot Ion:	146	Resp:	76527
Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.7	65.1
148	64.9	31.4	94.2

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#88

1,4-Dichlorobenzene

Concen: 19.859 ug/l

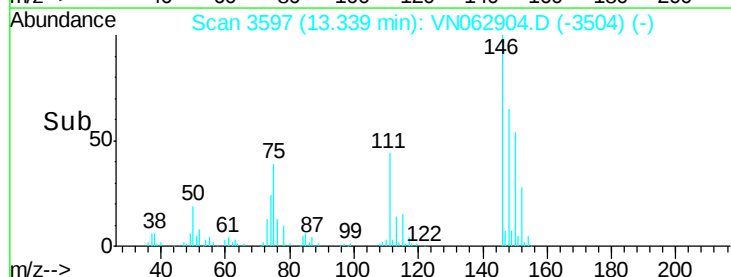
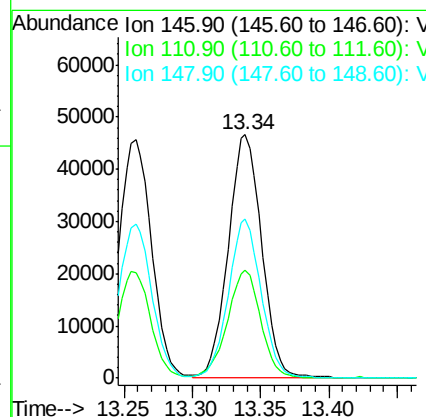
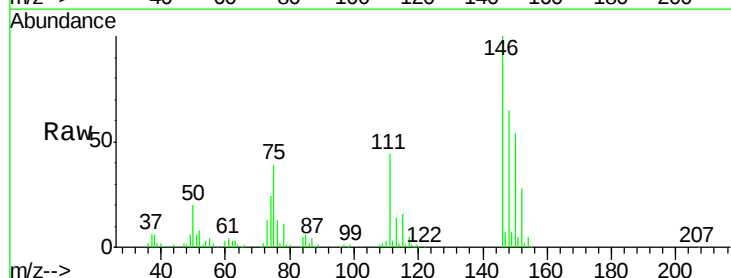
RT: 13.34 min Scan# 3597

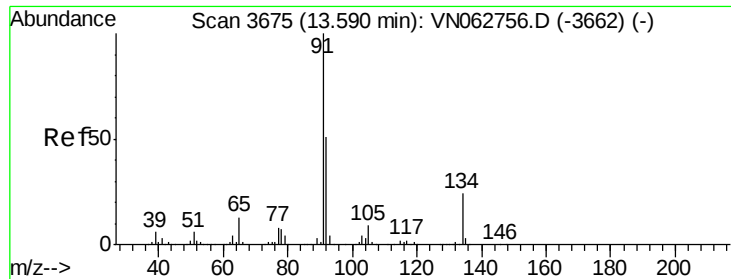
Delta R.T. -0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Tgt Ion:	146	Resp:	79483
Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.6	64.6
148	64.0	32.6	97.8





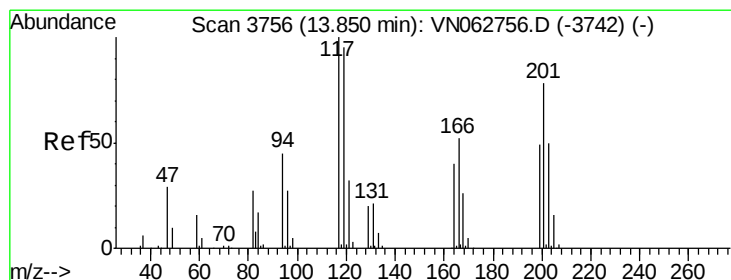
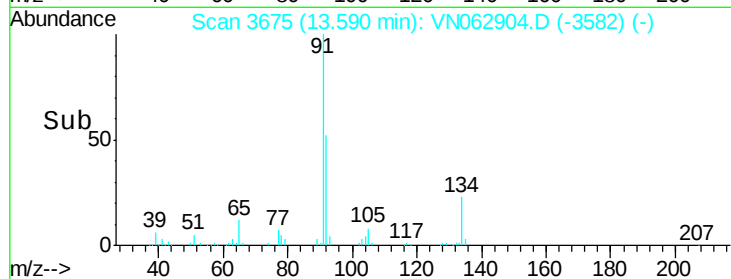
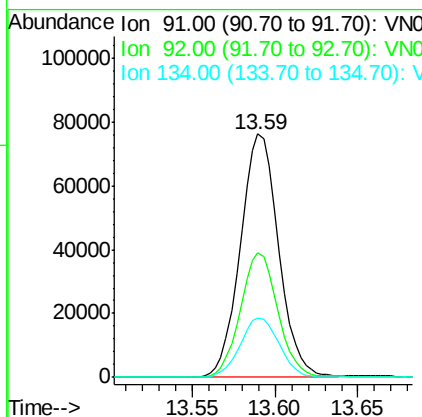
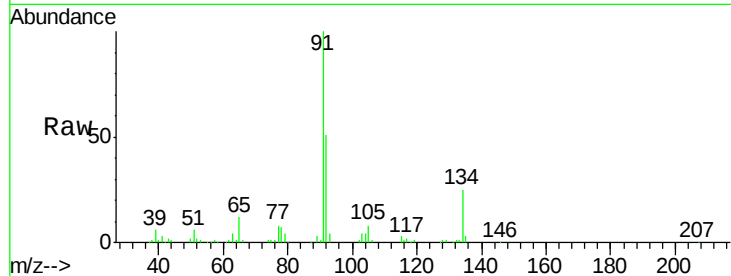
#89
n-Butylbenzene
Concen: 18.766 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.4	25.7	77.0
134	25.0	12.2	36.6

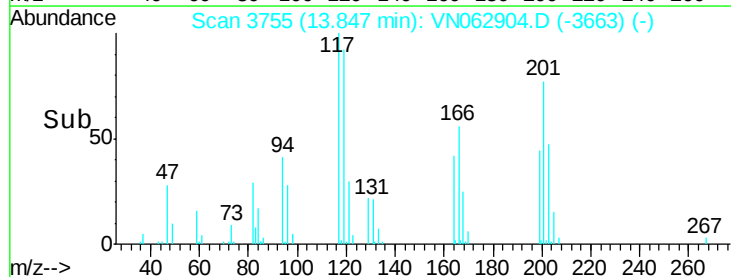
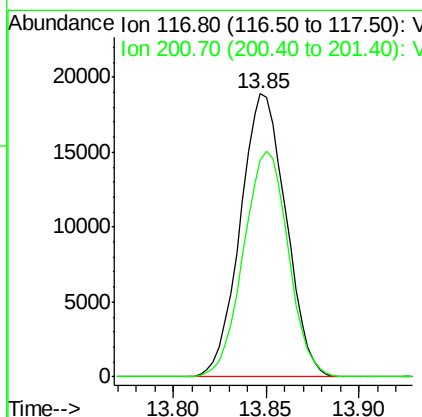
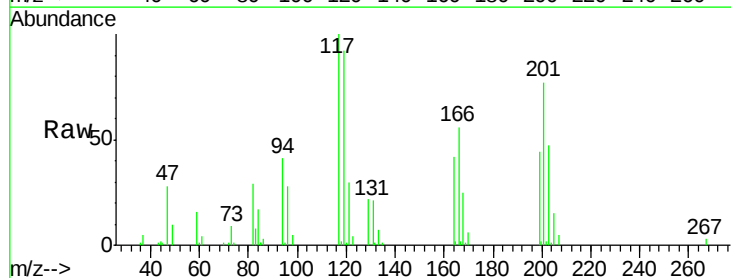
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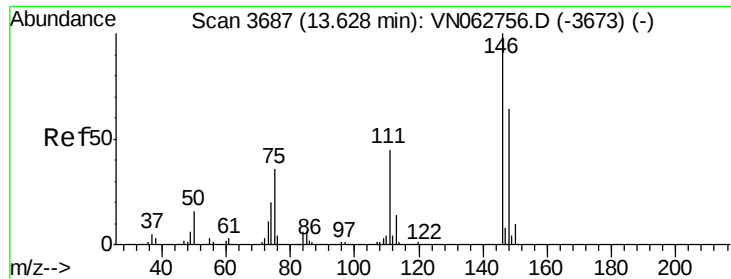
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#90
Hexachloroethane
Concen: 19.464 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062904.D
Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.6	39.2	117.6





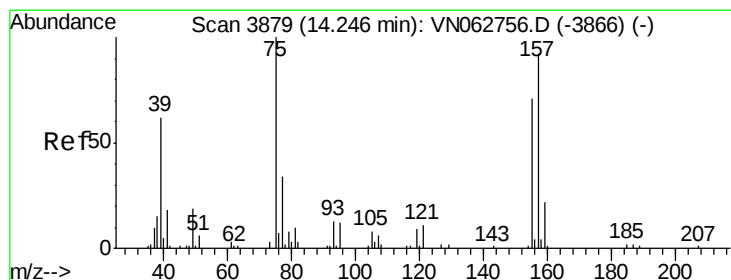
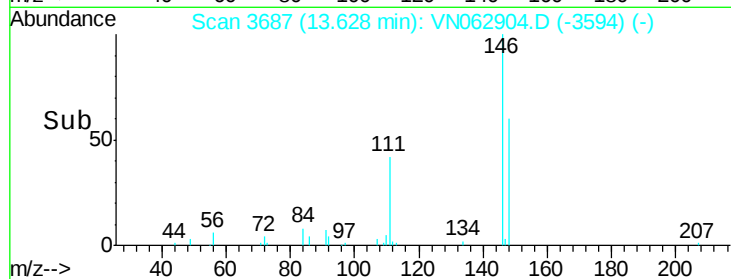
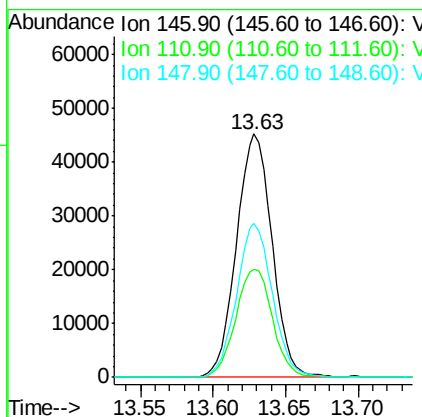
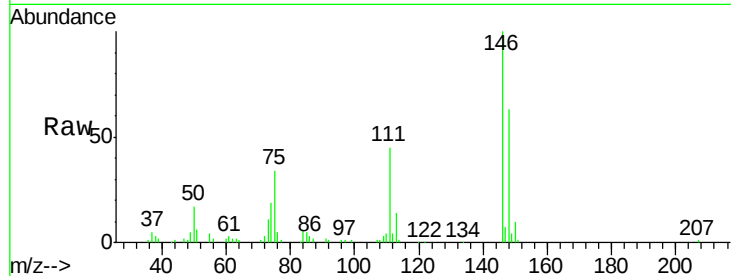
#91
 1,2-Dichlorobenzene
 Concen: 20.673 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.8	68.4
148	63.5	31.9	95.5

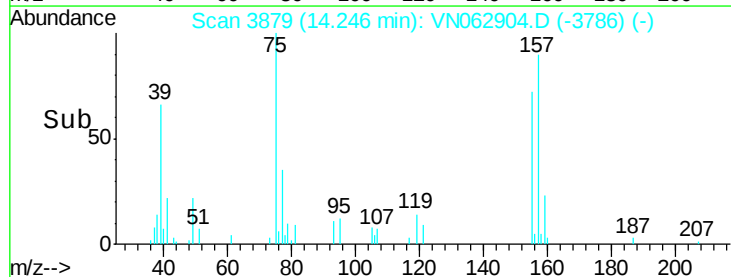
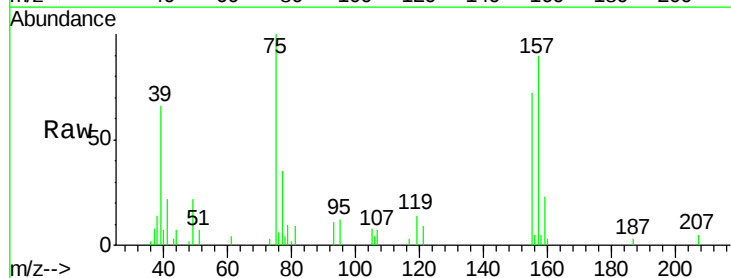
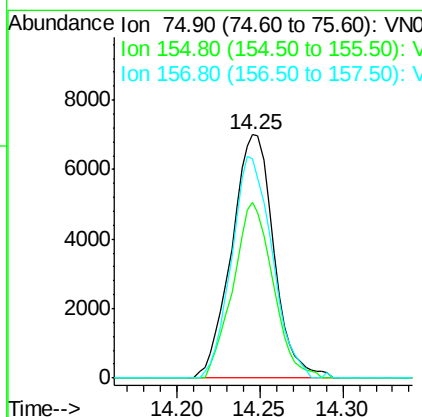
Manual Integrations
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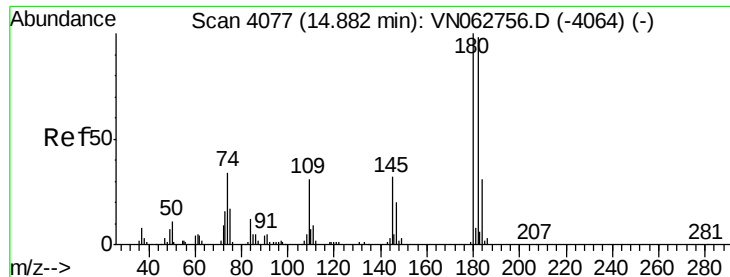
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 8/14/2020 4:50:02 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.291 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.2	35.0	105.1
157	87.3	43.2	129.6





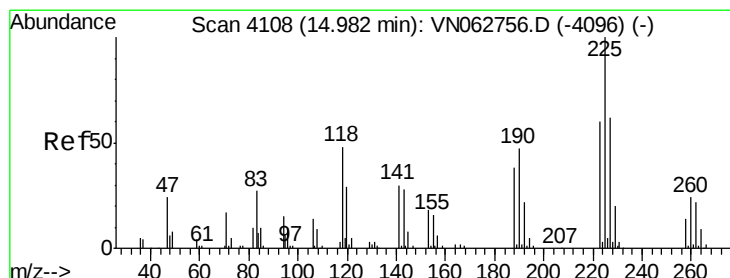
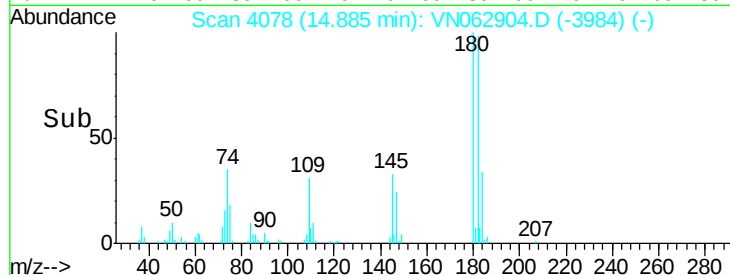
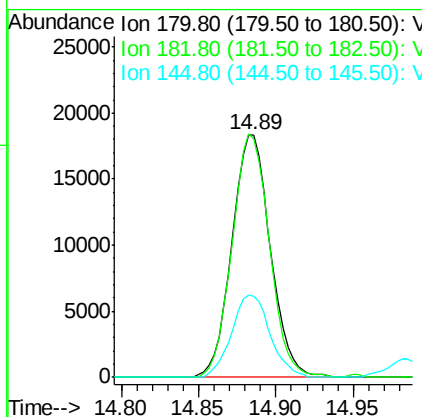
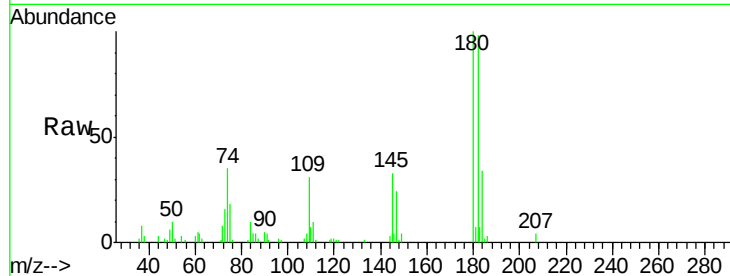
#93
 1,2,4-Trichlorobenzene
 Concen: 18.022 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	49.1	147.4
145	33.9	16.3	48.8

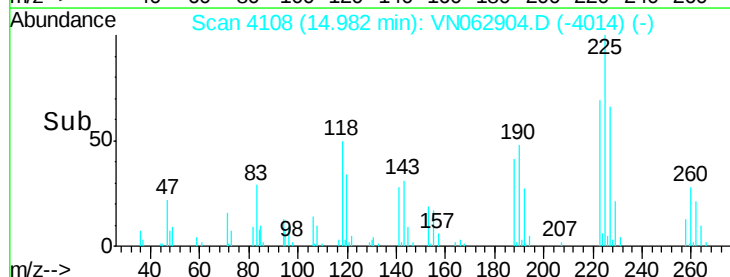
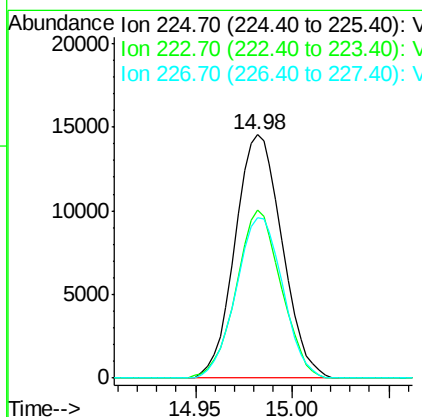
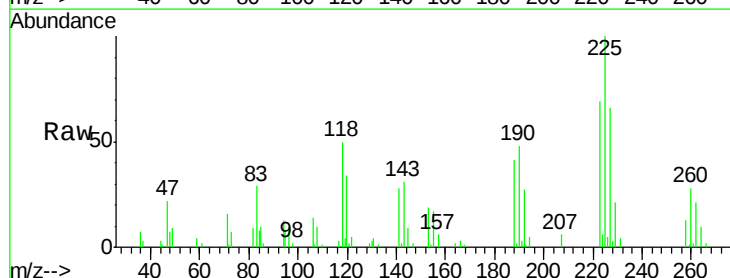
Manual Integrations
 APPROVED

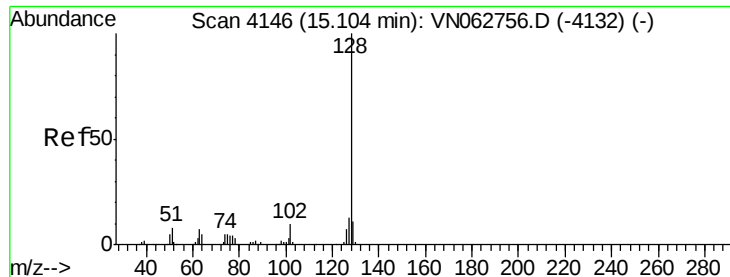
MMDadoda
 8/14/2020 4:50:02 PM



#94
 Hexachlorobutadiene
 Concen: 19.931 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062904.D
 Acq: 13 Aug 2020 12:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.1	30.6	92.0
227	65.4	31.6	95.0





#95

Naphthalene

Concen: 17.332 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Instrument :

MSVOA_N

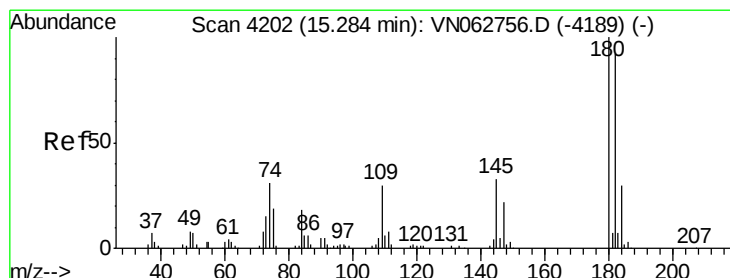
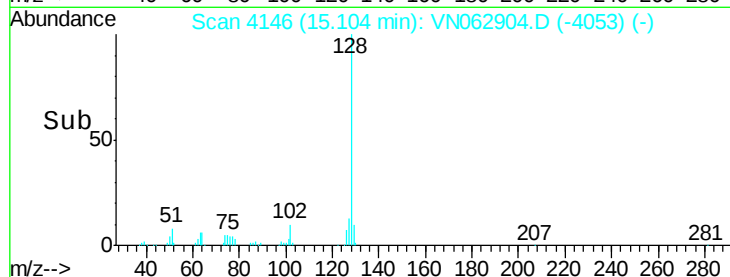
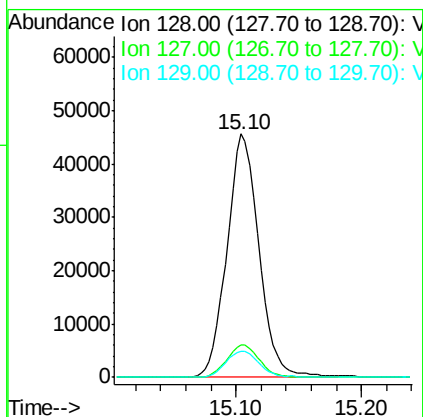
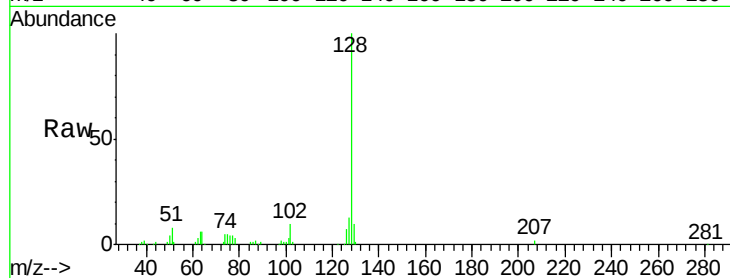
ClientSampleId :

VN0813WBS01

Tot Ion:	128	Resp:	80764
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.8	16.2
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/14/2020 4:50:02 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.557 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062904.D

Acq: 13 Aug 2020 12:15

Tgt Ion:	180	Resp:	33138
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.9	143.6
145	32.6	17.3	51.7

