

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024178.D
 Acq On : 27 Dec 2021 14:07
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 28 05:50:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	106060	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	109152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66230	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40546	5.083	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.568	69	34665	5.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.111	63	96952	5.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.908	46	30658	34.597	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.200%
24) Chloroform-d	4.346	84	88222	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.031	65	39692	5.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.047	84	160403	5.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
36) 1,2-Dichloropropane-d6	6.066	67	42616	5.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.313	98	161927	5.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
43) trans-1,3-Dichloroprop...	7.622	79	18326	5.360	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.200%
46) 2-Hexanone-d5	8.088	63	64521	56.126	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30133	5.466	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	61118	5.309	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	115682	4.719	ug/L	100
3) Chloromethane	1.240	50	88168	4.759	ug/L	94
5) Vinyl chloride	1.310	62	91671	4.835	ug/L	98
6) Bromomethane	1.523	94	59942	4.955	ug/L	98
8) Chloroethane	1.584	64	53731	4.874	ug/L	96
9) Trichlorofluoromethane	1.751	101	146144	4.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	68988	4.664	ug/L	99
12) 1,1-Dichloroethene	2.117	96	69018	4.739	ug/L	92
13) Acetone	2.198	43	40376	32.105	ug/L	77
14) Carbon disulfide	2.291	76	221017	4.697	ug/L	100
15) Methyl Acetate	2.439	43	14553	4.660	ug/L	98
16) Methylene chloride	2.503	84	73702	4.735	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	145053	4.926	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	75211	4.863	ug/L	96
19) 1,1-Dichloroethane	3.188	63	125344	4.869	ug/L	98
21) 2-Butanone	3.992	43	78791	47.617	ug/L	93
22) cis-1,2-Dichloroethene	3.908	96	73883	4.827	ug/L	95
23) Bromochloromethane	4.243	128	35311	4.828	ug/L	# 87
25) Chloroform	4.371	83	139080	4.835	ug/L	99

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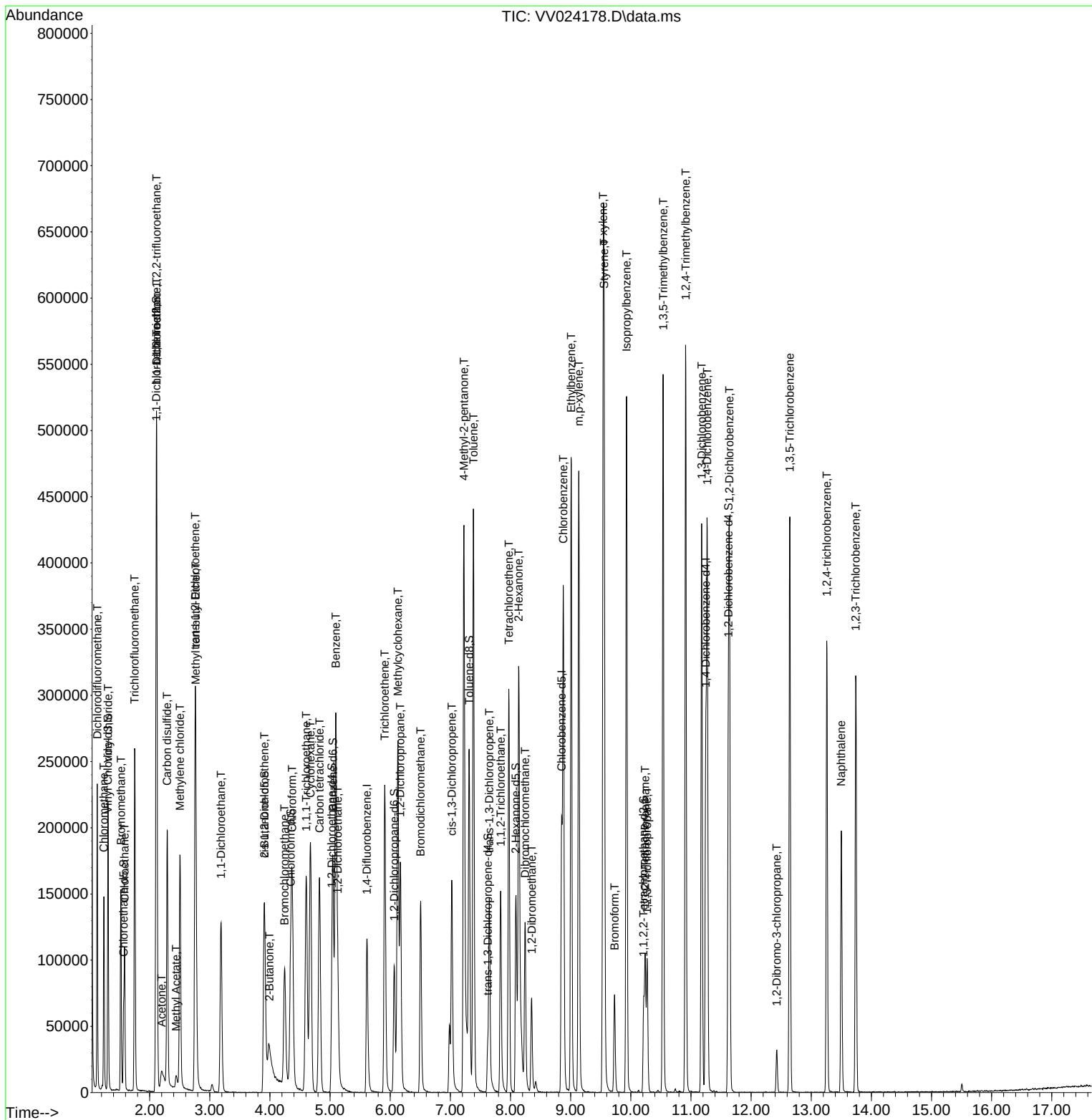
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 ClientSampleId :

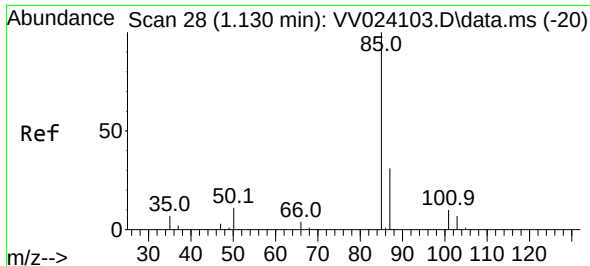
Quant Time: Dec 28 05:50:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	79599	4.943	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	132528	4.815	ug/L	98
30) Cyclohexane	4.674	56	97503	4.762	ug/L	96
31) Carbon tetrachloride	4.825	117	120657	4.726	ug/L	100
33) Benzene	5.095	78	286621	5.005	ug/L	100
34) Trichloroethene	5.908	95	76735	4.749	ug/L	97
35) Methylcyclohexane	6.127	83	109016	4.659	ug/L	96
37) 1,2-Dichloropropane	6.169	63	62421	4.728	ug/L	99
38) Bromodichloromethane	6.506	83	95009	5.022	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	94562	4.941	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	330014	52.294	ug/L	98
42) Toluene	7.384	91	317895	4.975	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	84902	5.194	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	48878	4.994	ug/L	97
47) Tetrachloroethene	7.973	164	67892	4.722	ug/L	97
48) 2-Hexanone	8.136	43	234238	50.715	ug/L	97
49) Dibromochloromethane	8.243	129	65377	4.965	ug/L	99
50) 1,2-Dibromoethane	8.352	107	46476	4.997	ug/L	90
51) Chlorobenzene	8.879	112	202479	4.782	ug/L	99
52) Ethylbenzene	9.008	91	326819	4.810	ug/L	100
53) m,p-xylene	9.136	106	131951	4.896	ug/L	98
54) o-xylene	9.542	106	127350	4.935	ug/L	99
55) Styrene	9.558	104	222658	5.122	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	47097	4.965	ug/L	98
59) Bromoform	9.731	173	34678	4.858	ug/L	99
60) Isopropylbenzene	9.931	105	333837	4.768	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	39221	5.005	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	283991	4.810	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	296564	4.928	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	173928	4.794	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	167829	4.668	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	155469	4.734	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	7835	4.636	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	135222	4.680	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	105383	4.737	ug/L	99
71) Naphthalene	13.500	128	157404	4.765	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	95713	4.892	ug/L	100

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

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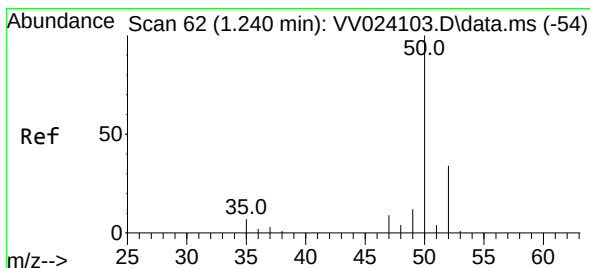
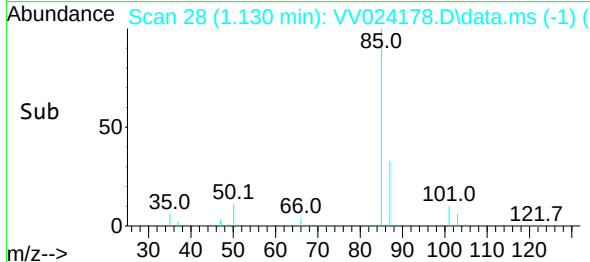
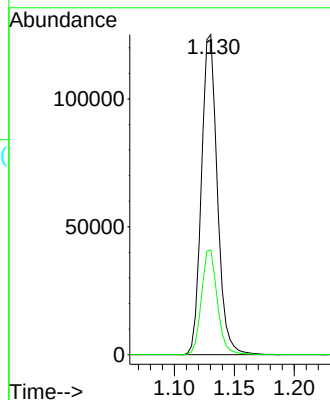
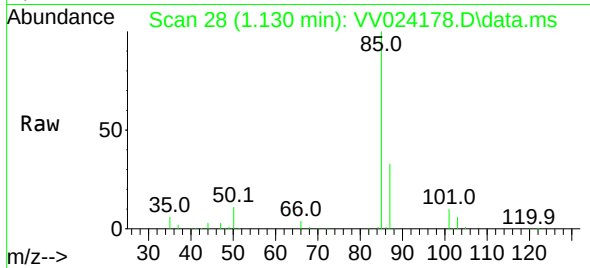




#2
 Dichlorodifluoromethane
 Concen: 4.719 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024178.D
 Acq: 27 Dec 2021 14:07

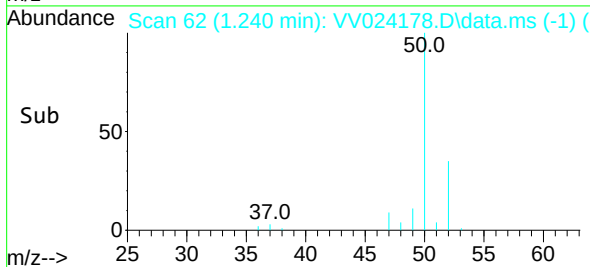
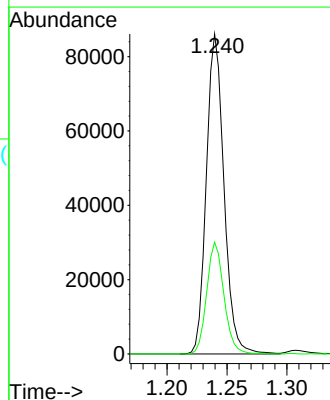
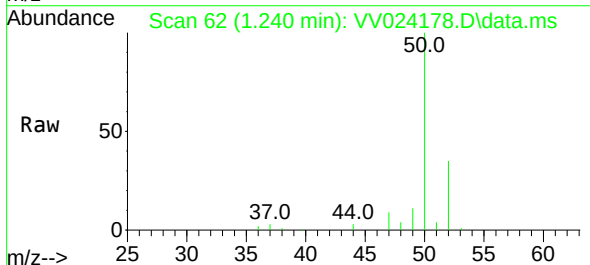
Instrument :
 MSVOA_V
 ClientSampleId :

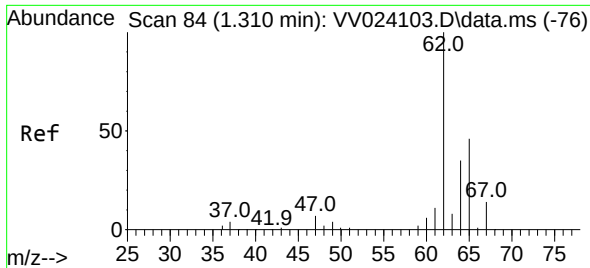
Tgt Ion: 85 Resp: 115682
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 4.759 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024178.D
 Acq: 27 Dec 2021 14:07

Tgt Ion: 50 Resp: 88168
 Ion Ratio Lower Upper
 50 100
 52 34.9 22.0 41.0

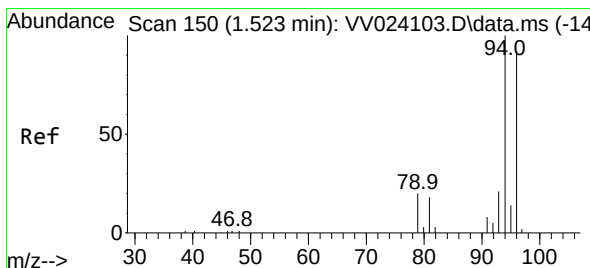
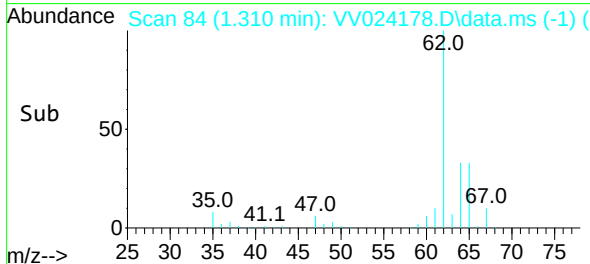
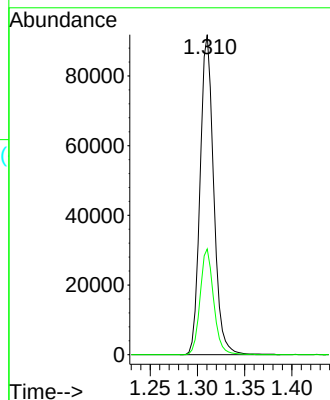
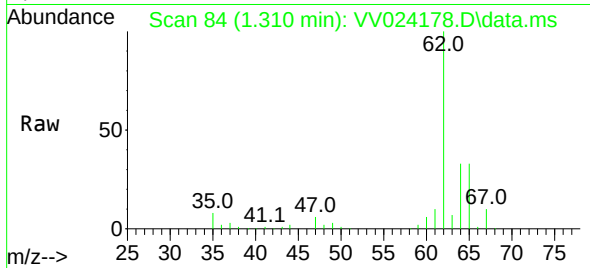




#5
 Vinyl chloride
 Concen: 4.835 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024178.D
 Acq: 27 Dec 2021 14:07

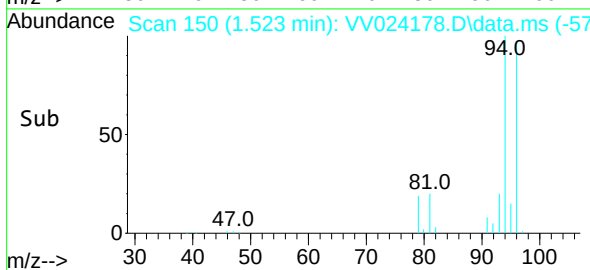
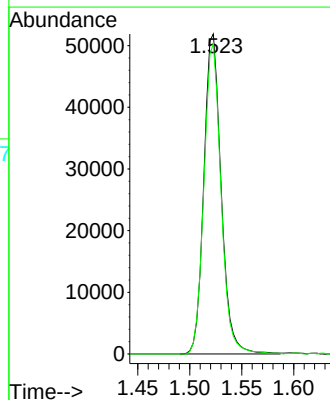
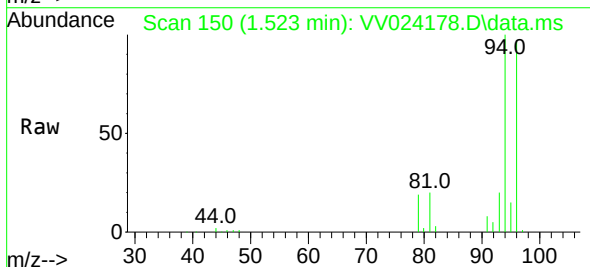
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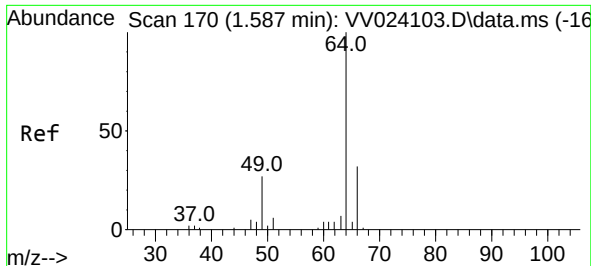
Tgt Ion: 62 Resp: 91671
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.4 41.6



#6
 Bromomethane
 Concen: 4.955 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024178.D
 Acq: 27 Dec 2021 14:07

Tgt Ion: 94 Resp: 59942
 Ion Ratio Lower Upper
 94 100
 96 97.0 66.2 123.0

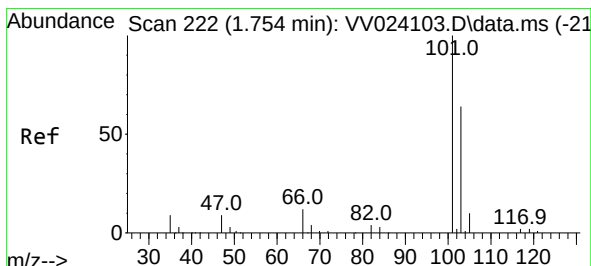
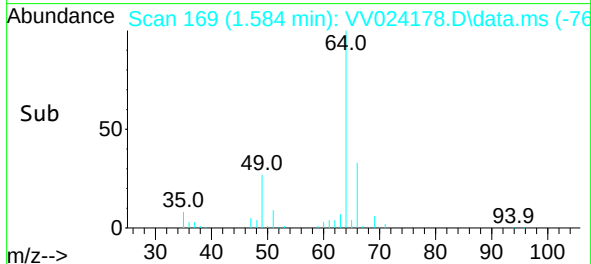
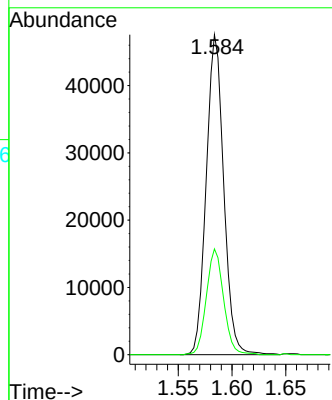
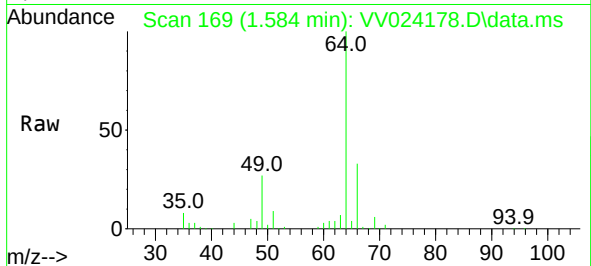




#8
Chloroethane
Concen: 4.874 ug/L
RT: 1.584 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

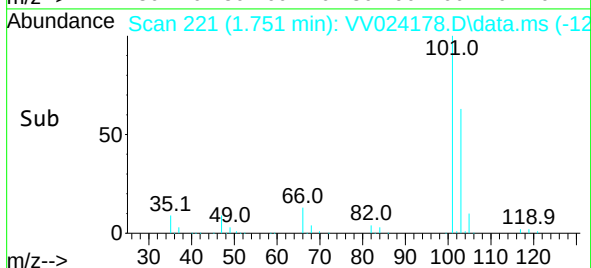
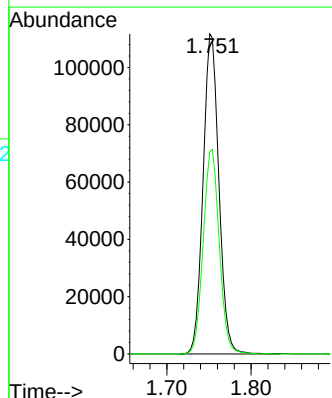
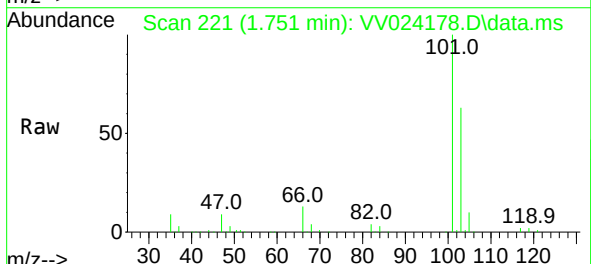
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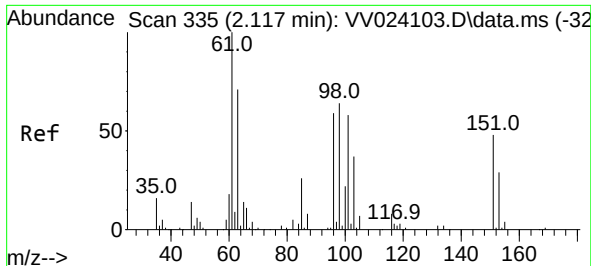
Tgt Ion: 64 Resp: 53731
Ion Ratio Lower Upper
64 100
66 33.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.742 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Tgt Ion:101 Resp: 146144
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

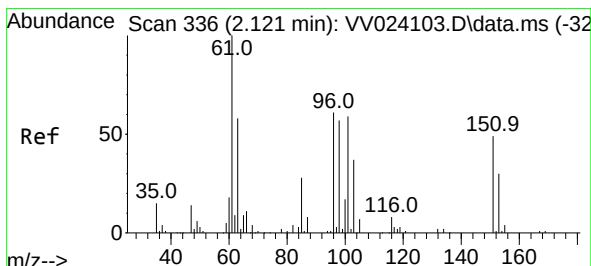
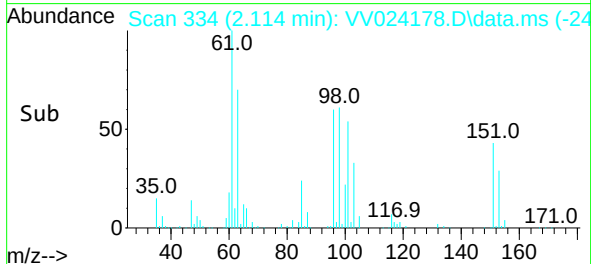
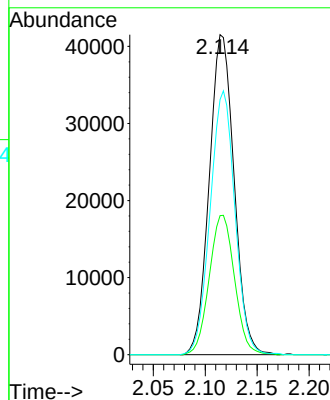
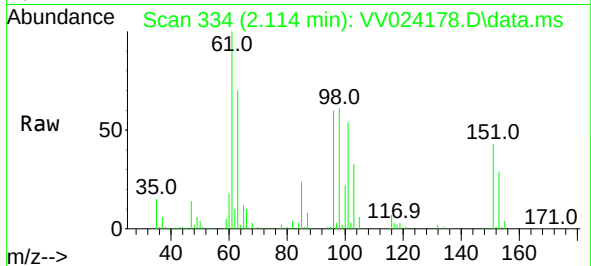




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.664 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV024178.D
 Acq: 27 Dec 2021 14:07

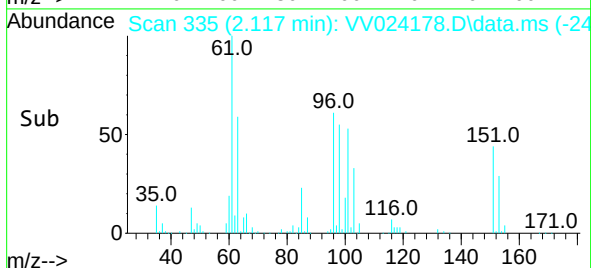
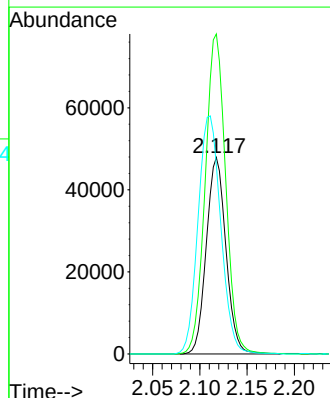
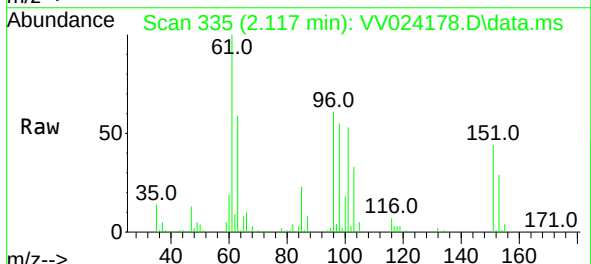
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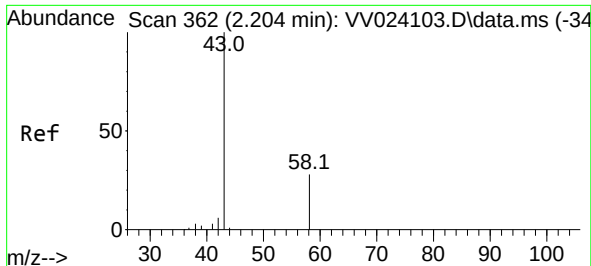
Tgt Ion:101 Resp: 68988
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.0 54.0
 151 82.5 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 4.739 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024178.D
 Acq: 27 Dec 2021 14:07

Tgt Ion: 96 Resp: 69018
 Ion Ratio Lower Upper
 96 100
 61 162.8 116.1 215.5
 63 96.0 79.4 147.4





#13

Acetone

Concen: 32.105 ug/L

RT: 2.198 min Scan# 30

Delta R.T. -0.013 min

Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

Instrument :

MSVOA_V

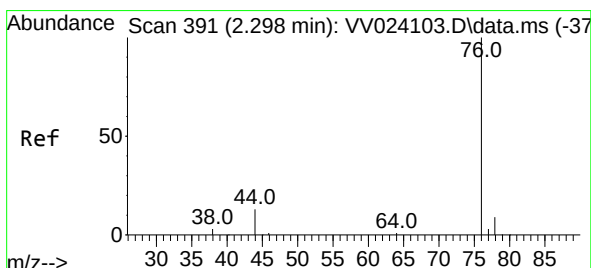
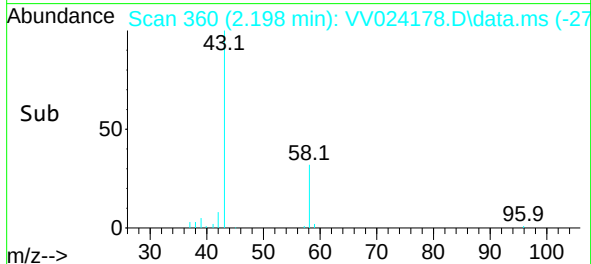
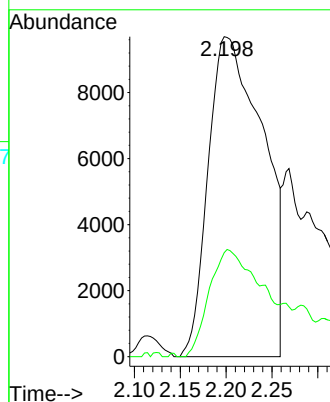
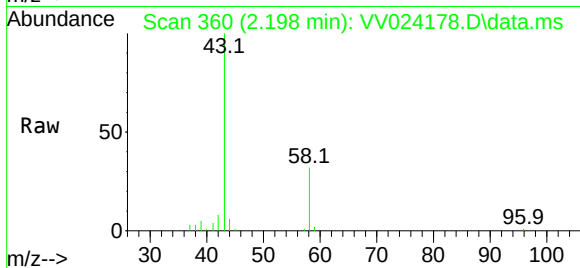
ClientSampleId :

Tgt Ion: 43 Resp: 40376

Ion Ratio Lower Upper

43 100

58 31.2 0.0 41.4



#14

Carbon disulfide

Concen: 4.697 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV024178.D

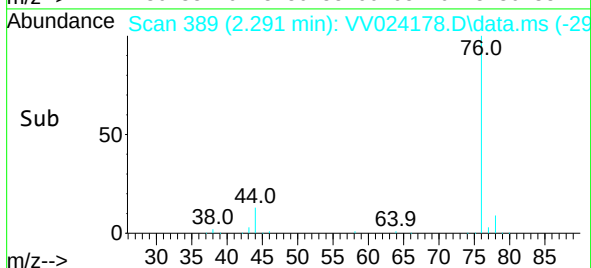
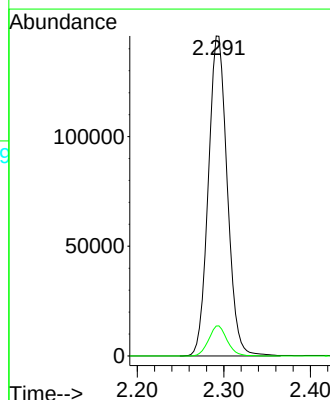
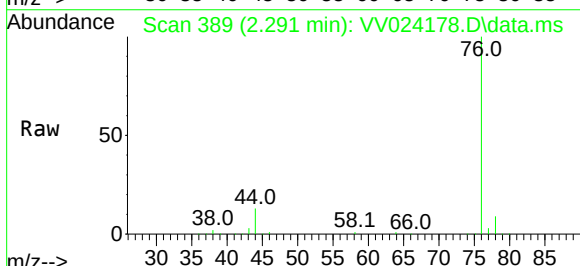
Acq: 27 Dec 2021 14:07

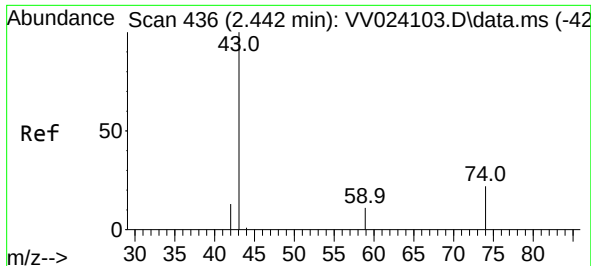
Tgt Ion: 76 Resp: 221017

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 4.660 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.006 min

Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

Instrument :

MSVOA_V

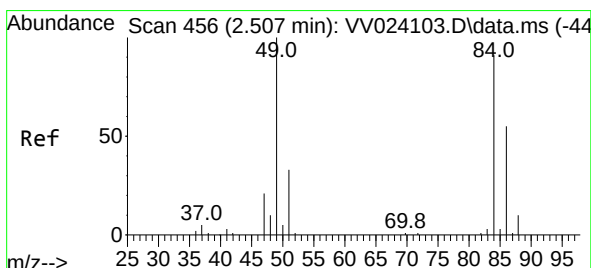
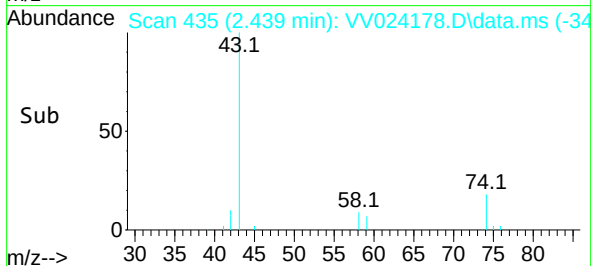
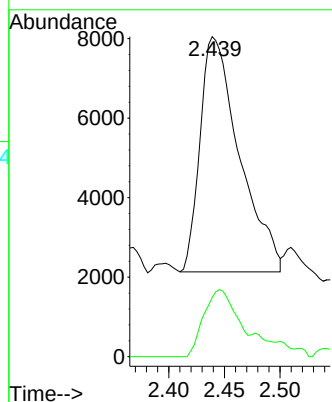
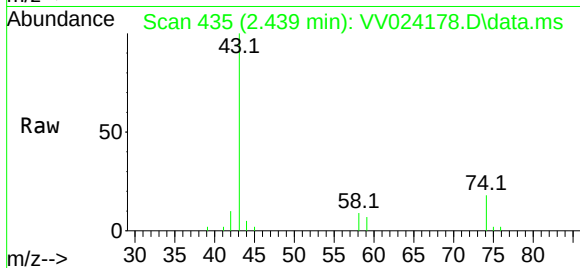
ClientSampleId :

Tgt Ion: 43 Resp: 14553

Ion Ratio Lower Upper

43 100

74 24.4 20.2 30.2



#16

Methylene chloride

Concen: 4.735 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.003 min

Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

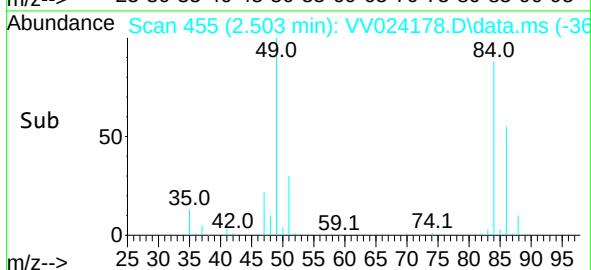
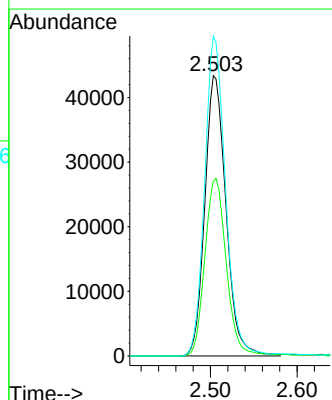
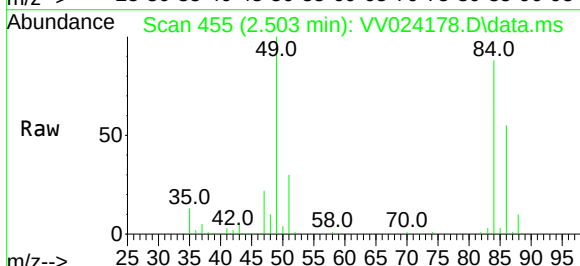
Tgt Ion: 84 Resp: 73702

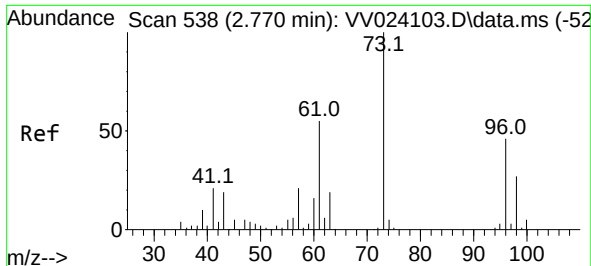
Ion Ratio Lower Upper

84 100

86 62.3 42.6 79.0

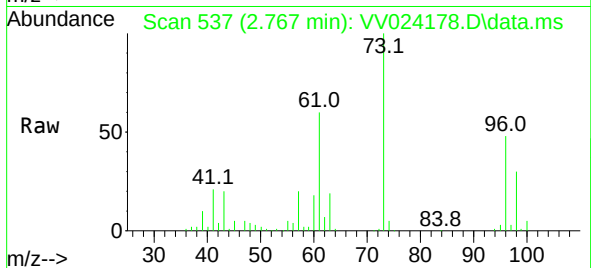
49 114.1 79.7 147.9



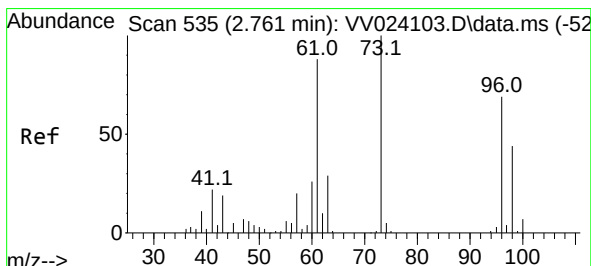
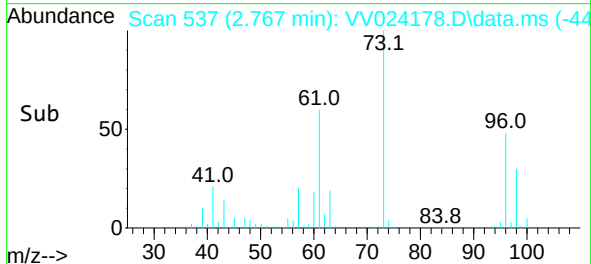
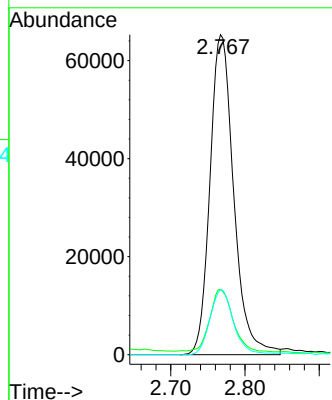


#17
Methyl tert-butyl Ether
Concen: 4.926 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Instrument :
MSVOA_V
ClientSampleId :

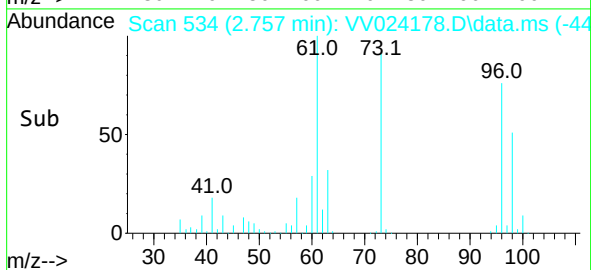
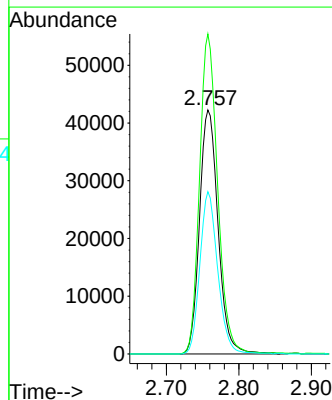
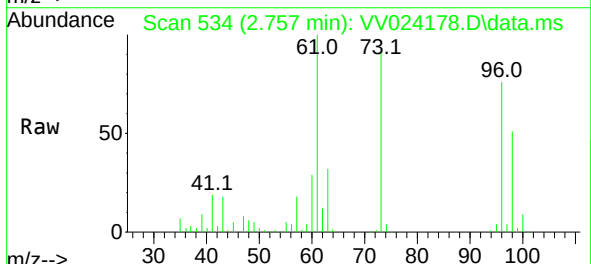


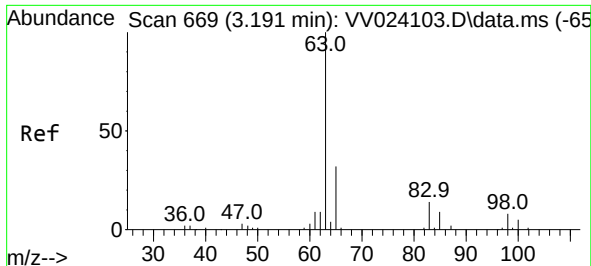
Tgt Ion: 73 Resp: 145053
Ion Ratio Lower Upper
73 100
43 19.1 15.5 23.3
57 20.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.863 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Tgt Ion: 96 Resp: 75211
Ion Ratio Lower Upper
96 100
61 131.1 88.2 163.8
98 66.5 44.9 83.5





#19

1,1-Dichloroethane

Concen: 4.869 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

Instrument :

MSVOA_V

ClientSampleId :

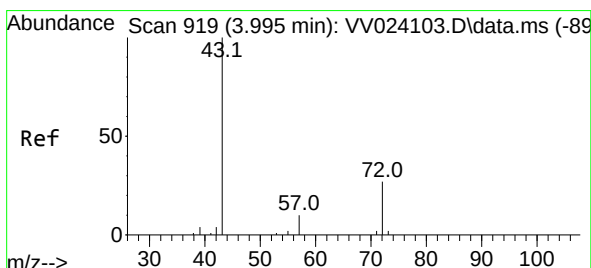
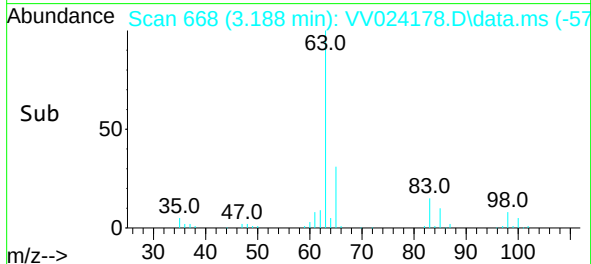
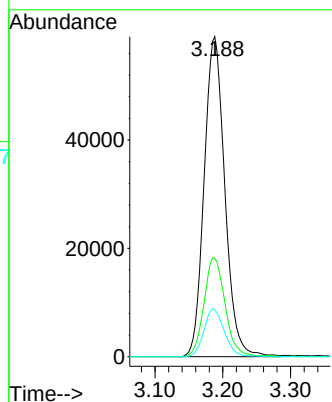
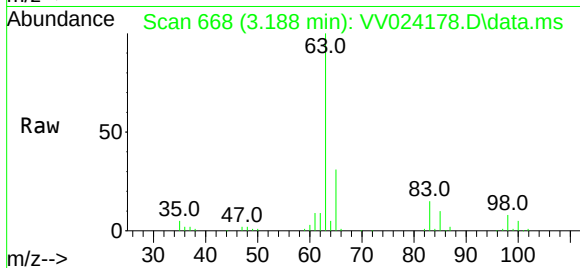
Tgt Ion: 63 Resp: 125344

Ion Ratio Lower Upper

63 100

65 30.9 22.3 41.3

83 14.6 10.7 19.9



#21

2-Butanone

Concen: 47.617 ug/L

RT: 3.992 min Scan# 918

Delta R.T. -0.003 min

Lab File: VV024178.D

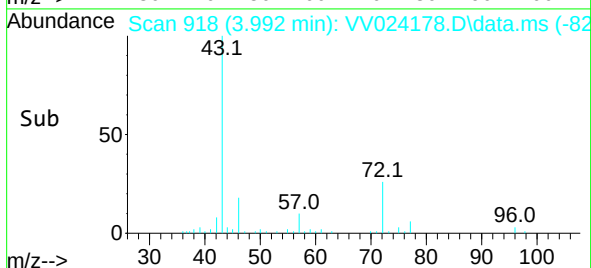
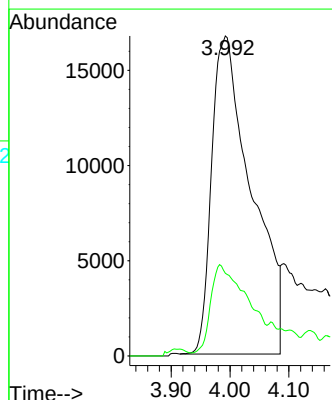
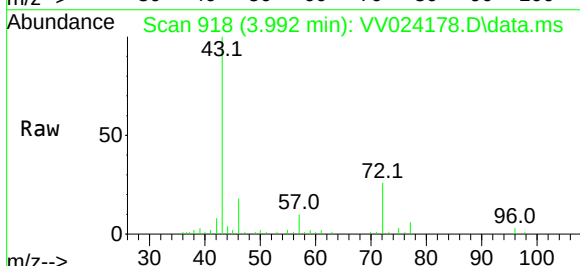
Acq: 27 Dec 2021 14:07

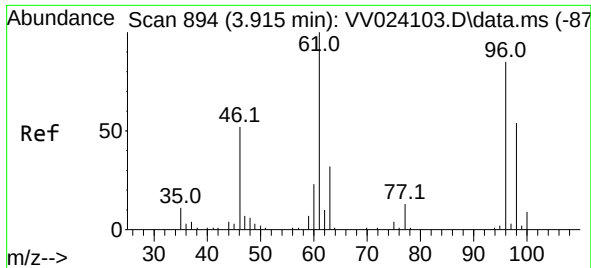
Tgt Ion: 43 Resp: 78791

Ion Ratio Lower Upper

43 100

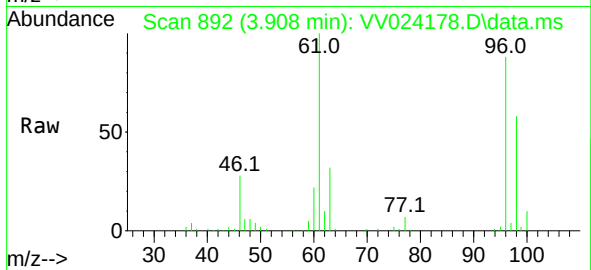
72 25.4 11.1 33.1





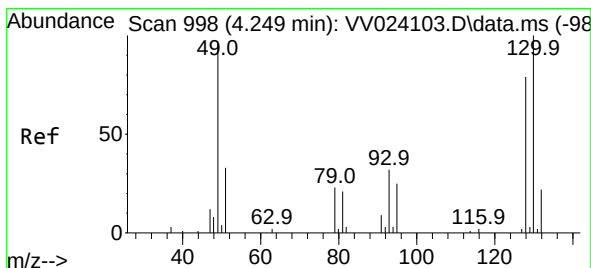
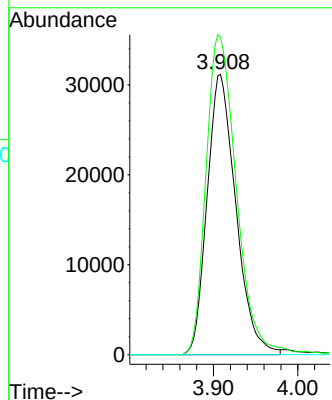
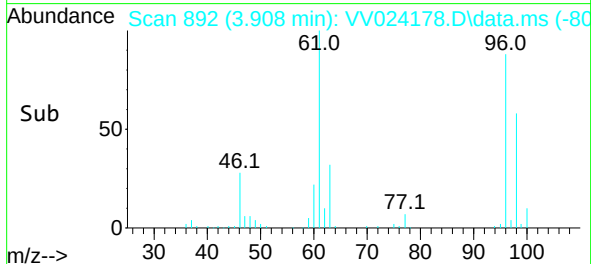
#22
 cis-1,2-Dichloroethene
 Concen: 4.827 ug/L
 RT: 3.908 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV024178.D
 Acq: 27 Dec 2021 14:07

Instrument :
 MSVOA_V
 ClientSampleId :

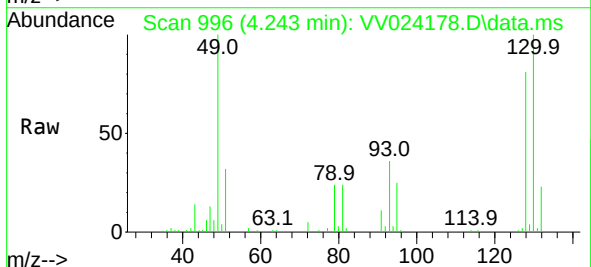


Tgt Ion: 96 Resp: 73883

Ion	Ratio	Lower	Upper
96	100		
61	113.2	83.4	154.8
68	0.0	0.0	0.0

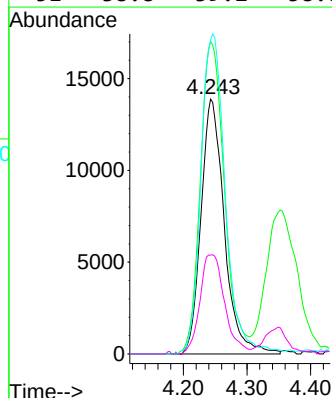
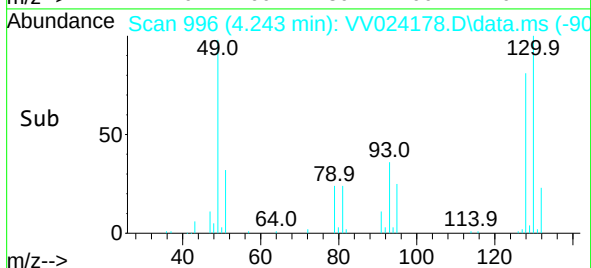


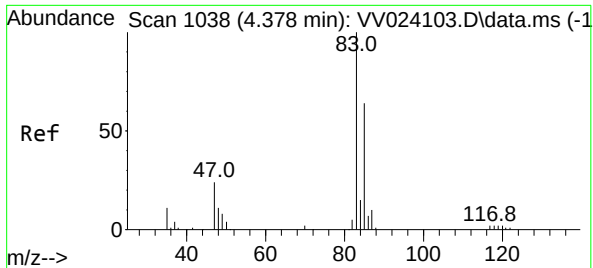
#23
 Bromochloromethane
 Concen: 4.828 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VV024178.D
 Acq: 27 Dec 2021 14:07



Tgt Ion: 128 Resp: 35311

Ion	Ratio	Lower	Upper
128	100		
49	122.6	100.2	186.2
130	123.1	92.5	171.7
51	38.8	39.2	58.8

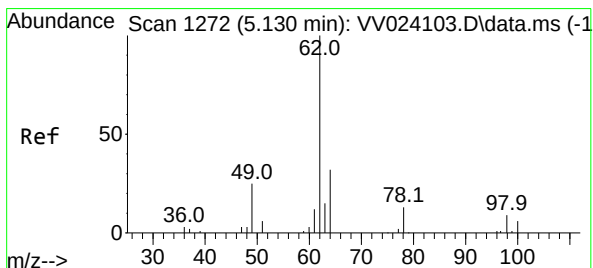
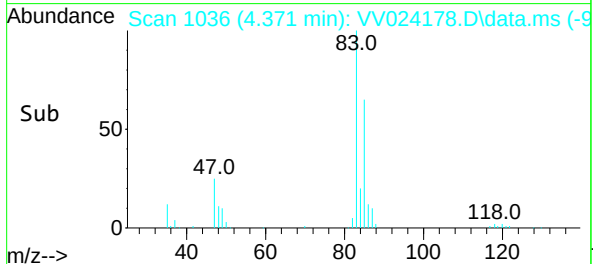
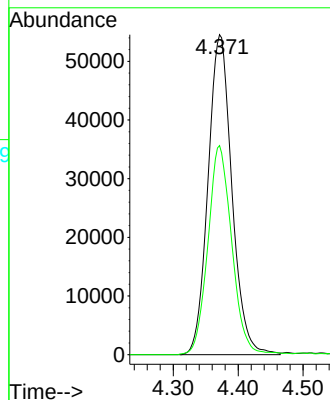
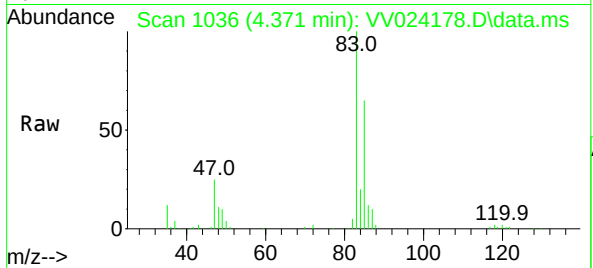




#25
Chloroform
Concen: 4.835 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

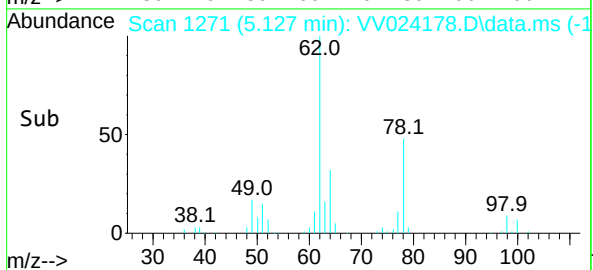
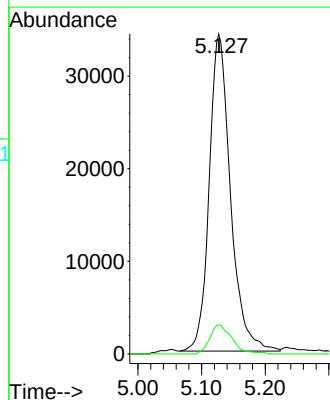
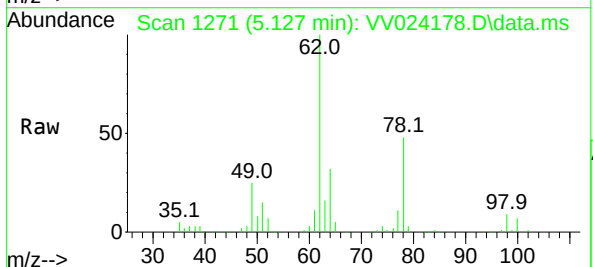
Instrument :
MSVOA_V
ClientSampleId :

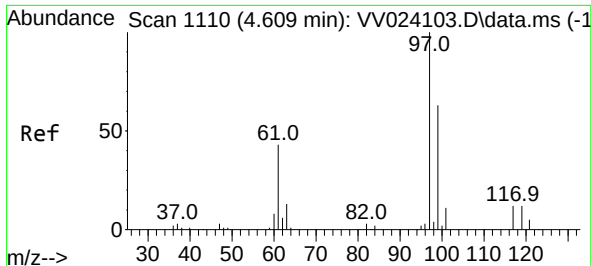
Tgt Ion: 83 Resp: 139080
Ion Ratio Lower Upper
83 100
85 65.4 45.2 84.0



#27
1,2-Dichloroethane
Concen: 4.943 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Tgt Ion: 62 Resp: 79599
Ion Ratio Lower Upper
62 100
98 9.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 4.815 ug/L

RT: 4.603 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

Instrument :

MSVOA_V

ClientSampleId :

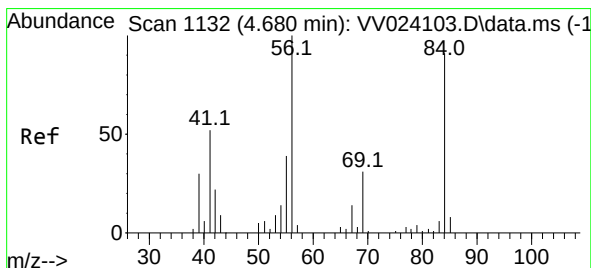
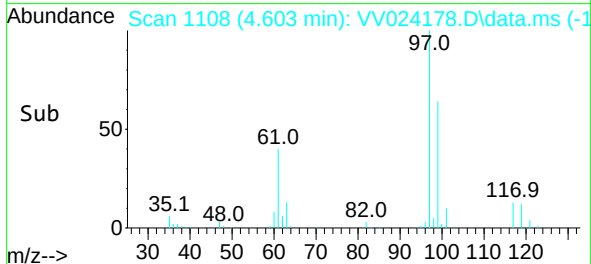
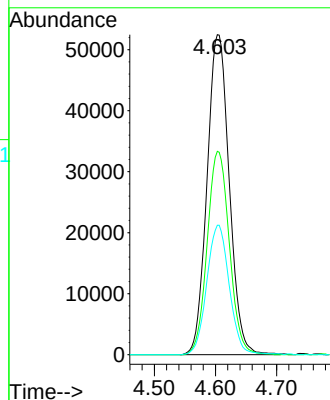
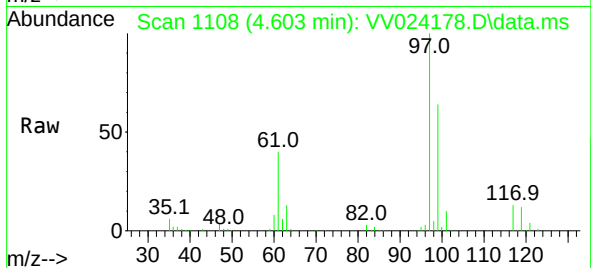
Tgt Ion: 97 Resp: 132528

Ion Ratio Lower Upper

97 100

99 63.3 51.9 77.9

61 40.9 33.2 49.8



#30

Cyclohexane

Concen: 4.762 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

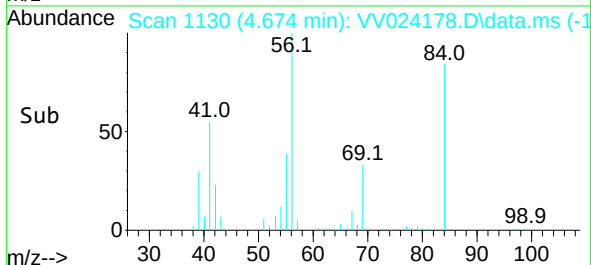
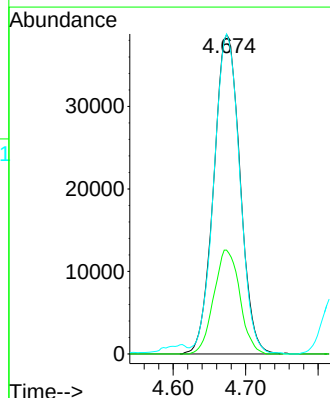
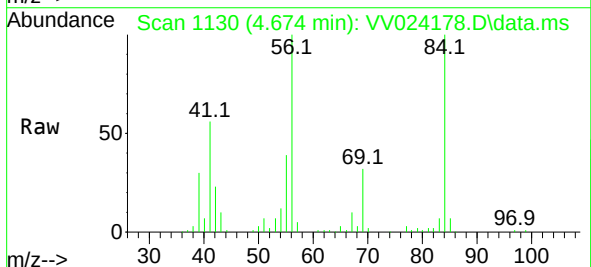
Tgt Ion: 56 Resp: 97503

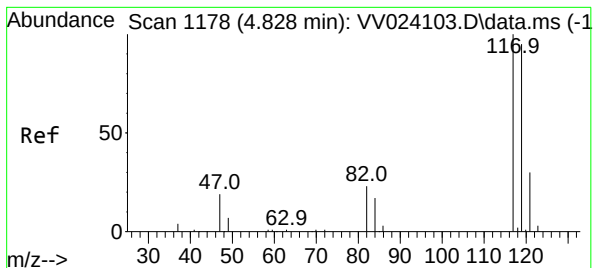
Ion Ratio Lower Upper

56 100

69 32.2 24.8 37.2

84 98.9 75.9 113.9





#31

Carbon tetrachloride

Concen: 4.726 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. -0.003 min

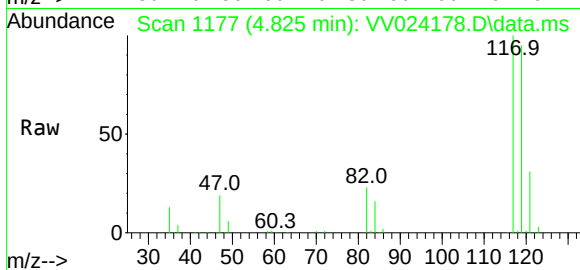
Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

Instrument :

MSVOA_V

ClientSampleId :

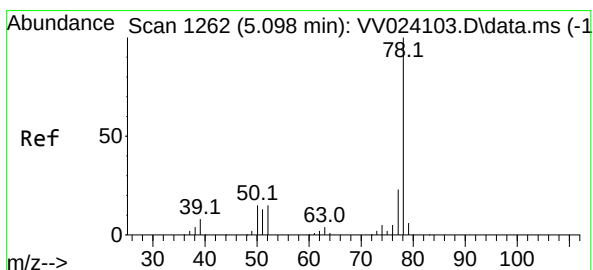
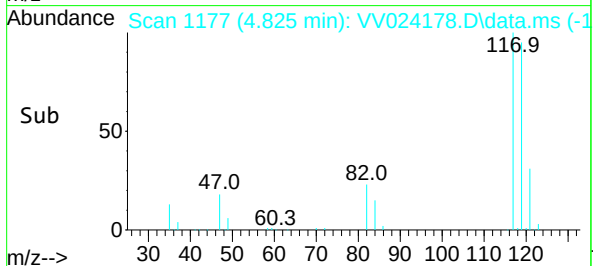
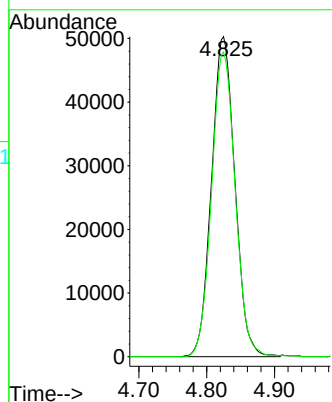


Tgt Ion:117 Resp: 120657

Ion Ratio Lower Upper

117 100

119 96.0 76.6 114.8



#33

Benzene

Concen: 5.005 ug/L

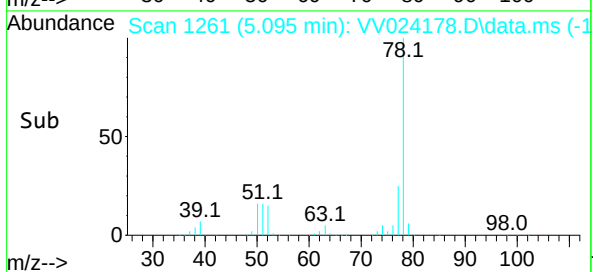
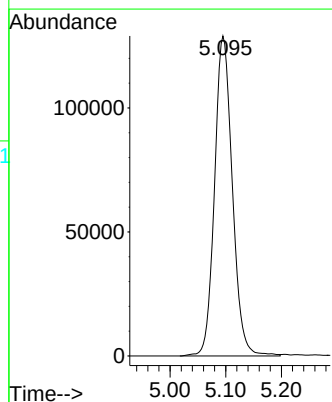
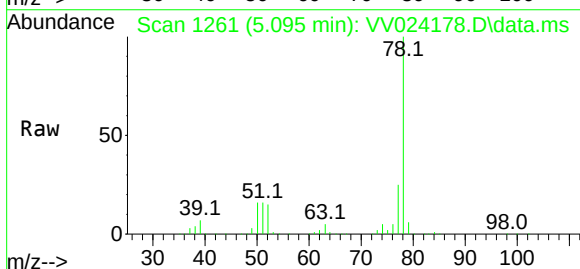
RT: 5.095 min Scan# 1261

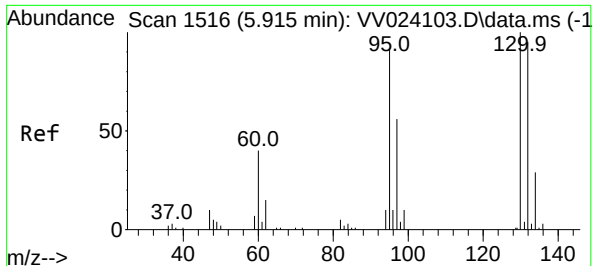
Delta R.T. -0.003 min

Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

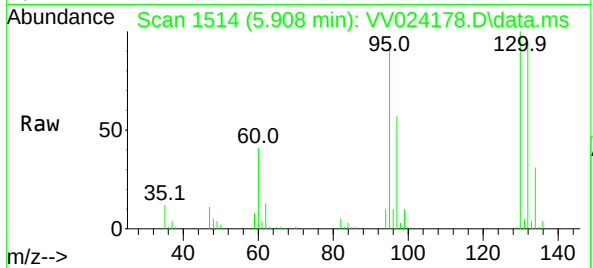
Tgt Ion: 78 Resp: 286621



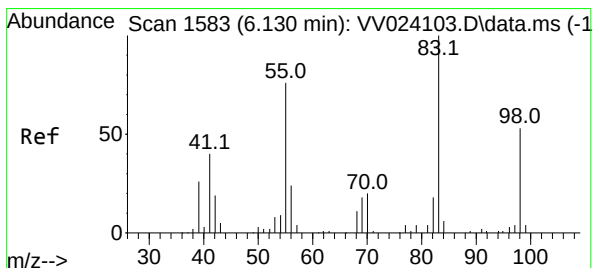
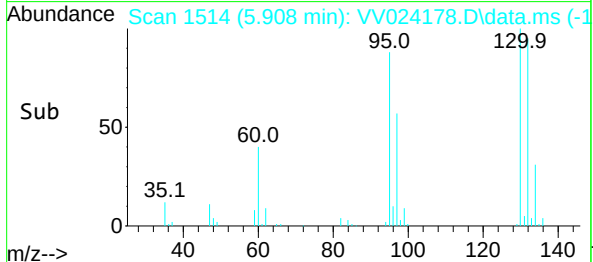
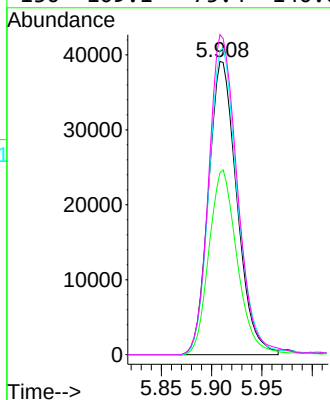


#34
Trichloroethene
Concen: 4.749 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Instrument :
MSVOA_V
ClientSampleId :

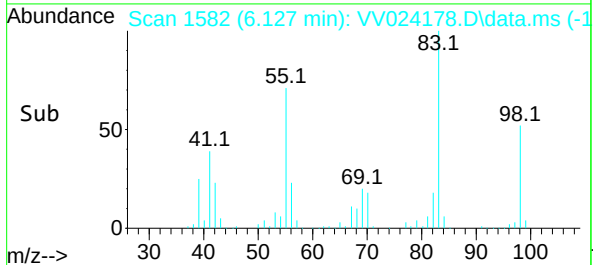
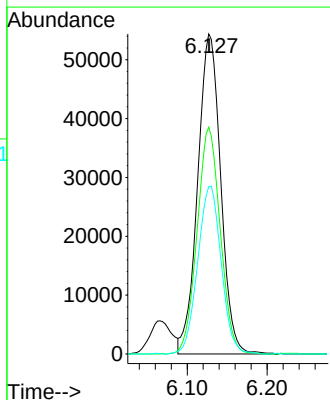
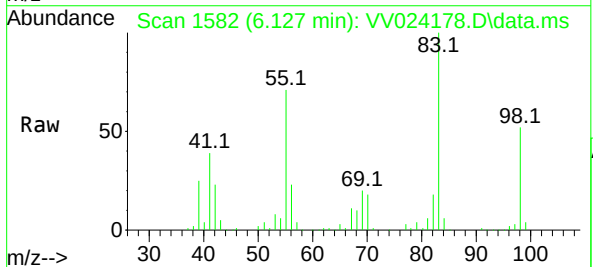


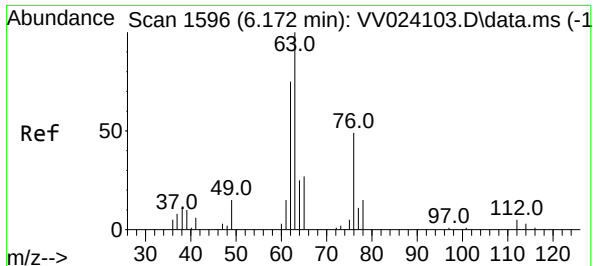
Tgt Ion: 95 Resp: 76735
Ion Ratio Lower Upper
95 100
97 62.0 45.2 84.0
132 103.7 76.1 141.3
130 109.1 75.4 140.0



#35
Methylcyclohexane
Concen: 4.659 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Tgt Ion: 83 Resp: 109016
Ion Ratio Lower Upper
83 100
55 71.1 60.2 90.2
98 53.4 41.0 61.4





#37

1,2-Dichloropropane

Concen: 4.728 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

Instrument :

MSVOA_V

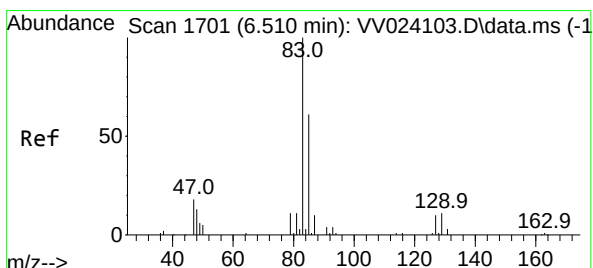
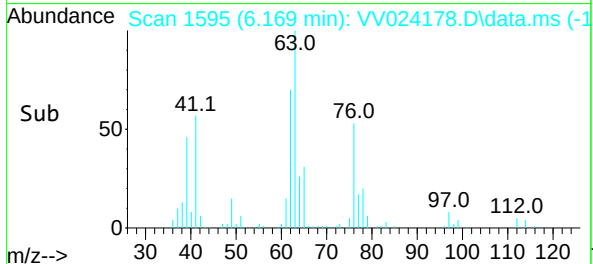
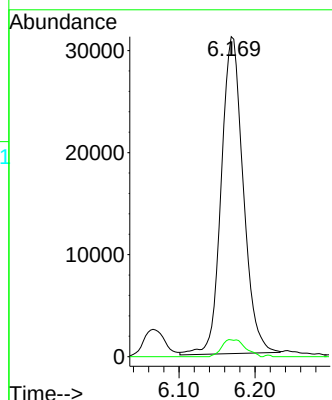
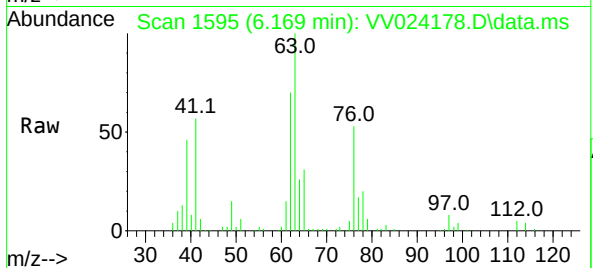
ClientSampleId :

Tgt Ion: 63 Resp: 62421

Ion Ratio Lower Upper

63 100

112 5.7 4.3 6.5



#38

Bromodichloromethane

Concen: 5.022 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

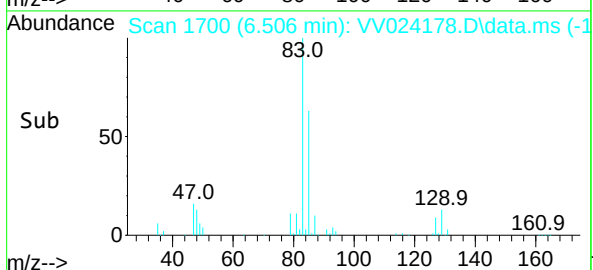
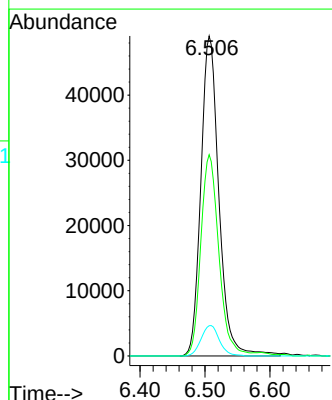
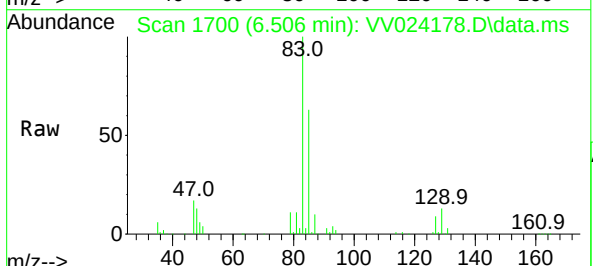
Tgt Ion: 83 Resp: 95009

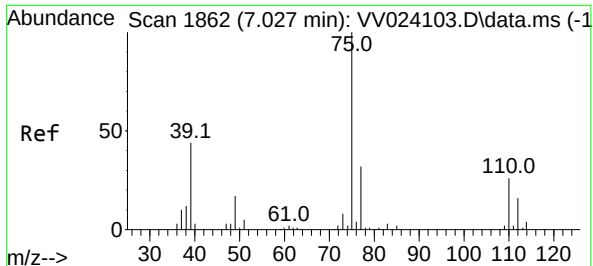
Ion Ratio Lower Upper

83 100

85 62.9 44.0 81.8

127 9.4 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.941 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

Instrument :

MSVOA_V

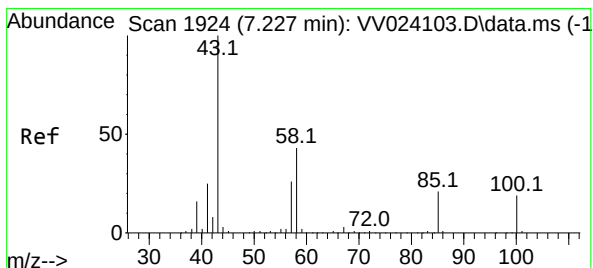
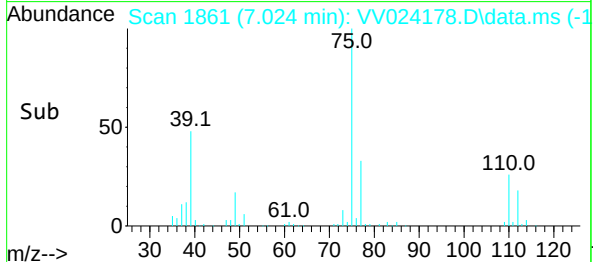
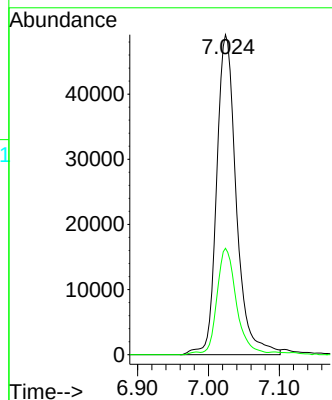
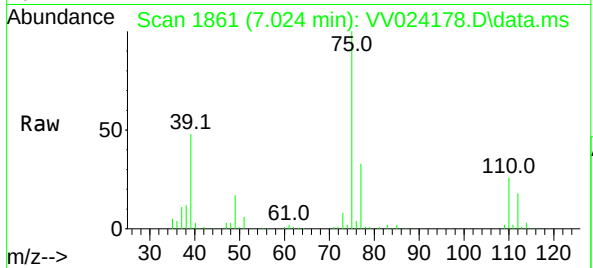
ClientSampleId :

Tgt Ion: 75 Resp: 94562

Ion Ratio Lower Upper

75 100

77 33.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 52.294 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

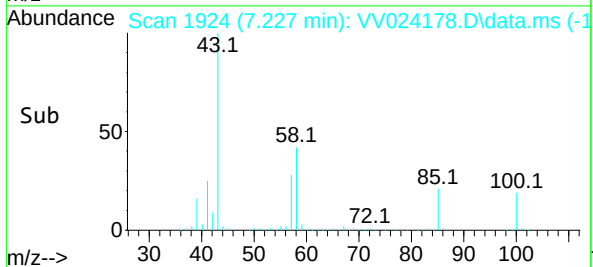
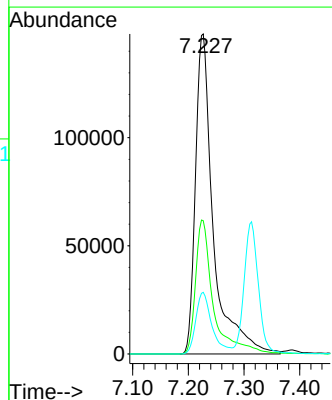
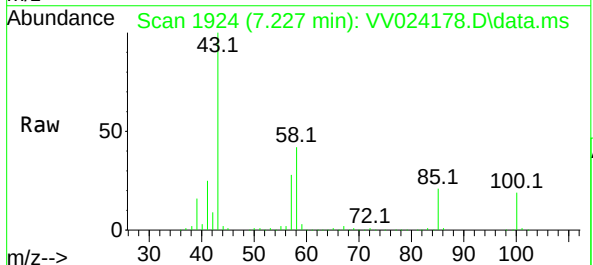
Tgt Ion: 43 Resp: 330014

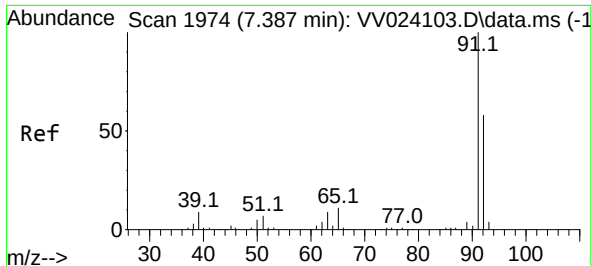
Ion Ratio Lower Upper

43 100

58 41.9 32.3 48.5

100 17.5 13.0 19.6

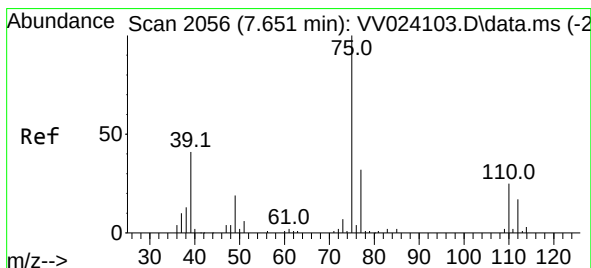
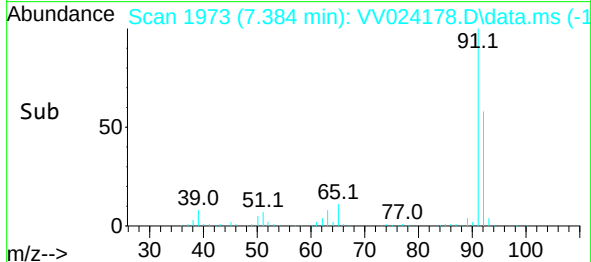
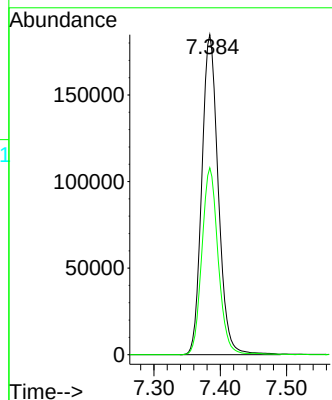
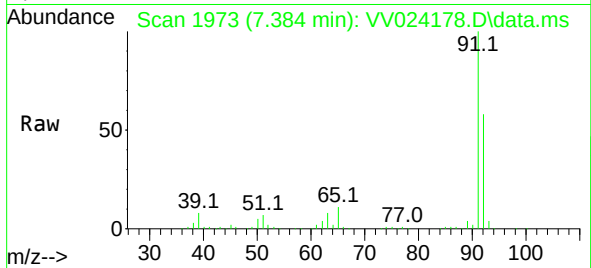




#42
Toluene
Concen: 4.975 ug/L
RT: 7.384 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

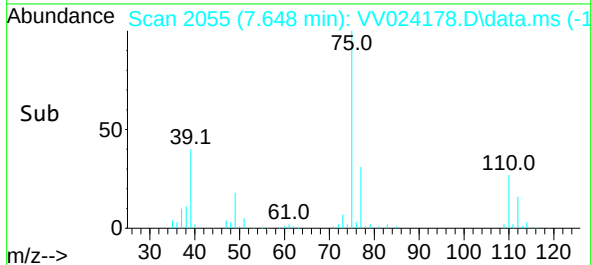
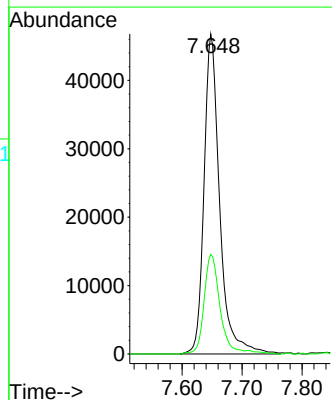
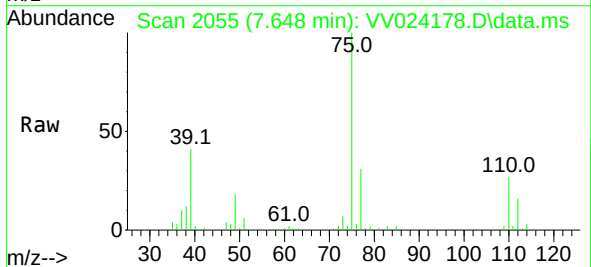
Instrument :
MSVOA_V
ClientSampleId :

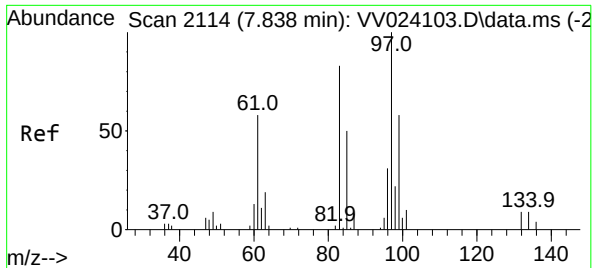
Tgt Ion: 91 Resp: 317895
Ion Ratio Lower Upper
91 100
92 58.4 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 5.194 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

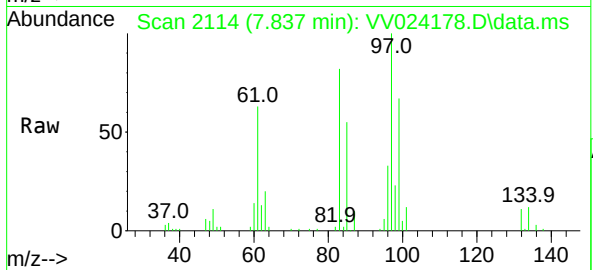
Tgt Ion: 75 Resp: 84902
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.4



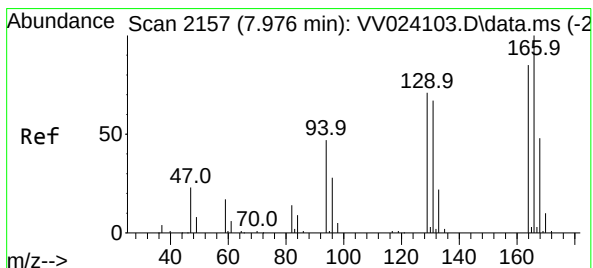
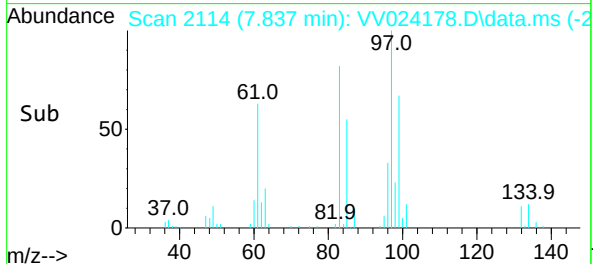
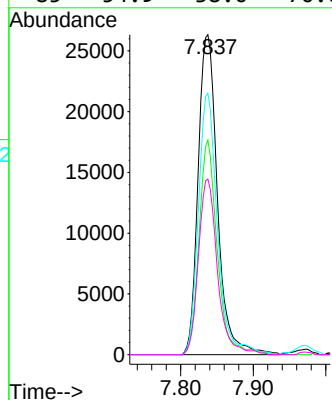


#45
1,1,2-Trichloroethane
Concen: 4.994 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Instrument :
MSVOA_V
ClientSampleId :

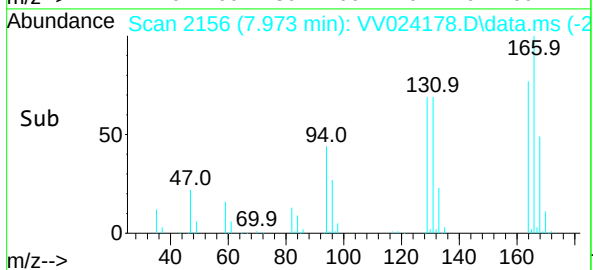
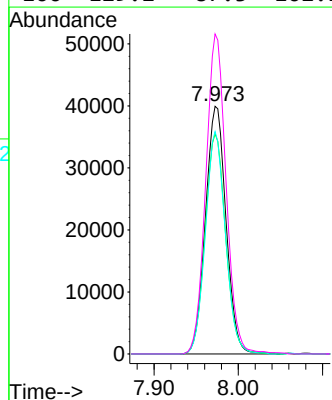
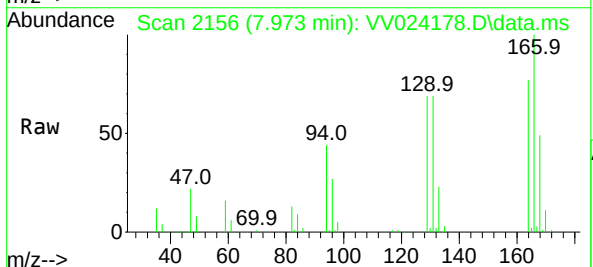


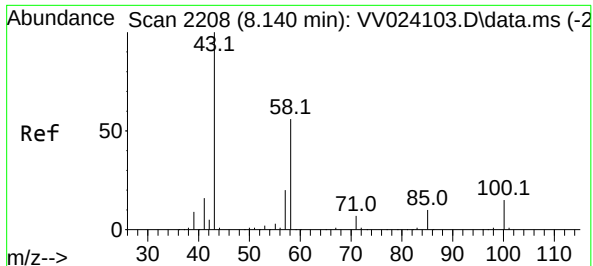
Tgt Ion:	97	Resp:	48878
Ion	Ratio	Lower	Upper
97	100		
99	67.0	43.1	80.1
83	81.7	57.9	107.5
85	54.9	38.0	70.6



#47
Tetrachloroethene
Concen: 4.722 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Tgt Ion:	164	Resp:	67892
Ion	Ratio	Lower	Upper
164	100		
129	88.9	62.6	116.2
131	89.8	61.0	113.4
166	129.2	87.3	162.1

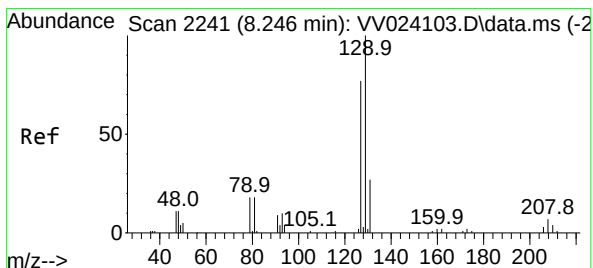
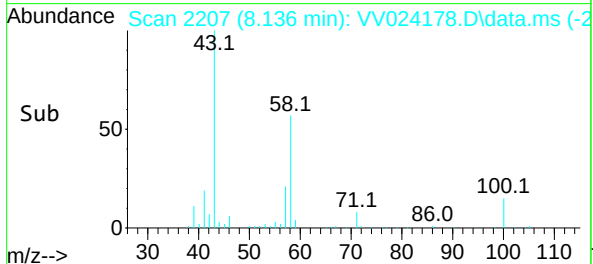
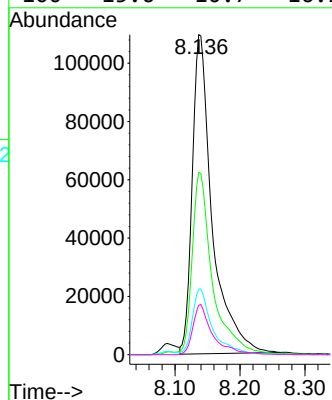
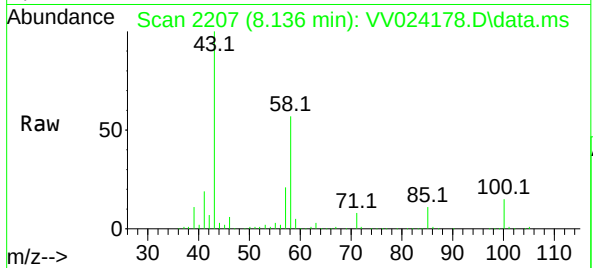




#48
2-Hexanone
Concen: 50.715 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

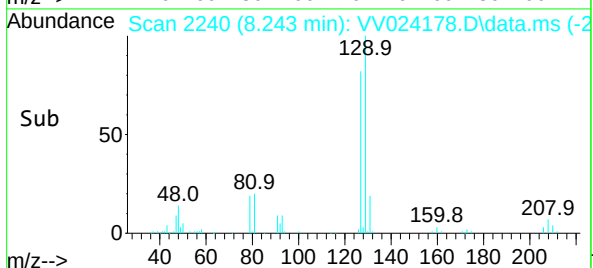
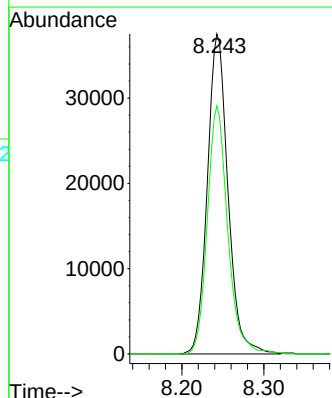
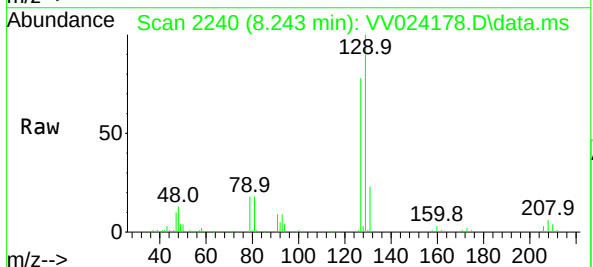
Instrument :
MSVOA_V
ClientSampleId :

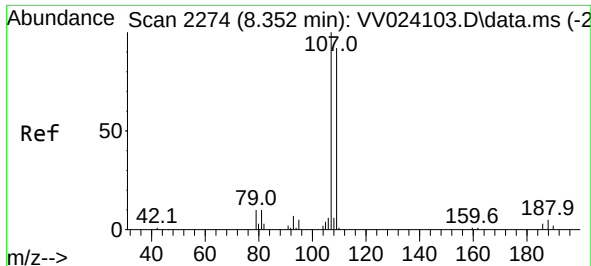
Tgt Ion: 43 Resp: 234238
Ion Ratio Lower Upper
43 100
58 57.1 44.5 66.7
57 20.0 15.1 22.7
100 15.6 10.7 16.1



#49
Dibromochloromethane
Concen: 4.965 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Tgt Ion: 129 Resp: 65377
Ion Ratio Lower Upper
129 100
127 77.5 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.997 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024178.D

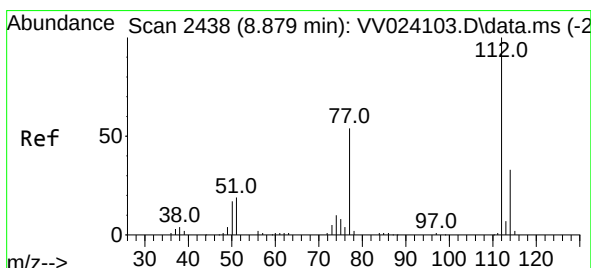
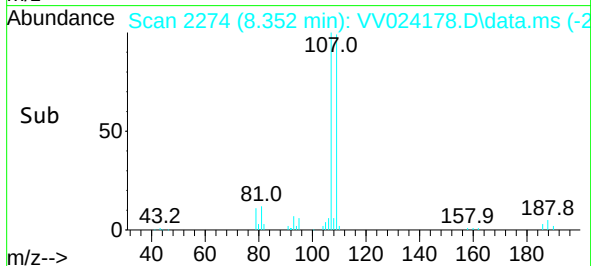
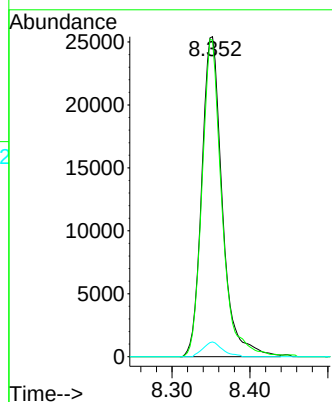
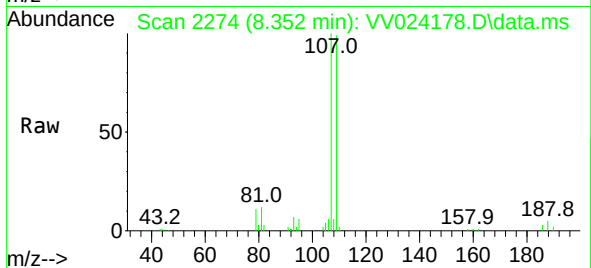
Acq: 27 Dec 2021 14:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	46476
Ion Ratio	Lower	Upper
107	100	
109	98.9	62.5 116.1
188	4.6	3.4 5.2



#51

Chlorobenzene

Concen: 4.782 ug/L

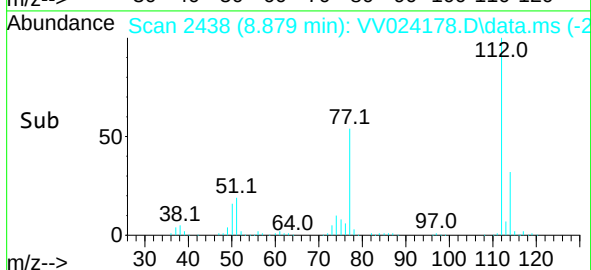
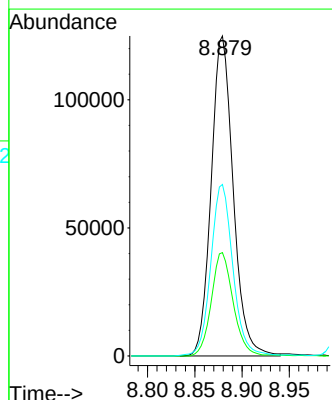
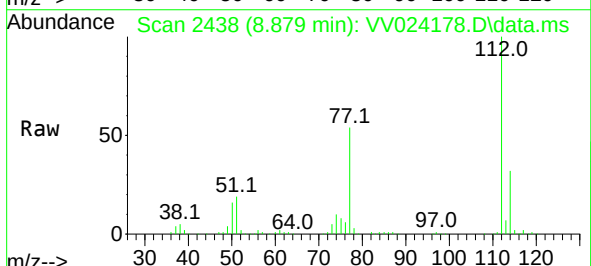
RT: 8.879 min Scan# 2438

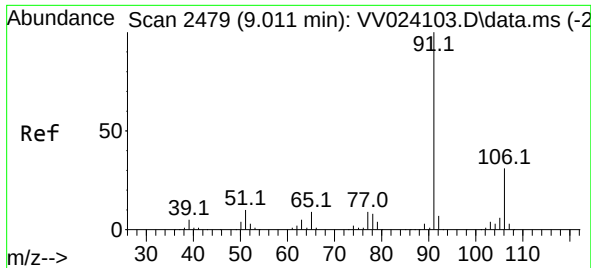
Delta R.T. -0.000 min

Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

Tgt Ion:112	Resp:	202479
Ion Ratio	Lower	Upper
112	100	
114	32.3	23.3 43.3
77	53.6	43.3 64.9

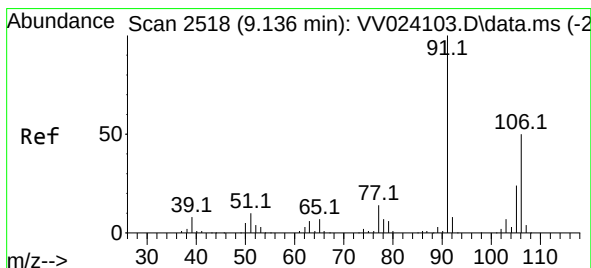
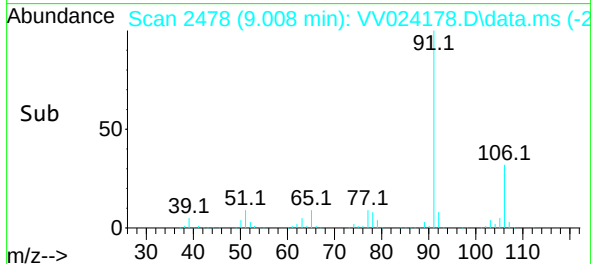
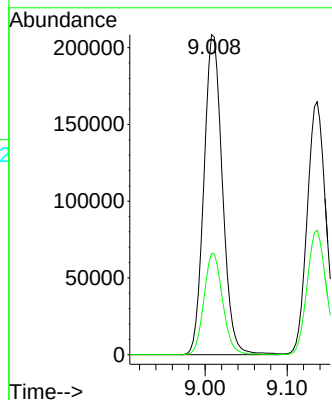
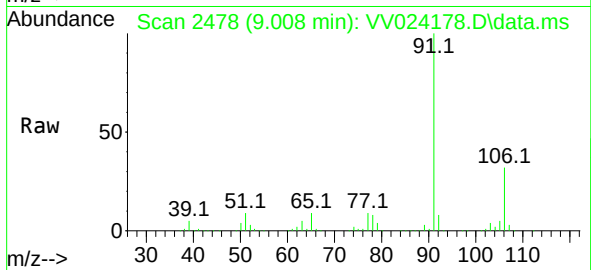




#52
Ethylbenzene
Concen: 4.810 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

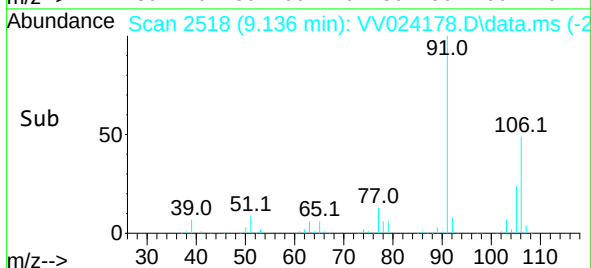
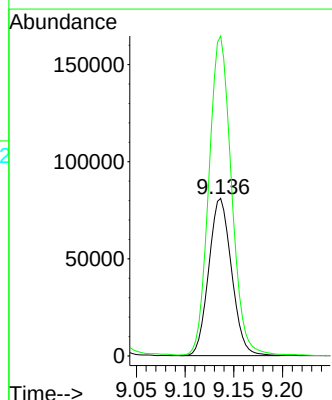
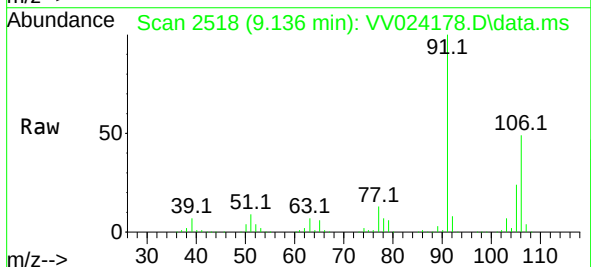
Instrument :
MSVOA_V
ClientSampleId :

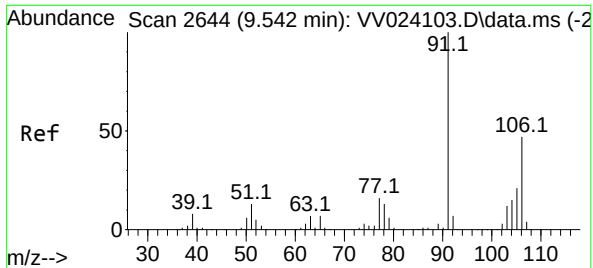
Tgt Ion: 91 Resp: 326819
Ion Ratio Lower Upper
91 100
106 31.7 22.0 41.0



#53
m,p-xylene
Concen: 4.896 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Tgt Ion: 106 Resp: 131951
Ion Ratio Lower Upper
106 100
91 203.1 139.5 259.1

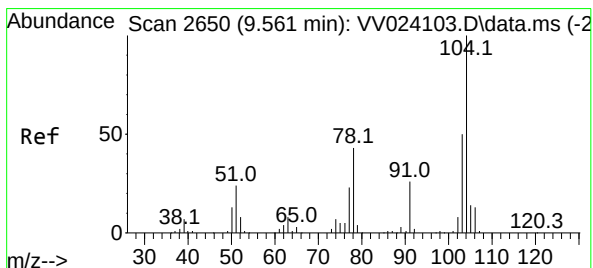
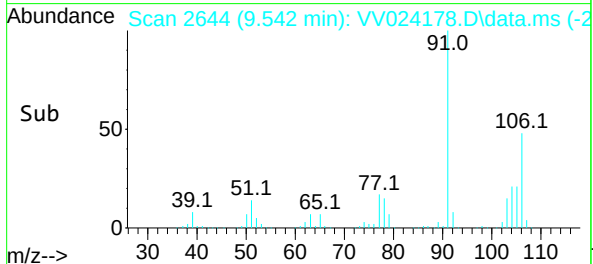
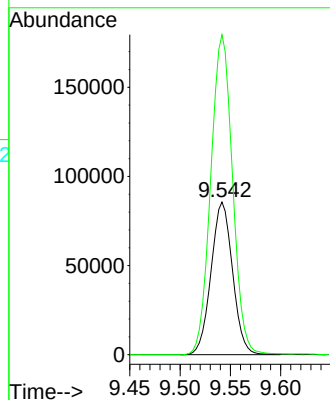
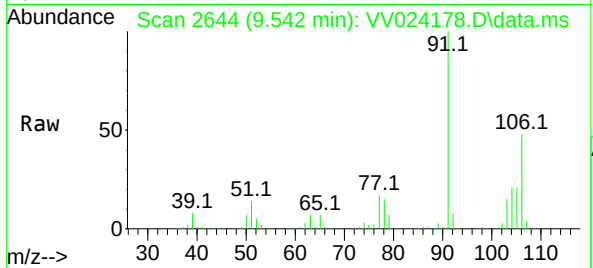




#54
o-xylene
Concen: 4.935 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

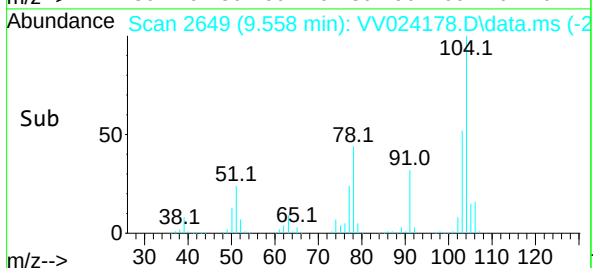
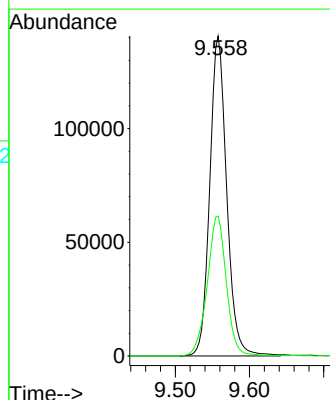
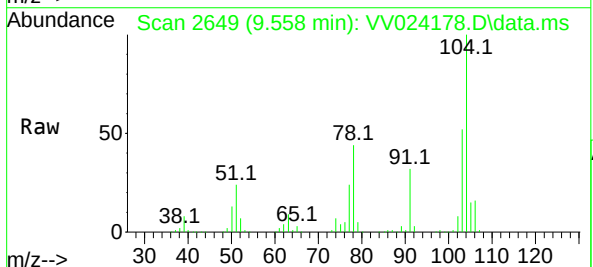
Instrument :
MSVOA_V
ClientSampleId :

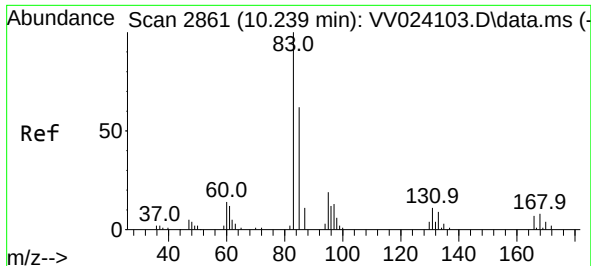
Tgt Ion:106 Resp: 127350
Ion Ratio Lower Upper
106 100
91 209.6 147.9 274.7



#55
Styrene
Concen: 5.122 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Tgt Ion:104 Resp: 222658
Ion Ratio Lower Upper
104 100
78 43.7 31.0 57.6

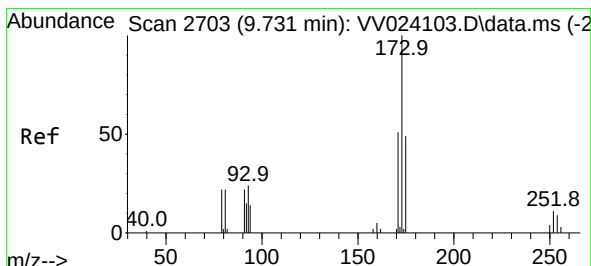
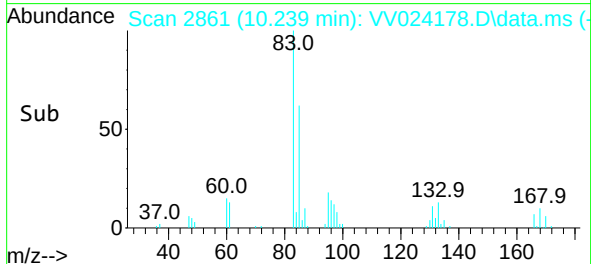
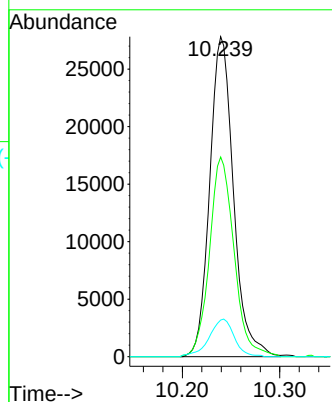
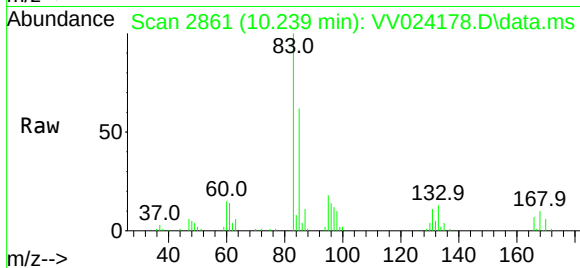




#57
1,1,2,2-Tetrachloroethane
Concen: 4.965 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

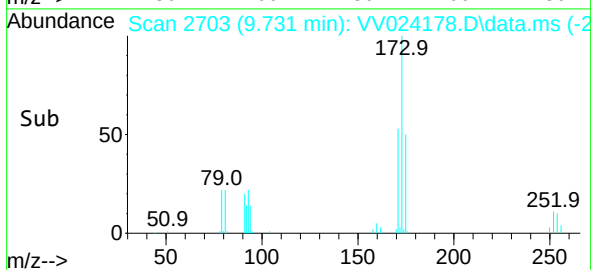
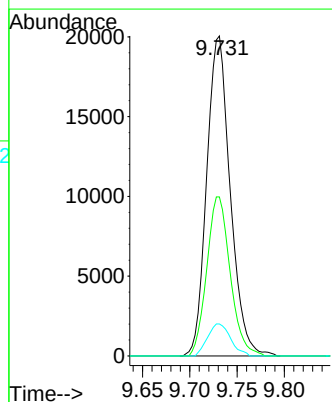
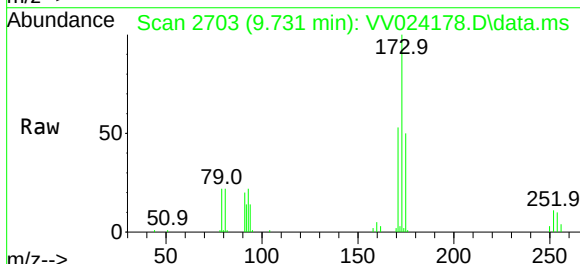
Instrument :
MSVOA_V
ClientSampleId :

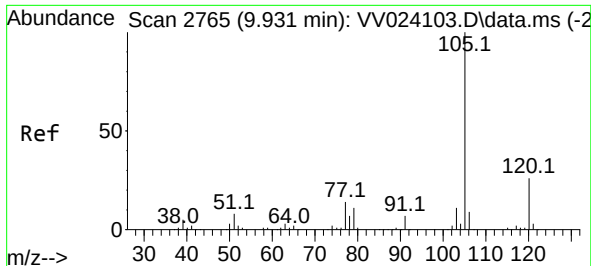
Tgt Ion: 83 Resp: 47097
Ion Ratio Lower Upper
83 100
85 62.4 44.6 82.8
131 11.5 8.3 12.5



#59
Bromoform
Concen: 4.858 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Tgt Ion: 173 Resp: 34678
Ion Ratio Lower Upper
173 100
175 49.5 39.4 59.2
254 9.8 7.4 11.0

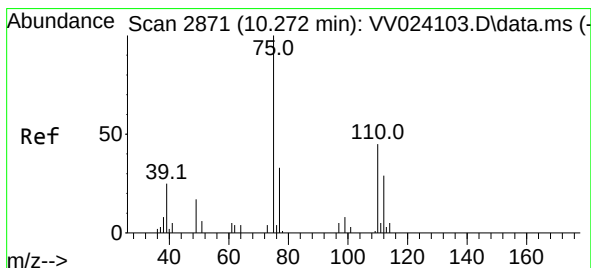
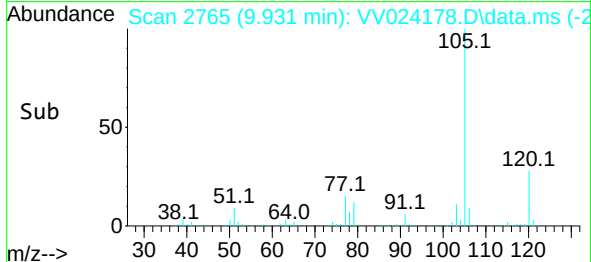
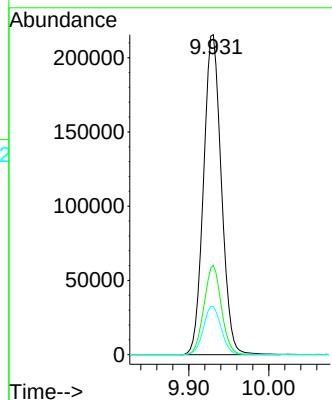
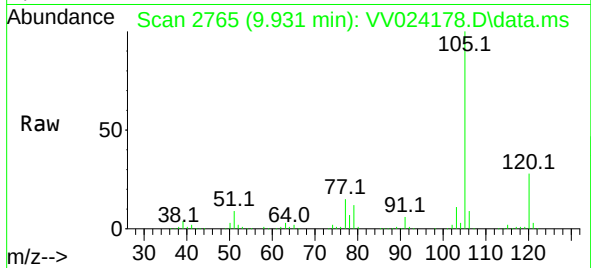




#60
Isopropylbenzene
Concen: 4.768 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

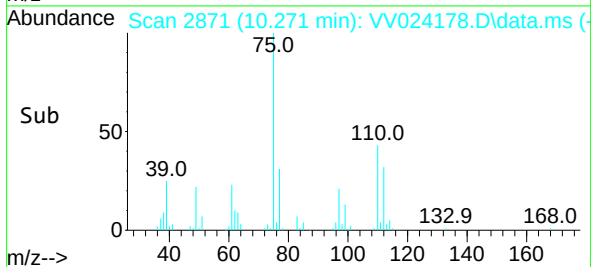
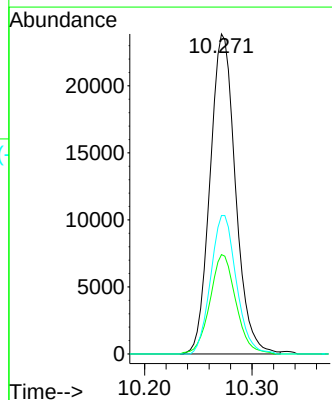
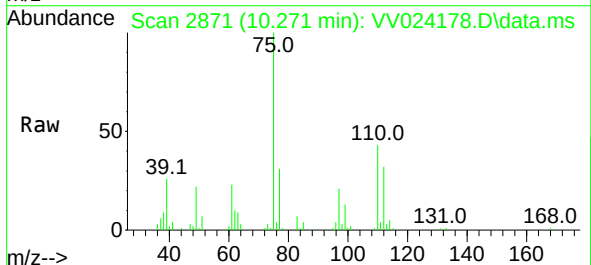
Instrument :
MSVOA_V
ClientSampleId :

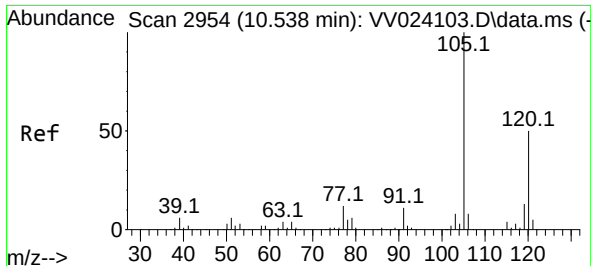
Tgt Ion:105 Resp: 333837
Ion Ratio Lower Upper
105 100
120 27.4 21.4 32.0
77 15.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.005 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Tgt Ion: 75 Resp: 39221
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
110 43.6 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 4.810 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024178.D

Acq: 27 Dec 2021 14:07

Instrument :

MSVOA_V

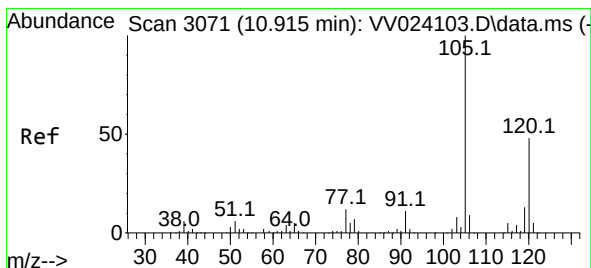
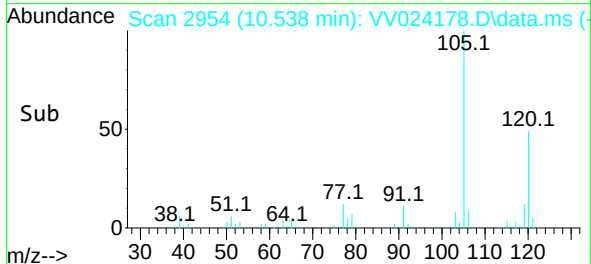
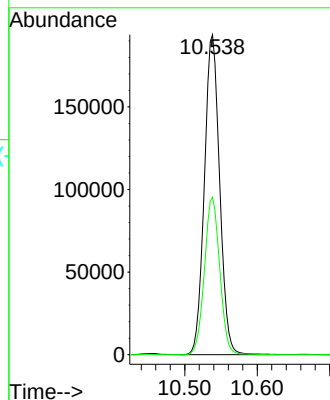
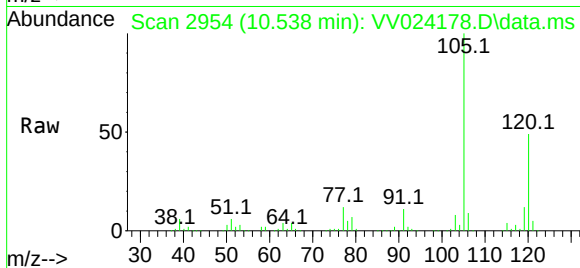
ClientSampleId :

Tgt Ion:105 Resp: 283991

Ion Ratio Lower Upper

105 100

120 49.3 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.928 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV024178.D

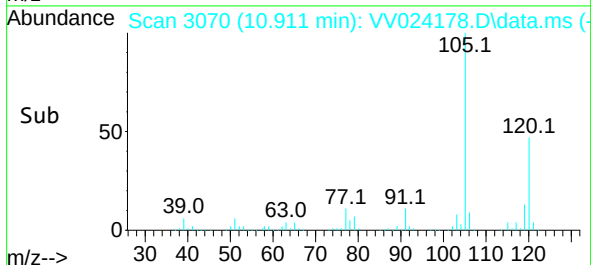
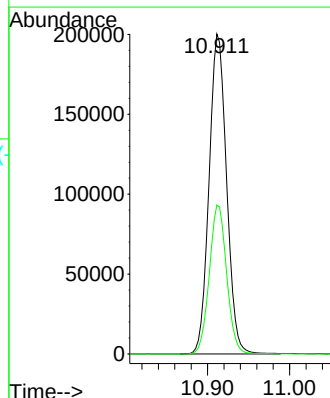
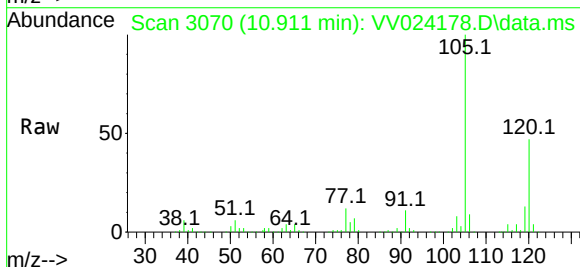
Acq: 27 Dec 2021 14:07

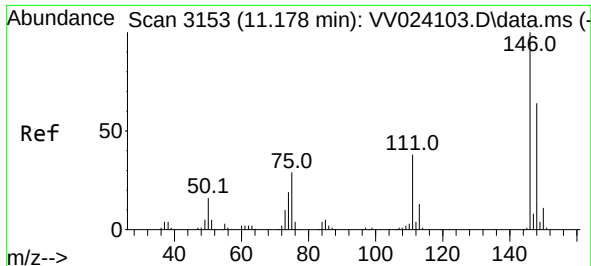
Tgt Ion:105 Resp: 296564

Ion Ratio Lower Upper

105 100

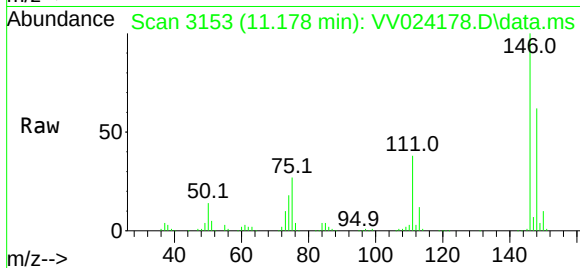
120 46.2 36.7 55.1



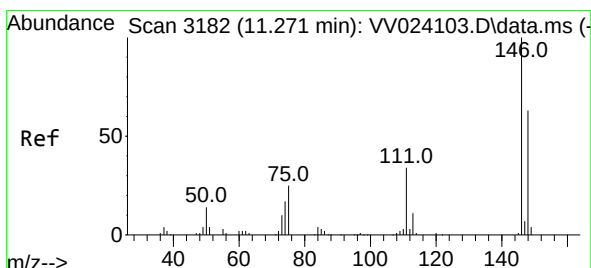
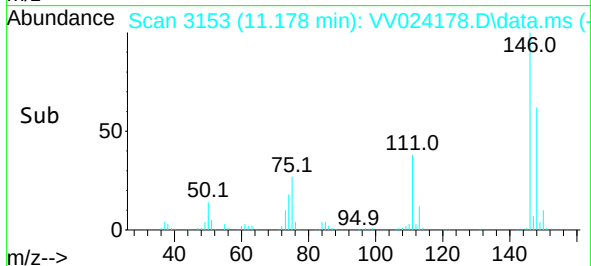
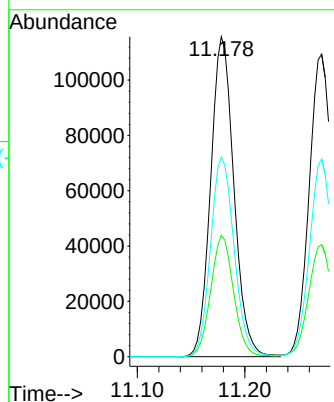


#64
1,3-Dichlorobenzene
Concen: 4.794 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Instrument :
MSVOA_V
ClientSampleId :

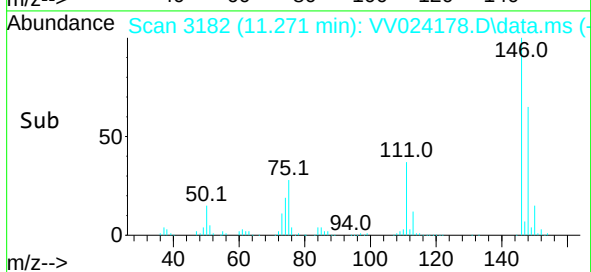
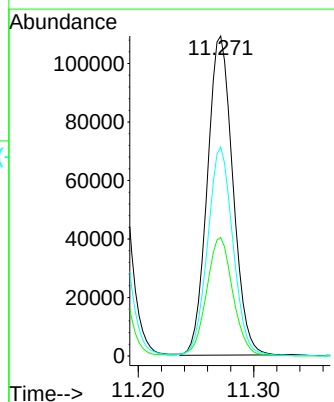
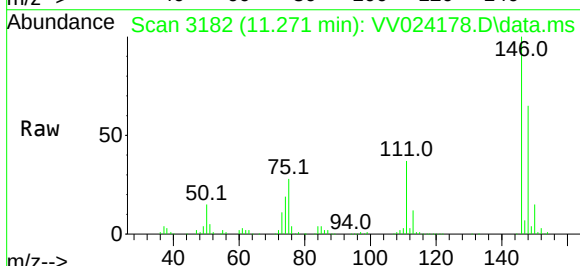


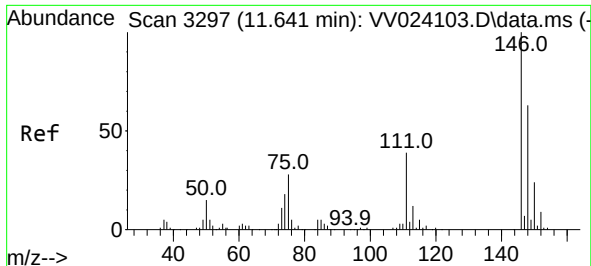
Tgt Ion:146 Resp: 173928
Ion Ratio Lower Upper
146 100
111 38.0 26.3 48.9
148 62.4 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 4.668 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

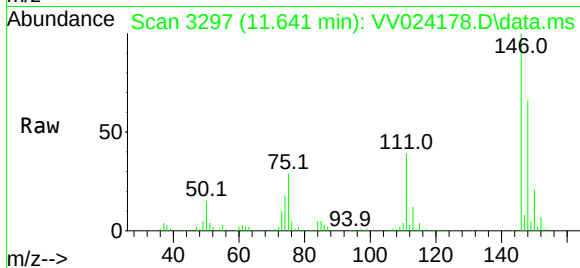
Tgt Ion:146 Resp: 167829
Ion Ratio Lower Upper
146 100
111 37.0 25.6 47.6
148 65.3 44.8 83.2



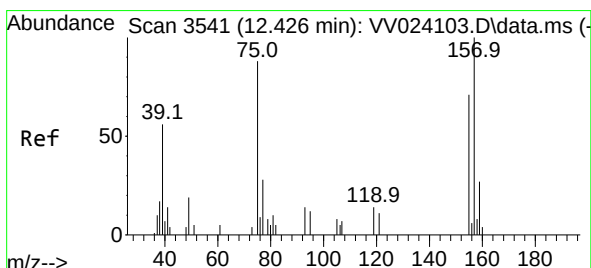
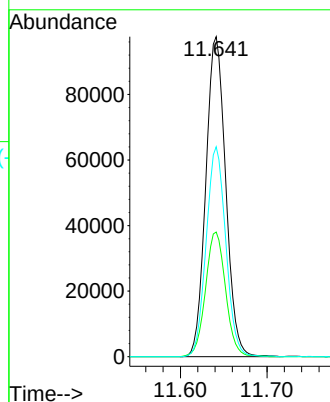
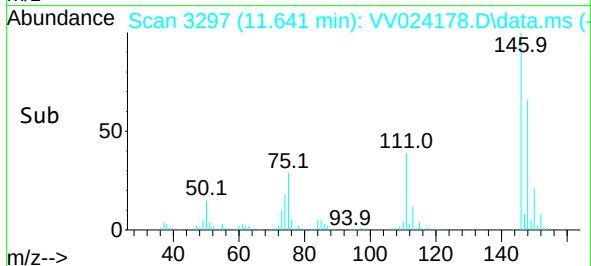


#67
1,2-Dichlorobenzene
Concen: 4.734 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

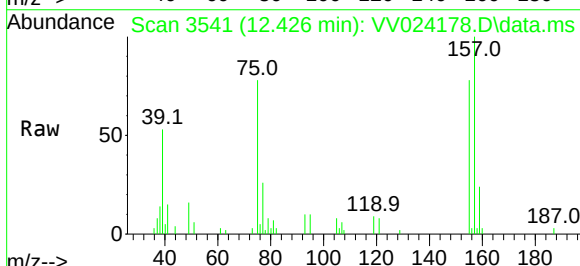
Instrument :
MSVOA_V
ClientSampleId :



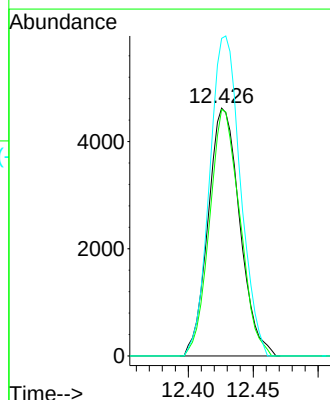
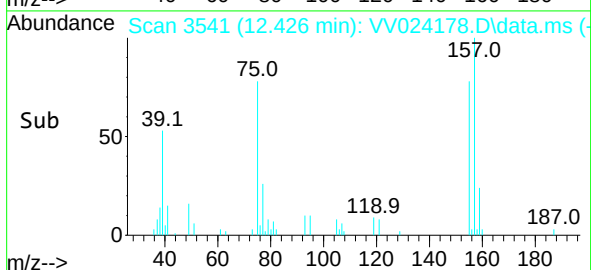
Tgt Ion:146 Resp: 155469
Ion Ratio Lower Upper
146 100
111 39.0 31.9 47.9
148 65.6 50.5 75.7

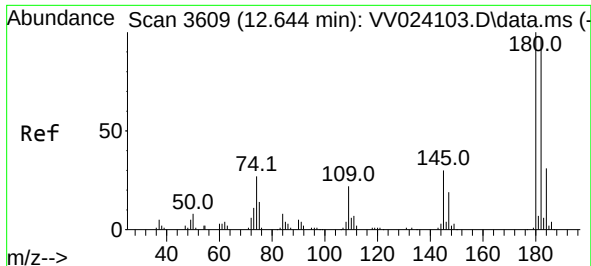


#68
1,2-Dibromo-3-chloropropane
Concen: 4.636 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07



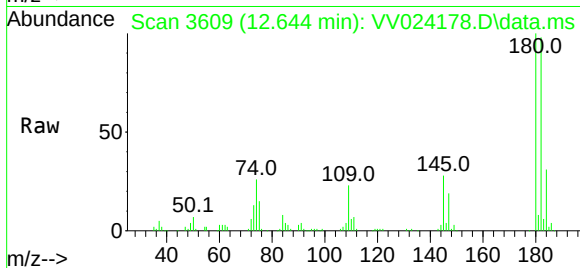
Tgt Ion: 75 Resp: 7835
Ion Ratio Lower Upper
75 100
155 99.5 71.7 107.5
157 128.1 103.3 154.9



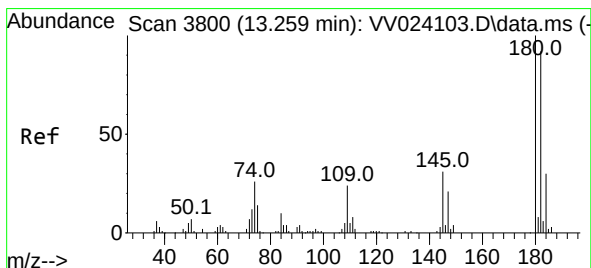
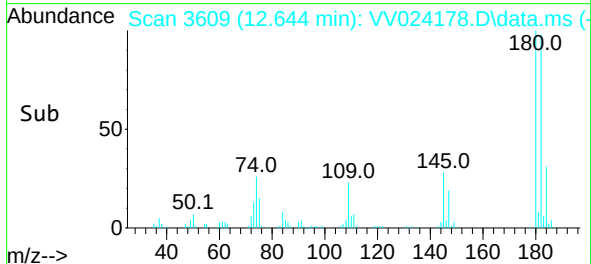
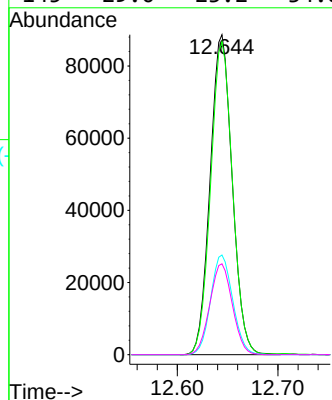


#69
 1,3,5-Trichlorobenzene
 Concen: 4.680 ug/L
 RT: 12.644 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VV024178.D
 Acq: 27 Dec 2021 14:07

Instrument :
 MSVOA_V
 ClientSampleId :

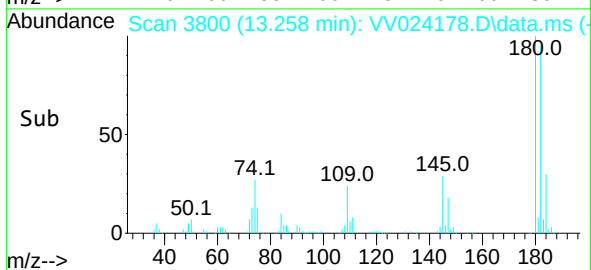
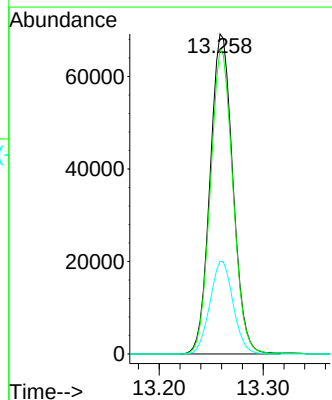
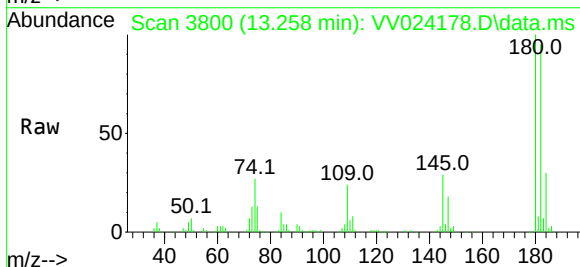


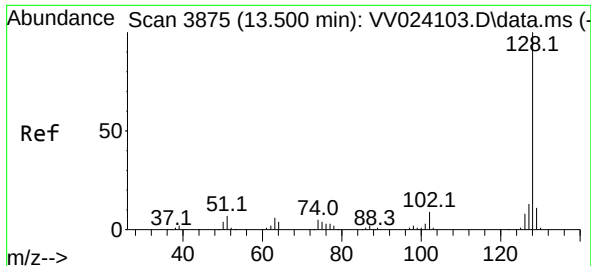
Tgt Ion:180 Resp: 135222
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.4 114.6
 184 31.2 24.2 36.4
 145 29.0 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.737 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024178.D
 Acq: 27 Dec 2021 14:07

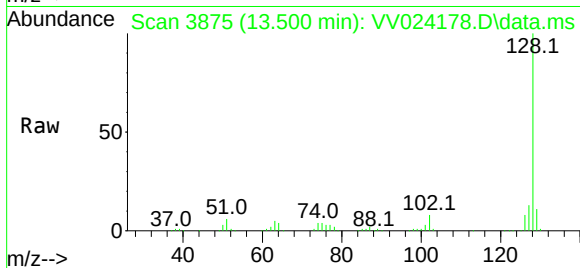
Tgt Ion:180 Resp: 105383
 Ion Ratio Lower Upper
 180 100
 182 94.0 74.4 111.6
 145 29.5 23.3 34.9



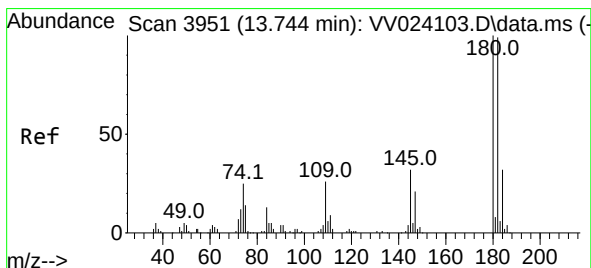
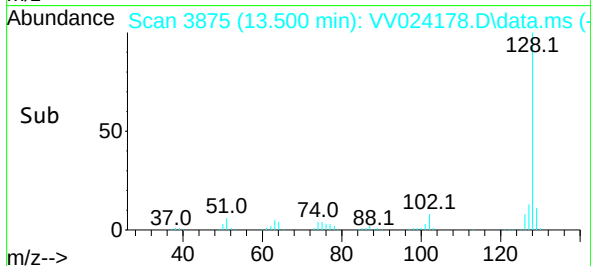
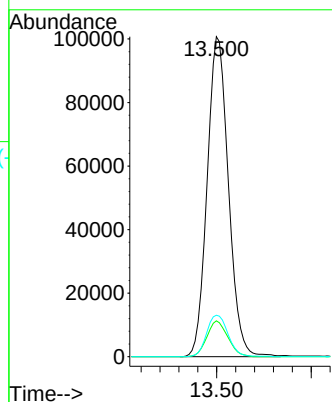


#71
Naphthalene
Concen: 4.765 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 157404
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.892 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV024178.D
Acq: 27 Dec 2021 14:07

Tgt Ion:180 Resp: 95713
Ion Ratio Lower Upper
180 100
182 95.8 76.8 115.2
145 31.9 25.8 38.6

