

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062775.D
 Acq On : 6 Aug 2020 18:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:50:52 PM

Quant Time: Aug 07 04:53:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	177745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	138109	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
35) Dibromofluoromethane	7.55	113	94801	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	10.06	98	368410	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.38	95	139942	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	129499	50.879	ug/l	98
3) Chloromethane	2.03	50	136823	56.966	ug/l	100
4) Vinyl Chloride	2.16	62	128191	56.904	ug/l	99
5) Bromomethane	2.51	94	66971	44.909	ug/l	99
6) Chloroethane	2.66	64	73330	49.479	ug/l	96
7) Trichlorofluoromethane	2.98	101	187030	46.559	ug/l	99
8) Diethyl Ether	3.37	74	53561	46.576	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	80662	49.784	ug/l	97
10) Methyl Iodide	3.91	142	99183	50.941	ug/l	96
11) Tert butyl alcohol	4.74	59	101160	209.984	ug/l	99
12) 1,1-Dichloroethene	3.69	96	73557	48.560	ug/l	99
13) Acrolein	3.57	56	61042	209.274	ug/l	99
14) Allyl chloride	4.27	41	144101	46.306	ug/l	96
15) Acrylonitrile	4.93	53	266409	238.425	ug/l	99
16) Acetone	3.78	43	223150	210.103	ug/l	100
17) Carbon Disulfide	4.01	76	202473	47.057	ug/l	98
18) Methyl Acetate	4.28	43	122941	48.916	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	326180	47.365	ug/l	99
20) Methylene Chloride	4.50	84	92351	47.475	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	79704	44.810	ug/l	100
22) Diisopropyl ether	5.90	45	334265	50.458	ug/l	97
23) Vinyl Acetate	5.84	43	1169216	232.040	ug/l	100
24) 1,1-Dichloroethane	5.80	63	175810	45.286	ug/l	99
25) 2-Butanone	6.79	43	349315	232.218	ug/l	98
26) 2,2-Dichloropropane	6.78	77	132507	37.028	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	98760	46.285	ug/l	94
28) Bromochloromethane	7.15	49	90276	48.182	ug/l	96
29) Tetrahydrofuran	7.17	42	230880	236.251	ug/l	99
30) Chloroform	7.33	83	182197	44.161	ug/l	100
31) Cyclohexane	7.62	56	168692	47.336	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	162531	44.061	ug/l	98
36) 1,1-Dichloropropene	7.75	75	126642	45.413	ug/l	99
37) Ethyl Acetate	6.88	43	131251	45.056	ug/l	100
38) Carbon Tetrachloride	7.73	117	141908	43.026	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	162140	48.313	ug/l	98
40) Benzene	8.00	78	373044	44.829	ug/l	96
41) Methacrylonitrile	7.13	41	68316m	51.971	ug/l	
42) 1,2-Dichloroethane	8.08	62	156256	44.118	ug/l	100
43) Isopropyl Acetate	8.13	43	221115	45.507	ug/l	99
44) Trichloroethene	8.80	130	91583	45.173	ug/l	99
45) 1,2-Dichloropropane	9.08	63	104936	46.592	ug/l	93
46) Dibromomethane	9.17	93	69301	46.962	ug/l	98
47) Bromodichloromethane	9.37	83	153087	46.190	ug/l	99
48) Methyl methacrylate	9.17	41	110445	46.213	ug/l	99
49) 1,4-Dioxane	9.17	88	39301	887.481	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	741997	236.021	ug/l	100
52) Toluene	10.13	92	237686	46.261	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	161140	44.201	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	168528	46.042	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	98163	44.734	ug/l	98
56) Ethyl methacrylate	10.40	69	161391	48.863	ug/l	98
57) 1,3-Dichloropropane	10.68	76	174111	46.697	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	214979	230.263	ug/l	98
59) 2-Hexanone	10.72	43	553265	235.927	ug/l	100
60) Dibromochloromethane	10.88	129	115653	46.185	ug/l	97
61) 1,2-Dibromoethane	10.98	107	99574	45.986	ug/l	100
64) Tetrachloroethene	10.60	164	78413	45.808	ug/l	99
65) Chlorobenzene	11.41	112	259240	46.744	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	101985	45.793	ug/l	99
67) Ethyl Benzene	11.48	91	477526	48.117	ug/l	100
68) m/p-Xylenes	11.60	106	349055	96.892	ug/l	99
69) o-Xylene	11.92	106	167180	49.519	ug/l	98
70) Styrene	11.94	104	297840	50.190	ug/l	99
71) Bromoform	12.10	173	82467	45.257	ug/l #	99
73) Isopropylbenzene	12.22	105	473755	48.223	ug/l	100
74) N-amyl acetate	12.05	43	204368	51.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	156262	45.183	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	153344m	43.581	ug/l	
77) Bromobenzene	12.50	156	113692	46.576	ug/l	95
78) n-propylbenzene	12.57	91	558949	48.469	ug/l	100
79) 2-Chlorotoluene	12.65	91	333634	46.134	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	419005	49.162	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	50463	43.781	ug/l	97
82) 4-Chlorotoluene	12.75	91	353609	47.448	ug/l	99
83) tert-Butylbenzene	12.97	119	350246	48.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	414345	50.816	ug/l	100
85) sec-Butylbenzene	13.15	105	461858	48.767	ug/l	99
86) p-Isopropyltoluene	13.26	119	416775	49.577	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	203026	46.557	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	201785	46.135	ug/l	98
89) n-Butylbenzene	13.59	91	347376	48.859	ug/l	99
90) Hexachloroethane	13.85	117	79410	43.823	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	198952	48.663	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	33501	45.121	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	94092	43.328	ug/l	98
94) Hexachlorobutadiene	14.99	225	60970	47.297	ug/l	98
95) Naphthalene	15.10	128	251435	42.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	94273	43.915	ug/l	100

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

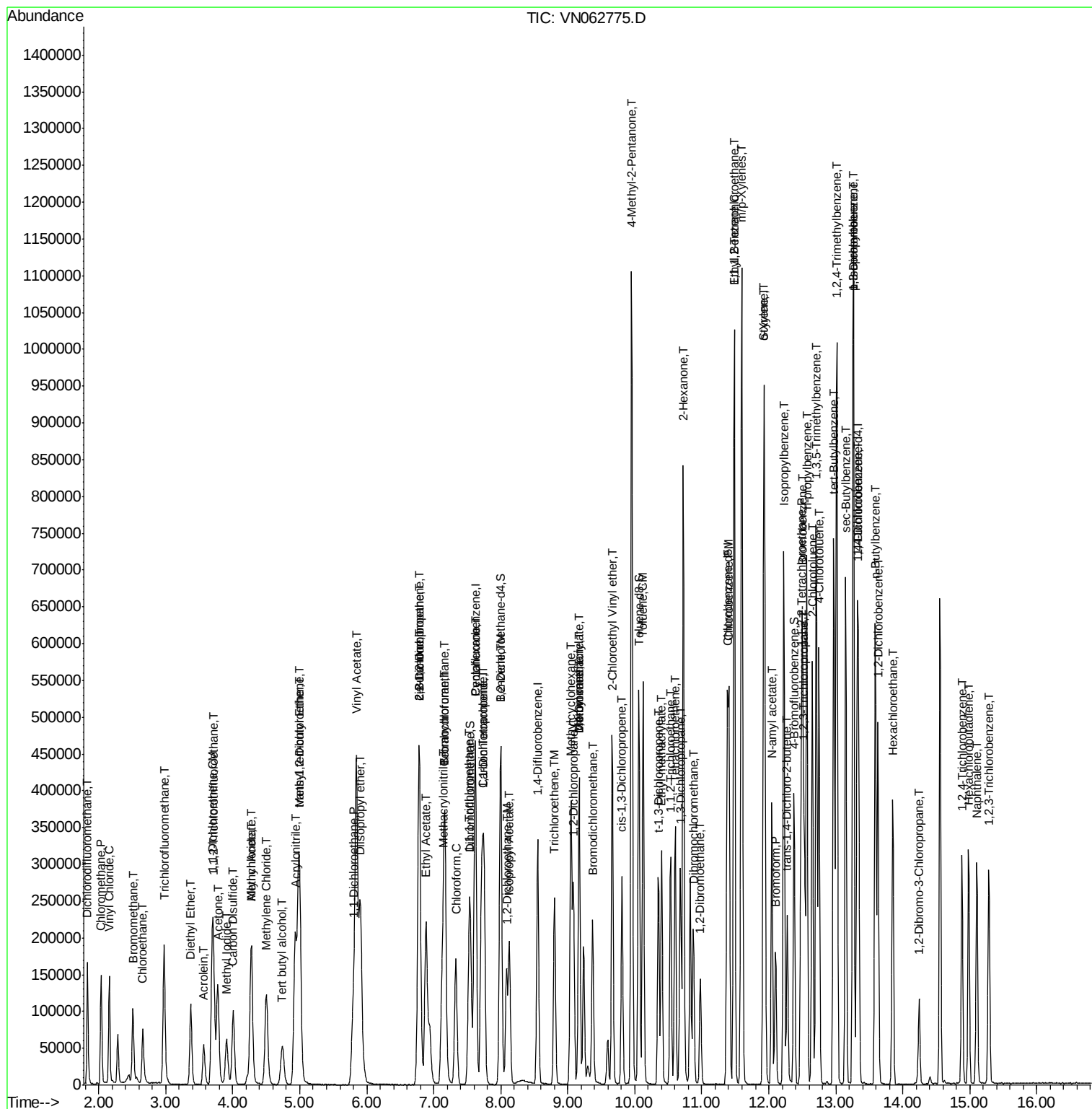
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080620\
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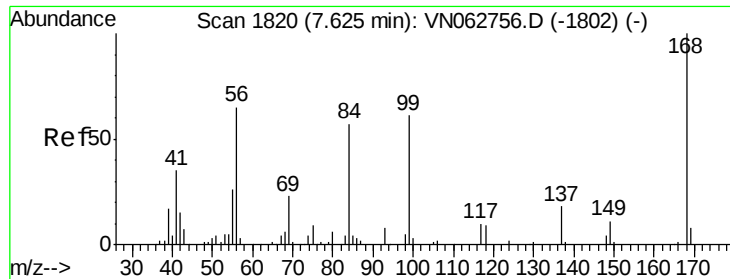
Instrument :
MSVOA_N
Client Sample ID :
VSTDCCC050EC

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 177745

Ion Ratio Lower Upper

168 100

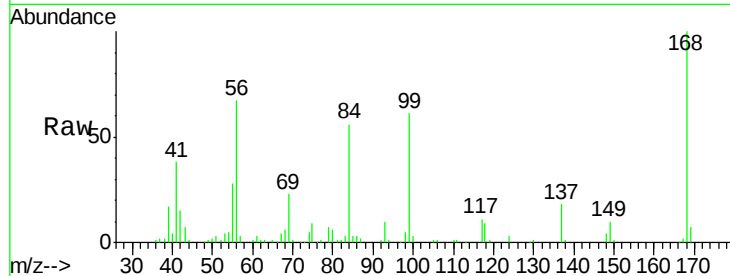
99 60.9 52.9 79.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

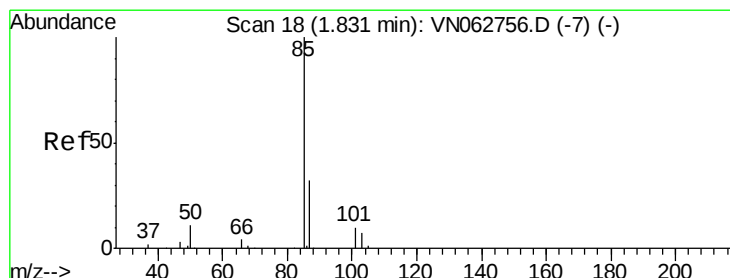
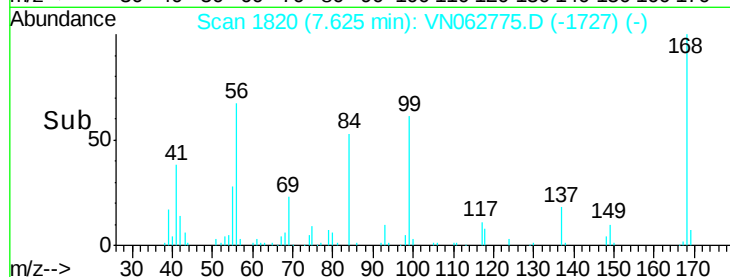
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.879 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062775.D

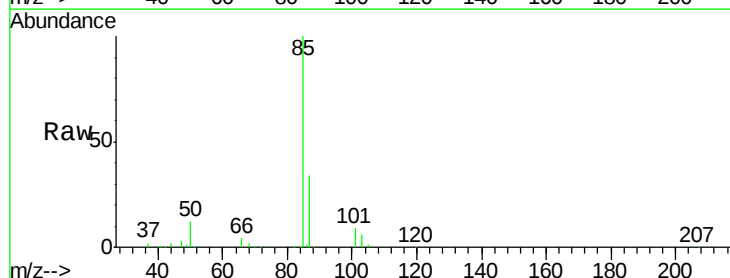
Acq: 6 Aug 2020 18:44

Tgt Ion: 85 Resp: 129499

Ion Ratio Lower Upper

85 100

87 33.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

60000

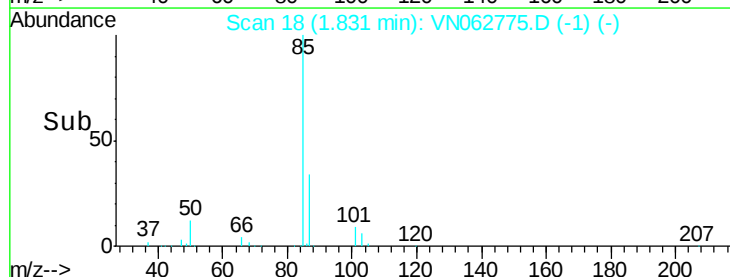
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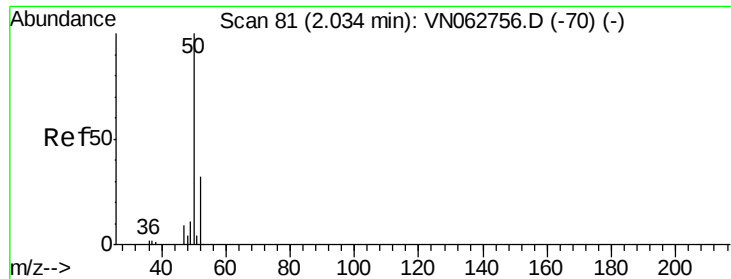
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 56.966 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 136823

Ion Ratio Lower Upper

50 100

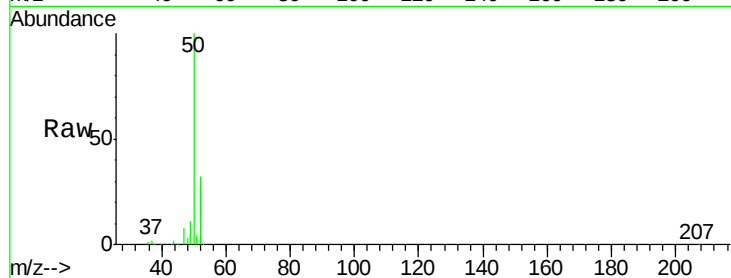
52 32.0 25.6 38.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

100000

80000

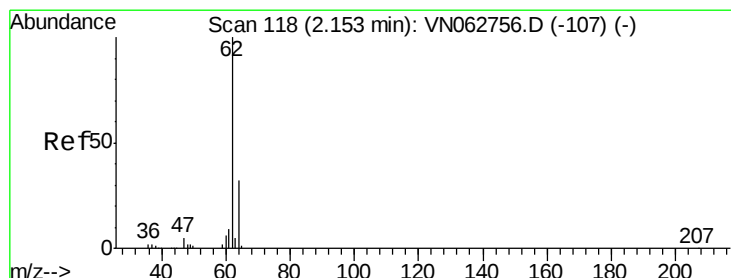
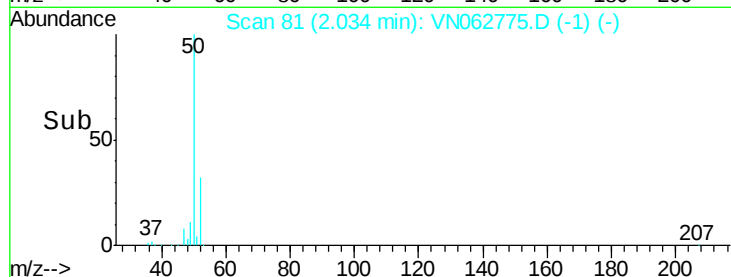
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 56.904 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062775.D

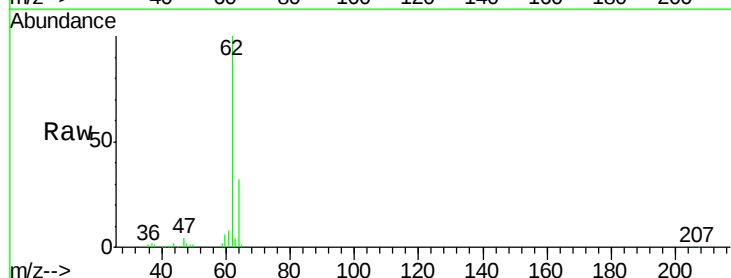
Acq: 6 Aug 2020 18:44

Tgt Ion: 62 Resp: 128191

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

100000

80000

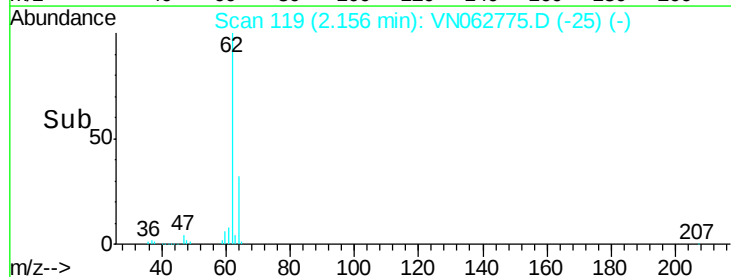
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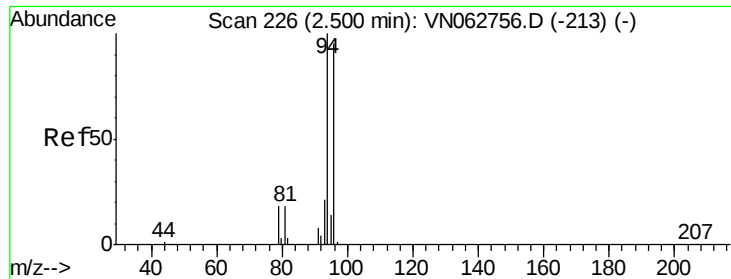
40000

20000

0

Time-->





#5

Bromomethane

Concen: 44.909 ug/l

RT: 2.51 min Scan# 229

Delta R.T. 0.01 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 66971

Ion Ratio Lower Upper

94 100

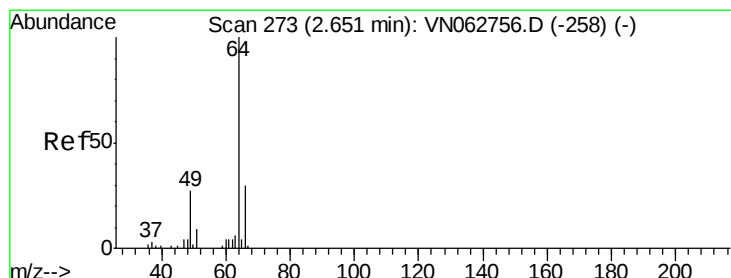
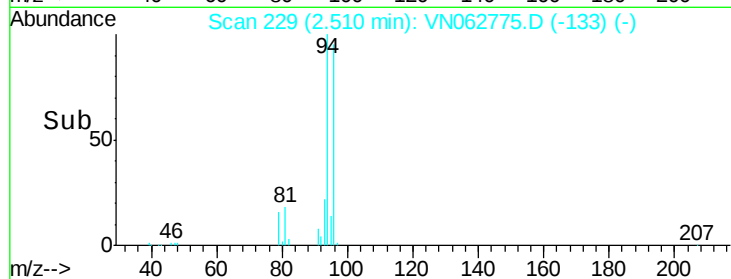
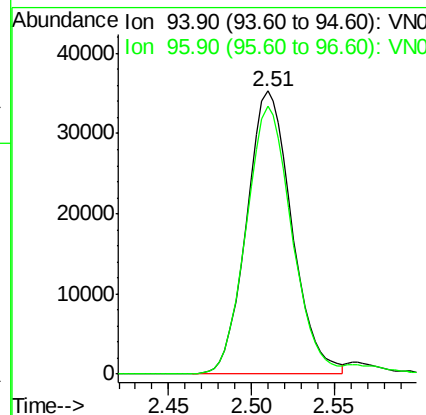
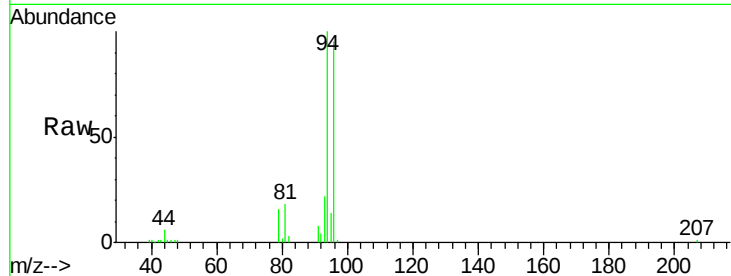
96 94.6 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 49.479 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.01 min

Lab File: VN062775.D

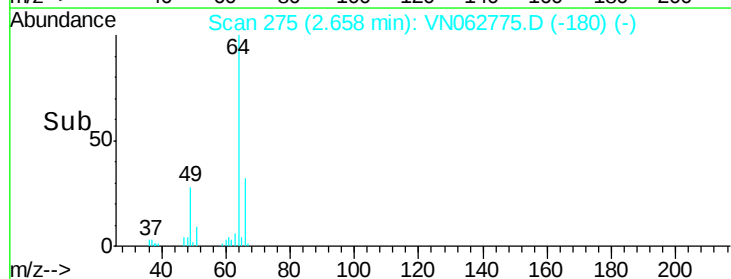
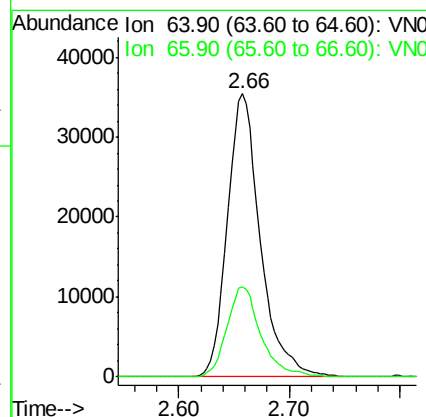
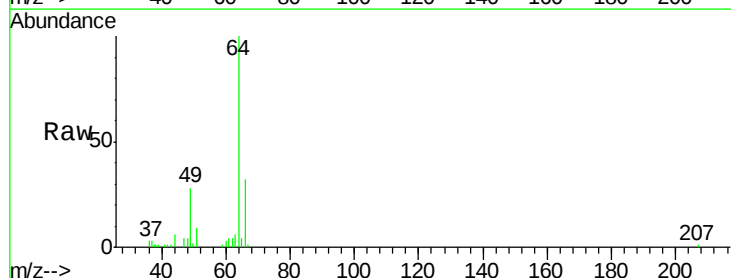
Acq: 6 Aug 2020 18:44

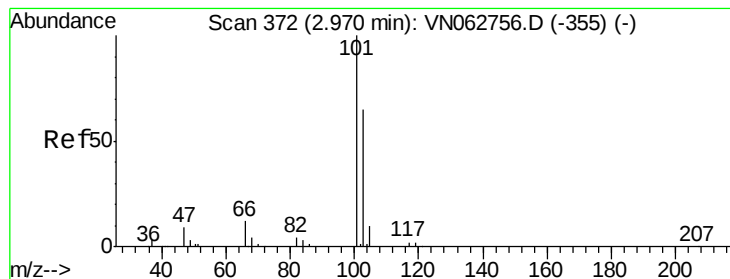
Tgt Ion: 64 Resp: 73330

Ion Ratio Lower Upper

64 100

66 31.9 24.0 36.0





#7

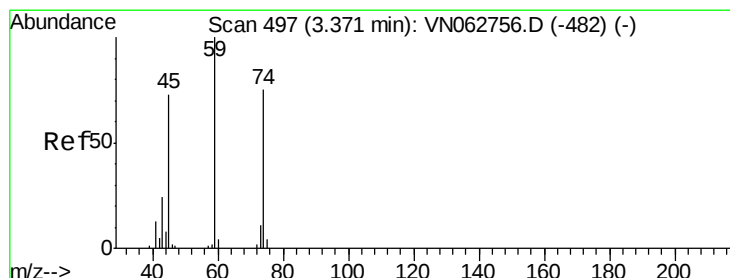
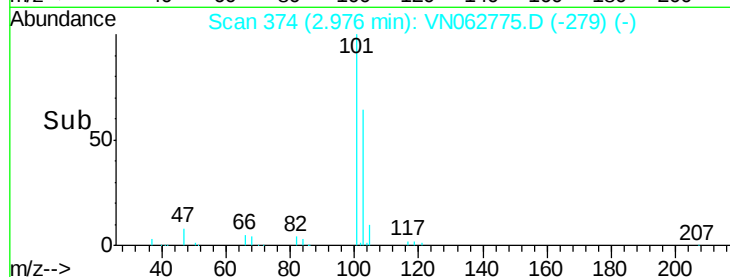
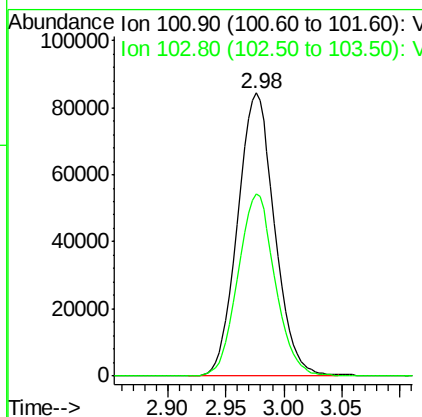
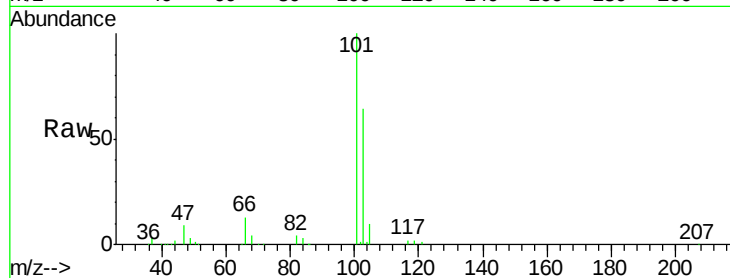
Trichlorofluoromethane
Concen: 46.559 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.01 min
Lab File: VN062775.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.3	78.5

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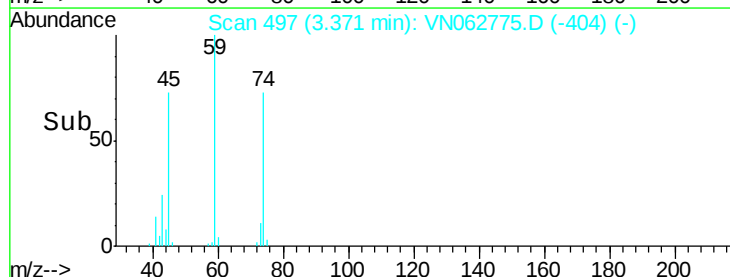
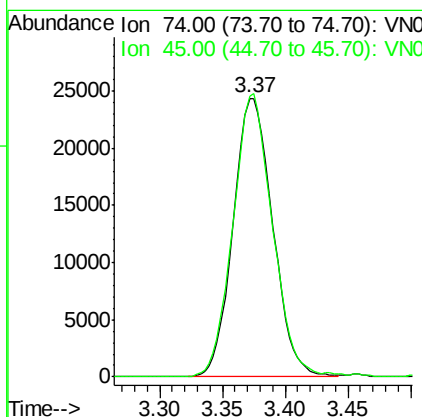
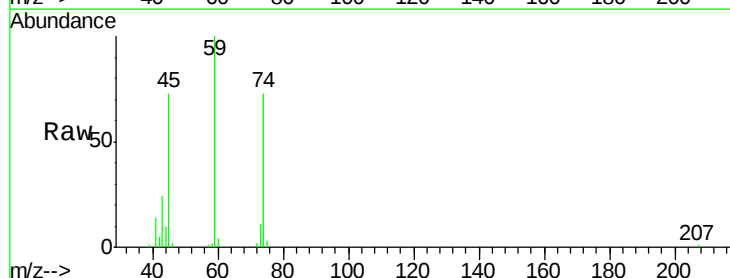
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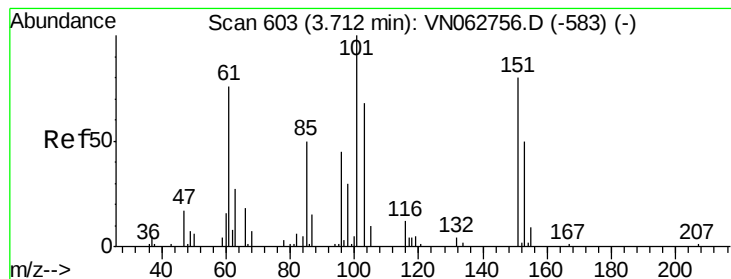


#8

Diethyl Ether
Concen: 46.576 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.3	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.784 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

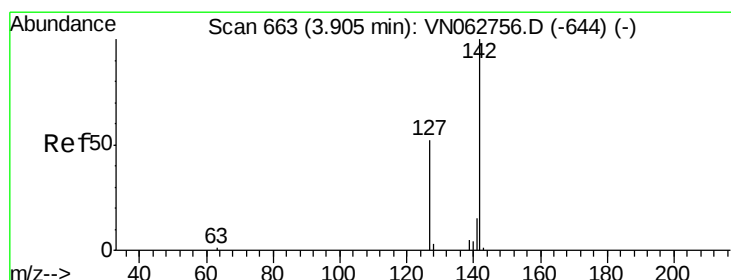
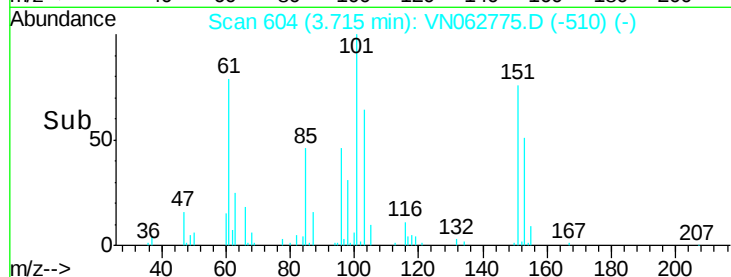
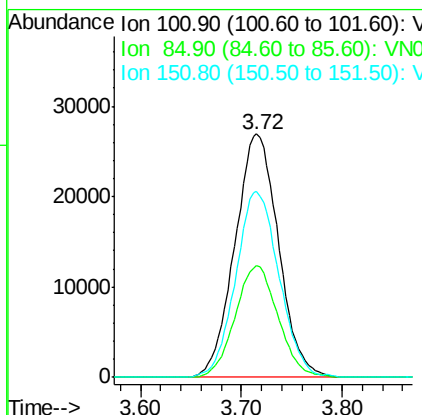
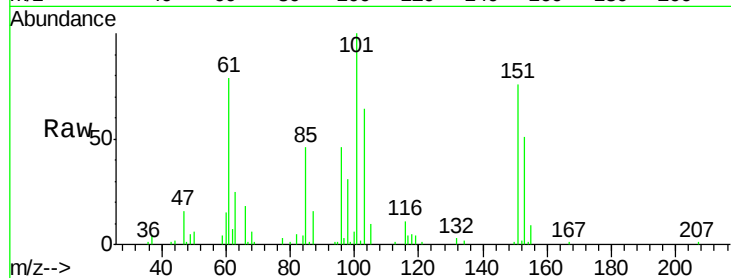
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	80662
Ion Ratio	Lower	Upper	
101	100		
85	45.1	38.5	57.7
151	76.2	63.0	94.6

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#10

Methyl Iodide

Concen: 50.941 ug/l

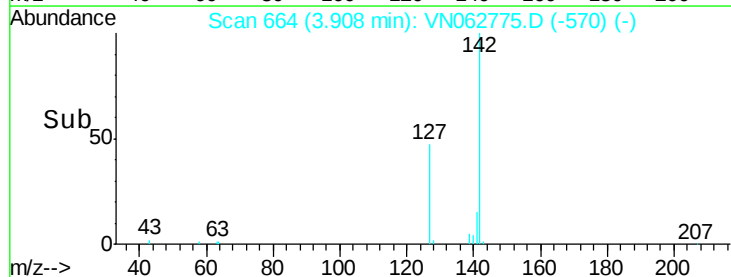
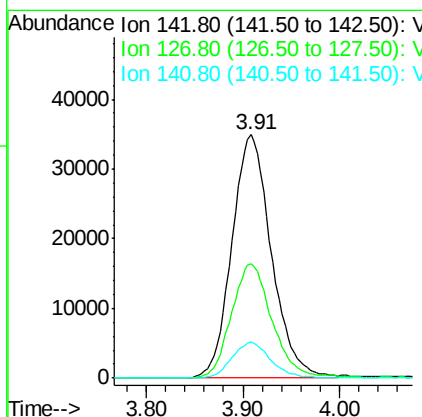
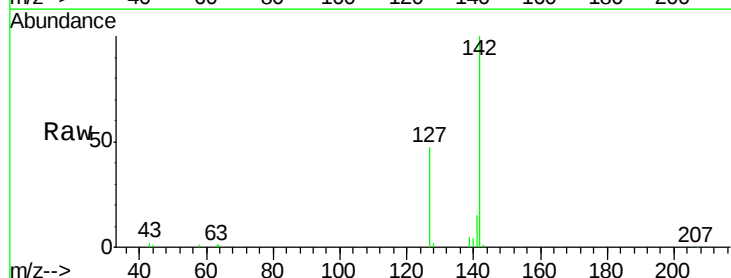
RT: 3.91 min Scan# 664

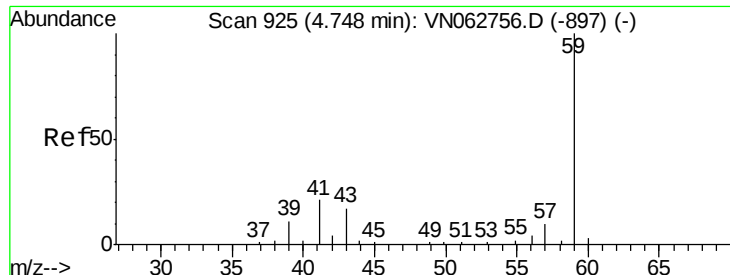
Delta R.T. 0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Tgt Ion:	142	Resp:	99183
Ion Ratio	Lower	Upper	
142	100		
127	48.5	41.4	62.0
141	14.4	12.2	18.4





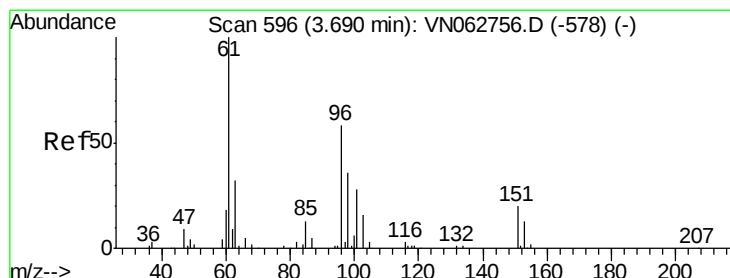
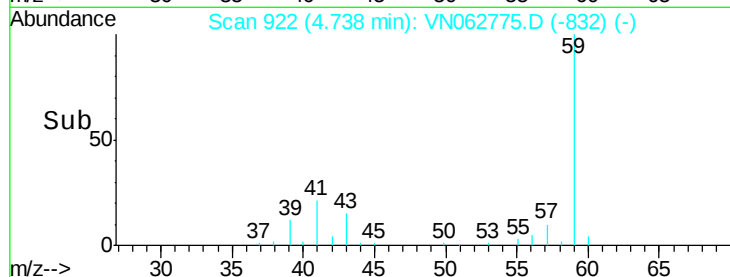
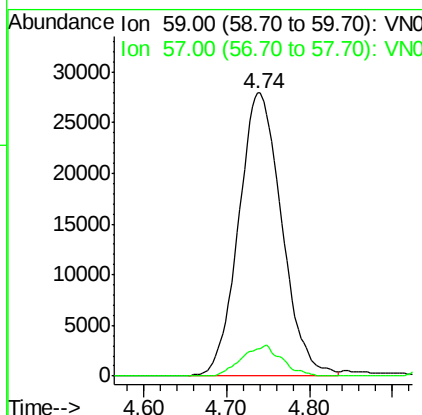
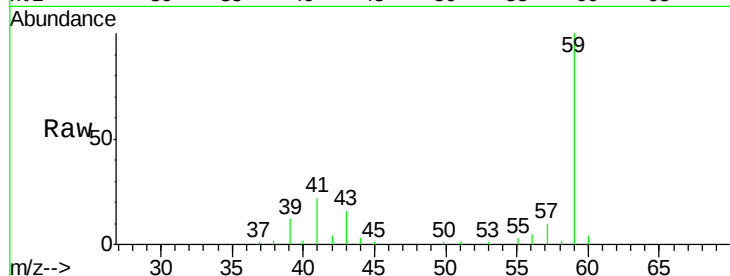
#11
Tert butyl alcohol
Concen: 209.984 ug/l
RT: 4.74 min Scan# 922
Delta R.T. -0.01 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	101160		
57	10.1		8.3	12.5

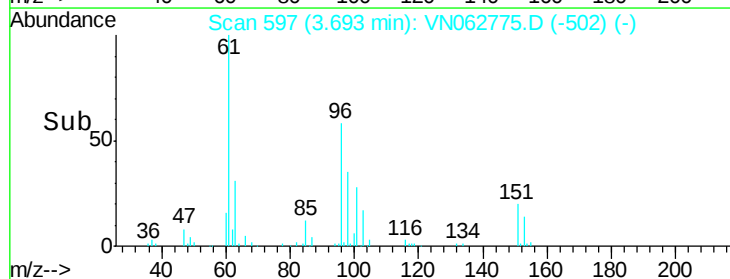
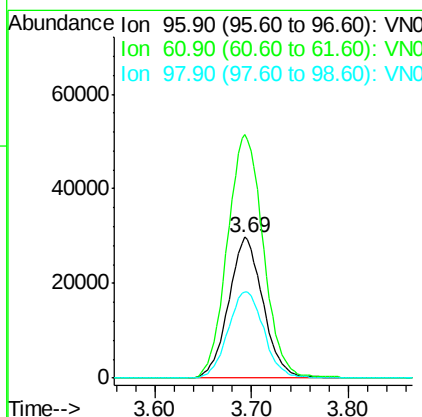
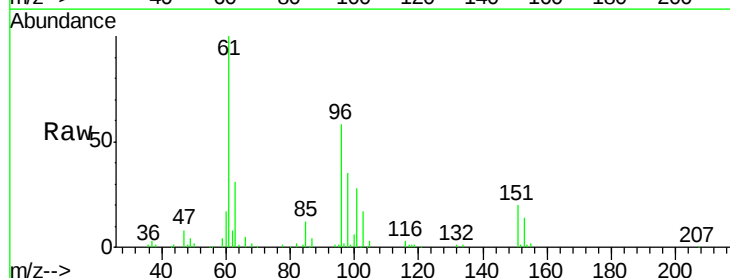
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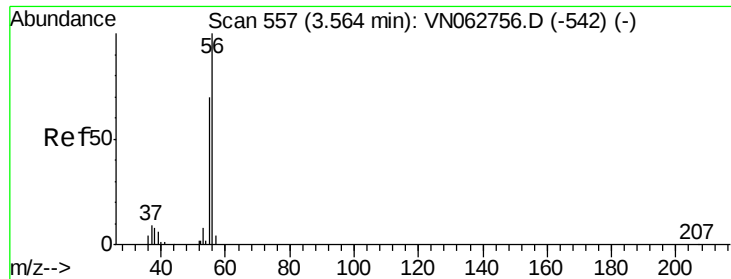
MMDadoda
8/7/2020 12:50:52 PM



#12
1,1-Dichloroethene
Concen: 48.560 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	73557		
61	172.9		139.0	208.6
98	61.3		50.2	75.4





#13

Acrolein

Concen: 209.274 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 61042

Ion Ratio Lower Upper

56 100

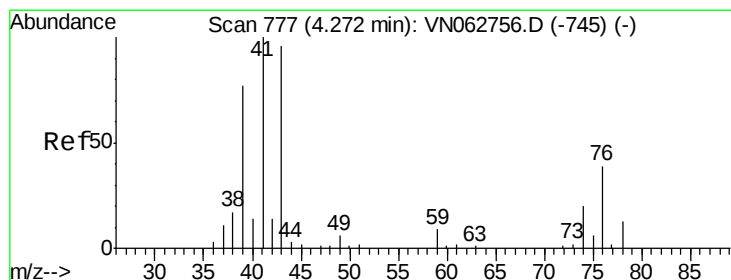
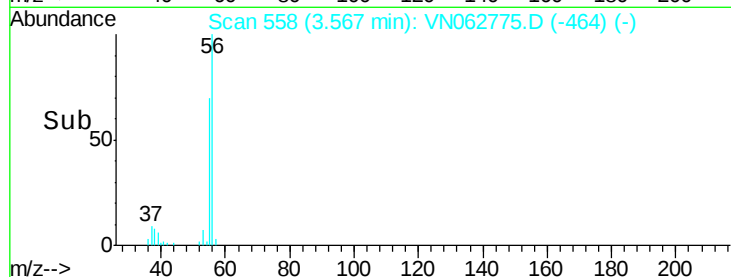
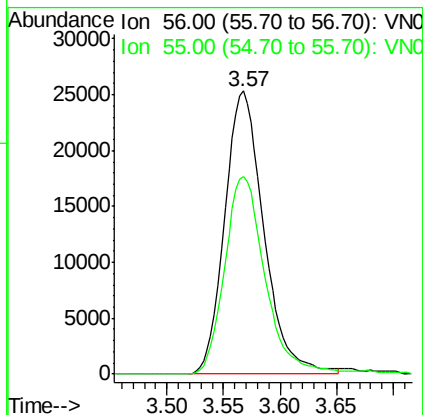
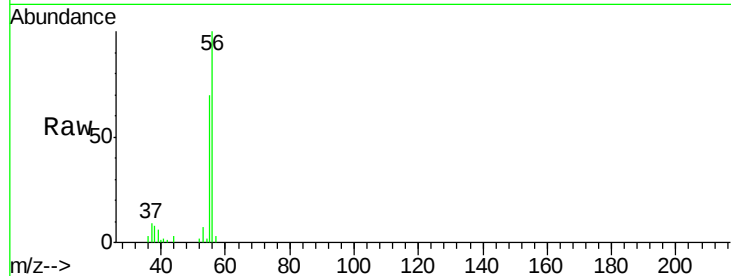
55 71.8 57.0 85.6

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#14

Allyl chloride

Concen: 46.306 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

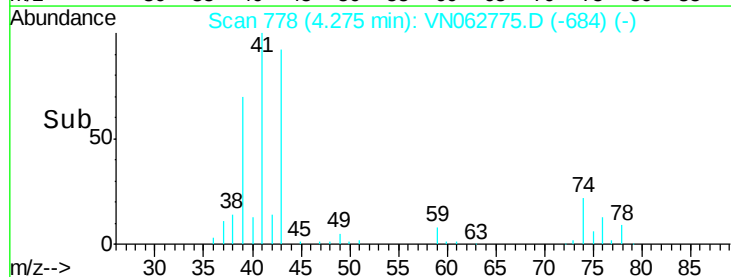
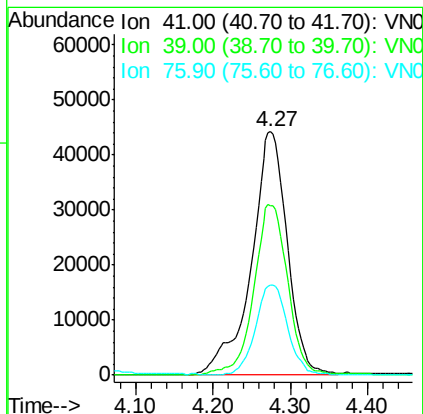
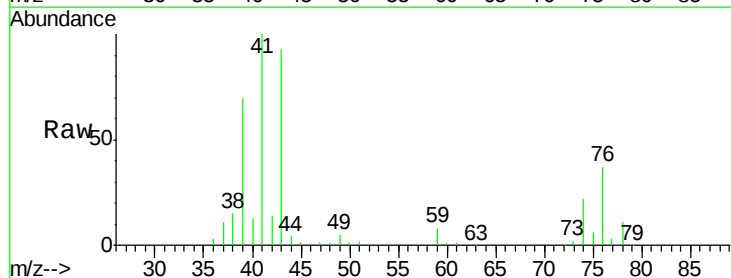
Tgt Ion: 41 Resp: 144101

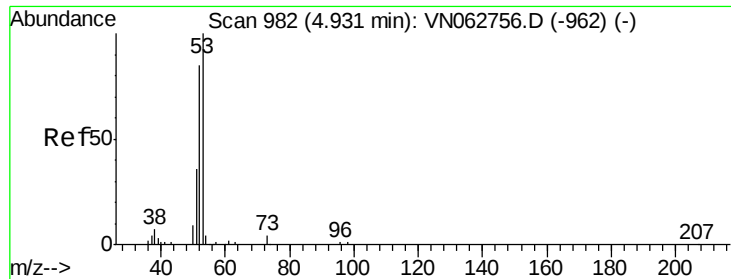
Ion Ratio Lower Upper

41 100

39 65.4 55.7 83.5

76 32.9 27.5 41.3





#15

Acrylonitrile

Concen: 238.425 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

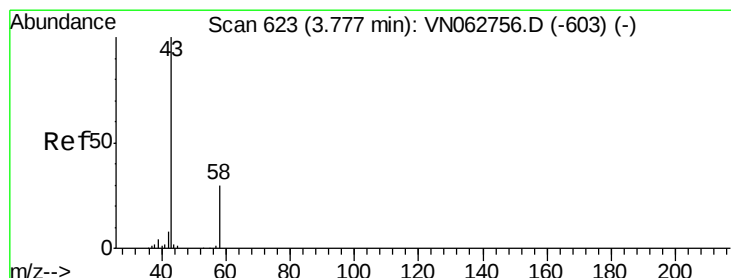
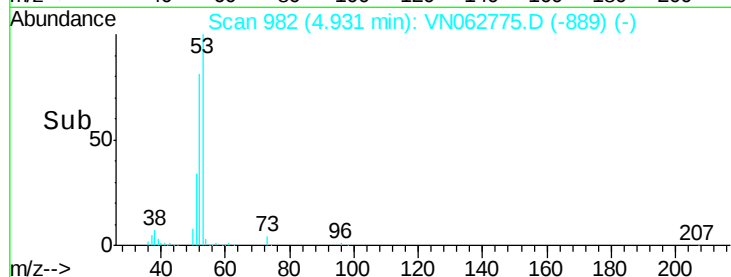
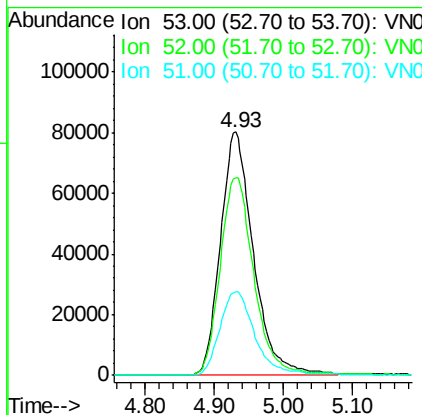
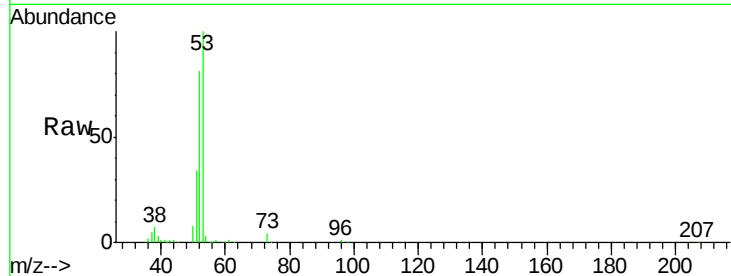
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	266409
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.8	100.2
51	36.3	29.5	44.3

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#16

Acetone

Concen: 210.103 ug/l

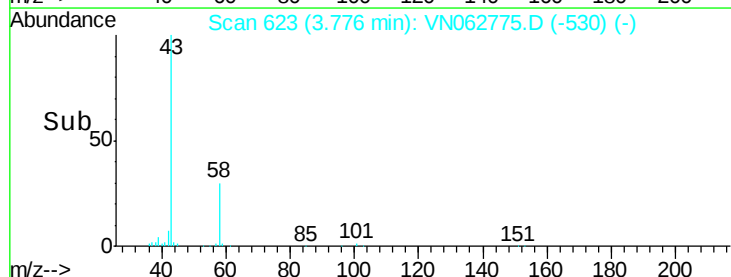
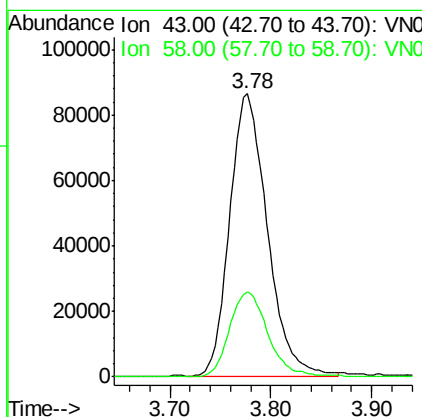
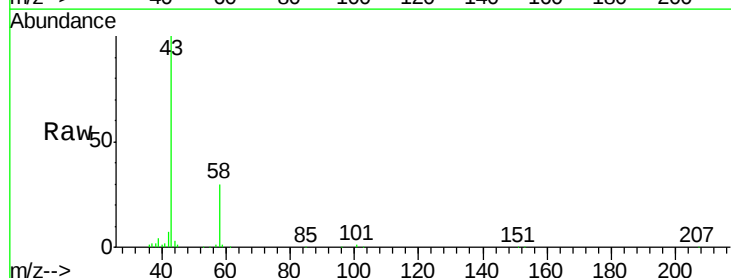
RT: 3.78 min Scan# 623

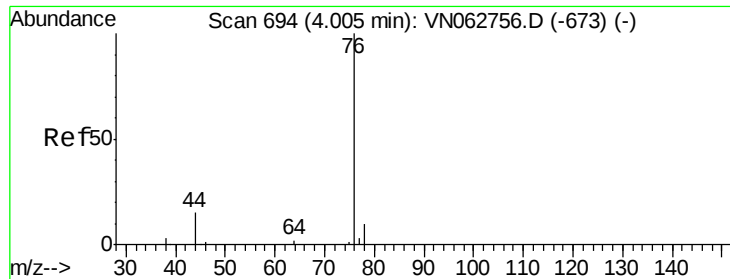
Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Tgt Ion:	43	Resp:	223150
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.1	36.1





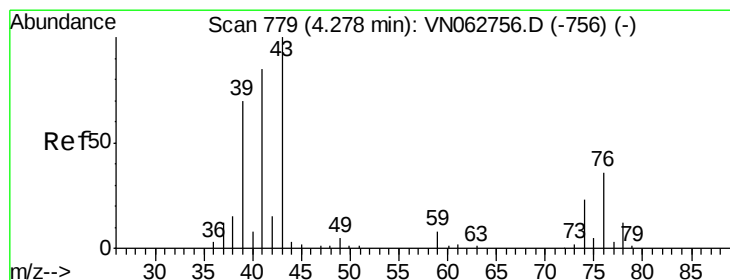
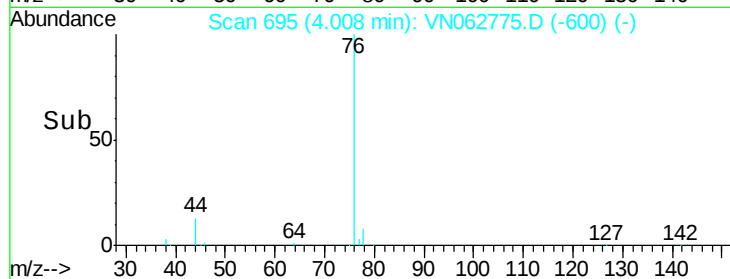
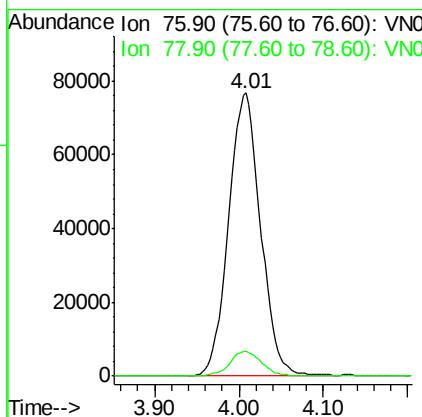
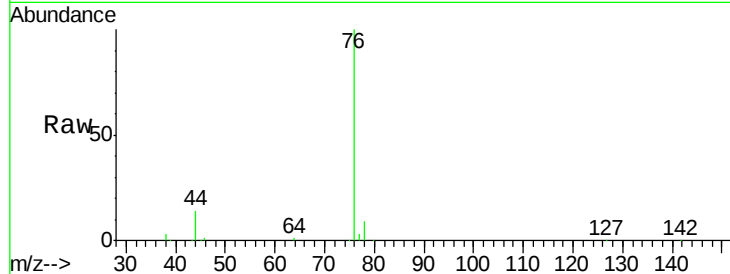
#17
Carbon Disulfide
Concen: 47.057 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	76	Resp	202473
Ion Ratio	Lower	Upper	
76	100		
78	8.8	7.7	11.5

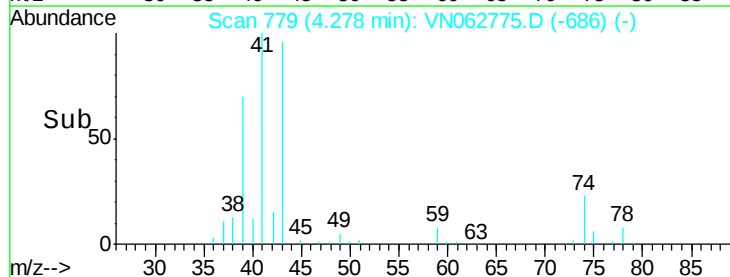
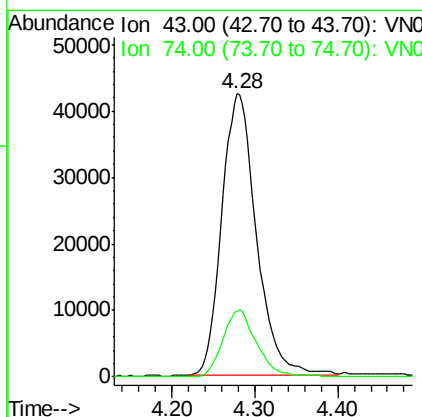
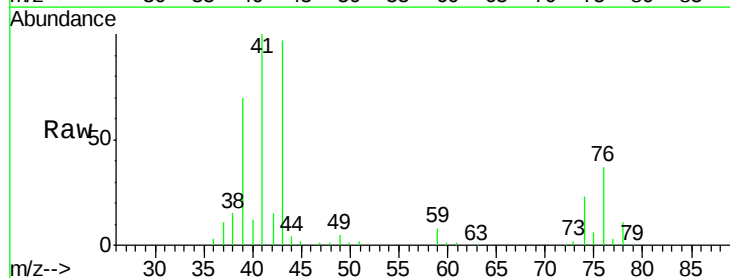
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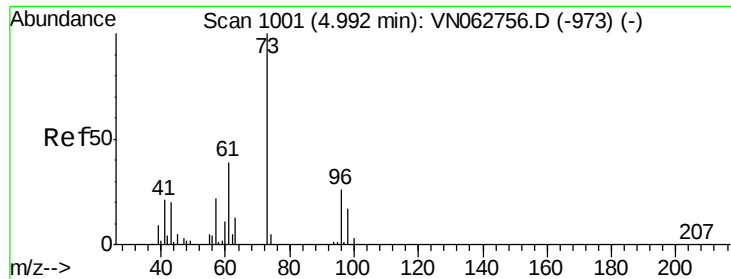
MMDadoda
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#18
Methyl Acetate
Concen: 48.916 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	43	Resp	122941
Ion Ratio	Lower	Upper	
43	100		
74	22.9	18.6	28.0





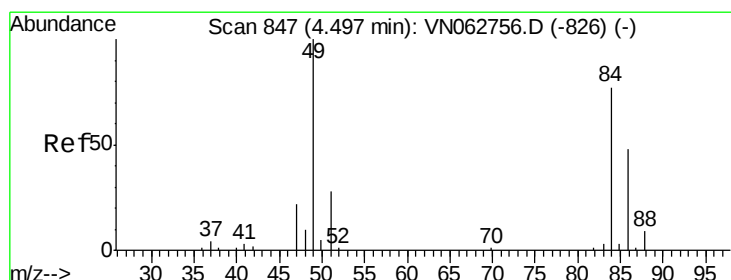
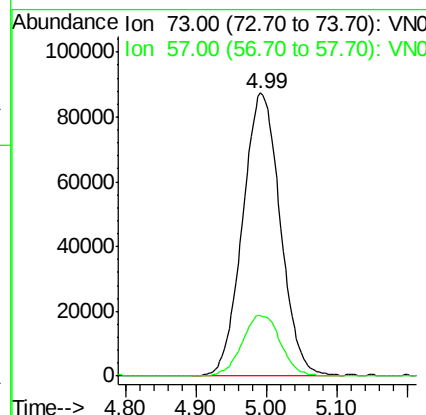
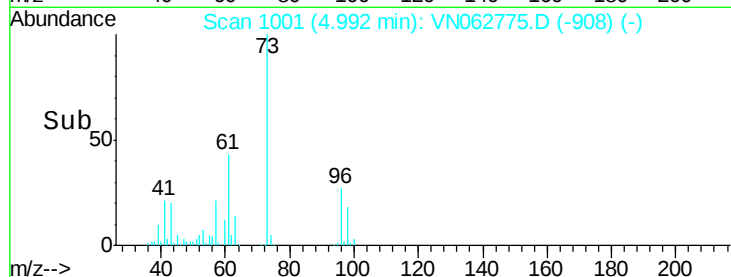
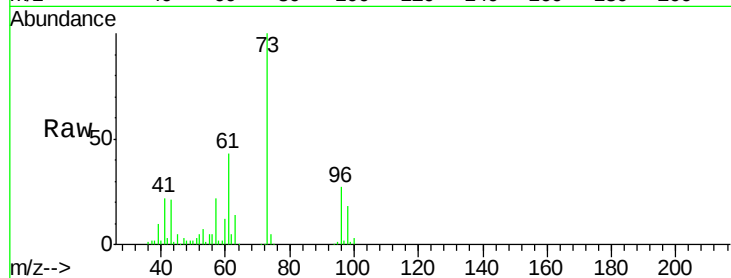
#19
Methvl tert-butvl Ether
Concen: 47.365 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 326180
Ion Ratio Lower Upper
73 100
57 21.5 17.5 26.3

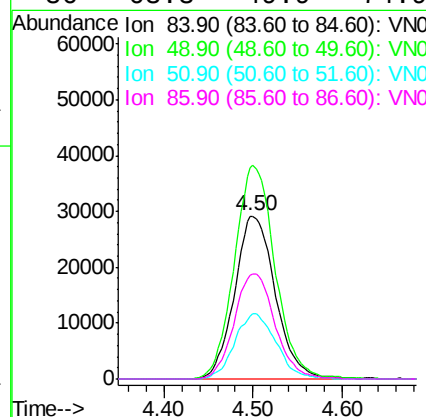
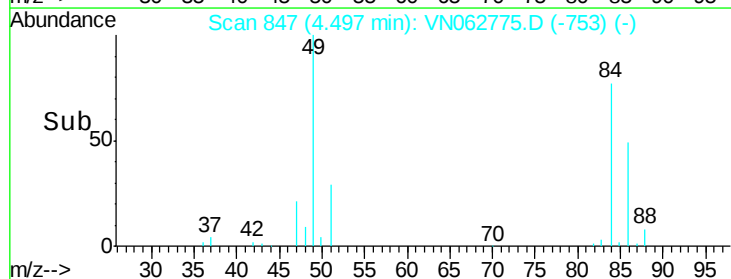
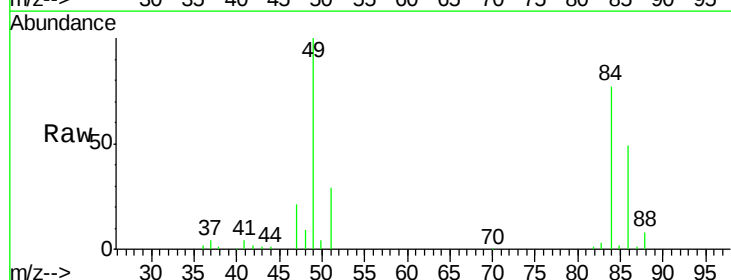
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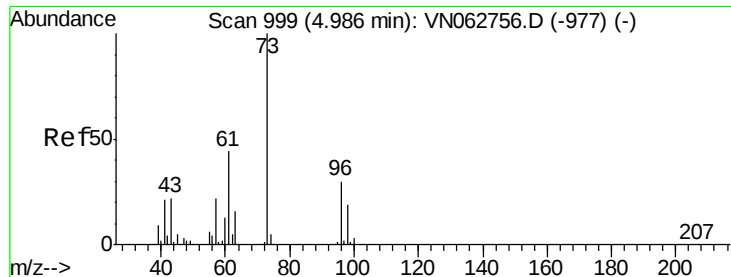
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#20
Methylene Chloride
Concen: 47.475 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion: 84 Resp: 92351
Ion Ratio Lower Upper
84 100
49 129.6 103.4 155.2
51 38.2 29.3 43.9
86 63.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 44.810 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

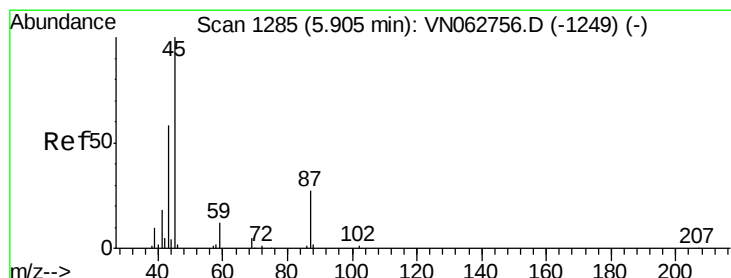
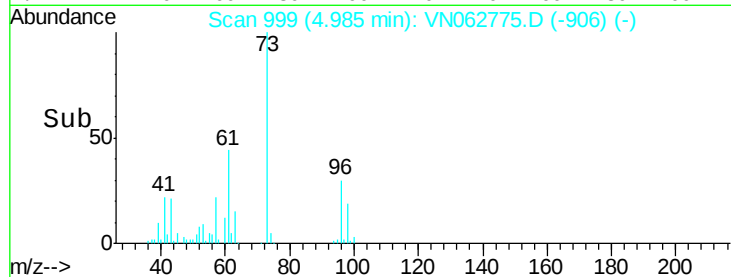
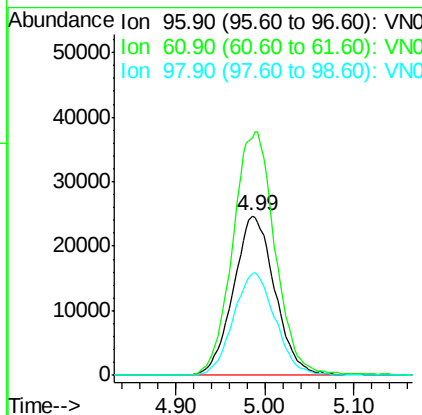
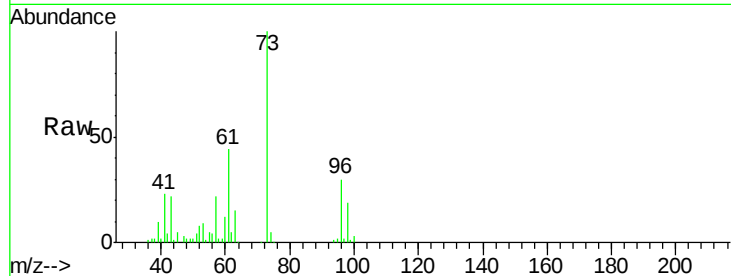
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	79704
Ion	Ratio	Lower	Upper
96	100		
61	149.1	118.8	178.2
98	63.6	51.0	76.4

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#22

Diisopropyl ether

Concen: 50.458 ug/l

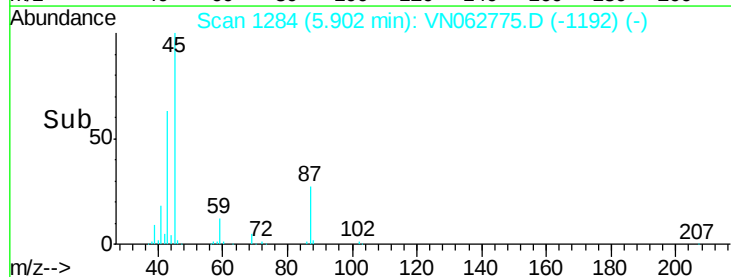
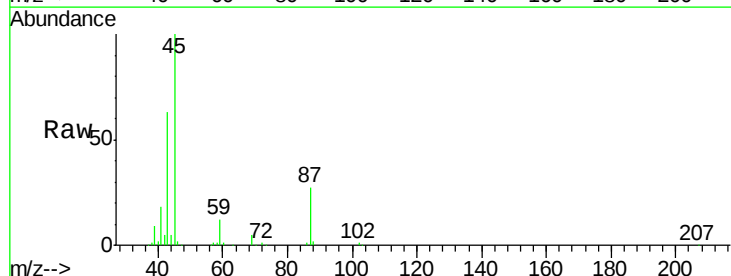
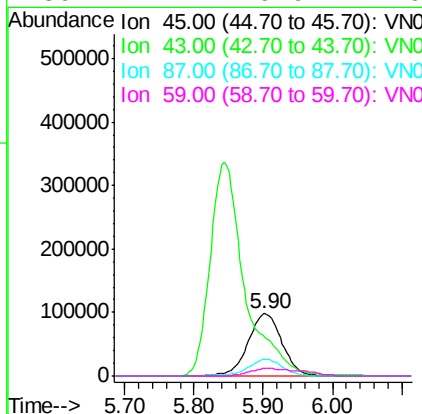
RT: 5.90 min Scan# 1284

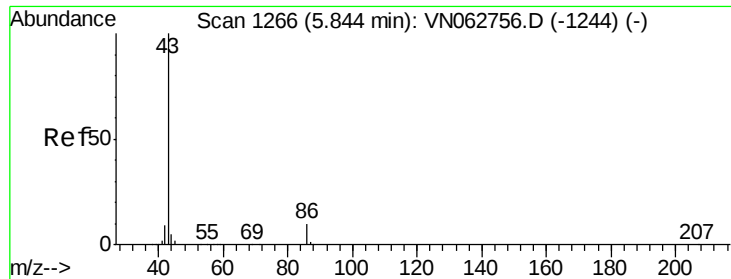
Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Tgt Ion:	45	Resp:	334265
Ion	Ratio	Lower	Upper
45	100		
43	61.3	47.4	71.2
87	26.7	22.8	34.2
59	11.7	9.9	14.9





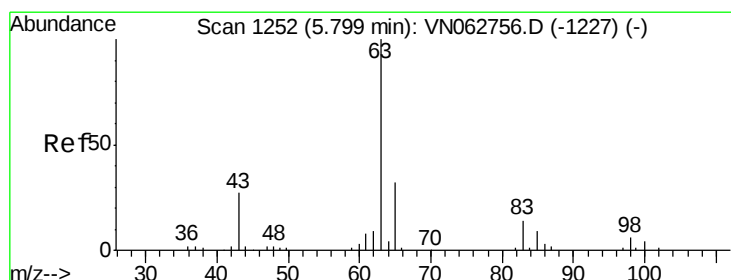
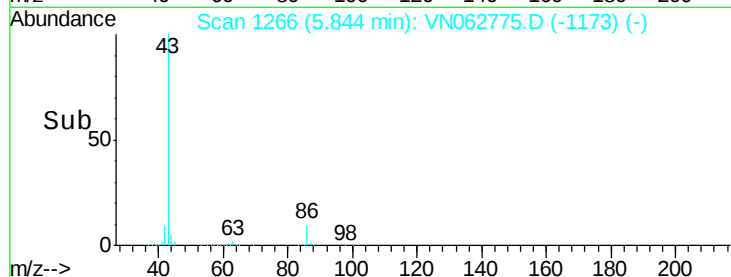
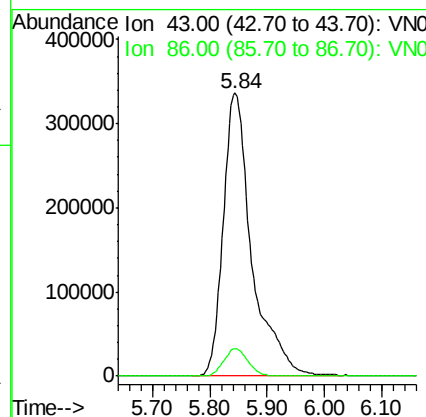
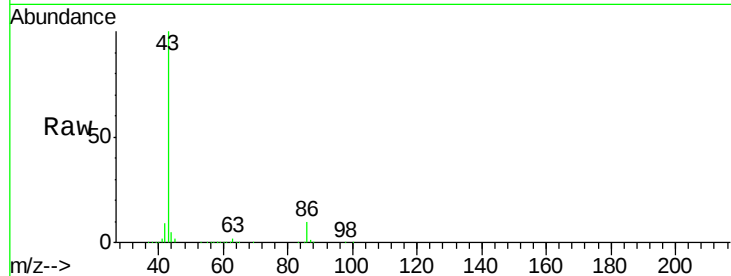
#23
 Vinyl Acetate
 Concen: 232.040 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1169216
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5

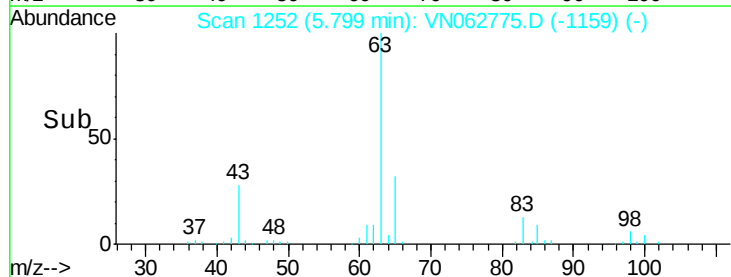
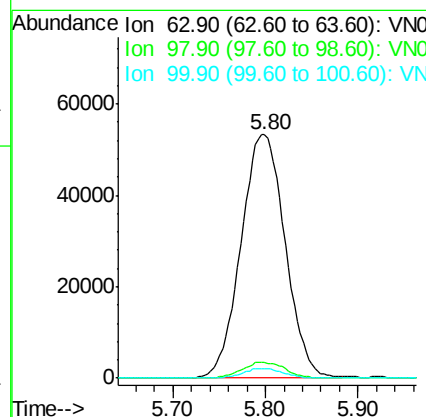
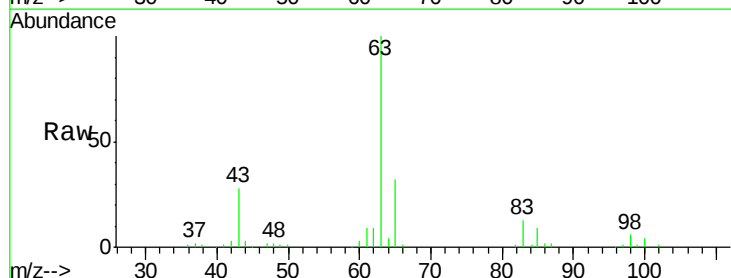
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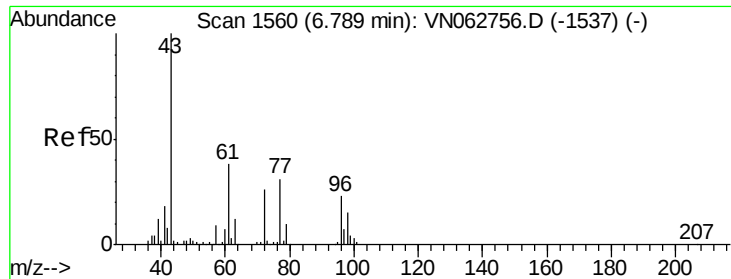
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 45.286 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Tgt Ion: 63 Resp: 175810
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.0 9.2
 100 4.0 1.9 5.7





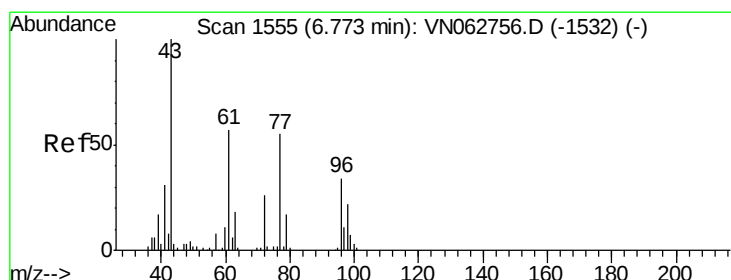
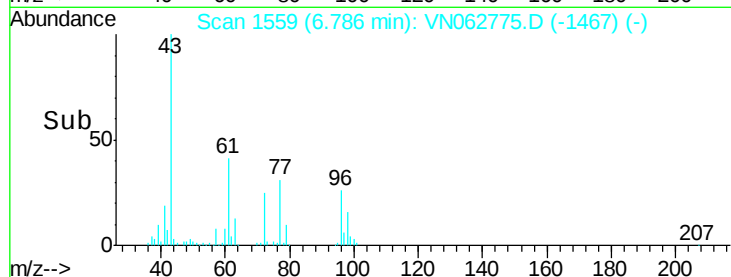
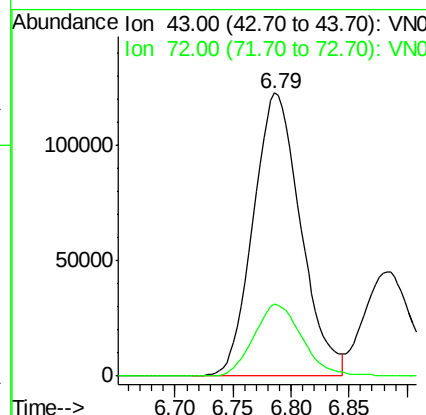
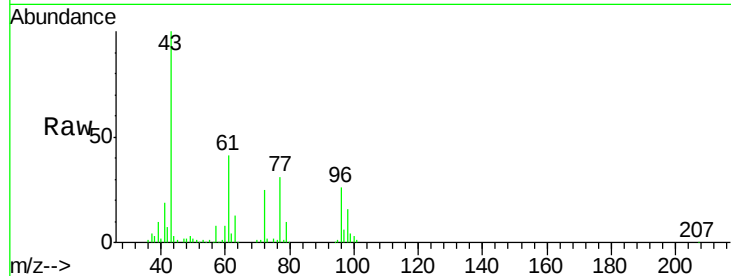
#25
2-Butanone
Concen: 232.218 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 349315
Ion Ratio Lower Upper
43 100
72 25.3 21.1 31.7

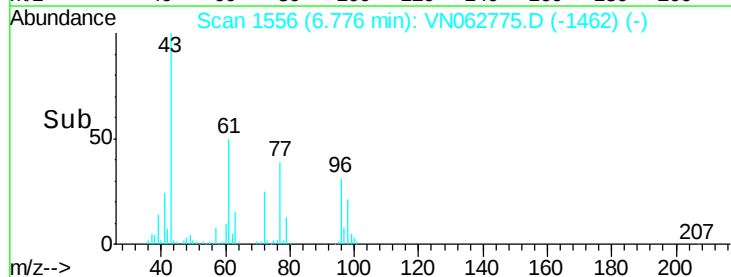
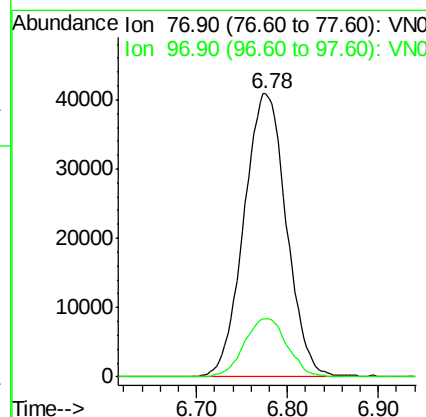
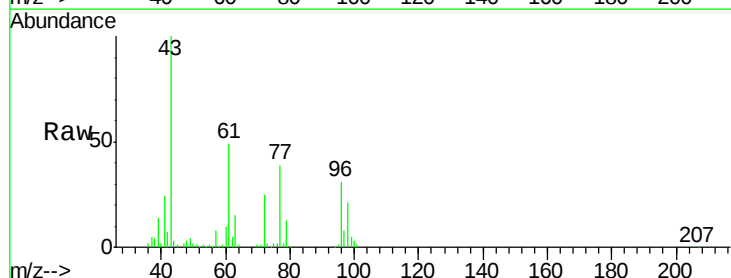
Manual Integrations
APPROVED

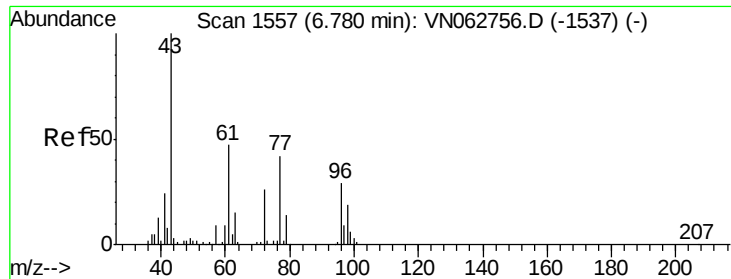
MMDadoda
8/7/2020 12:50:52 PM



#26
2,2-Dichloropropane
Concen: 37.028 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion: 77 Resp: 132507
Ion Ratio Lower Upper
77 100
97 20.7 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 46.285 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

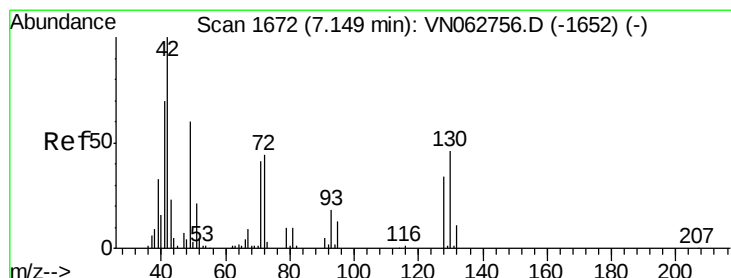
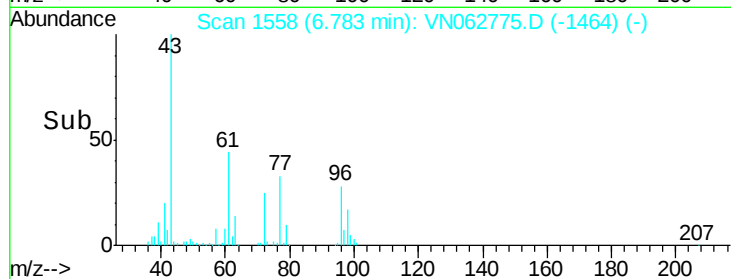
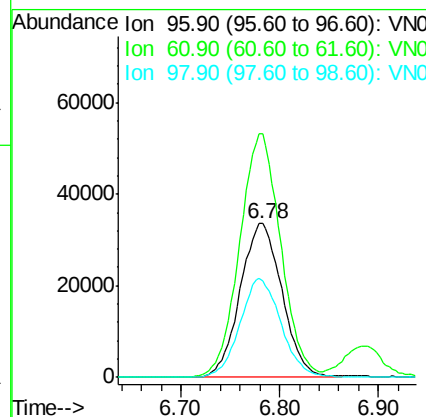
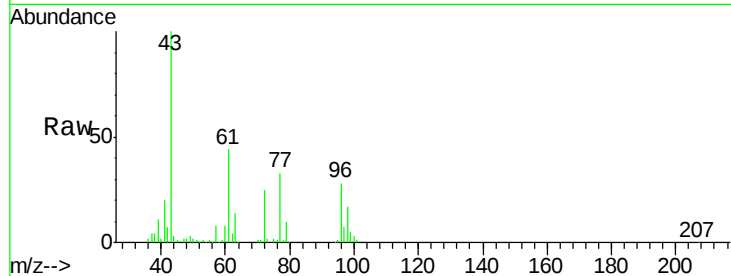
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	98760
Ion	Ratio	Lower	Upper
96	100		
61	155.0	0.0	332.2
98	63.0	0.0	129.4

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#28

Bromochloromethane

Concen: 48.182 ug/l

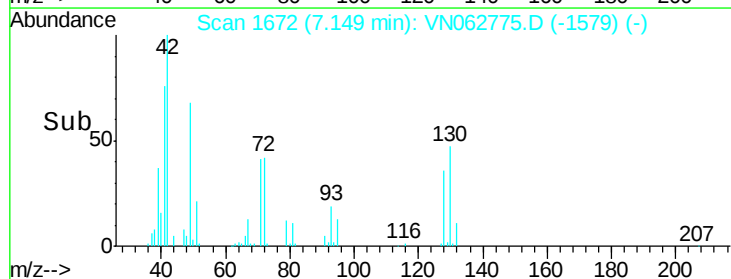
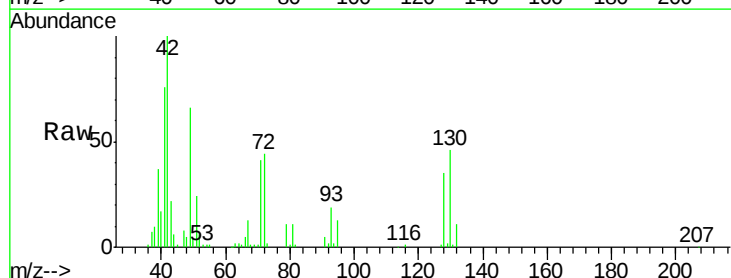
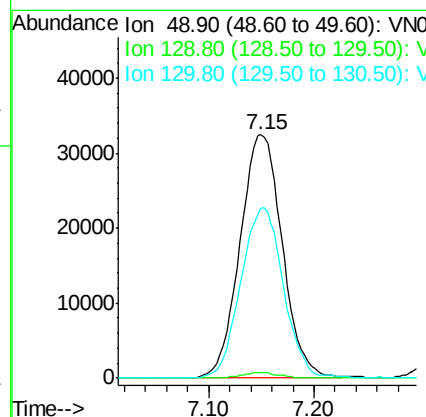
RT: 7.15 min Scan# 1672

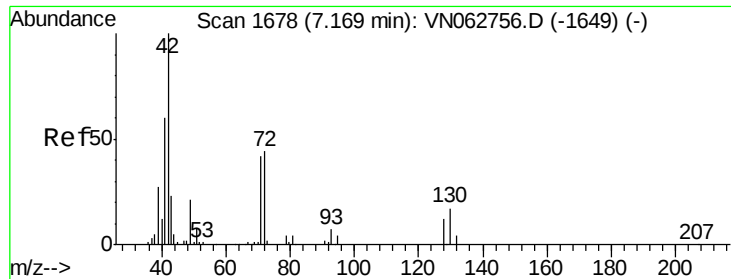
Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Tgt Ion:	49	Resp:	90276
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	70.6	59.0	88.6





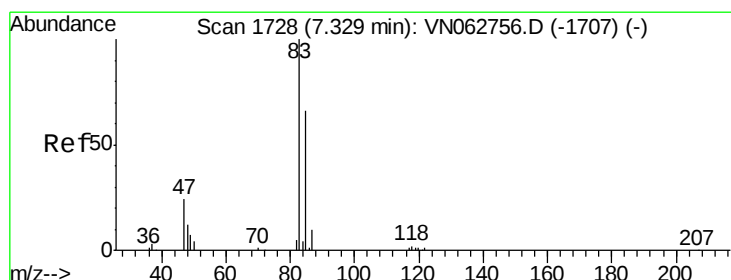
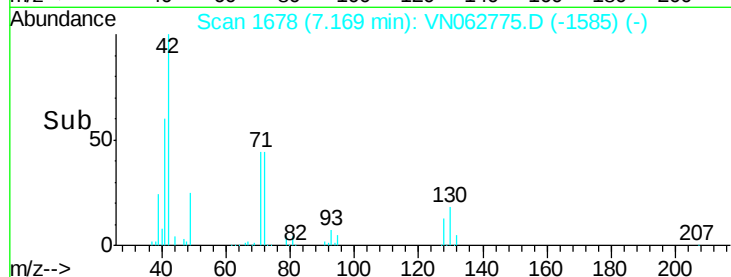
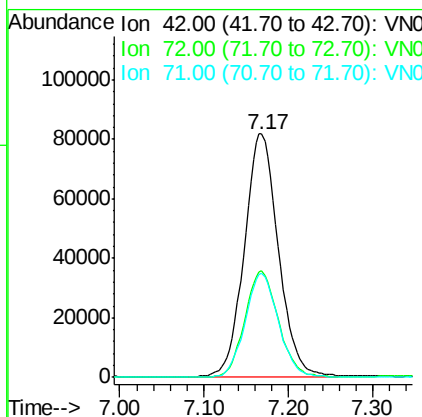
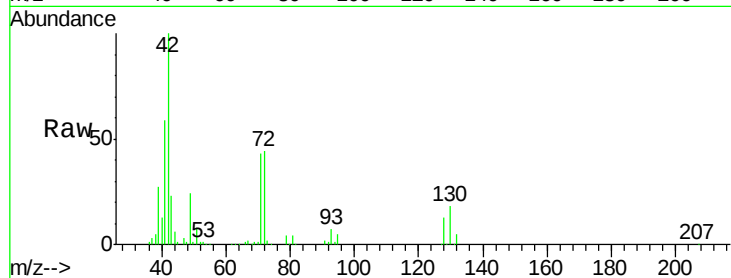
#29
Tetrahydrofuran
Concen: 236.251 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	35.0	52.4
71	41.4	33.2	49.8

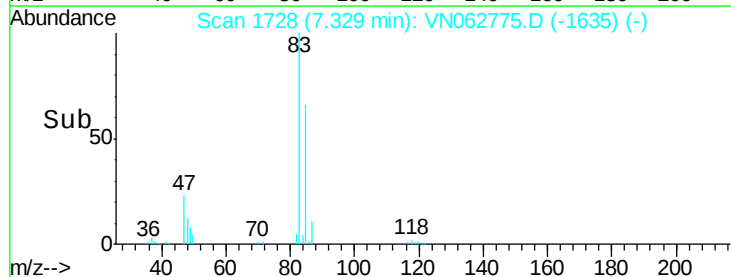
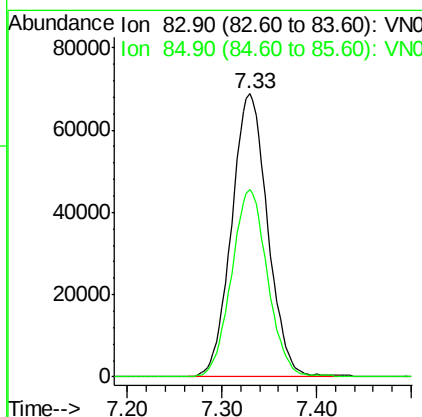
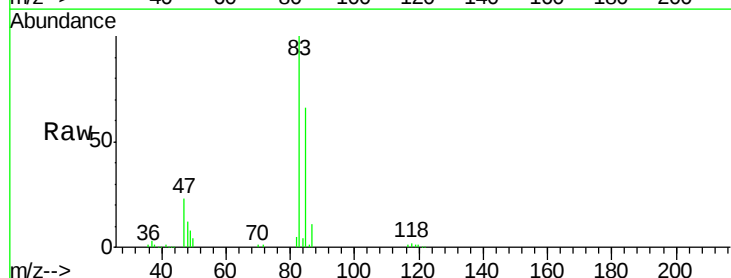
Manual Integrations
APPROVED

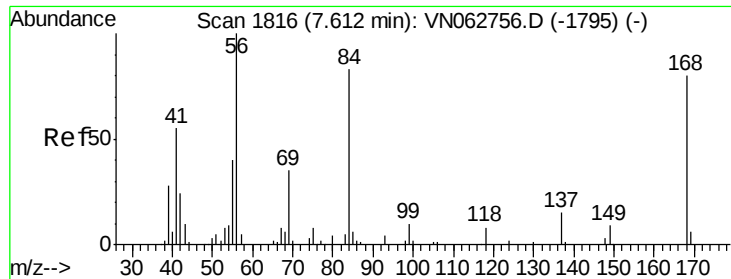
MMDadoda
8/7/2020 12:50:52 PM



#30
Chloroform
Concen: 44.161 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.7	79.1





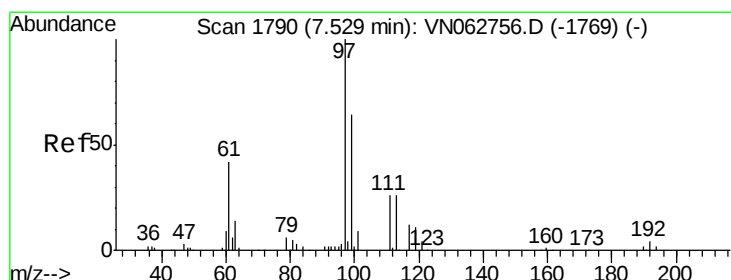
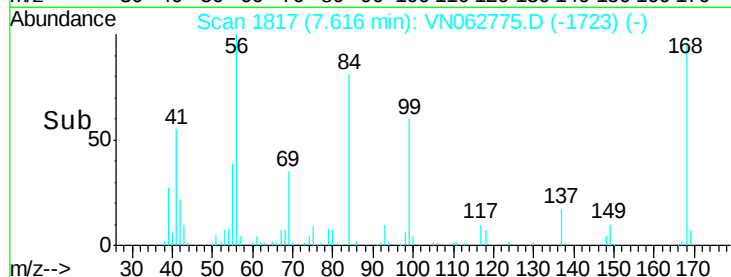
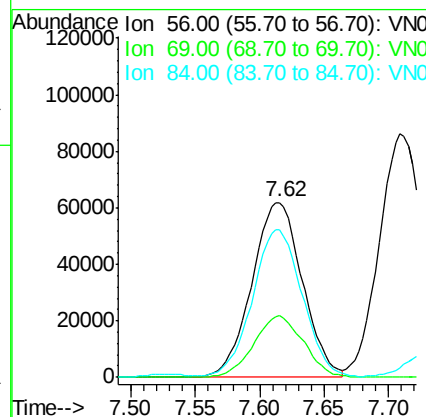
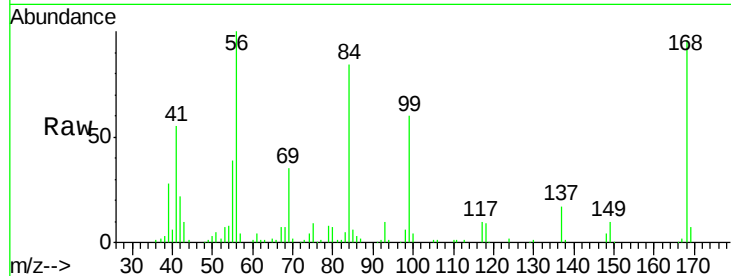
#31
Cyclohexane
Concen: 47.336 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.0	28.1	42.1
84	83.4	66.8	100.2

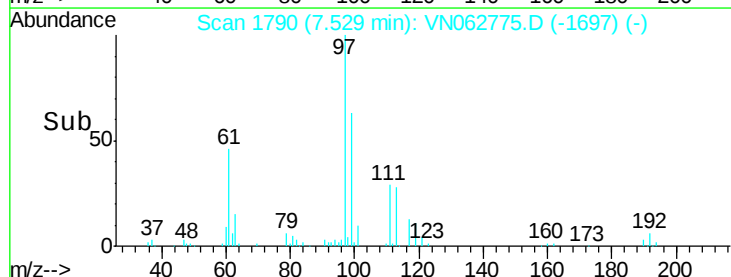
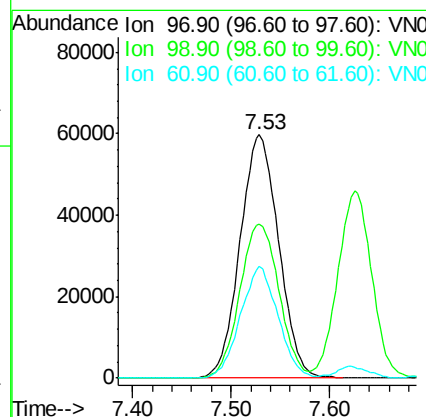
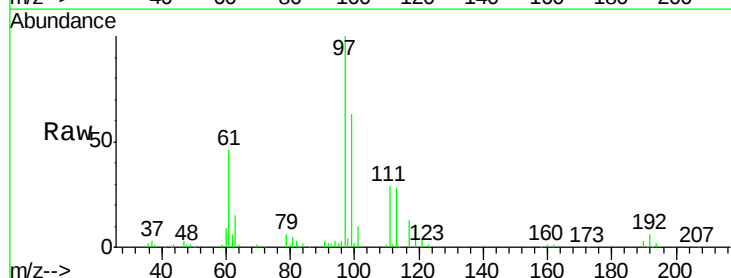
Manual Integrations
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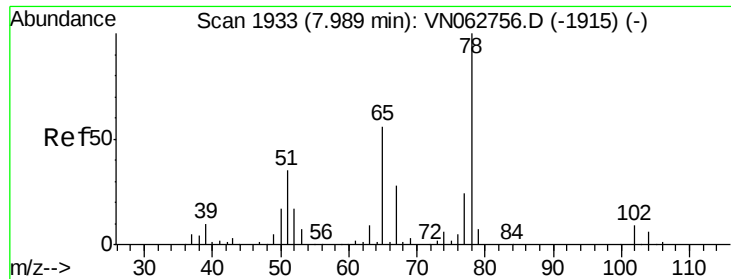
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#32
1,1,1-Trichloroethane
Concen: 44.061 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.0	75.0
61	44.7	34.8	52.2





#33

1,2-Dichloroethane-d4

Concen: 46.986 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Tot Ion: 65 Resp: 138109

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.4

Instrument :

MSVOA_N

ClientSampleId :

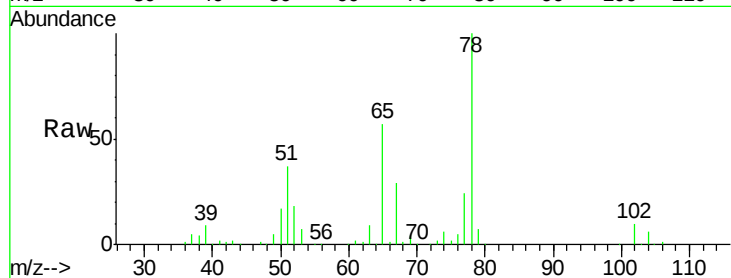
VSTDCCC050EC

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN062775.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062775.D (-1840) (-)

7.99

60000

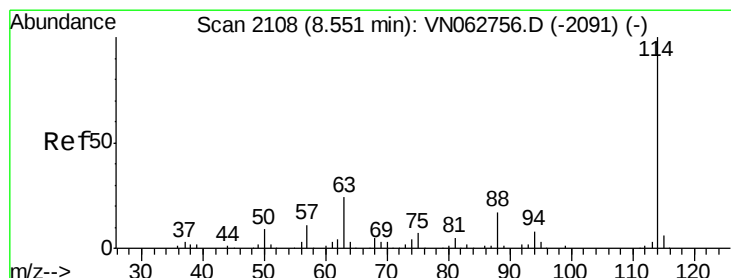
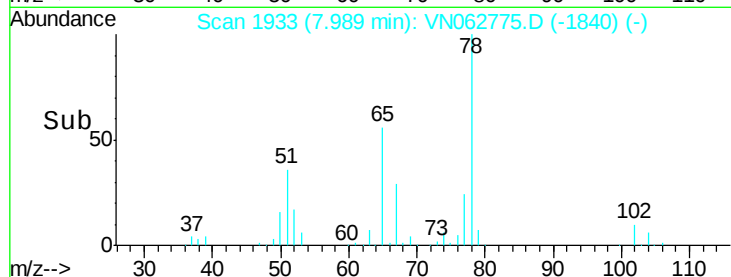
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

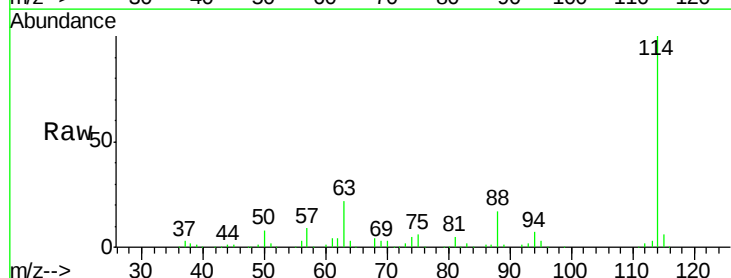
Tgt Ion: 114 Resp: 286398

Ion Ratio Lower Upper

114 100

63 21.8 0.0 47.6

88 16.7 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): VN062775.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062775.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062775.D (-2015) (-)

8.55

150000

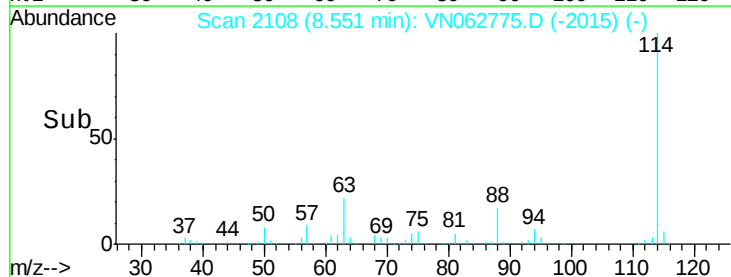
100000

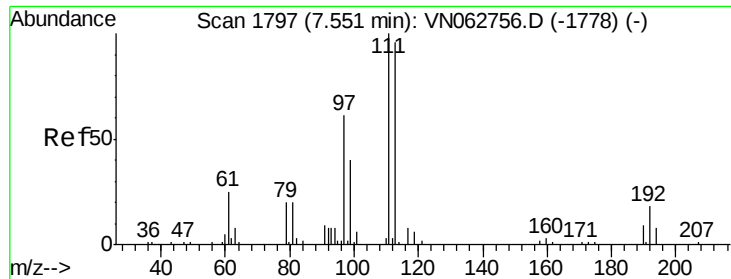
50000

0

8.45 8.50 8.55 8.60 8.65

Time-->





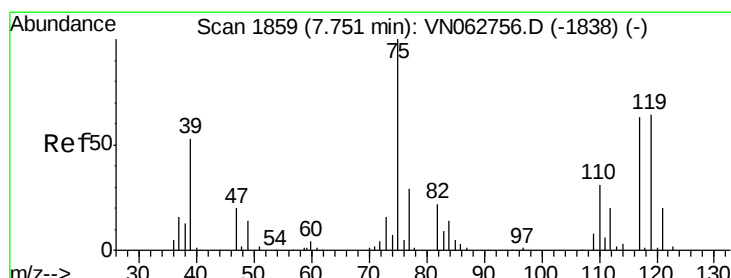
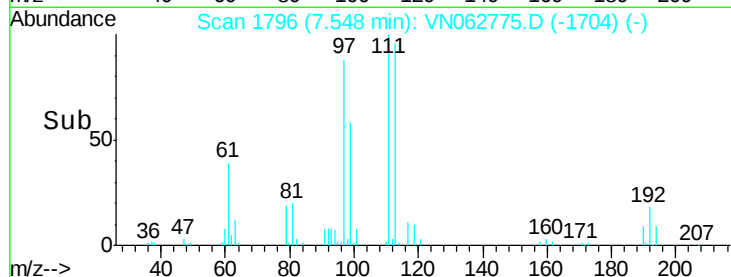
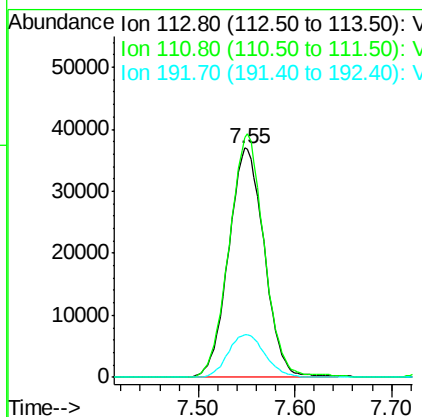
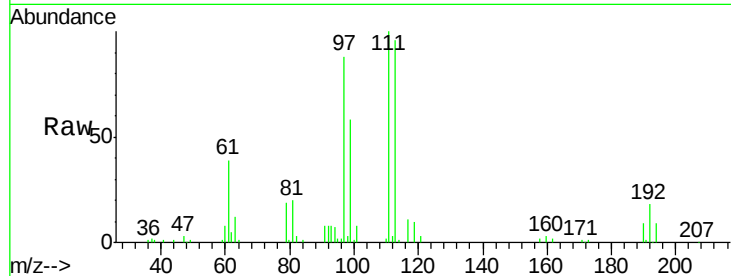
#35
 Dibromofluoromethane
 Concen: 48.389 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	19.1	15.0	22.4

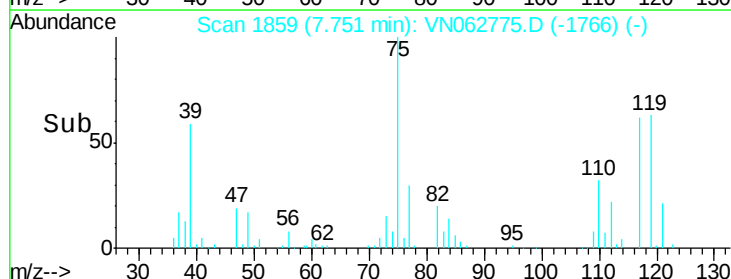
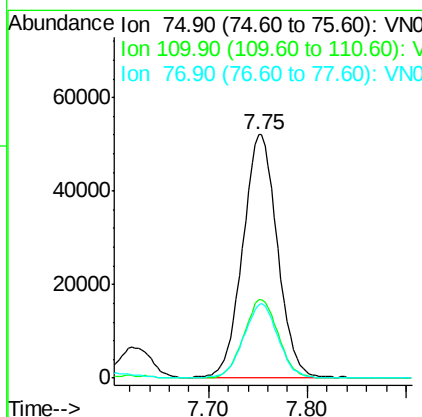
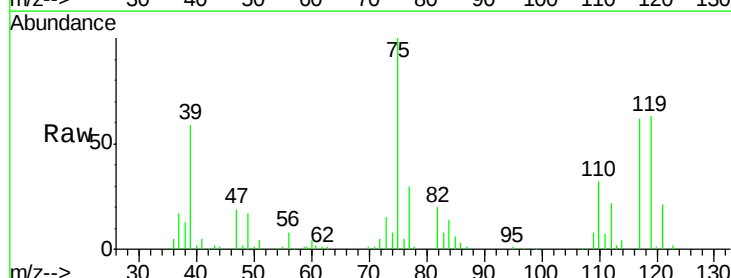
Manual Integrations
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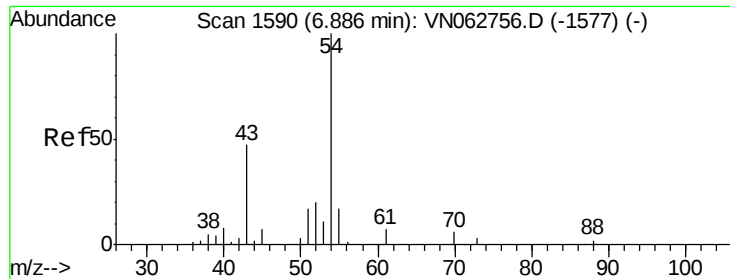
MMDadoda
 8/7/2020 12:50:52 PM



#36
 1,1-Dichloropropene
 Concen: 45.413 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.1	15.6	46.7
77	30.3	24.1	36.1





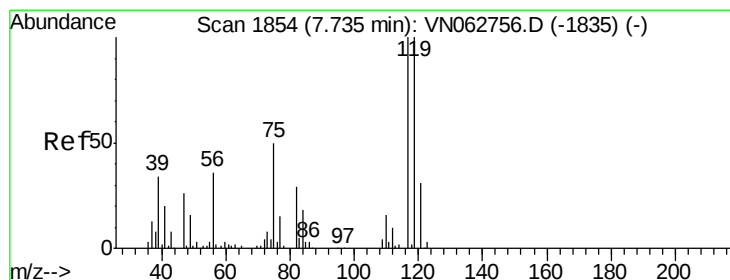
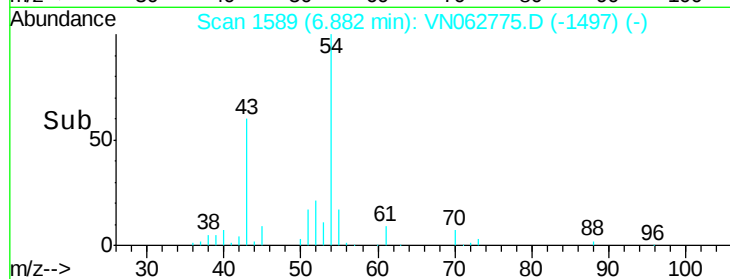
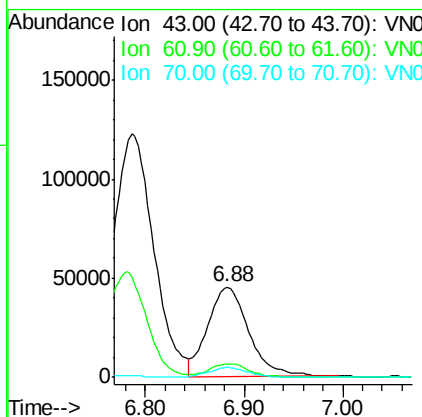
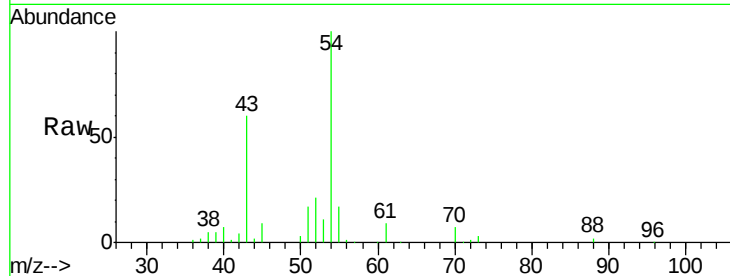
#37
Ethyl Acetate
Concen: 45.056 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.1	18.1
70	10.6	8.3	12.5

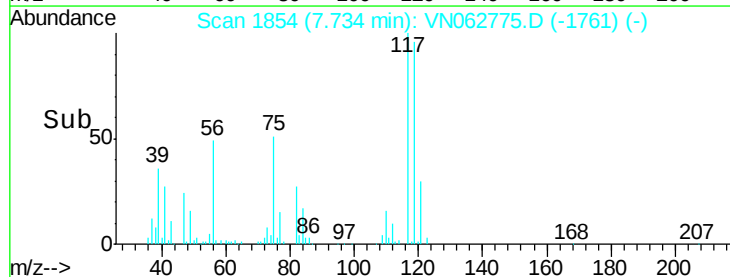
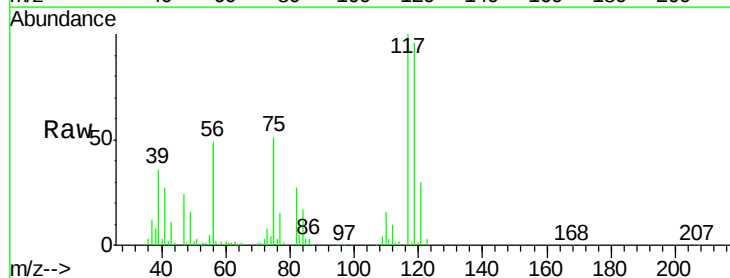
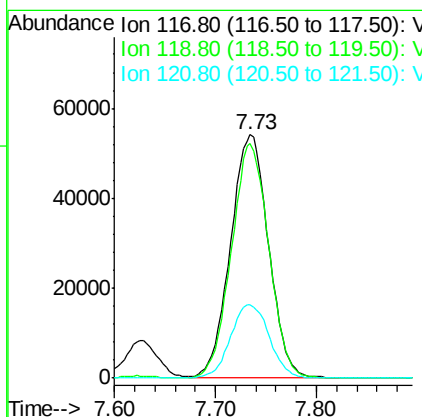
Manual Integrations
APPROVED

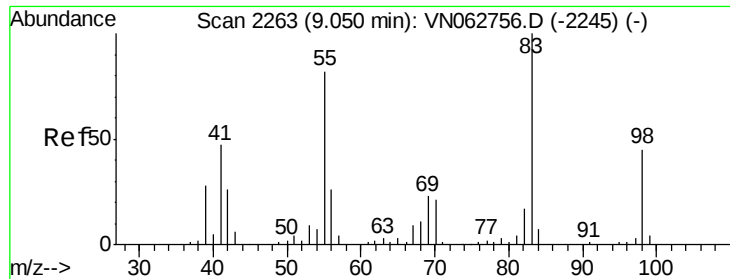
MMDadoda
8/7/2020 12:50:52 PM



#38
Carbon Tetrachloride
Concen: 43.026 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	79.4	119.2
121	30.2	24.9	37.3





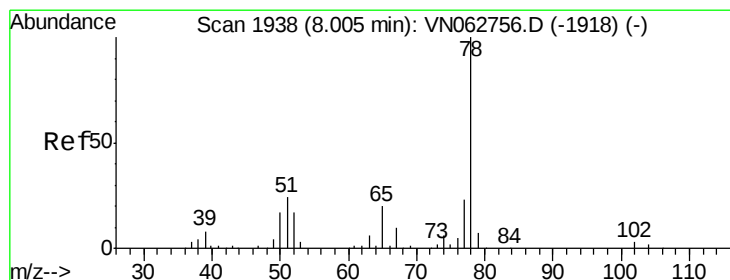
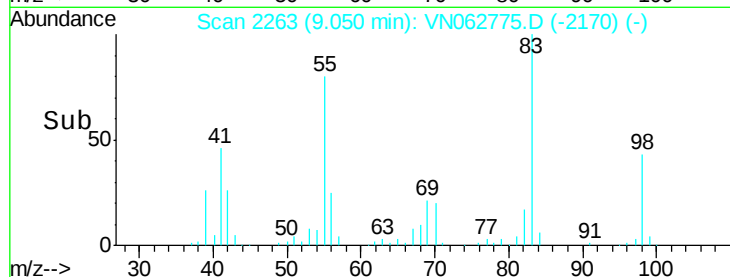
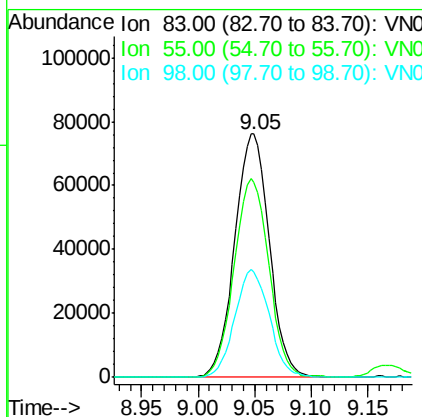
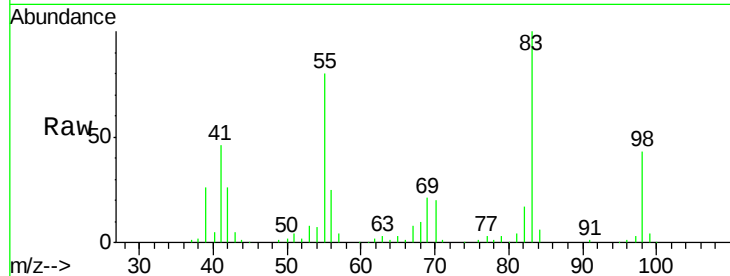
#39
Methvlcvclohexane
Concen: 48.313 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	65.7	98.5
98	43.2	35.6	53.4

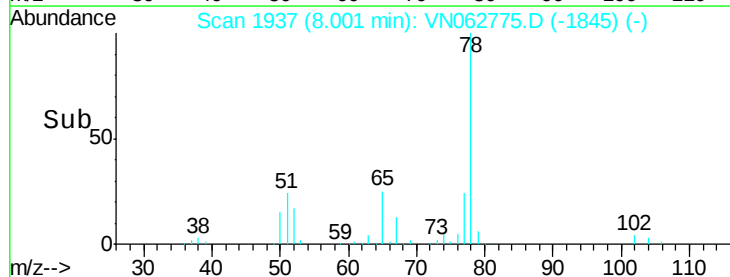
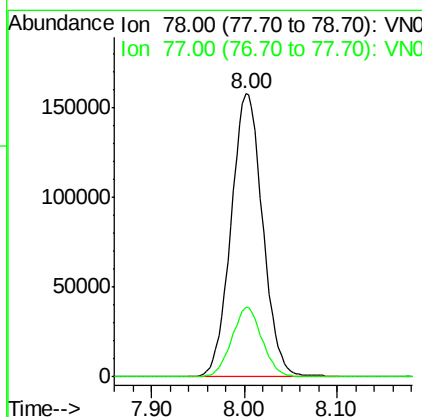
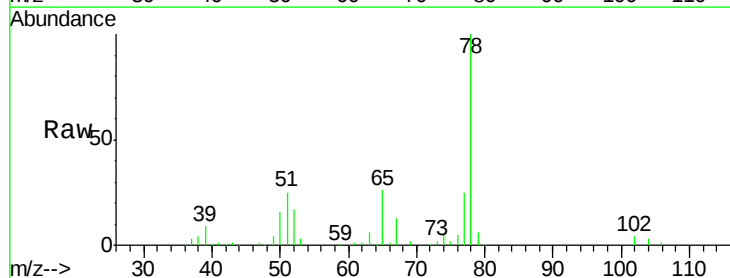
Manual Integrations
APPROVED

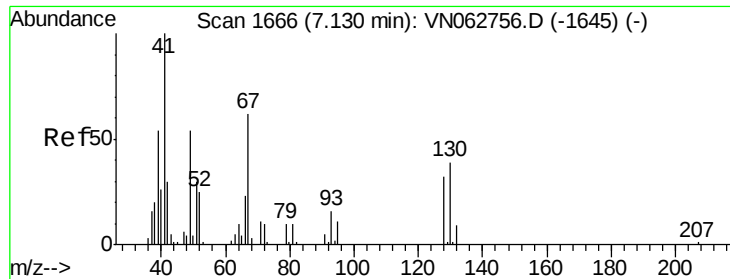
MMDadoda
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#40
Benzene
Concen: 44.829 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.1	27.1





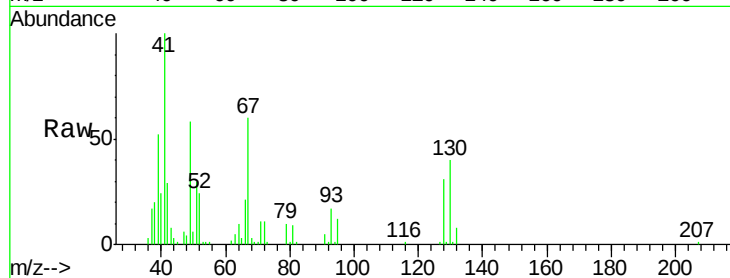
#41
Methacrylonitrile
Concen: 51.971 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

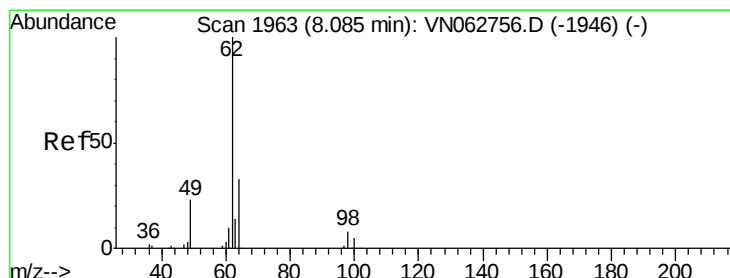
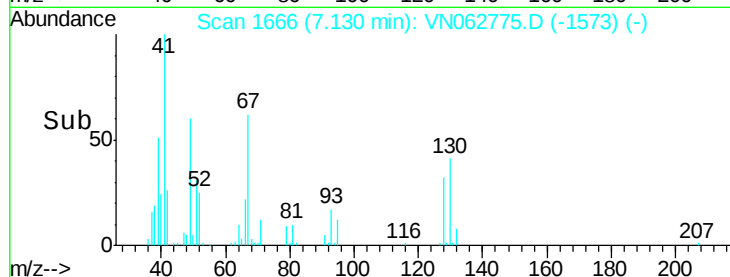
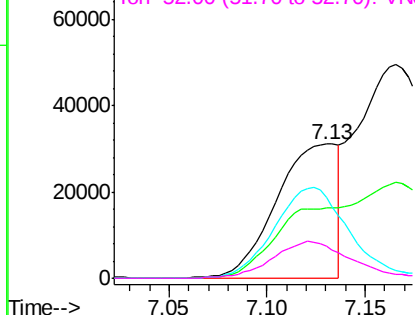
Tot Ion	41	Resp	68316
Ion	Ratio	Lower	Upper
41	100		
39	150.2	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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8/7/2020 12:50:52 PM

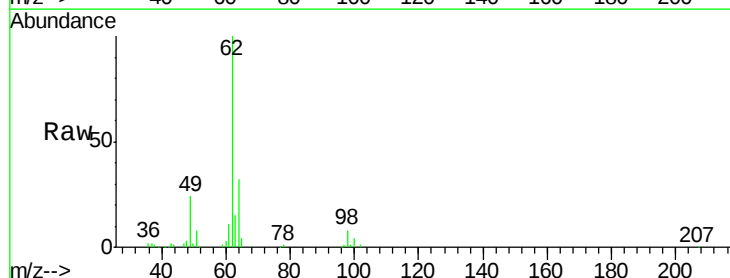


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

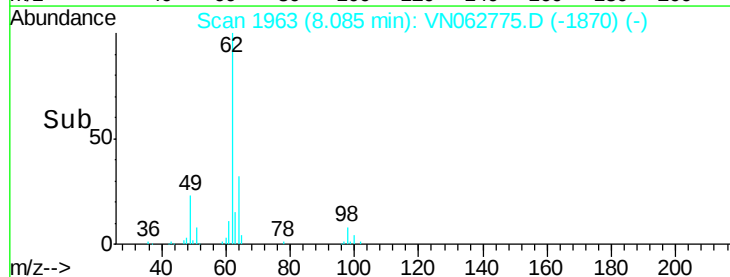
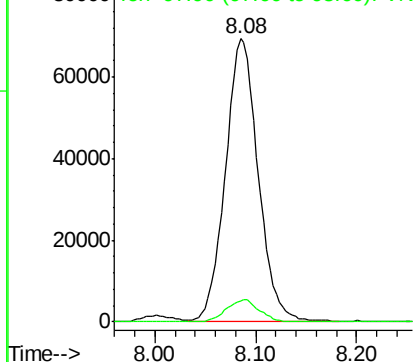


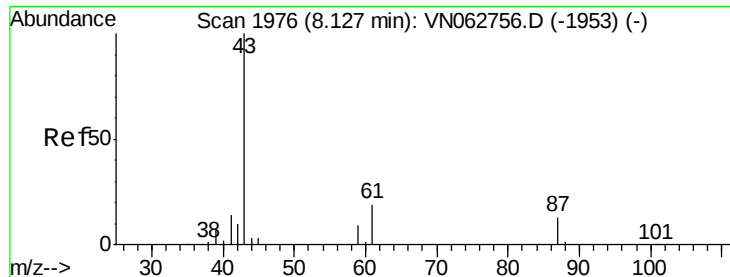
#42
1,2-Dichloroethane
Concen: 44.118 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	62	Resp	156256
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 45.507 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

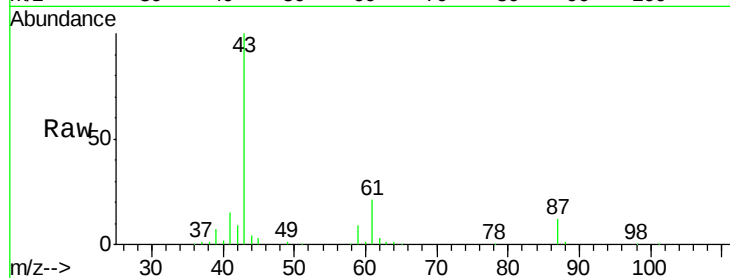
ClientSampleId :

VSTDCCC050EC

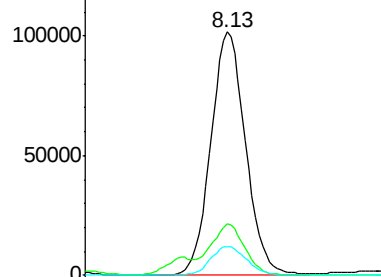
Tot Ion:	43	Resp:	221115
Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.8	23.6
87	12.3	9.9	14.9

Manual Integrations
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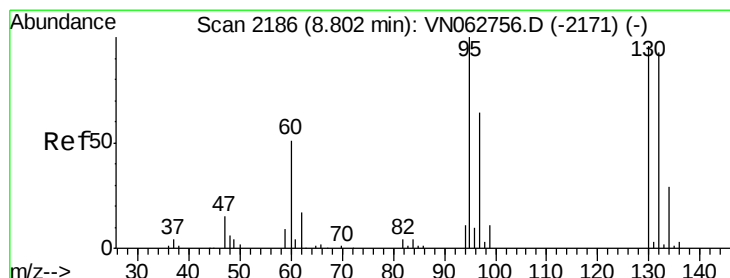
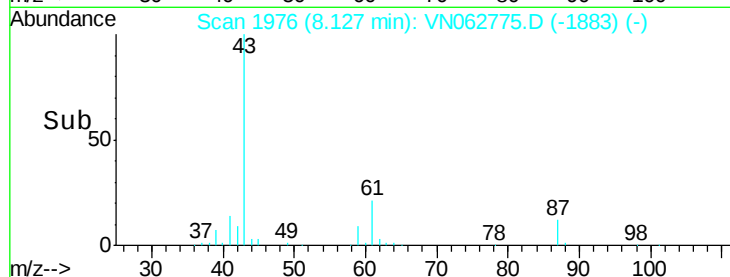
MMDadoda
8/7/2020 12:50:52 PM



Abundance Ion 43.00 (42.70 to 43.70): VN062775.D (-1883) (-)



Time-->



#44

Trichloroethene

Concen: 45.173 ug/l

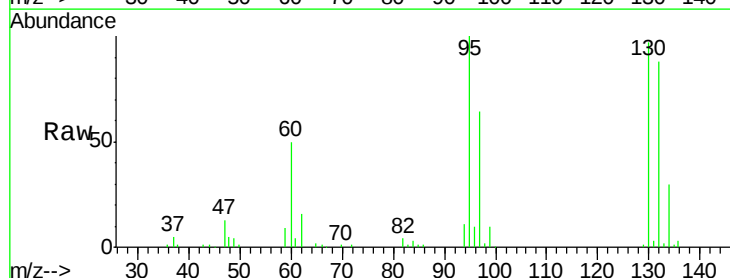
RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

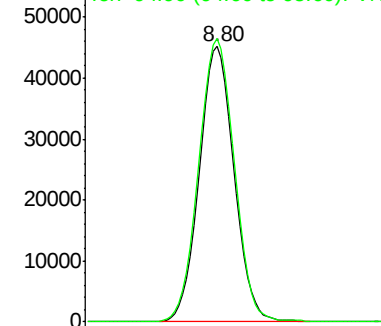
Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

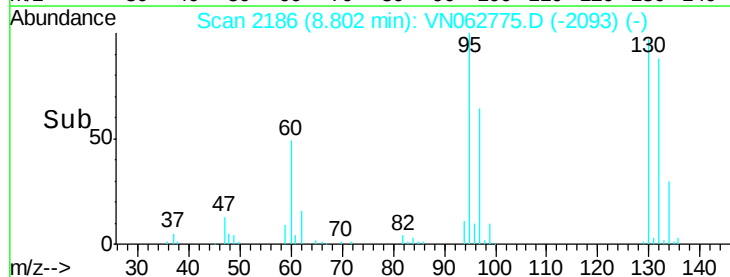
Tgt Ion:	130	Resp:	91583
Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	207.6

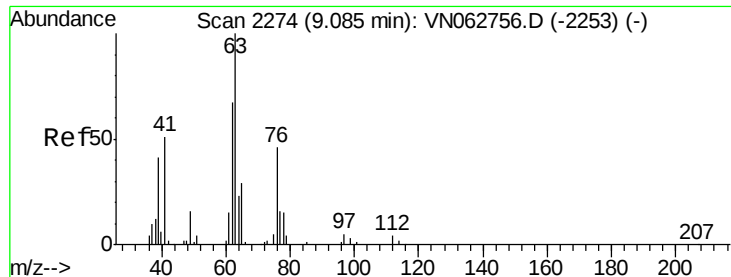


Abundance Ion 129.80 (129.50 to 130.50): VN062775.D (-2093) (-)



Time-->





#45

1,2-Dichloropropane

Concen: 46.592 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 104936

Ion Ratio Lower Upper

63 100

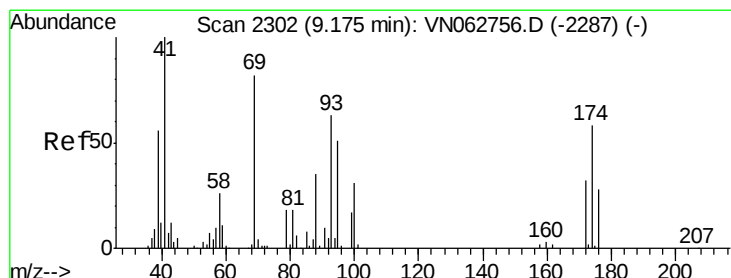
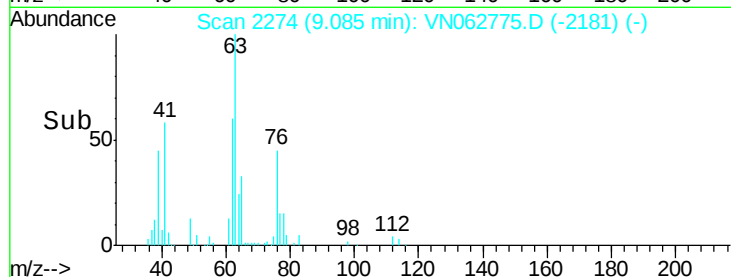
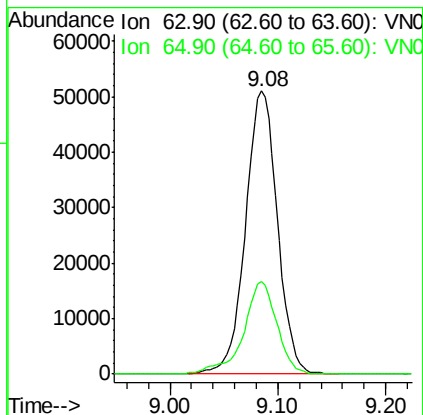
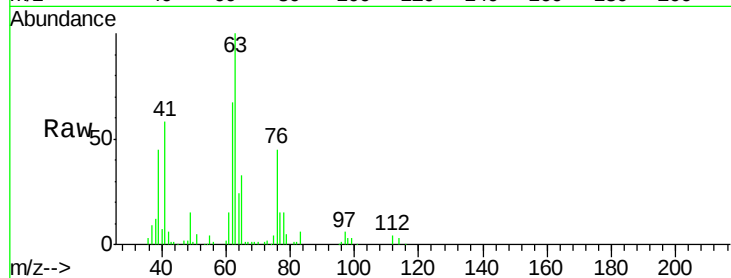
65 32.9 23.5 35.3

Manual Integrations

APPROVED

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8/7/2020 12:50:52 PM



#46

Dibromomethane

Concen: 46.962 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

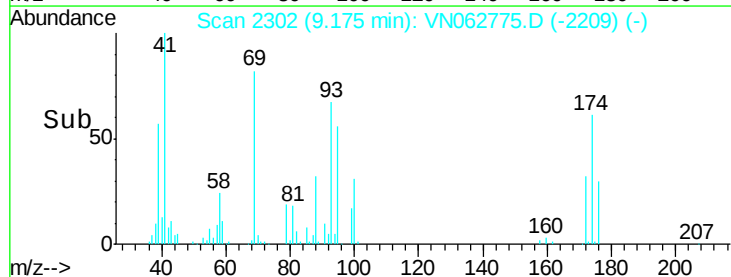
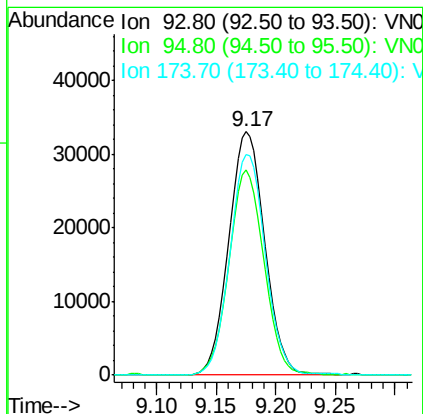
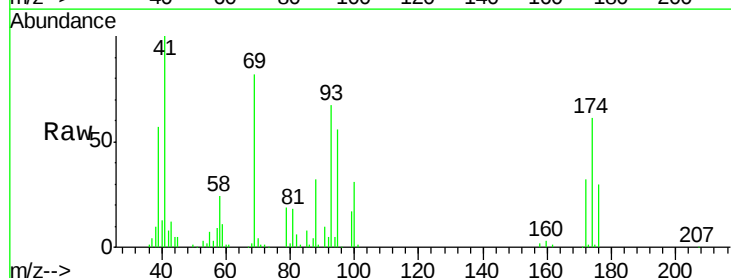
Tgt Ion: 93 Resp: 69301

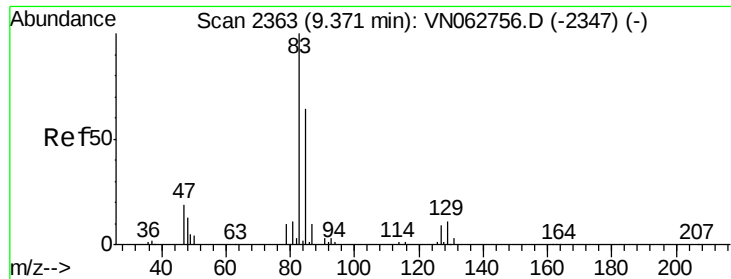
Ion Ratio Lower Upper

93 100

95 82.0 65.1 97.7

174 89.4 73.9 110.9





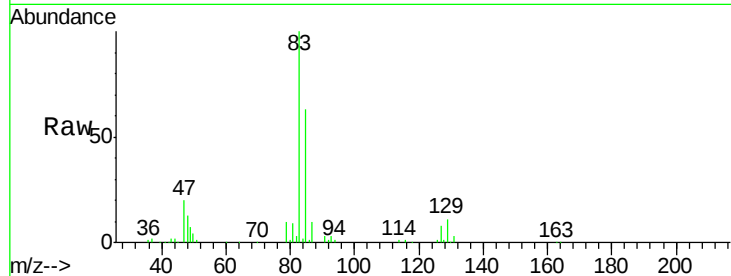
#47
Bromodichloromethane
Concen: 46.190 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	153087		
85	63.3		51.4	77.0
127	8.3		6.9	10.3

Manual Integrations
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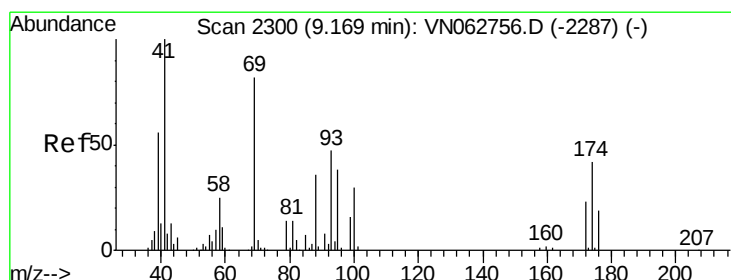
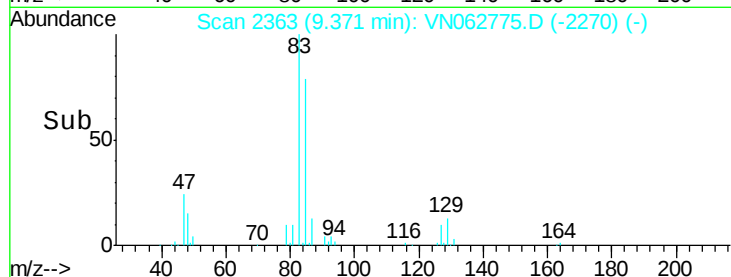
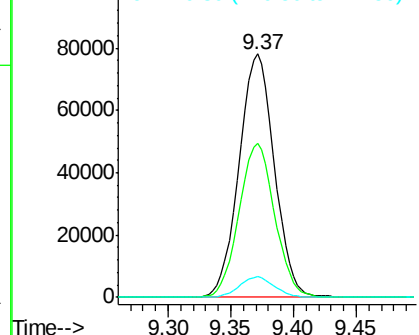
MMDadoda
8/7/2020 12:50:52 PM



Abundance Ion 82.90 (82.60 to 83.60): VN062775.D (-2270) (-)

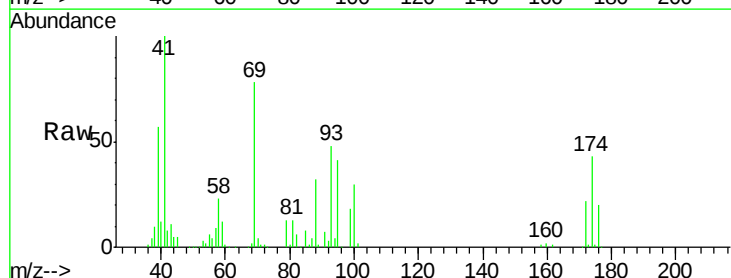
Ion 84.90 (84.60 to 85.60): VN062775.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062775.D (-2270) (-)



#48
Methyl methacrylate
Concen: 46.213 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

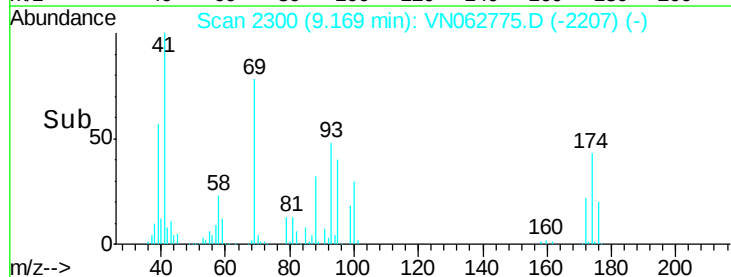
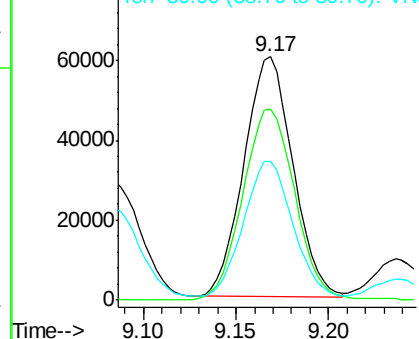
Tgt Ion	Ratio	Resp	Lower	Upper
41	100	110445		
69	84.9		67.4	101.2
39	59.8		47.6	71.4

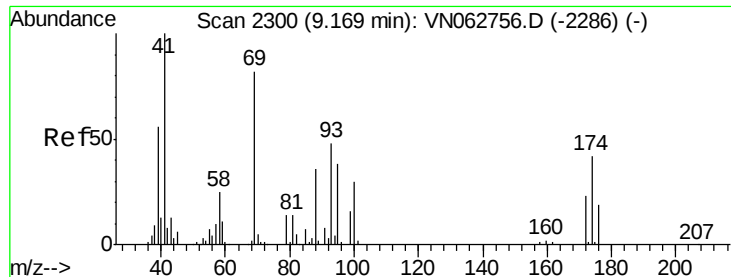


Abundance Ion 41.00 (40.70 to 41.70): VN062775.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062775.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062775.D (-2207) (-)





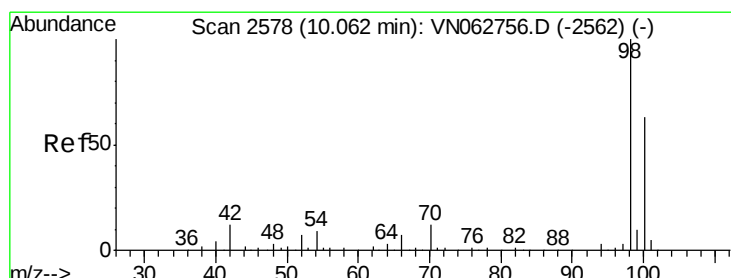
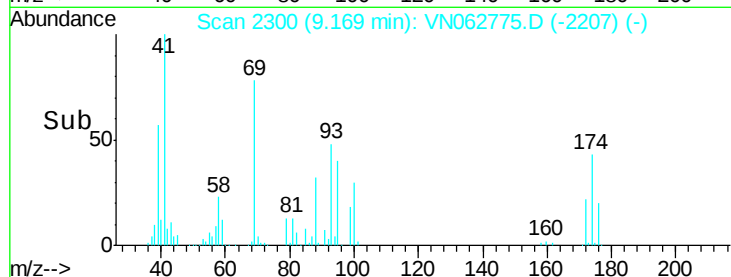
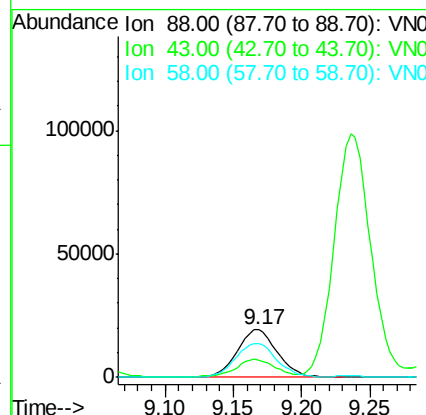
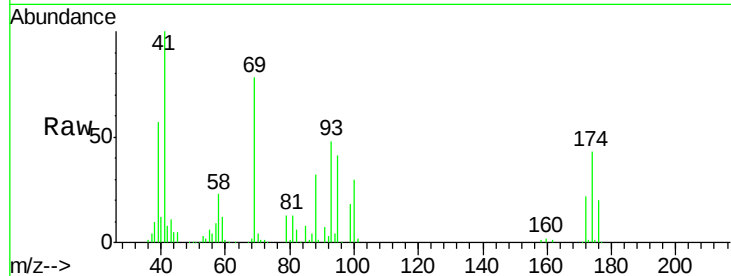
#49
1,4-Dioxane
Concen: 887.481 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	29.5	44.3
58	73.4	59.8	89.8

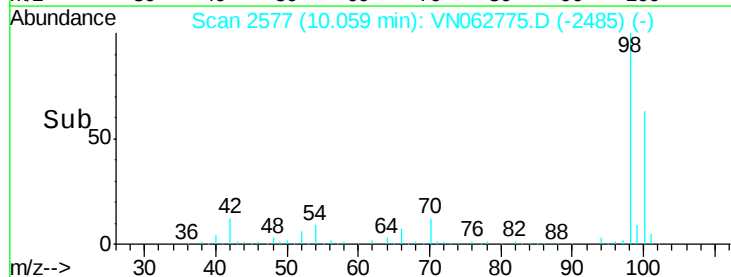
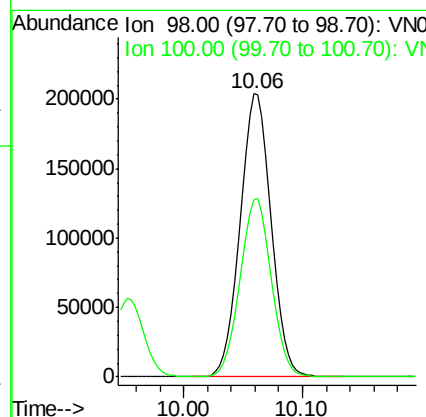
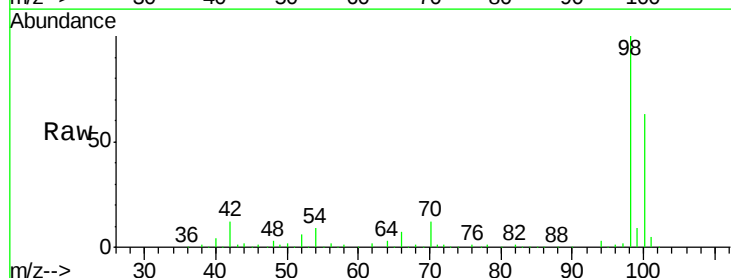
Manual Integrations
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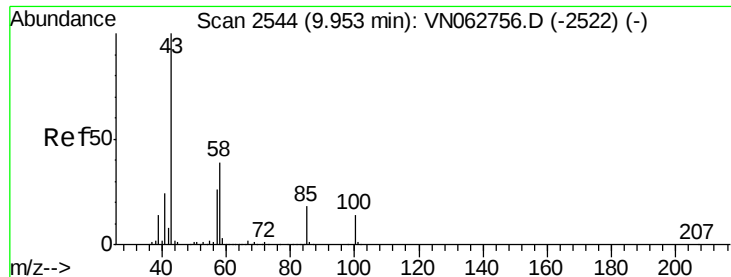
MMDadoda
8/7/2020 12:50:52 PM



#50
Toluene-d8
Concen: 48.167 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 236.021 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 741997

Ion Ratio Lower Upper

43 100

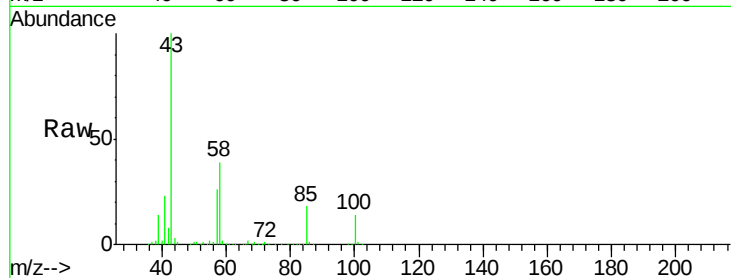
58 38.6 31.1 46.7

Manual Integrations

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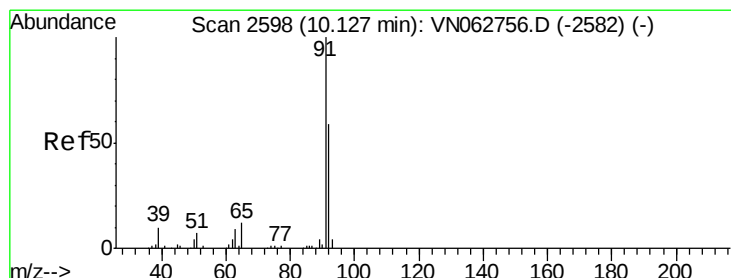
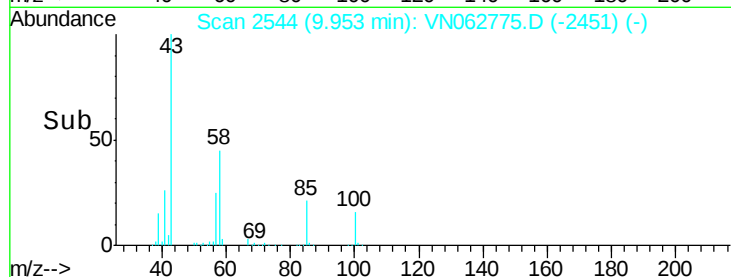
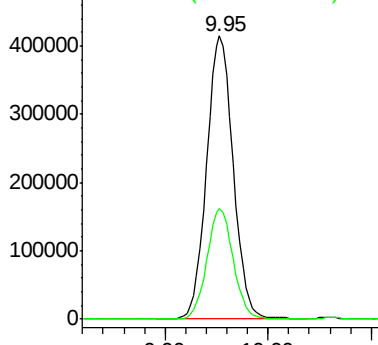
MMDadoda

8/7/2020 12:50:52 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 46.261 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062775.D

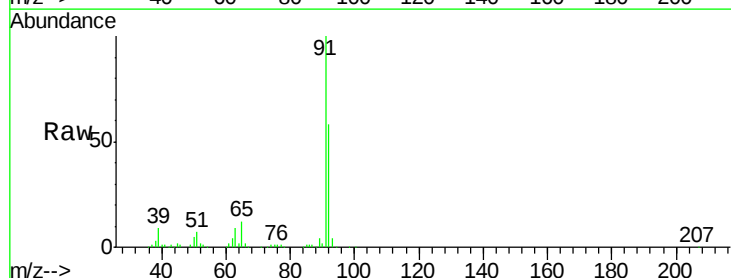
Acq: 6 Aug 2020 18:44

Tgt Ion: 92 Resp: 237686

Ion Ratio Lower Upper

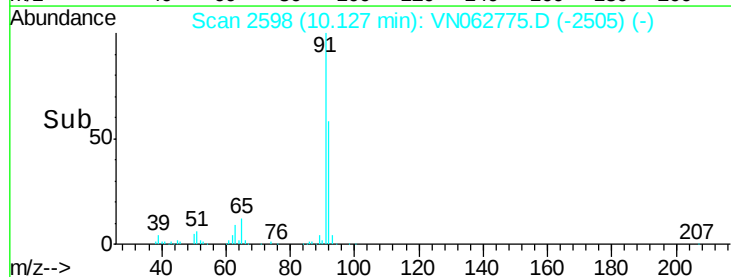
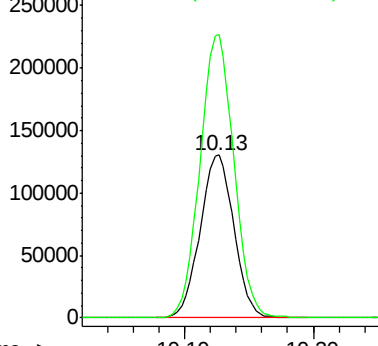
92 100

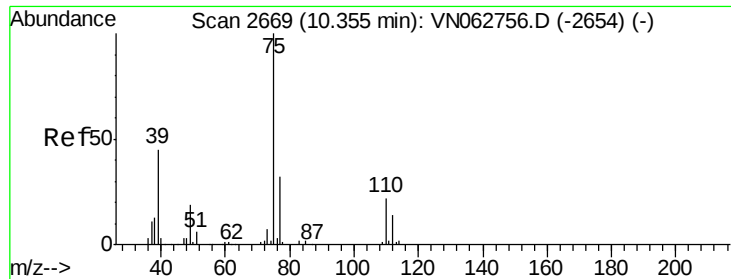
91 174.3 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





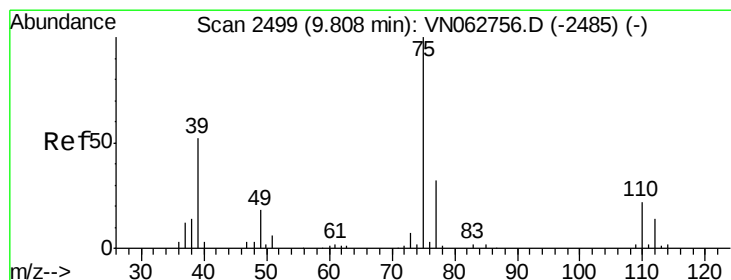
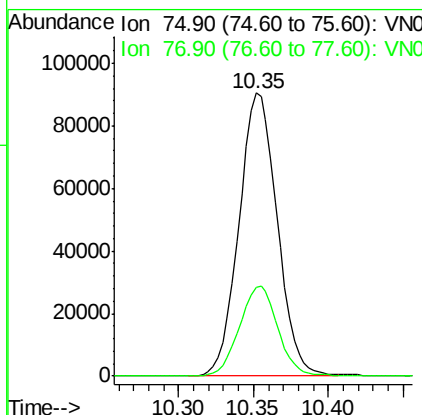
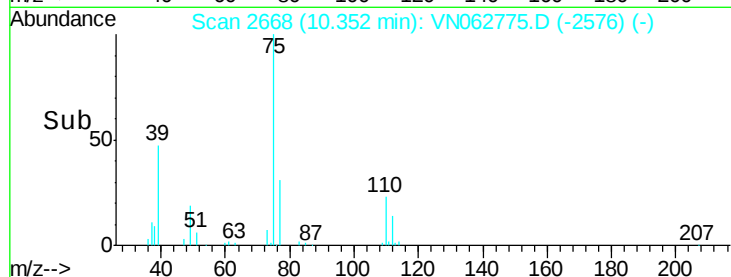
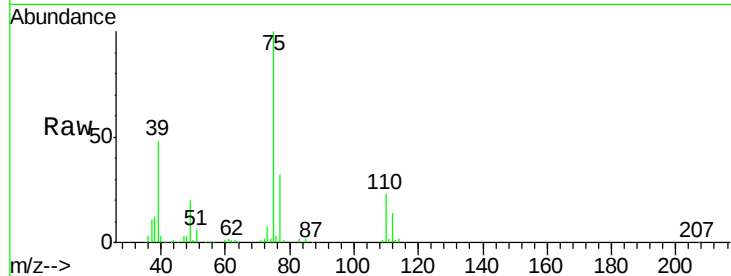
#53
 t-1,3-Dichloropropene
 Concen: 44.201 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 161140
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2

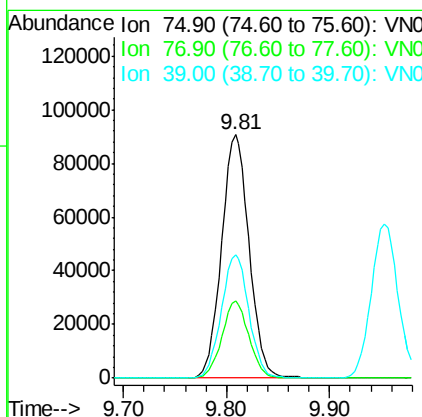
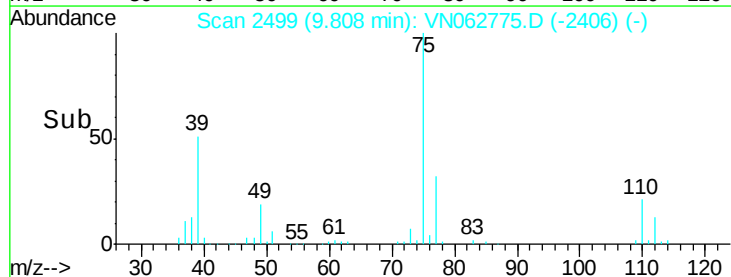
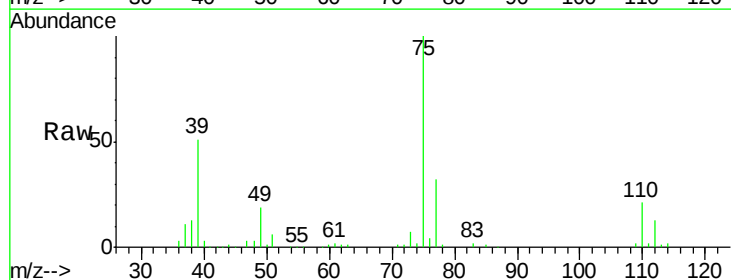
Manual Integrations
 APPROVED

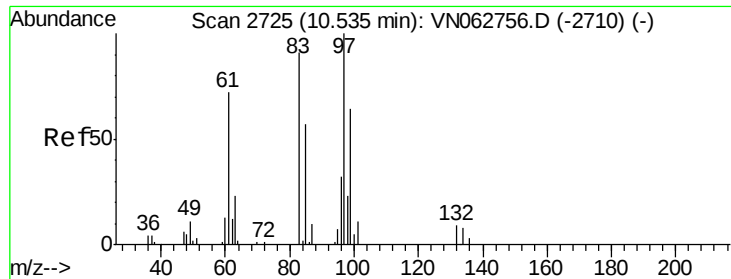
MMDadoda
 8/7/2020 12:50:52 PM



#54
 cis-1,3-Dichloropropene
 Concen: 46.042 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Tgt Ion: 75 Resp: 168528
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 50.8 41.9 62.9





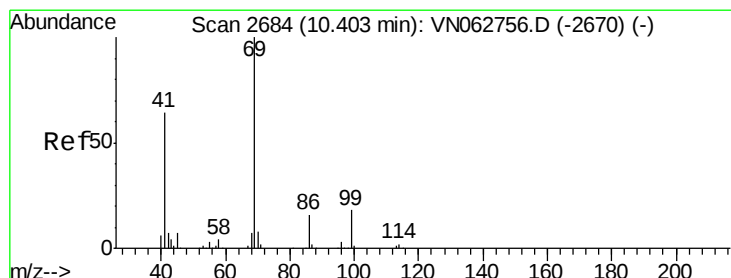
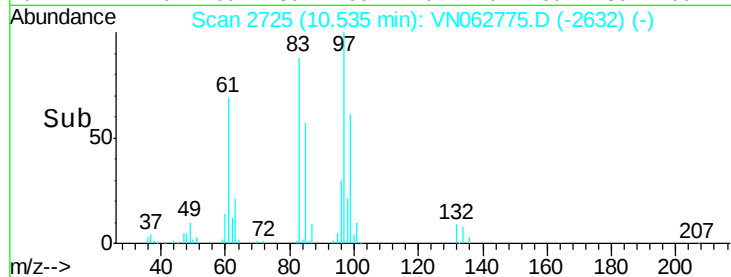
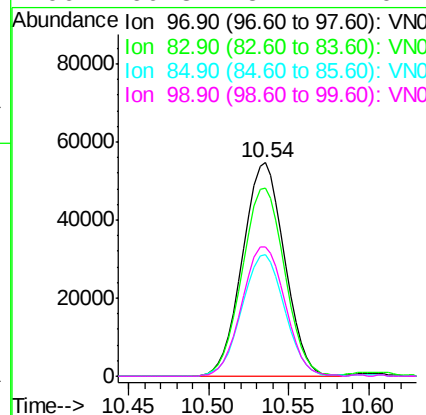
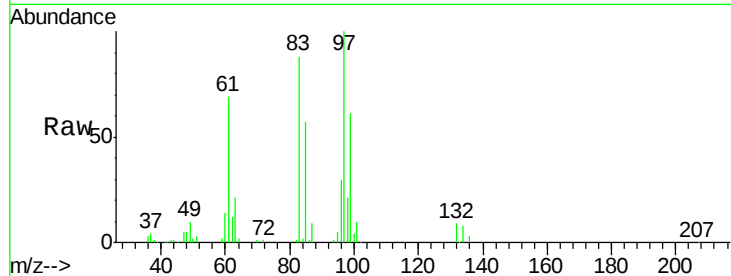
#55
 1,1,2-Trichloroethane
 Concen: 44.734 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.3	72.6	108.8
85	57.1	46.0	69.0
99	60.8	51.1	76.7

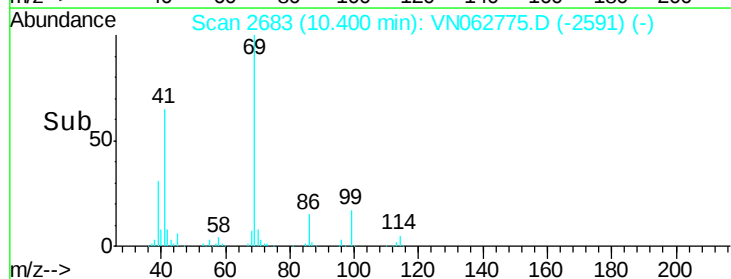
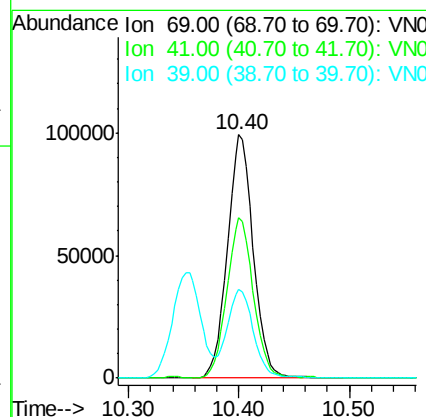
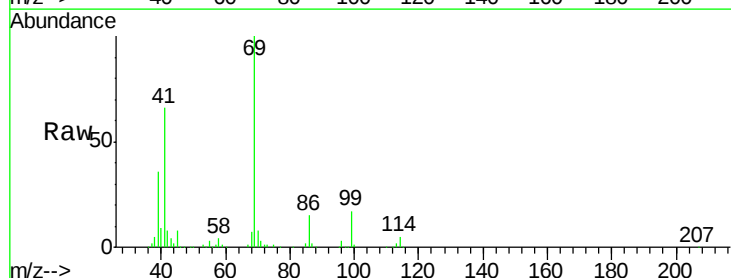
Manual Integrations
 APPROVED

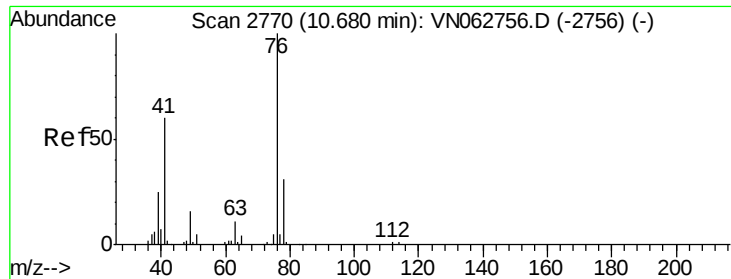
MMDadoda
 8/7/2020 12:50:52 PM



#56
 Ethyl methacrylate
 Concen: 48.863 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.4	52.2	78.2
39	36.4	30.9	46.3





#57

1,3-Dichloropropane

Concen: 46.697 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 174111

Ion Ratio Lower Upper

76 100

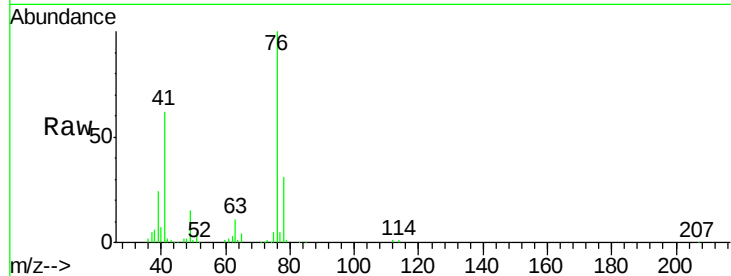
78 31.5 25.4 38.0

Manual Integrations

APPROVED

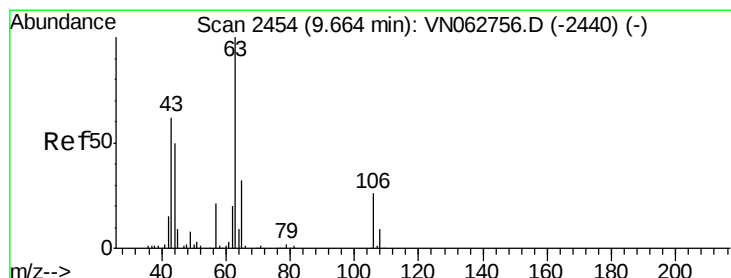
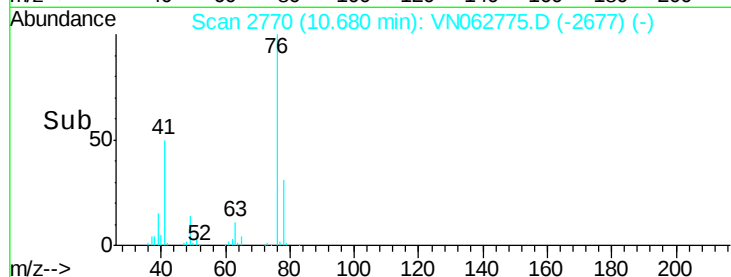
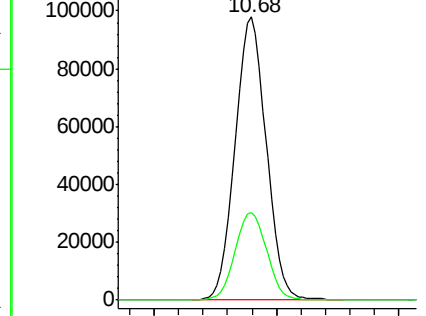
MMDadoda

8/7/2020 12:50:52 PM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 230.263 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062775.D

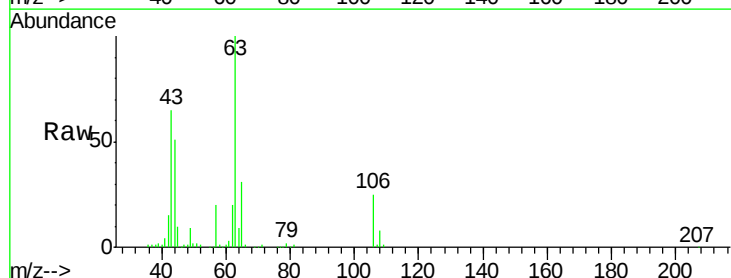
Acq: 6 Aug 2020 18:44

Tgt Ion: 63 Resp: 214979

Ion Ratio Lower Upper

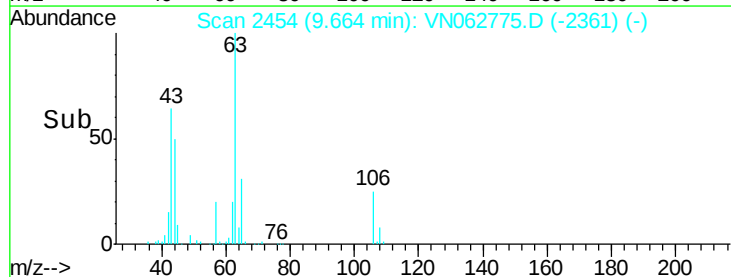
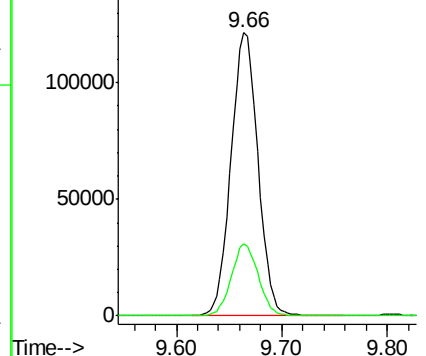
63 100

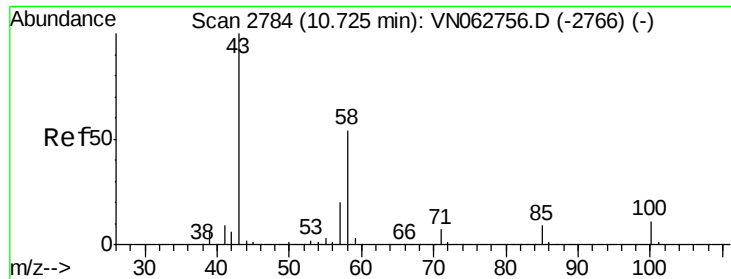
106 25.3 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





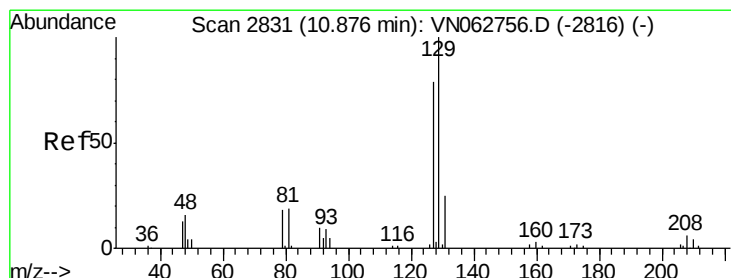
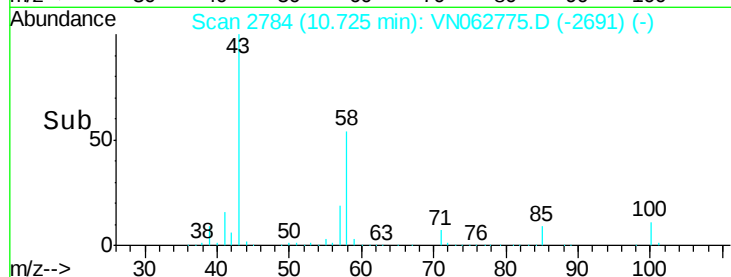
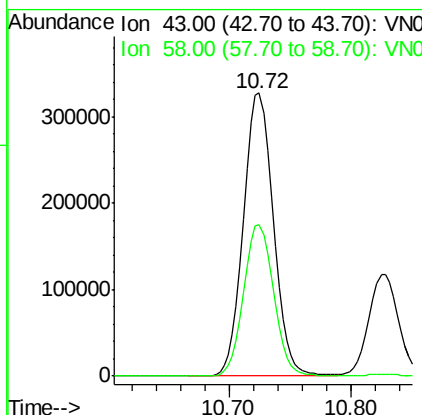
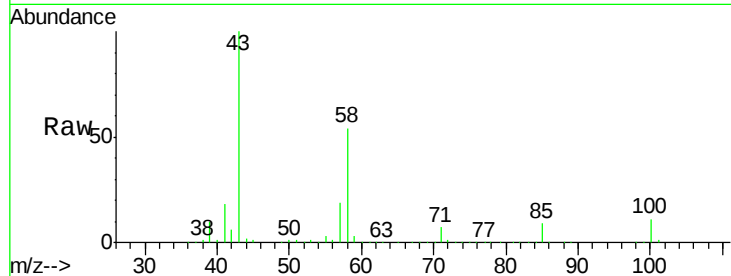
#59
2-Hexanone
Concen: 235.927 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 553265
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.1

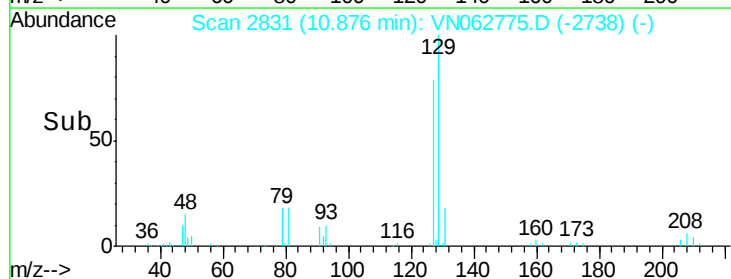
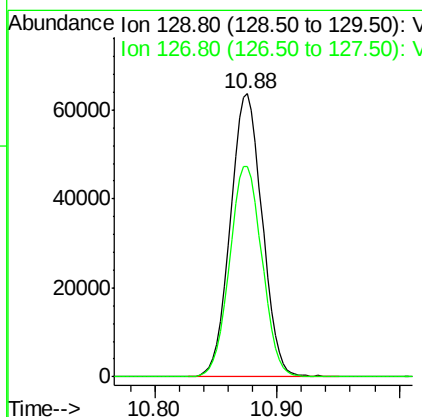
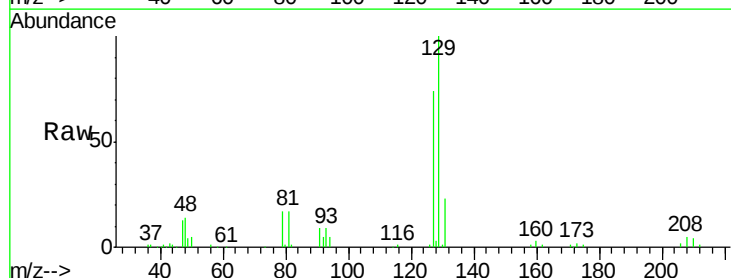
Manual Integrations
APPROVED

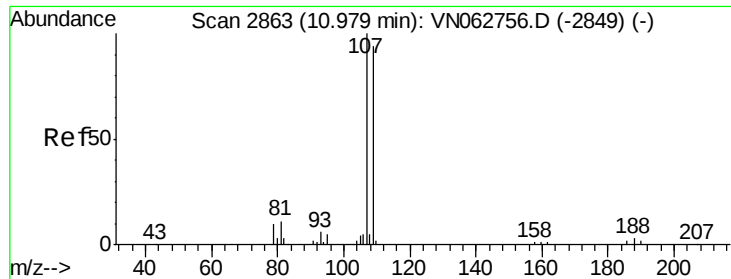
MMDadoda
8/7/2020 12:50:52 PM



#60
Dibromochloromethane
Concen: 46.185 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion:129 Resp: 115653
Ion Ratio Lower Upper
129 100
127 75.7 39.1 117.2





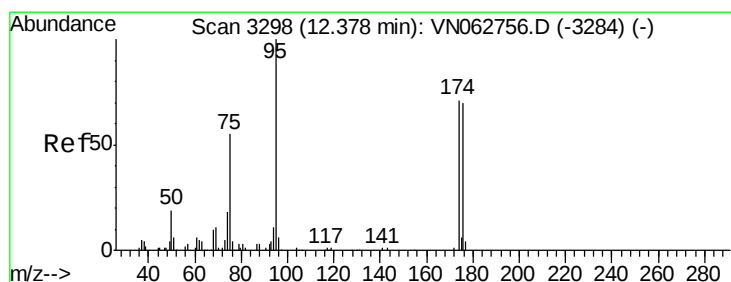
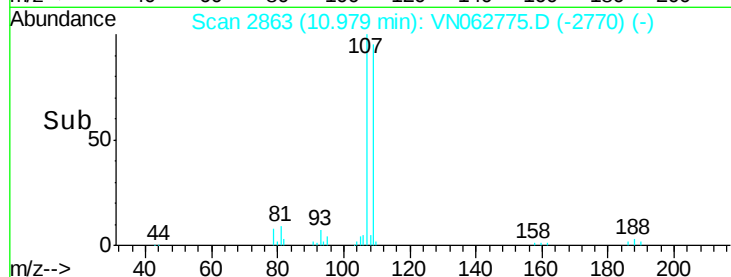
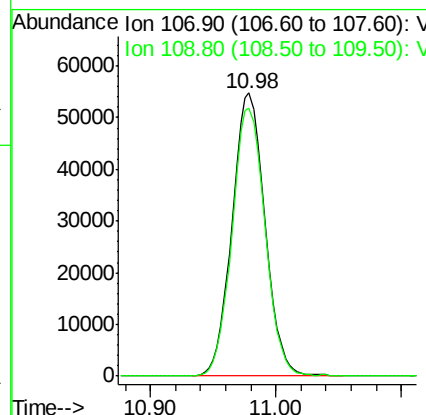
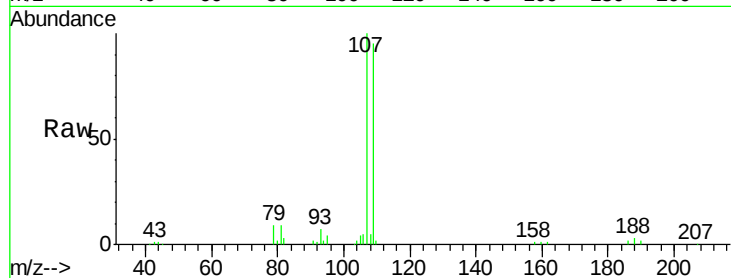
#61
 1,2-Dibromoethane
 Concen: 45.986 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.1	114.1

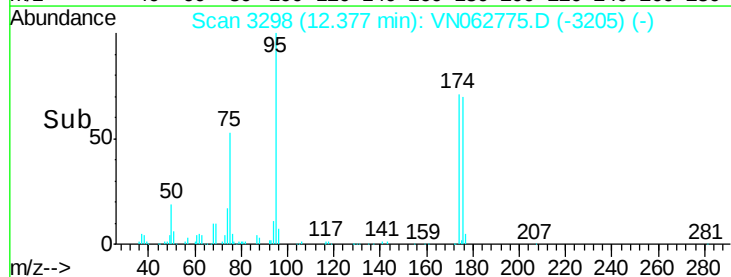
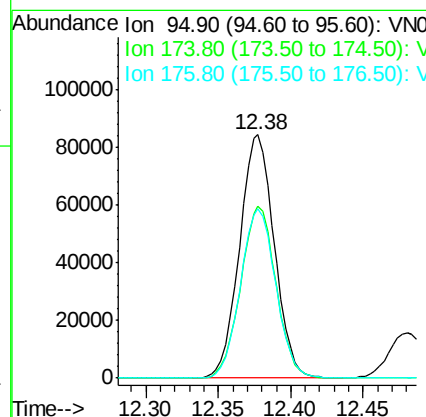
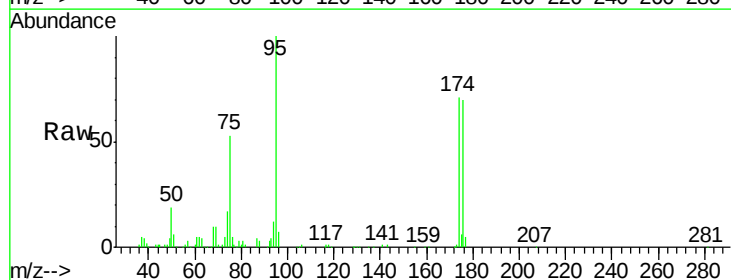
Manual Integrations
 APPROVED

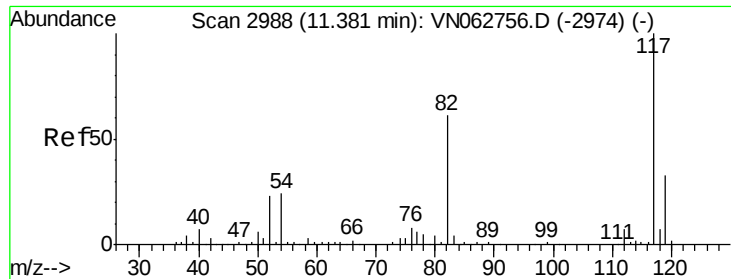
MMDadoda
 8/7/2020 12:50:52 PM



#62
 4-Bromofluorobenzene
 Concen: 48.416 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	144.8
176	70.9	0.0	142.2





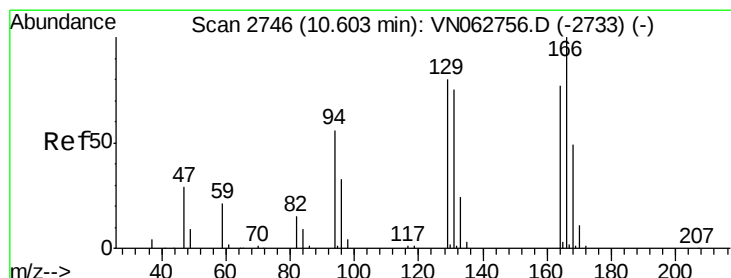
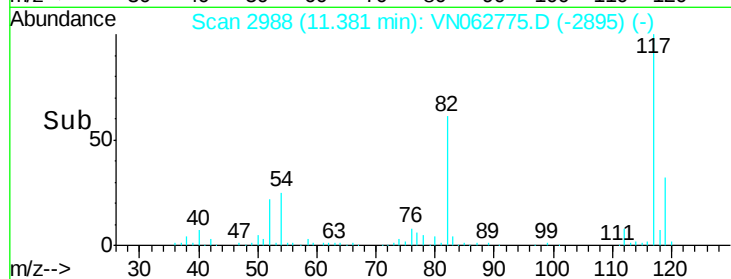
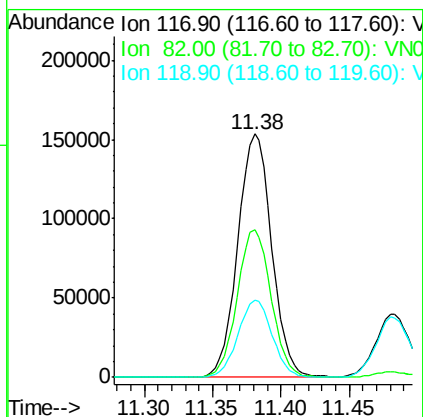
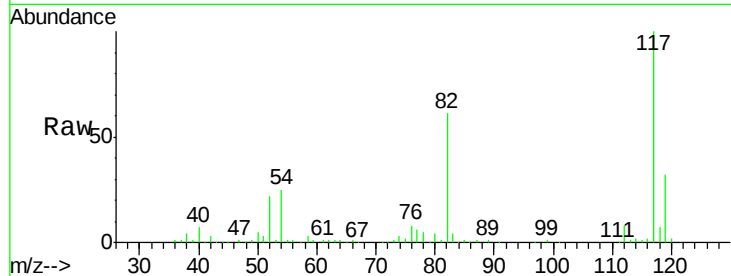
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	49.0	73.4
119	31.7	26.2	39.2

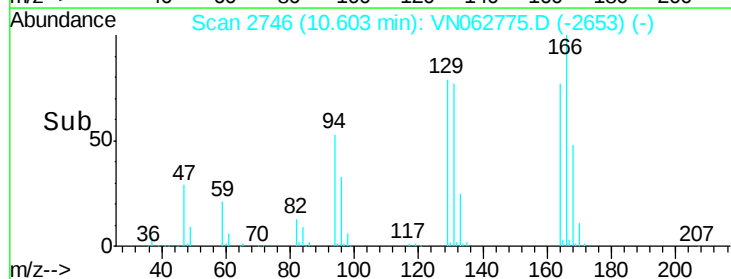
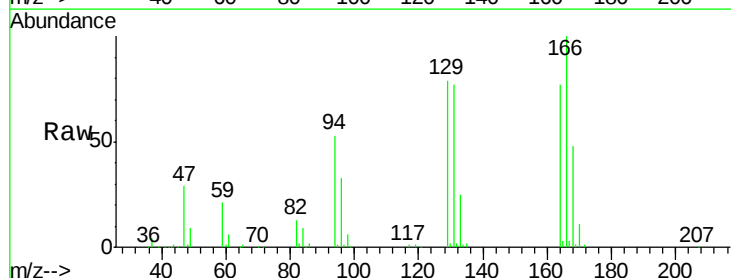
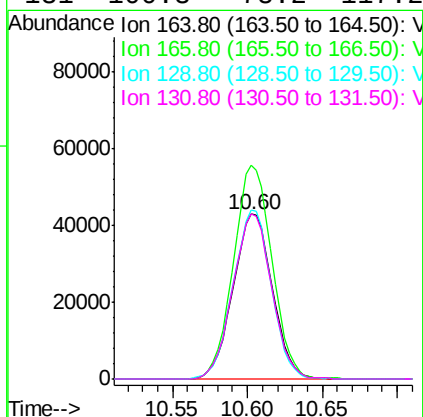
Manual Integrations
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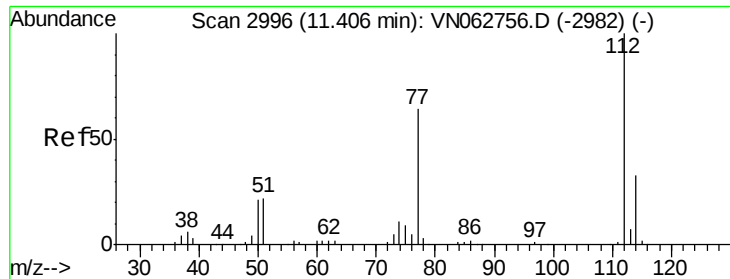
MMDadoda
8/7/2020 12:50:52 PM



#64
Tetrachloroethene
Concen: 45.808 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	103.8	155.8
129	102.7	82.7	124.1
131	100.3	78.2	117.2





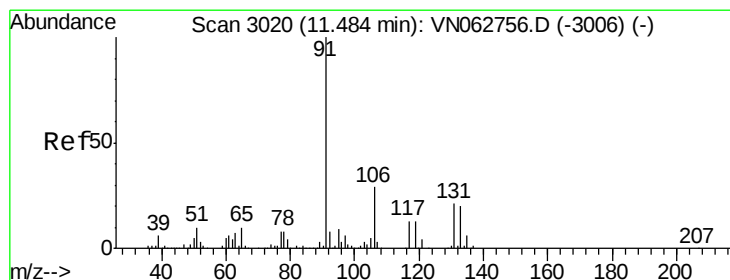
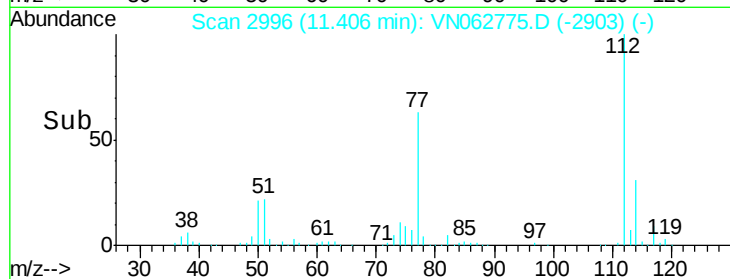
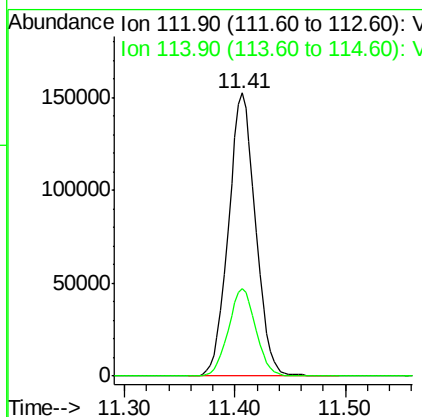
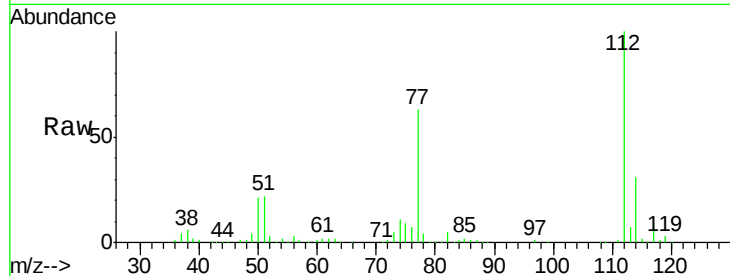
#65
Chlorobenzene
Concen: 46.744 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 259240
Ion Ratio Lower Upper
112 100
114 30.8 26.2 39.4

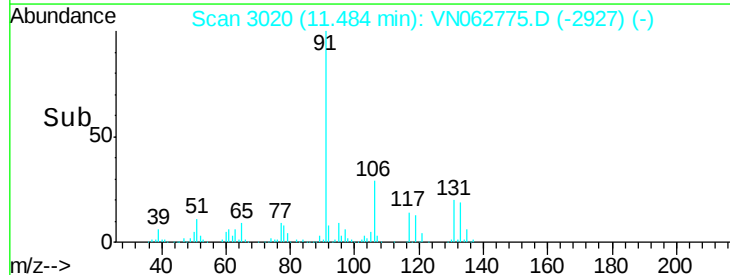
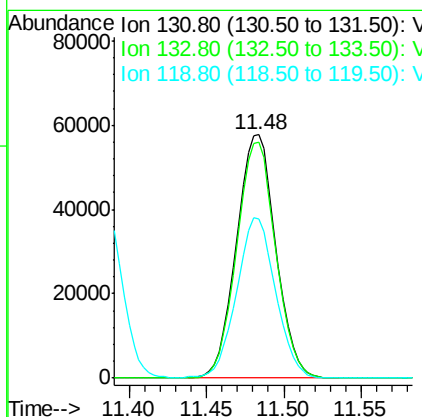
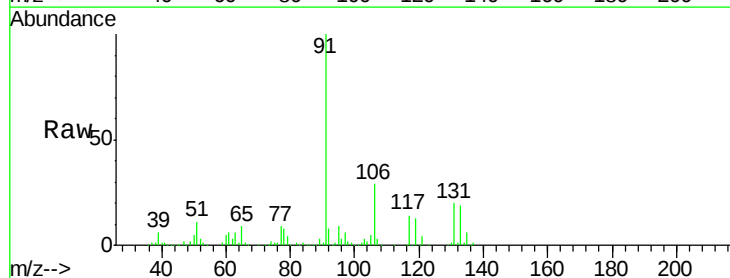
Manual Integrations
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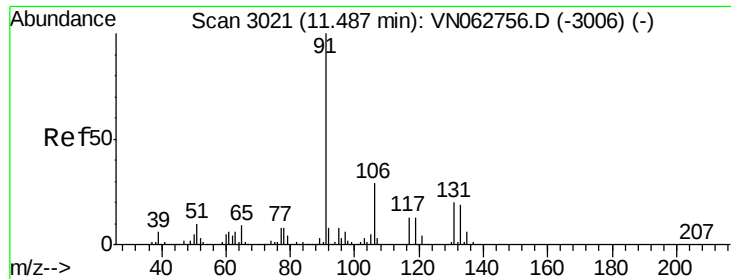
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 45.793 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion:131 Resp: 101985
Ion Ratio Lower Upper
131 100
133 96.1 48.6 145.8
119 65.4 32.2 96.6





#67

Ethyl Benzene

Concen: 48.117 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 477526

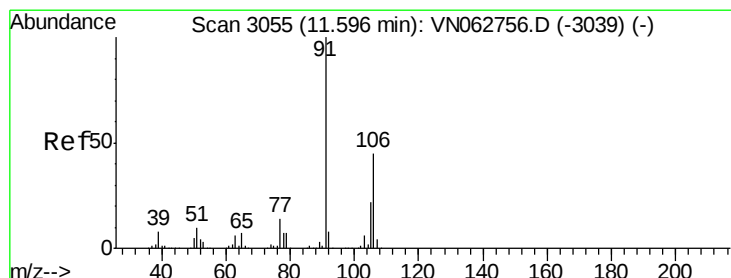
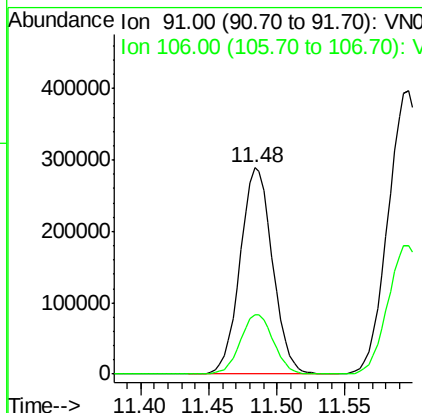
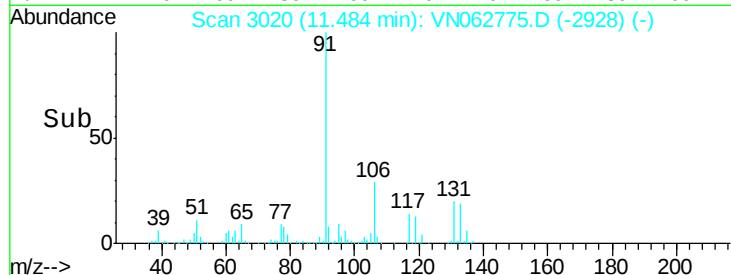
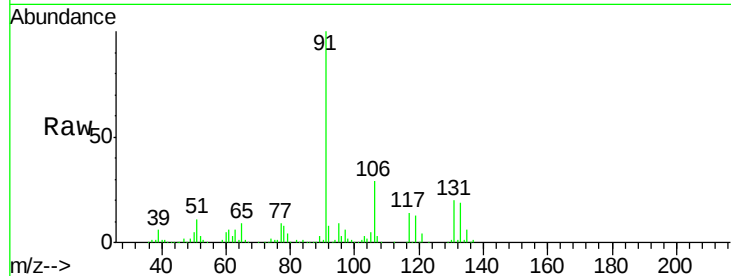
Ion Ratio Lower Upper

91 100

106 28.9 23.2 34.8

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 96.892 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062775.D

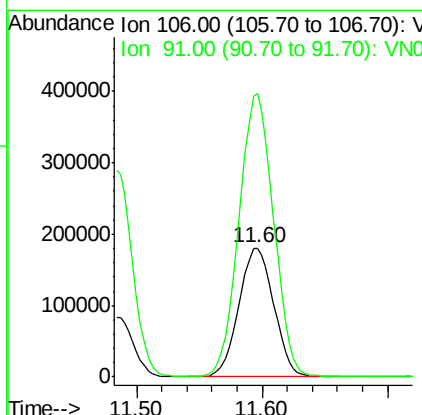
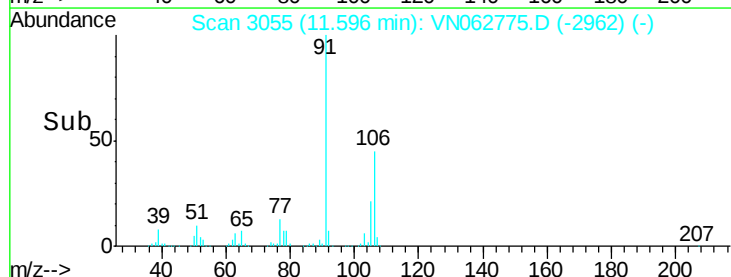
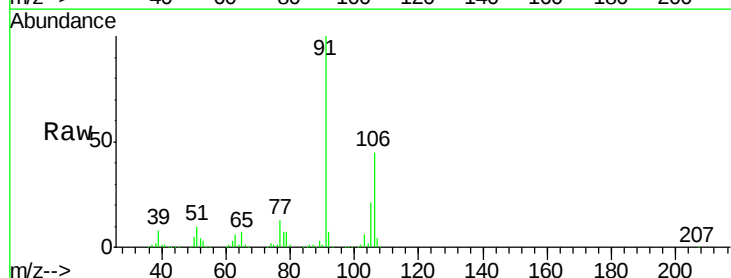
Acq: 6 Aug 2020 18:44

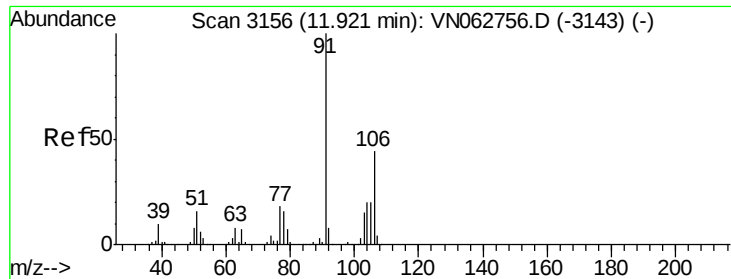
Tgt Ion: 106 Resp: 349055

Ion Ratio Lower Upper

106 100

91 218.0 175.9 263.9





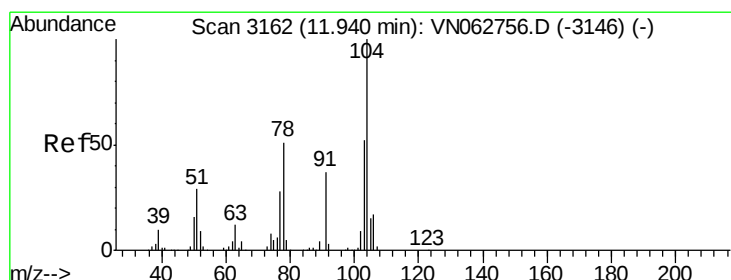
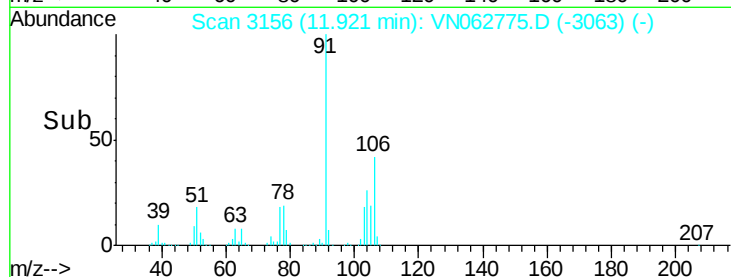
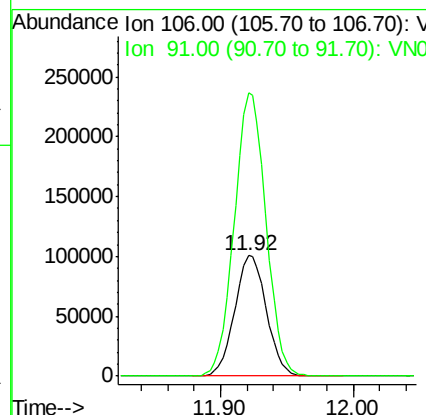
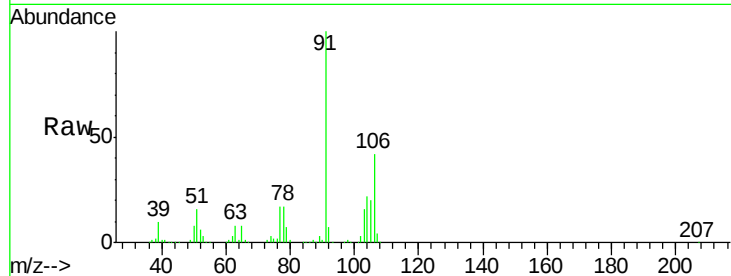
#69
o-Xylene
Concen: 49.519 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		167180		
91	235.2	115.8	347.4		

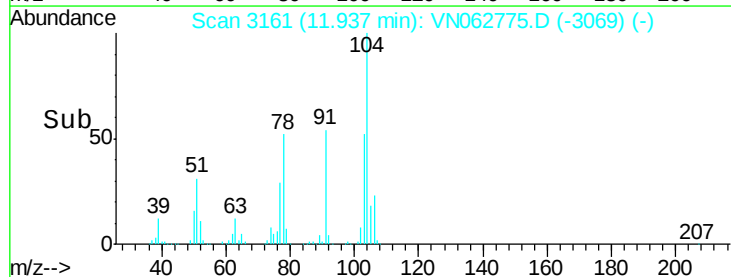
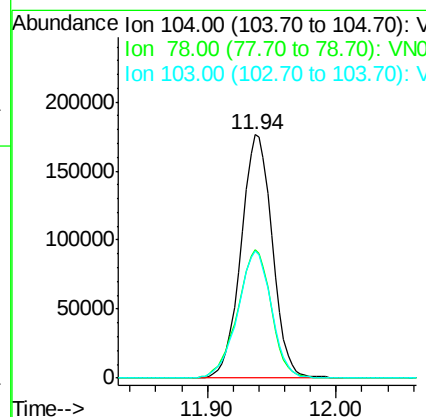
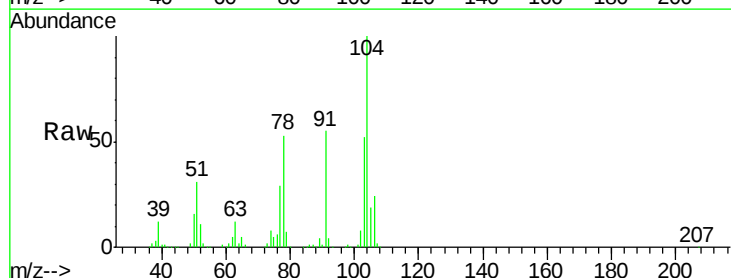
Manual Integrations
APPROVED

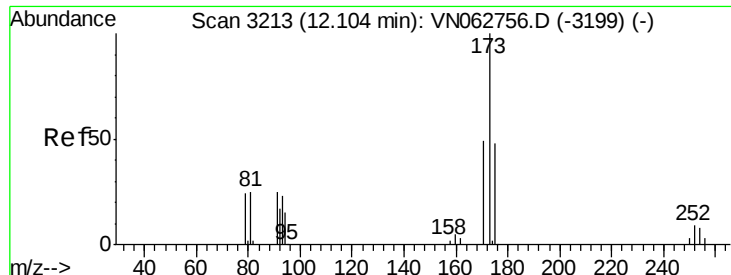
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#70
Styrene
Concen: 50.190 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		297840		
78	56.7	45.9	68.9		
103	56.1	45.1	67.7		





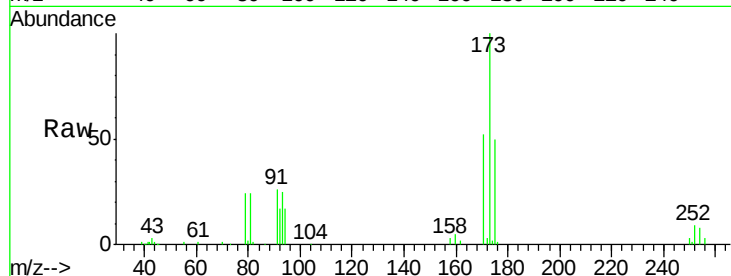
#71
Bromoform
Concen: 45.257 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

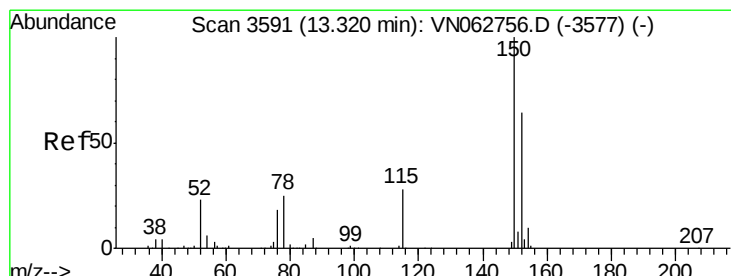
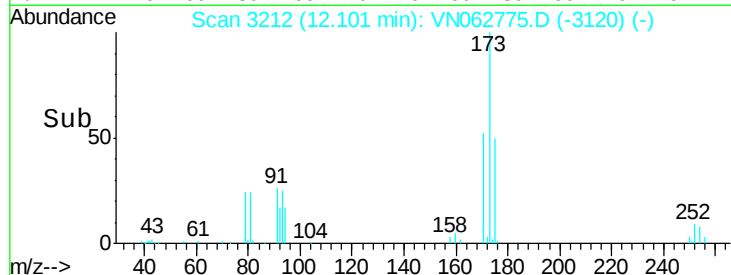
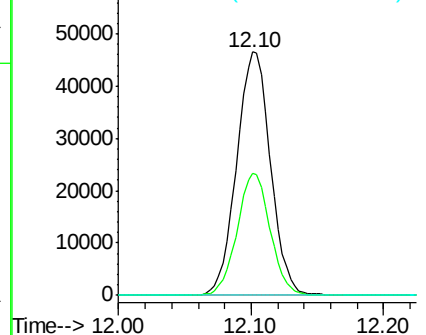
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations
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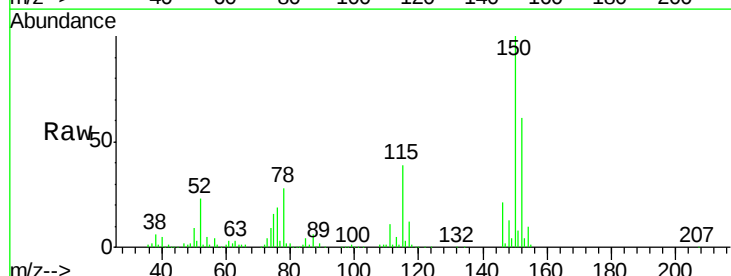


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

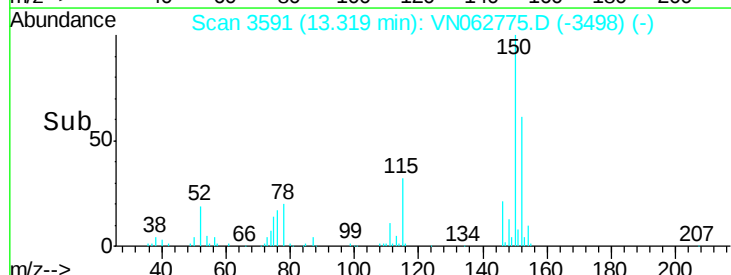
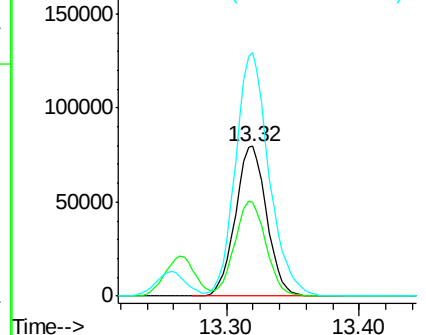


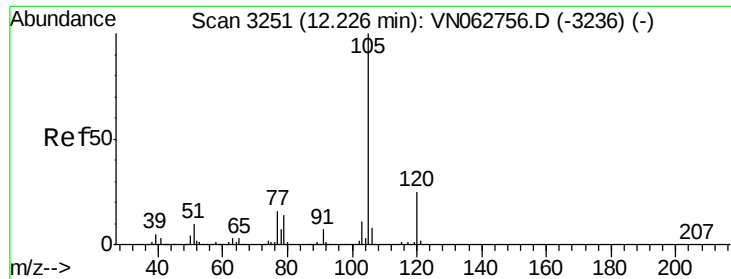
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.6	94.8
150	174.3	0.0	349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





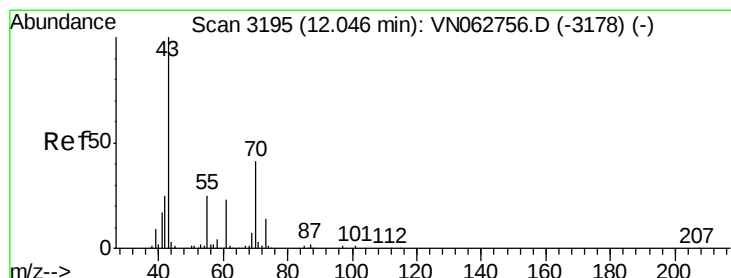
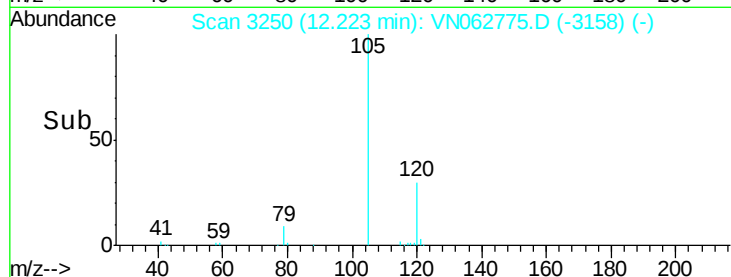
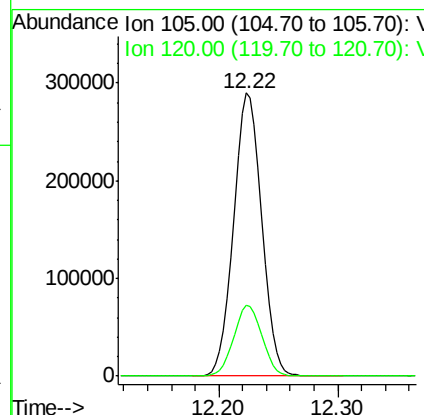
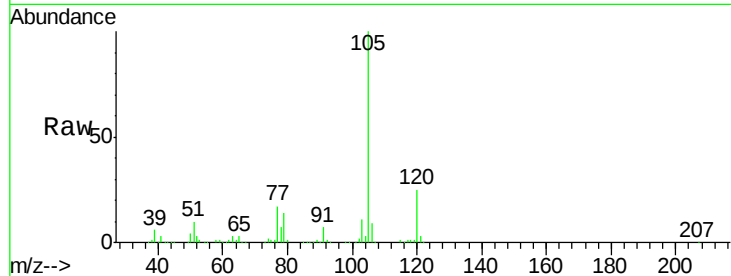
#73
Isopropylbenzene
Concen: 48.223 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.6	37.8

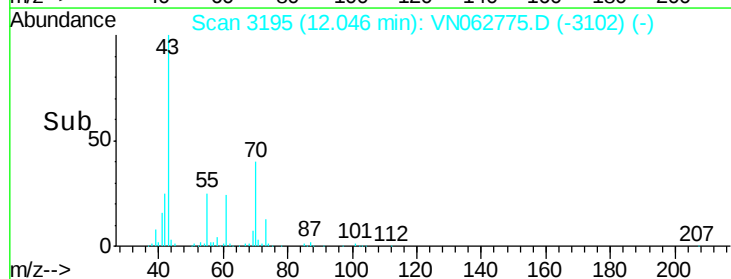
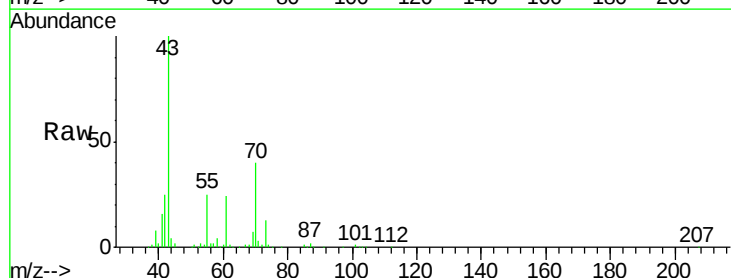
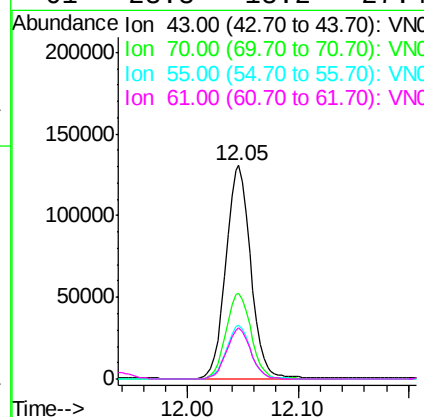
Manual Integrations
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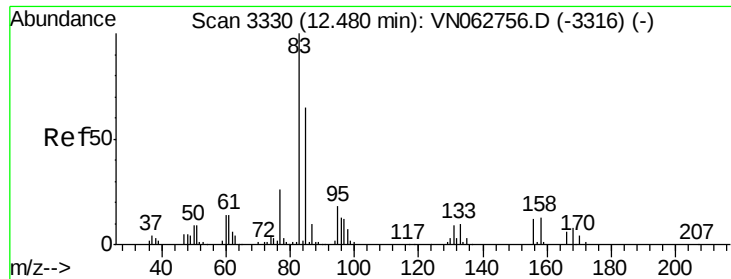
MMDadoda
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#74
N-ethyl acetate
Concen: 51.333 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.8	32.3	48.5
55	24.9	20.2	30.2
61	23.3	18.2	27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 45.183 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 156262

Ion Ratio Lower Upper

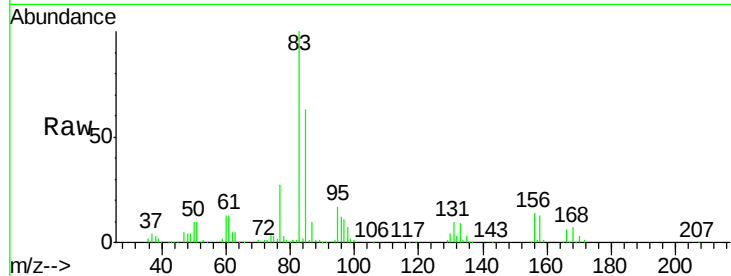
83 100

131 10.3 5.1 15.4

85 62.9 31.9 95.9

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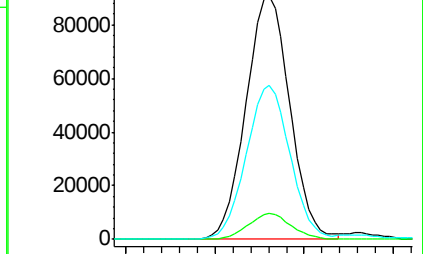
MMDadoda
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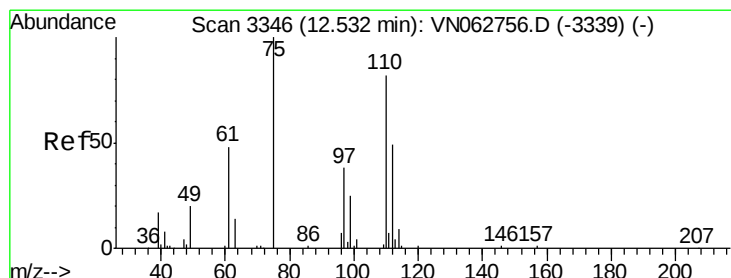
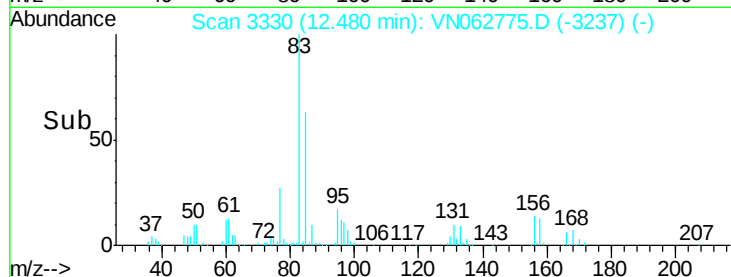
Abundance Ion 82.90 (82.60 to 83.60): VN062775.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062775.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062775.D (-3237) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 43.581 ug/l m

RT: 12.53 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN062775.D

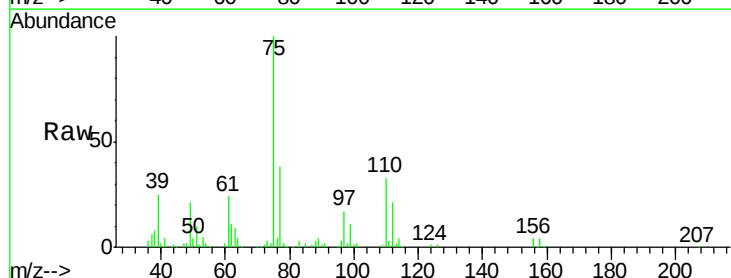
Acq: 6 Aug 2020 18:44

Tgt Ion: 75 Resp: 153344

Ion Ratio Lower Upper

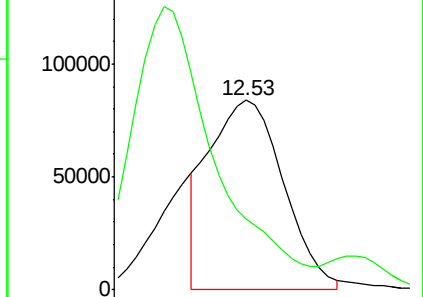
75 100

77 0.0 0.0 0.0

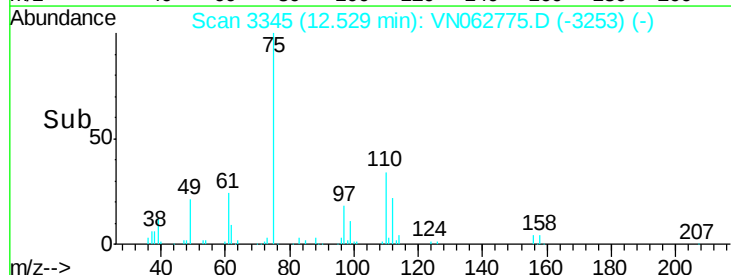


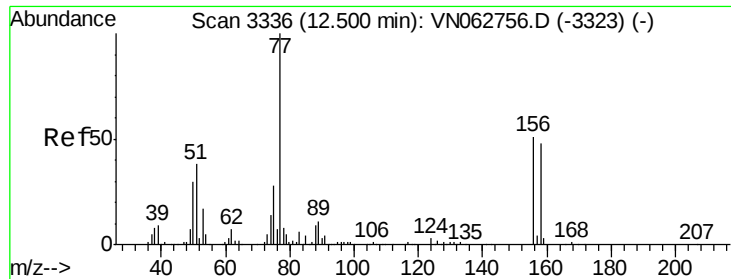
Abundance Ion 74.90 (74.60 to 75.60): VN062775.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN062775.D (-3253) (-)



Time-->





#77

Bromobenzene

Concen: 46.576 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

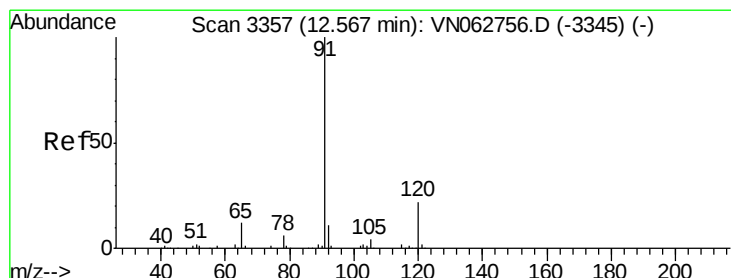
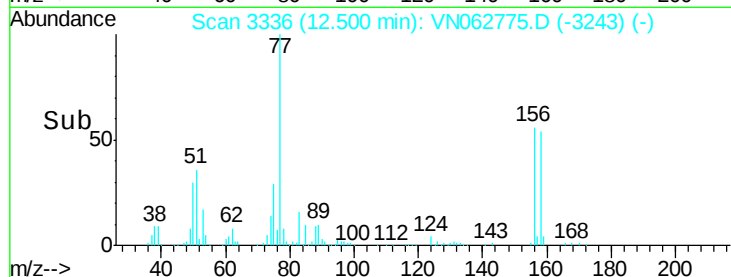
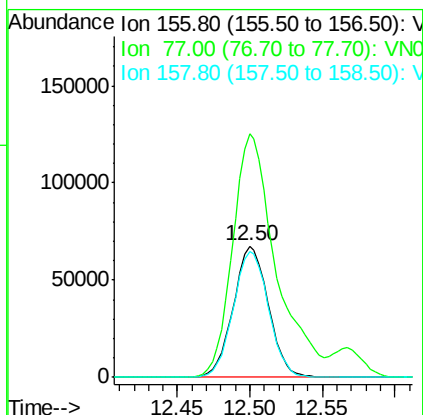
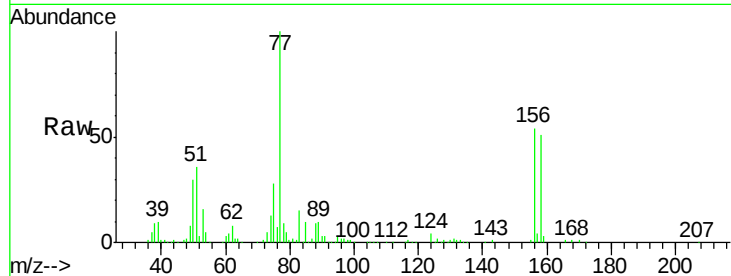
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	228.0	119.7	359.1
158	96.2	48.1	144.3

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#78

n-propylbenzene

Concen: 48.469 ug/l

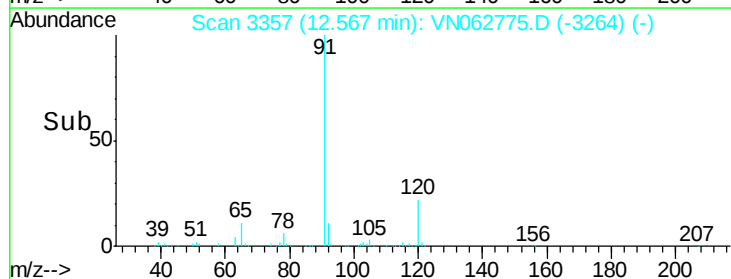
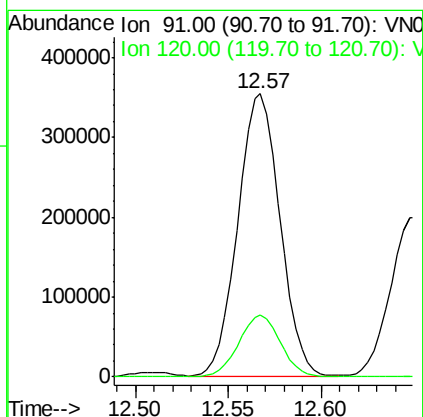
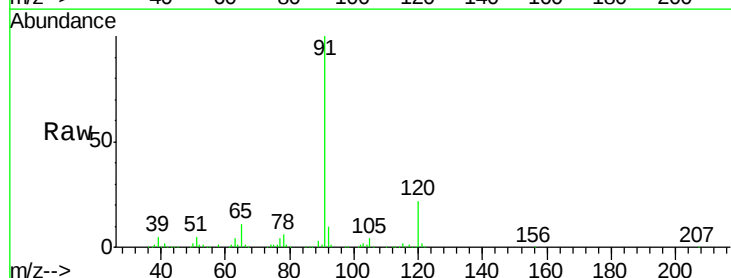
RT: 12.57 min Scan# 3357

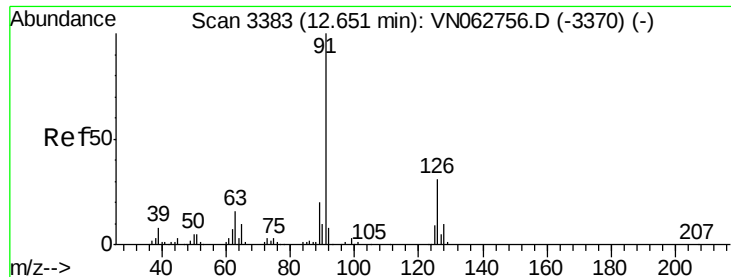
Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.9	32.9





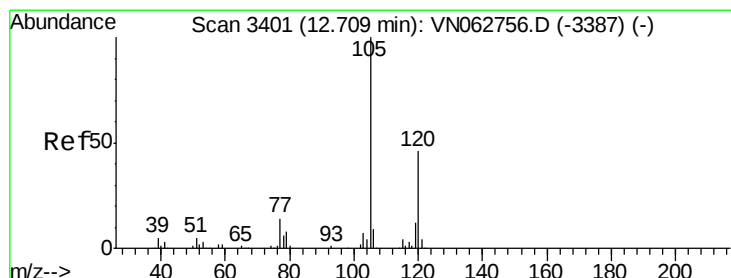
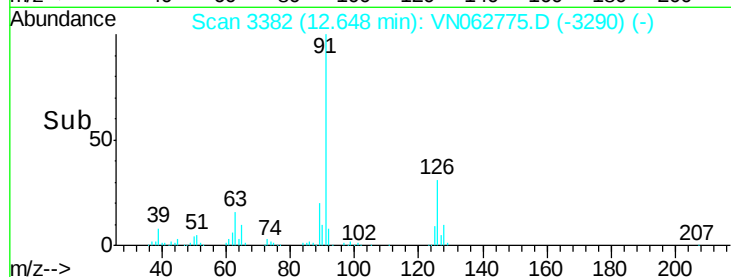
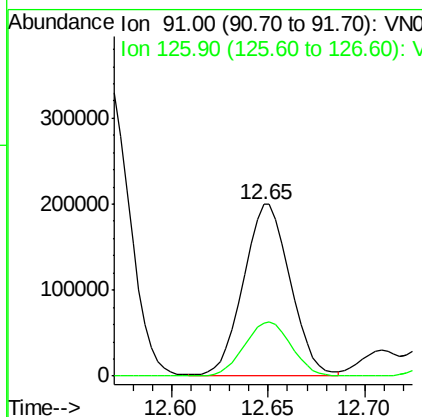
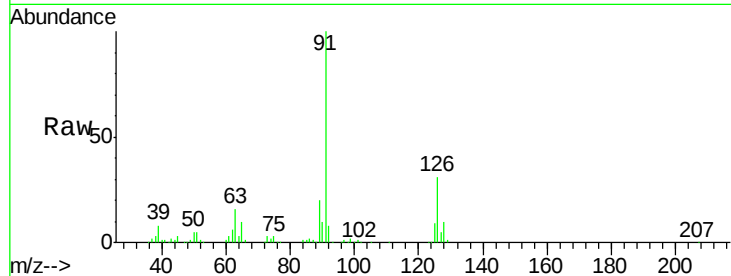
#79
 2-Chlorotoluene
 Concen: 46.134 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.2	15.6	46.7

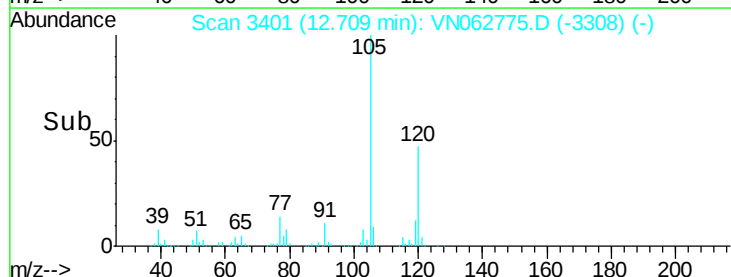
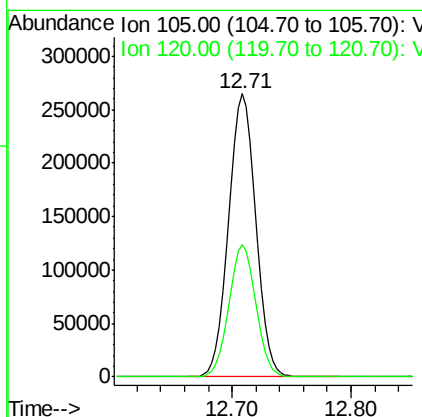
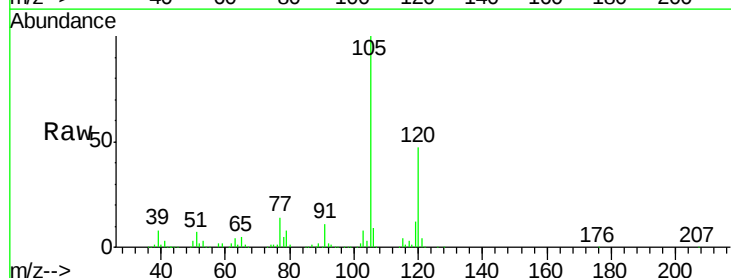
Manual Integrations
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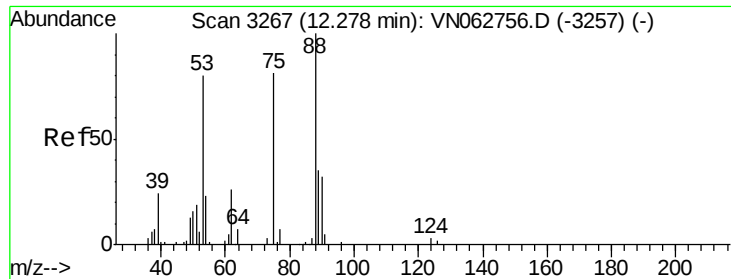
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.162 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.9	68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 43.781 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

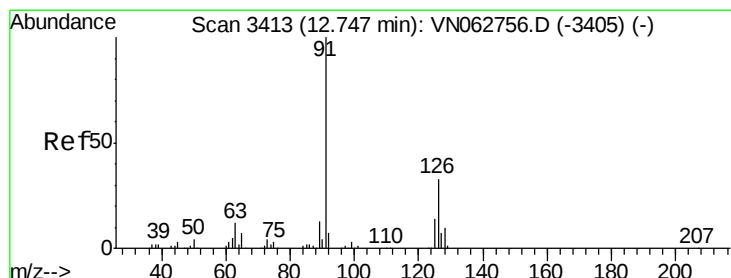
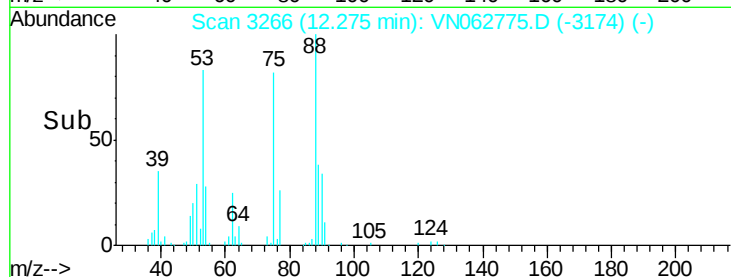
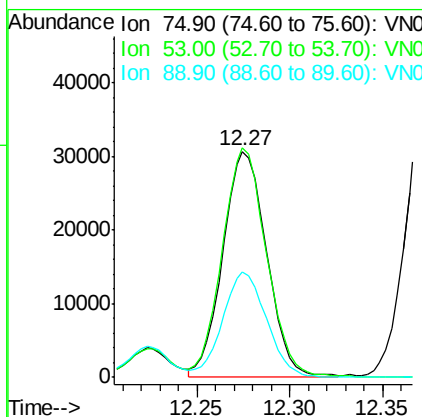
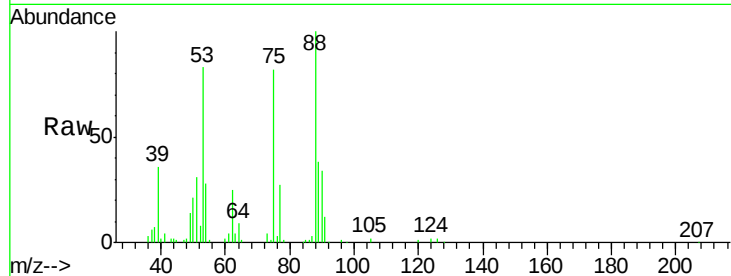
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	50463
Ion	Ratio	Lower	Upper
75	100		
53	102.9	79.1	118.7
89	46.6	36.2	54.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.448 ug/l

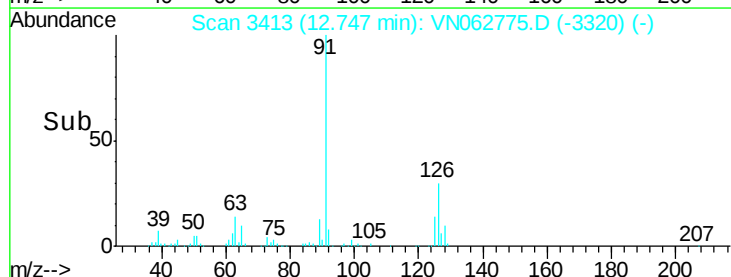
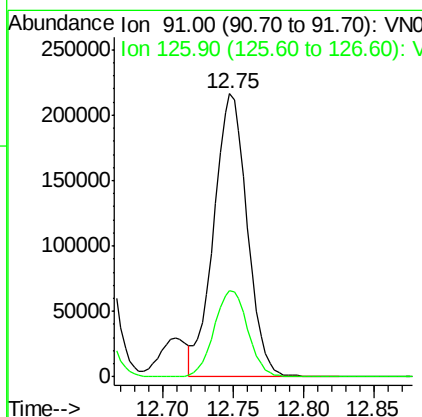
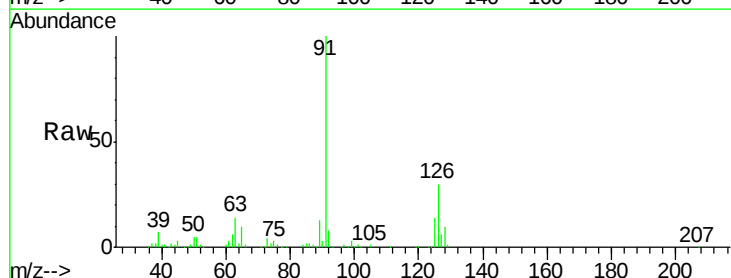
RT: 12.75 min Scan# 3413

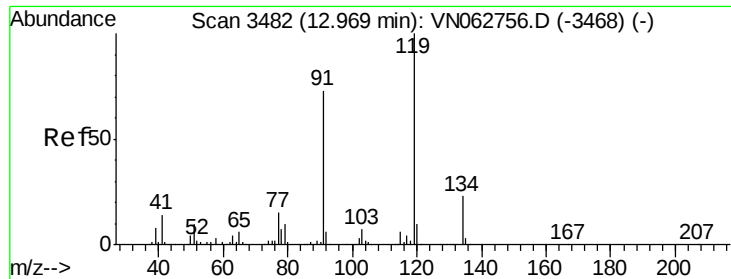
Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Tgt Ion:	91	Resp:	353609
Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.3	45.9





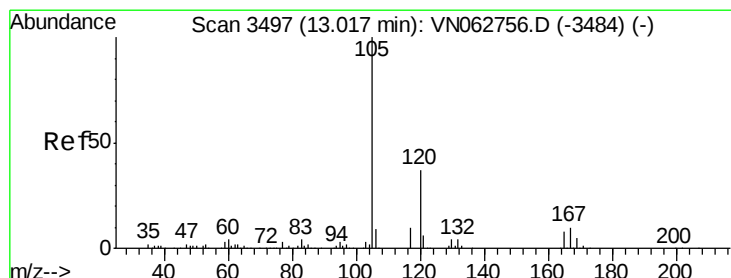
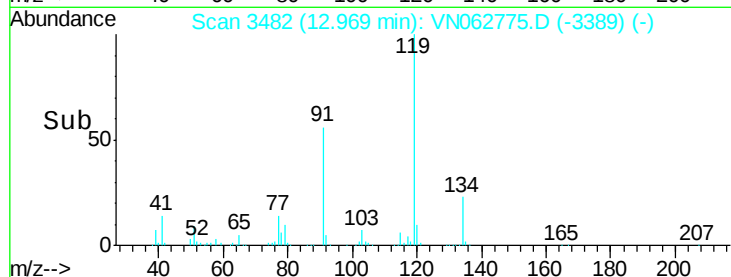
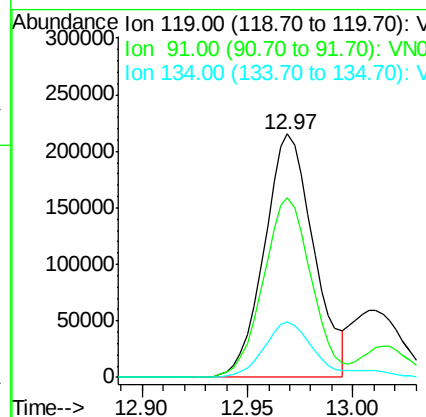
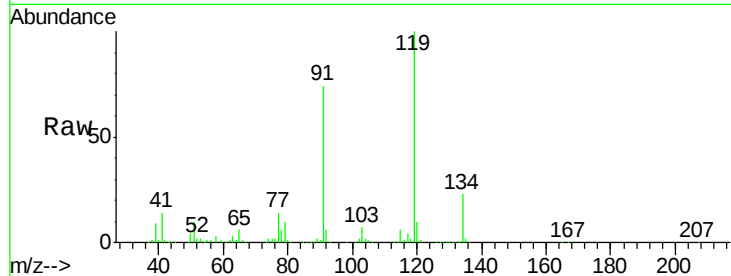
#83
 tert-Butylbenzene
 Concen: 48.565 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.3	36.5	109.5
134	22.5	11.3	33.8

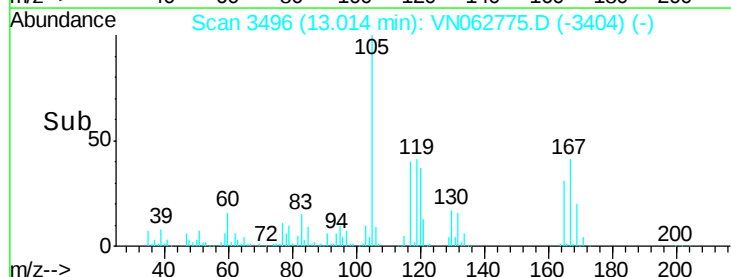
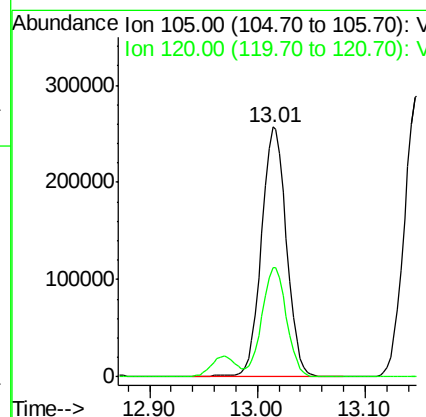
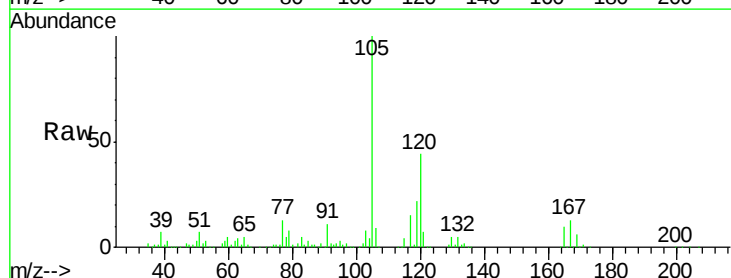
Manual Integrations
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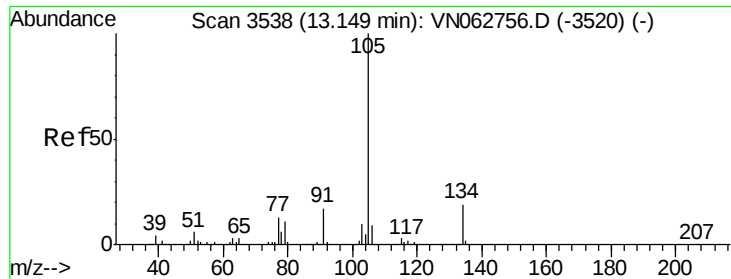
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.816 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.4	64.2





#85

sec-Butylbenzene

Concen: 48.767 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 461858

Ion Ratio Lower Upper

105 100

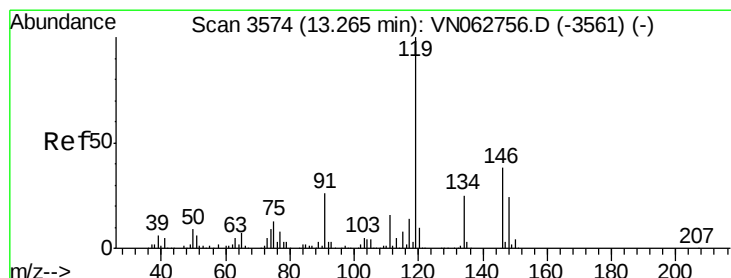
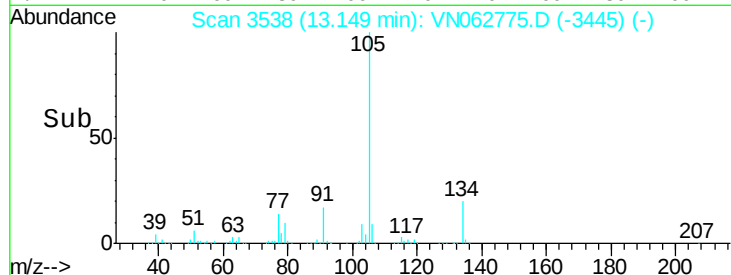
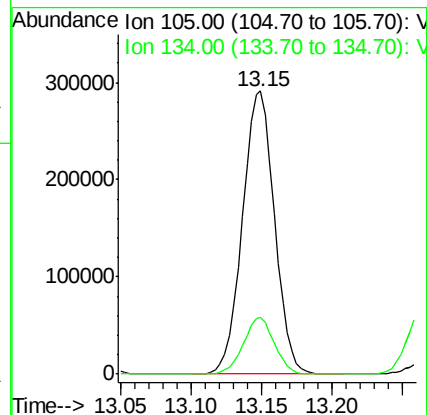
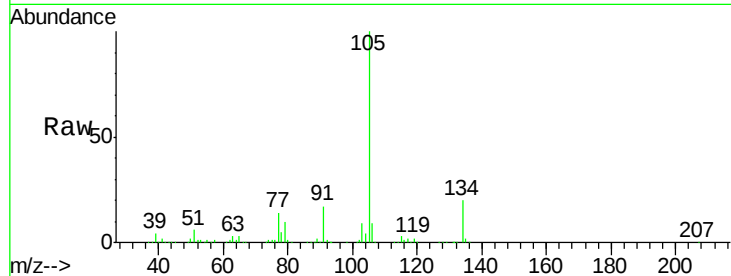
134 19.5 9.6 28.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.577 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

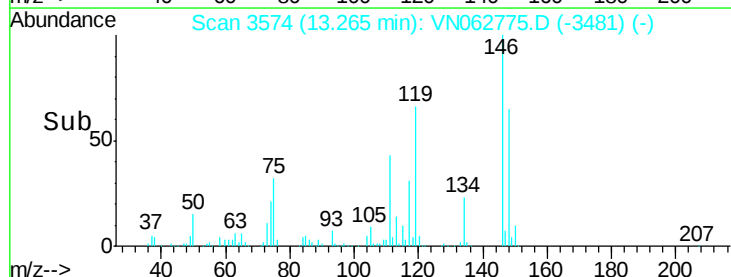
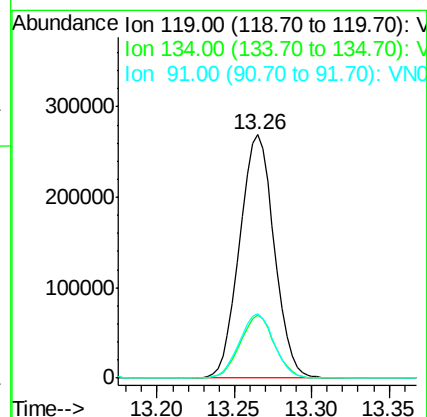
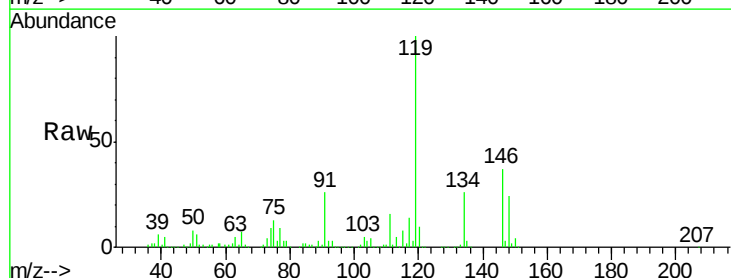
Tgt Ion:119 Resp: 416775

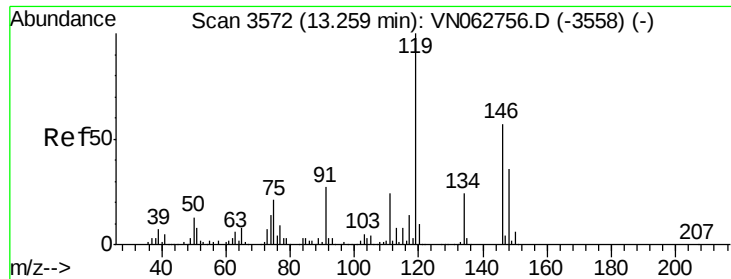
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 26.6 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 46.557 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

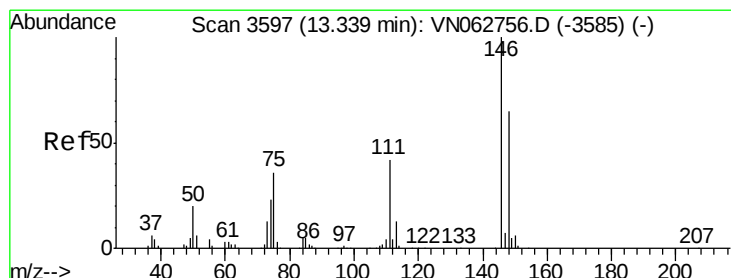
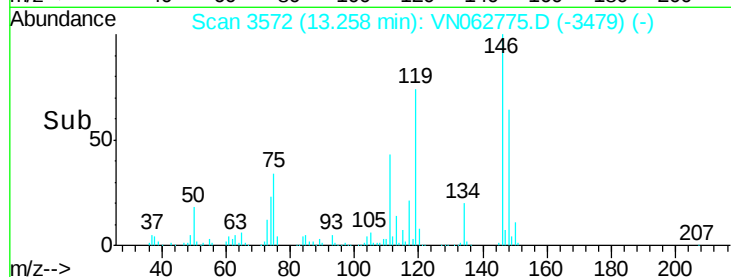
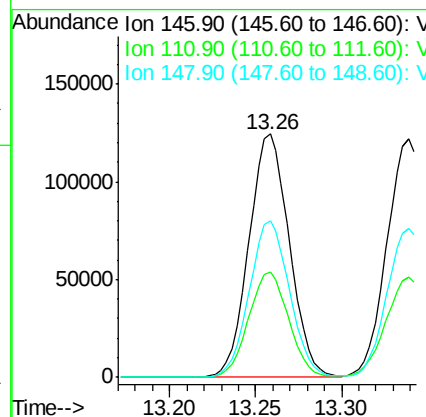
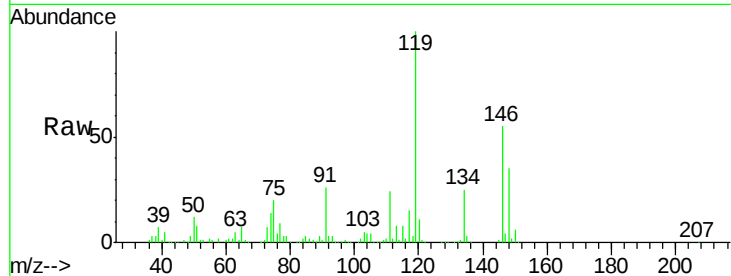
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	203026
Ion Ratio	Lower	Upper	
146	100		
111	43.0	21.7	65.1
148	64.3	31.4	94.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.135 ug/l

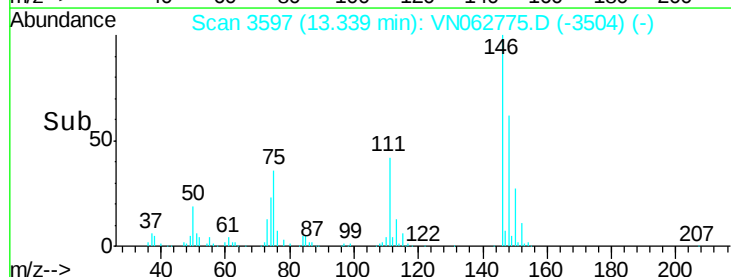
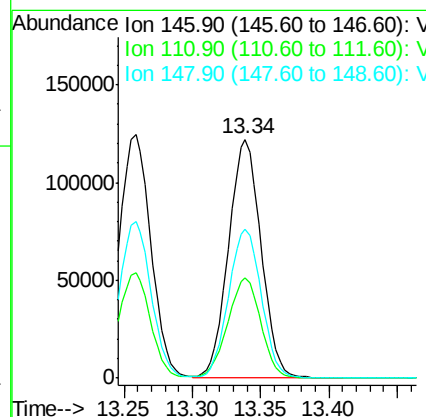
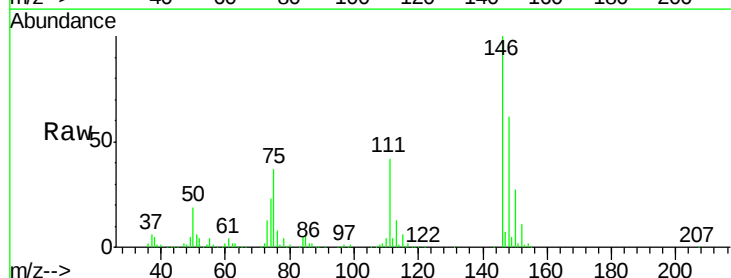
RT: 13.34 min Scan# 3597

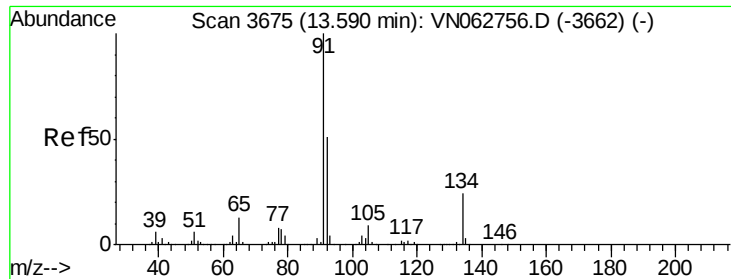
Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Tgt Ion:	146	Resp:	201785
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.6	64.6
148	62.7	32.6	97.8





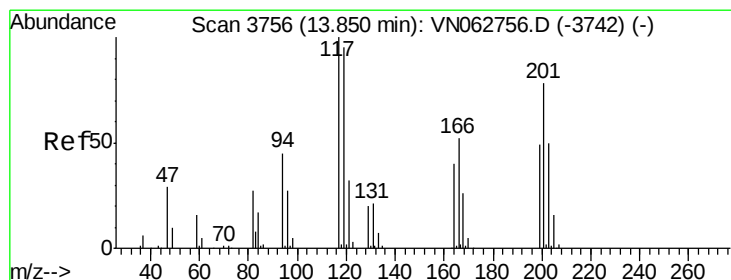
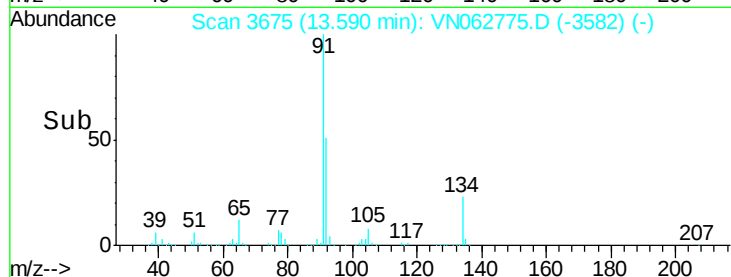
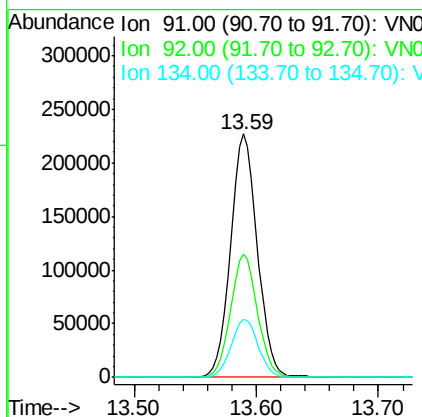
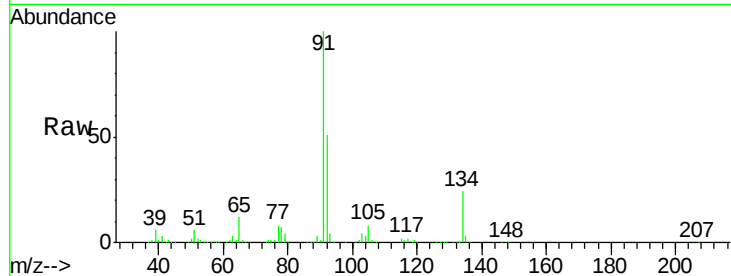
#89
n-Butylbenzene
Concen: 48.859 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.7	77.0
134	24.1	12.2	36.6

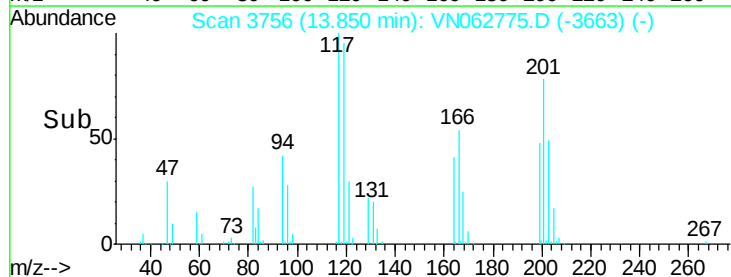
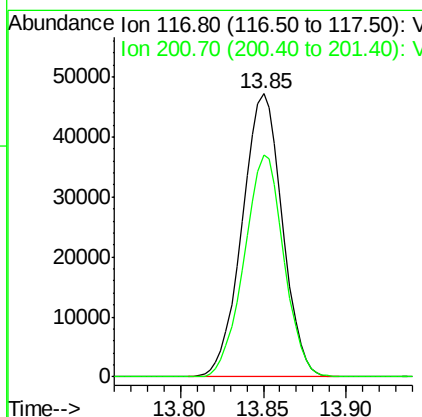
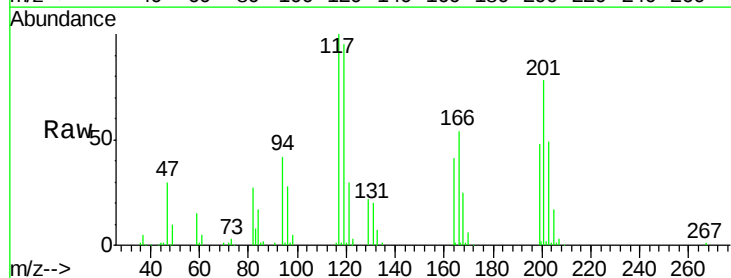
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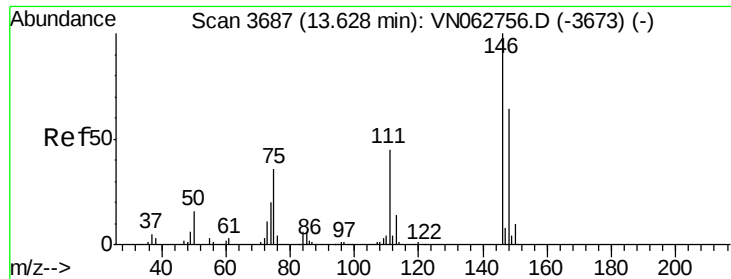
MMDadoda
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#90
Hexachloroethane
Concen: 43.823 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062775.D
Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.2	39.2	117.6





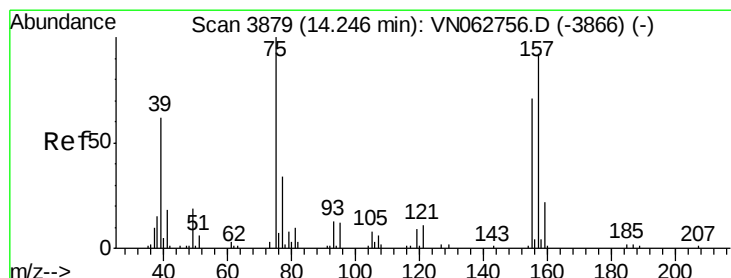
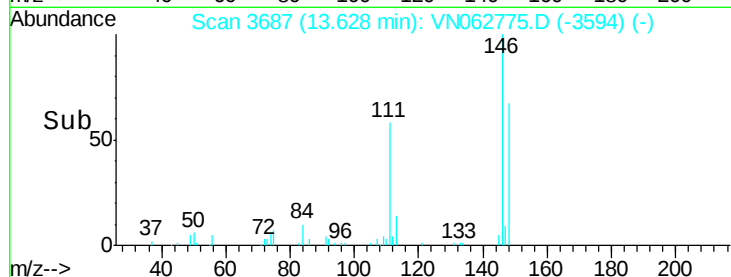
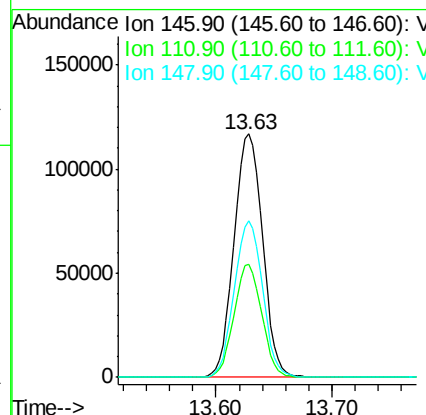
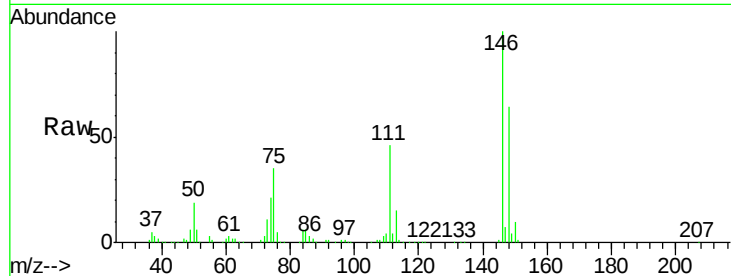
#91
 1,2-Dichlorobenzene
 Concen: 48.663 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	198952		
111	44.9	22.8	68.4	
148	63.4	31.9	95.5	

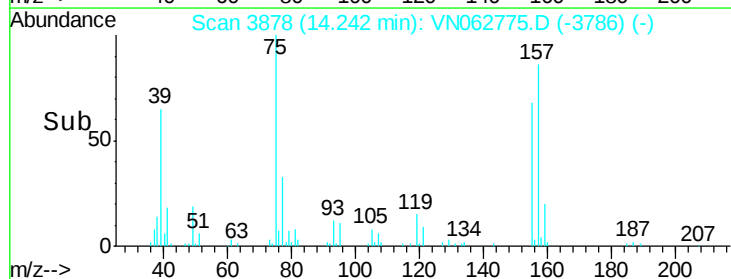
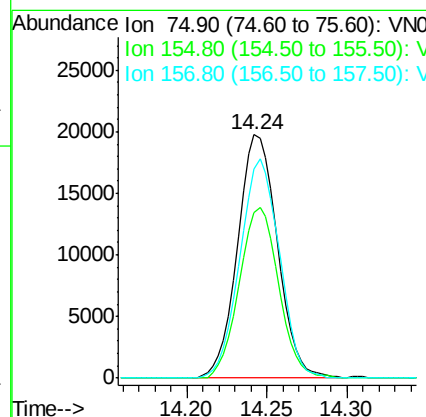
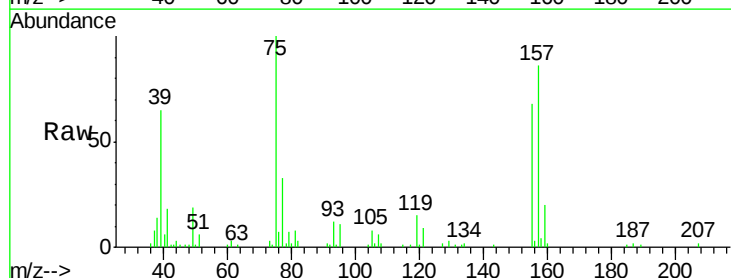
Manual Integrations
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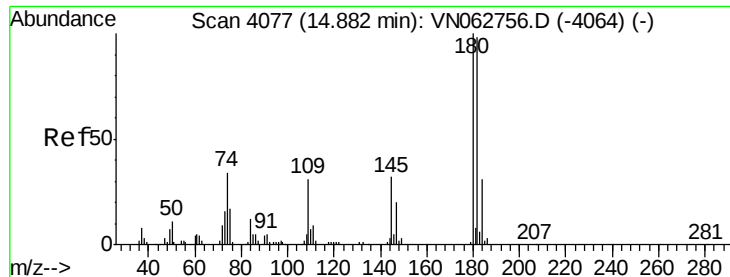
MMDadoda
 8/7/2020 12:50:52 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.121 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	33501		
155	69.3	35.0	105.1	
157	89.2	43.2	129.6	





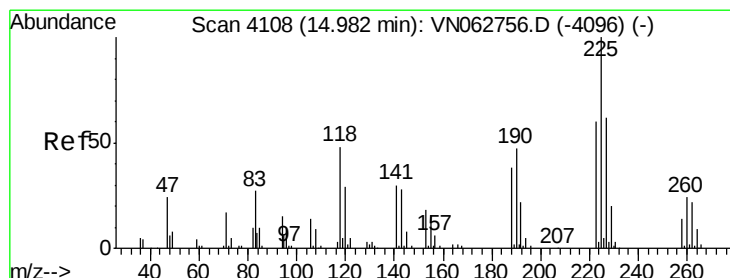
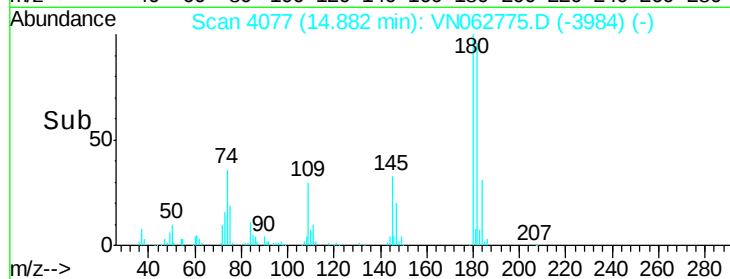
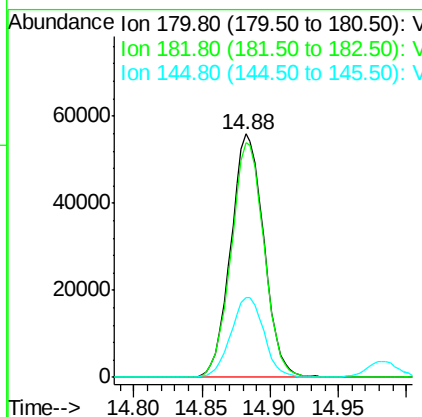
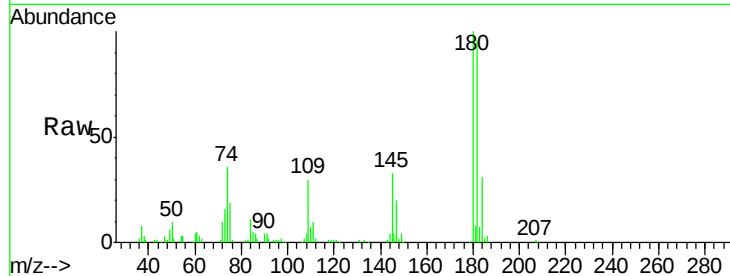
#93
 1,2,4-Trichlorobenzene
 Concen: 43.328 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	49.1	147.4	
145	32.8	16.3	48.8	

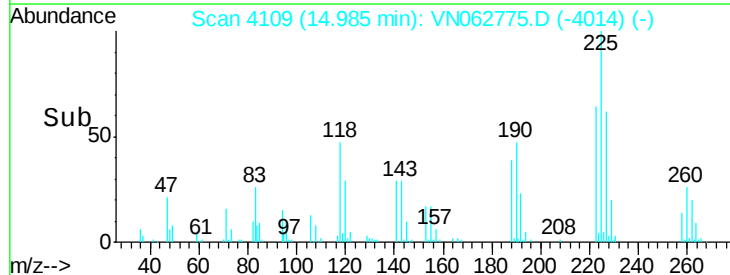
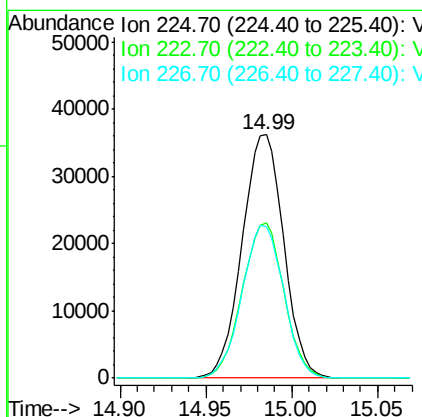
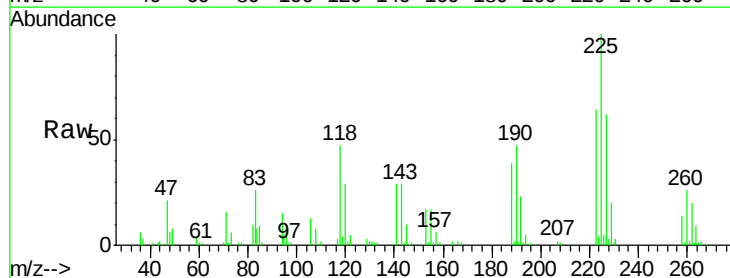
Manual Integrations
 APPROVED

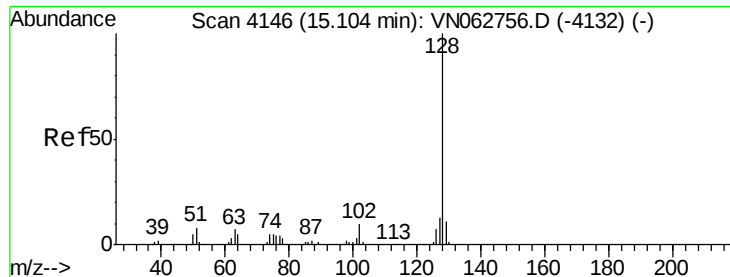
MMDadoda
 8/7/2020 12:50:52 PM



#94
 Hexachlorobutadiene
 Concen: 47.297 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062775.D
 Acq: 6 Aug 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	30.6	92.0	
227	62.8	31.6	95.0	





#95

Naphthalene

Concen: 42.521 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Instrument :

MSVOA_N

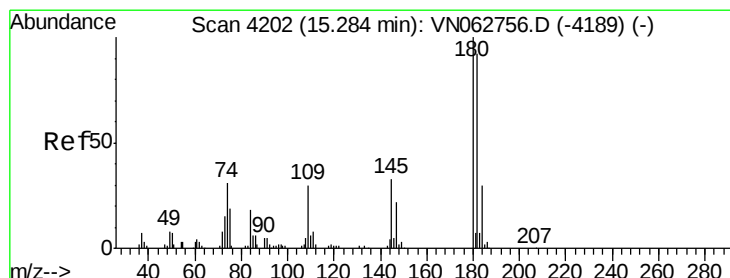
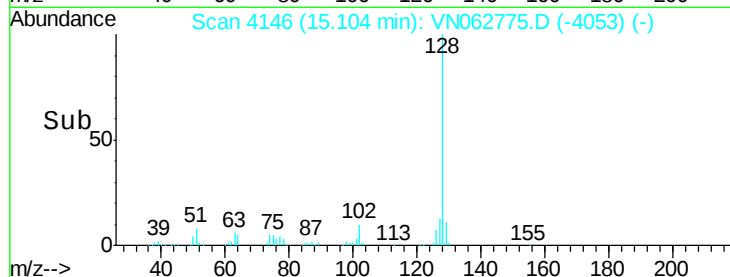
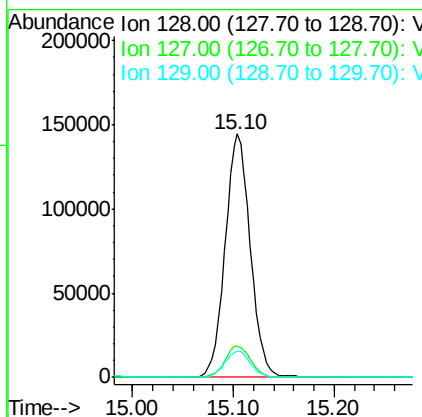
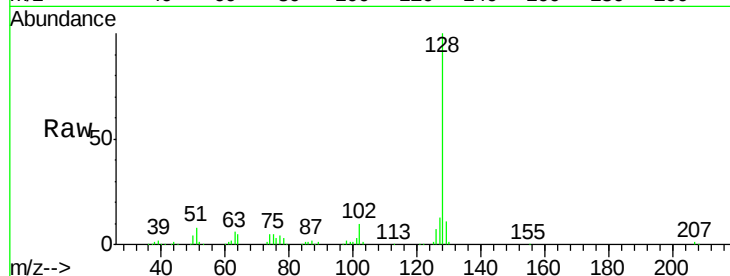
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	251435
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.8	16.2
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/7/2020 12:50:52 PM



#96

1,2,3-Trichlorobenzene

Concen: 43.915 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062775.D

Acq: 6 Aug 2020 18:44

Tgt Ion:	180	Resp:	94273
Ion Ratio		Lower	Upper
180	100		
182	96.1	47.9	143.6
145	34.7	17.3	51.7

