

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022277.D
 Acq On : 29 May 2021 01:53
 Operator : JC/MD
 Sample : M2529-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31046

Quant Time: May 29 04:59:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

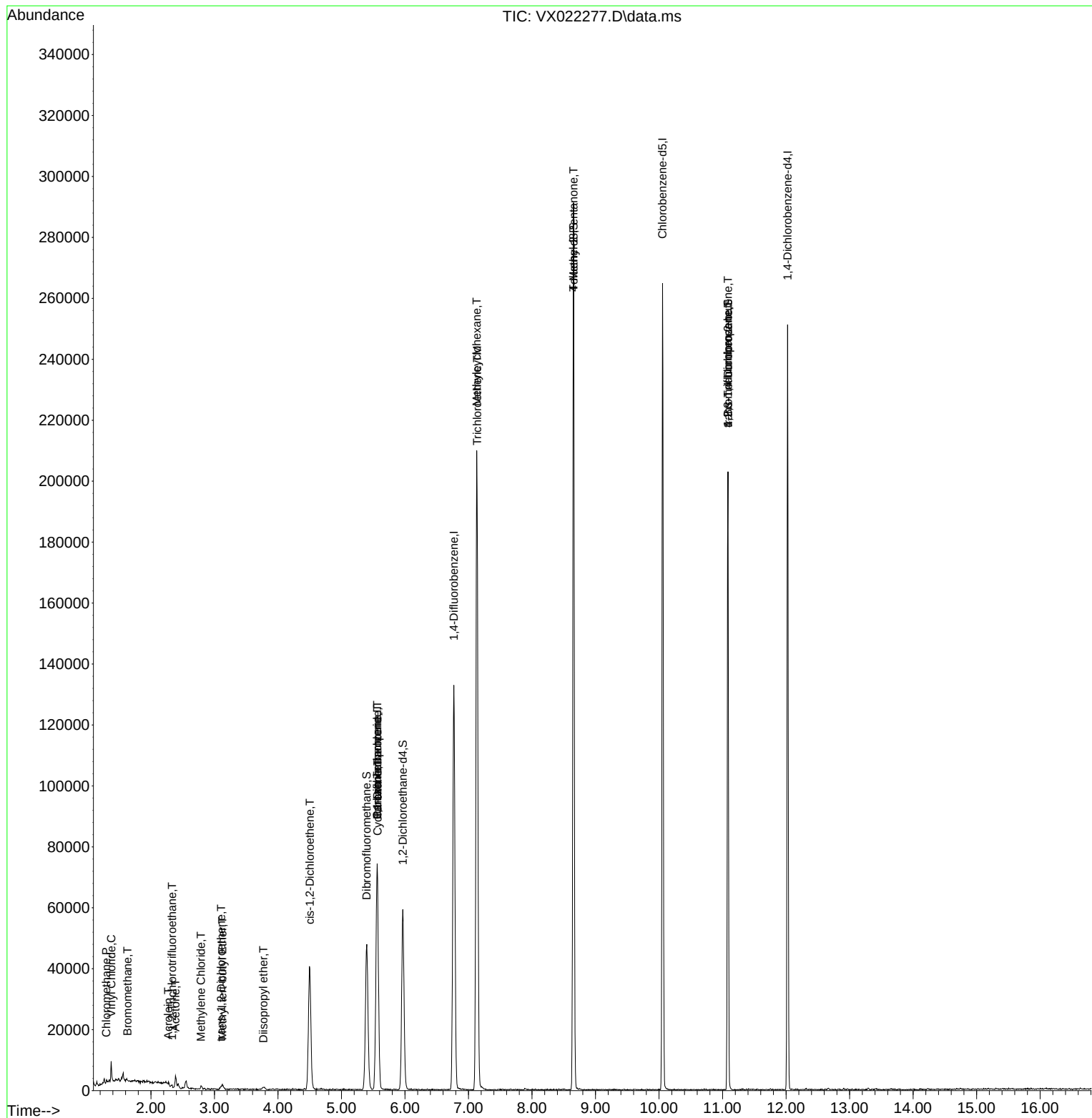
Internal Standards						
1) Pentafluorobenzene	5.562	168	62599	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	131169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52629	54.50	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.00%
35) Dibromofluoromethane	5.397	113	40433	48.61	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.22%
50) Toluene-d8	8.653	98	158277	49.40	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.80%
62) 4-Bromofluorobenzene	11.085	95	55561	46.91	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.82%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	545	0.66	ug/l	# 76
4) Vinyl Chloride	1.374	62	3451	3.97	ug/l	98
5) Bromomethane	1.630	94	247	0.49	ug/l	# 78
9) 1,1,2-Trichlorotrifluo...	2.331	101	332	0.45	ug/l	# 86
13) Acrolein	2.270	56	69	0.47	ug/l	96
16) Acetone	2.386	43	3974	9.45	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	1338	0.54	ug/l	94
20) Methylene Chloride	2.788	84	406	0.43	ug/l	# 88
21) trans-1,2-Dichloroethene	3.105	96	217	0.28	ug/l	# 91
22) Diisopropyl ether	3.770	45	968	0.38	ug/l	# 63
27) cis-1,2-Dichloroethene	4.501	96	24834	26.17	ug/l	91
31) Cyclohexane	5.568	56	1729	1.42	ug/l	# 44
36) 1,1-Dichloropropene	5.562	75	6279	5.18	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	6862	5.78	ug/l	# 15
39) Methylcyclohexane	7.129	83	998	0.73	ug/l	# 1
44) Trichloroethene	7.135	130	74861	80.72	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	817	0.56	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	29157	26.46	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	29157	62.70	ug/l	# 12

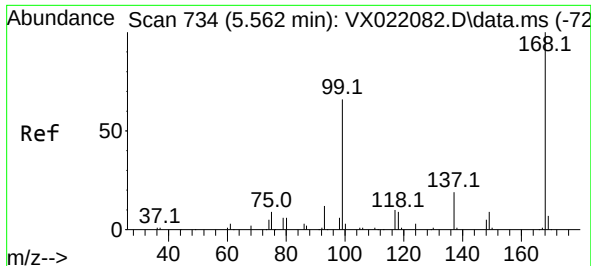
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
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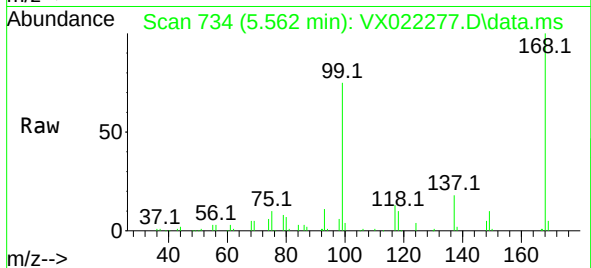
Quant Time: May 29 04:59:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



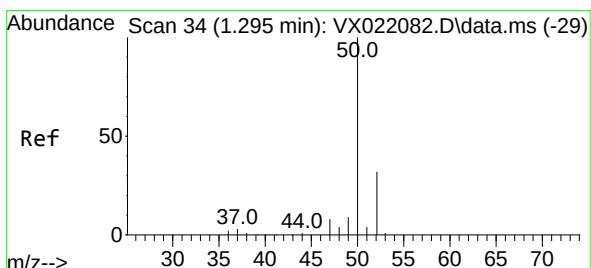
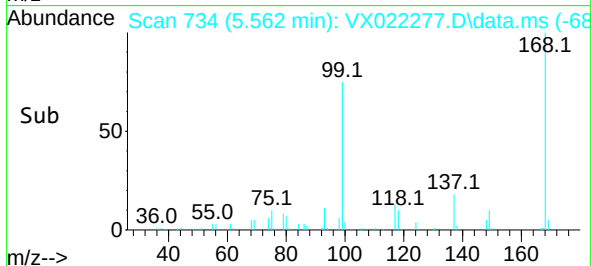
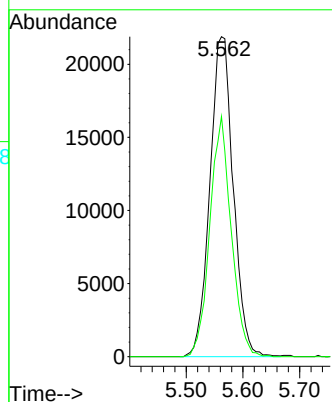


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

Instrument :
MSVOA_X
ClientSampleId :
31046

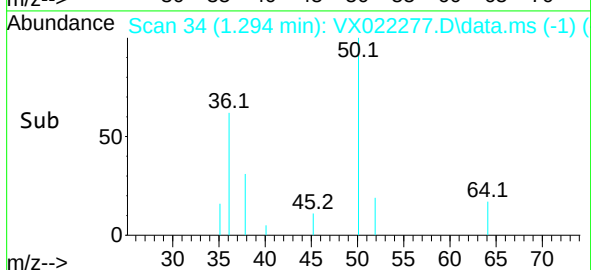
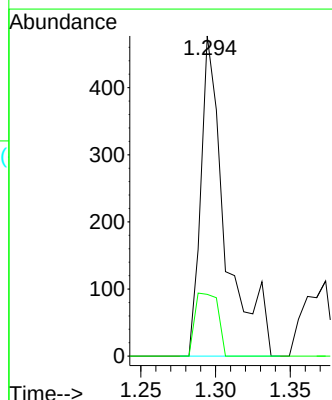
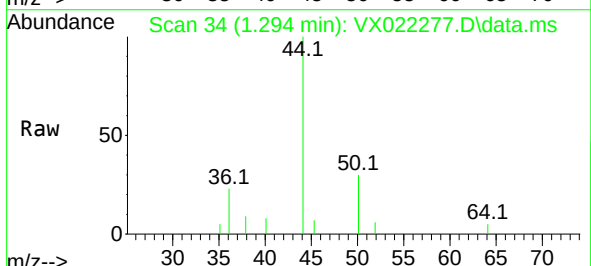


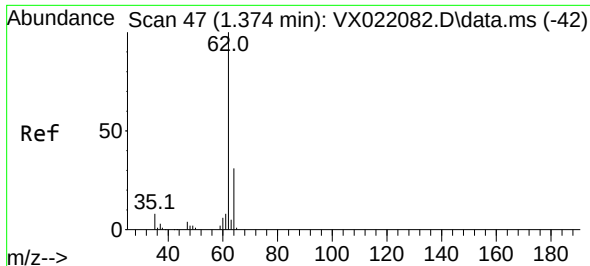
Tgt Ion:168 Resp: 62599
Ion Ratio Lower Upper
168 100
99 75.1 45.8 68.6#



#3
Chloromethane
Concen: 0.66 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

Tgt Ion: 50 Resp: 545
Ion Ratio Lower Upper
50 100
52 19.3 26.4 39.6#

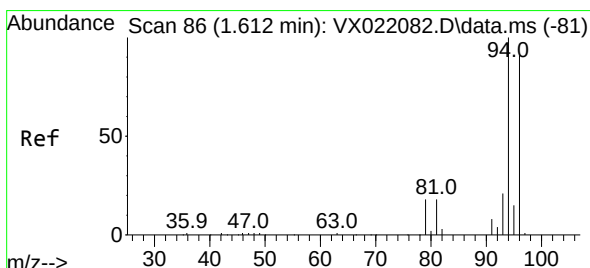
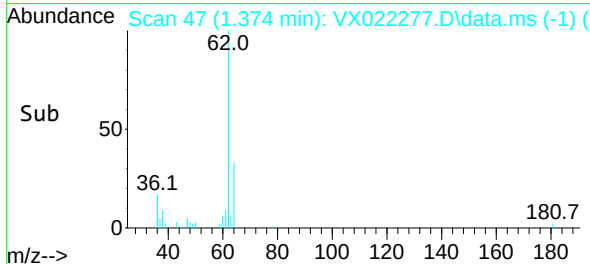
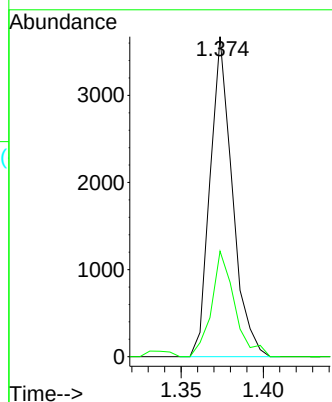
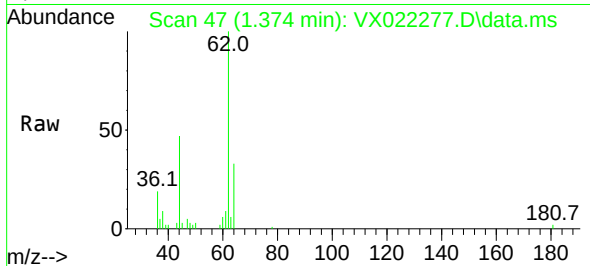




#4
 Vinyl Chloride
 Concen: 3.97 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022277.D
 Acq: 29 May 2021 01:53

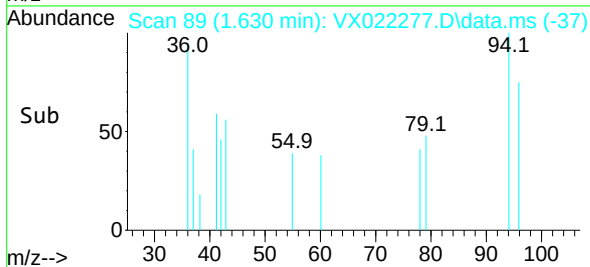
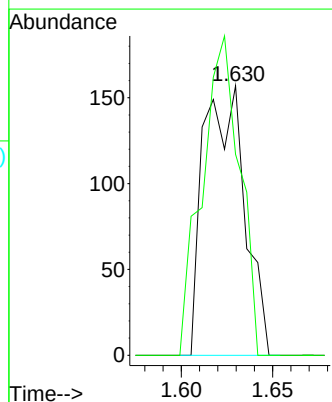
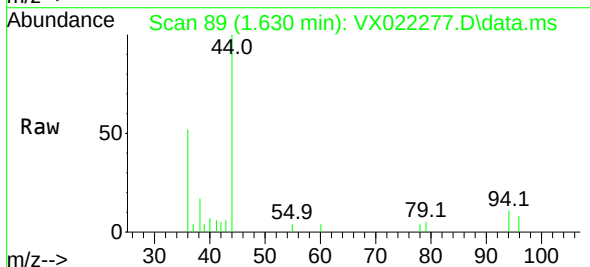
Instrument :
 MSVOA_X
 ClientSampleId :
 31046

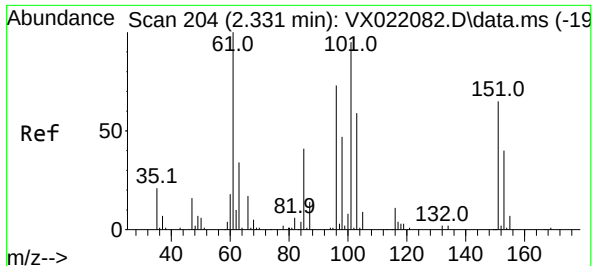
Tgt Ion: 62 Resp: 3451
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.7 38.5



#5
 Bromomethane
 Concen: 0.49 ug/l
 RT: 1.630 min Scan# 89
 Delta R.T. 0.018 min
 Lab File: VX022277.D
 Acq: 29 May 2021 01:53

Tgt Ion: 94 Resp: 247
 Ion Ratio Lower Upper
 94 100
 96 74.5 76.4 114.6#

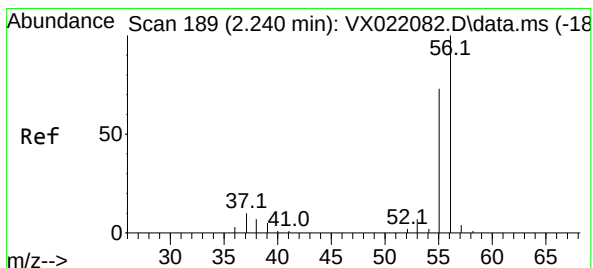
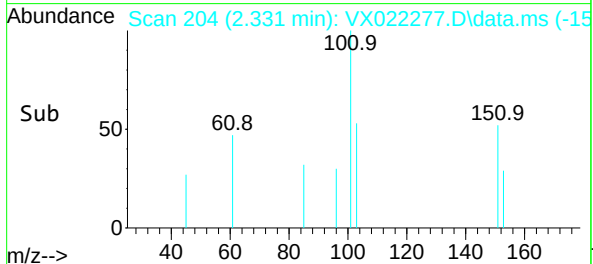
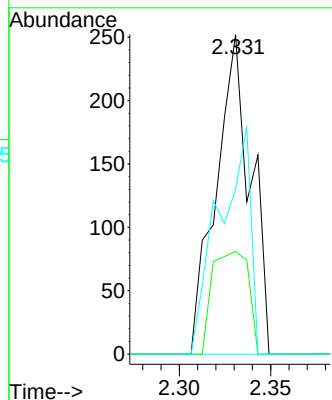
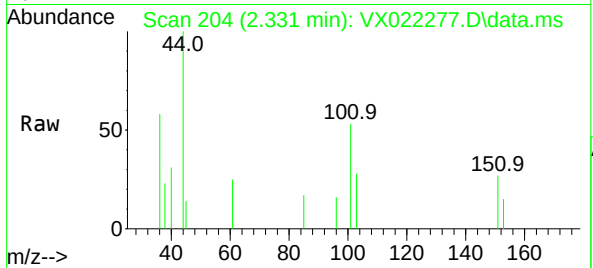




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.45 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

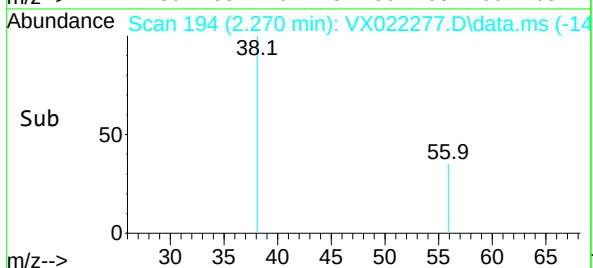
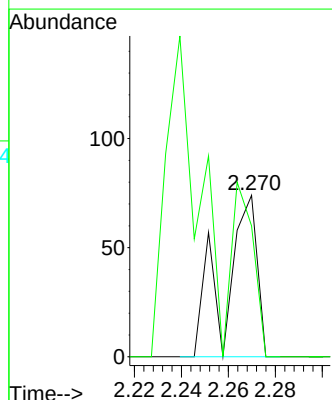
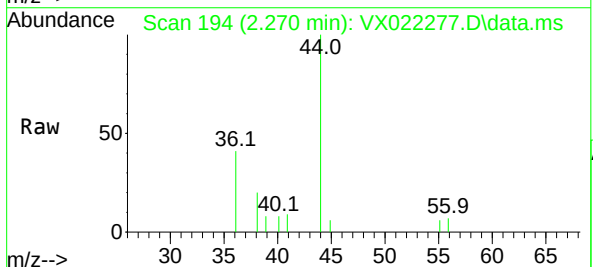
Instrument :
MSVOA_X
ClientSampleId :
31046

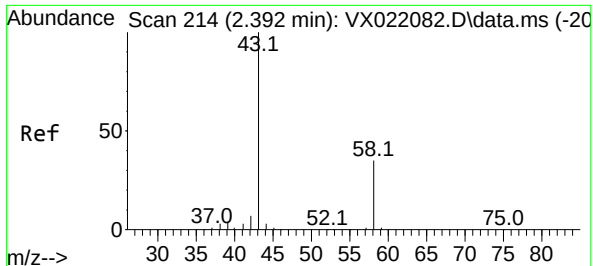
Tgt Ion:101 Resp: 332
Ion Ratio Lower Upper
101 100
85 33.7 34.9 52.3#
151 64.8 61.4 92.2



#13
Acrolein
Concen: 0.47 ug/l
RT: 2.270 min Scan# 194
Delta R.T. 0.030 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 73.9 56.4 84.6

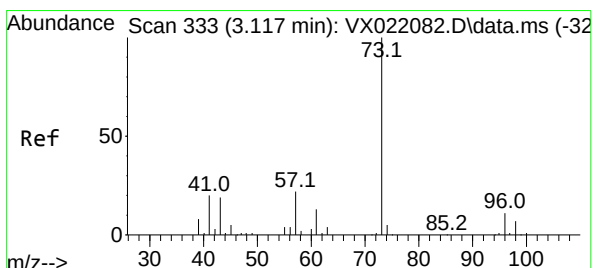
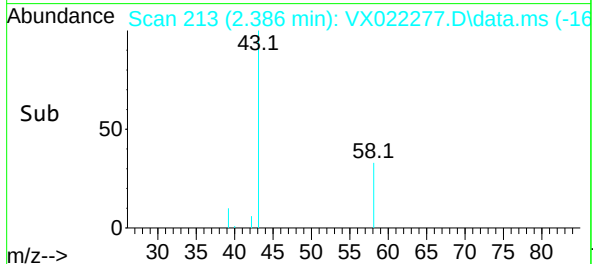
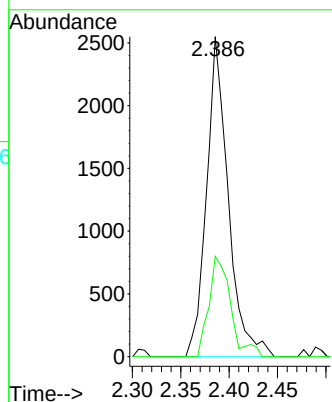
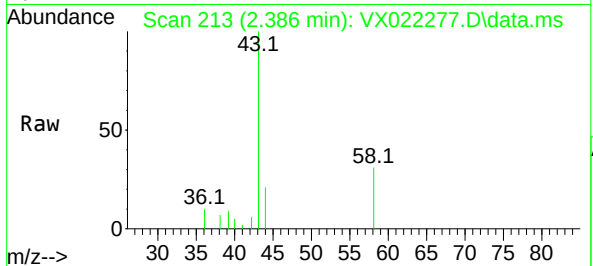




#16
Acetone
Concen: 9.45 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

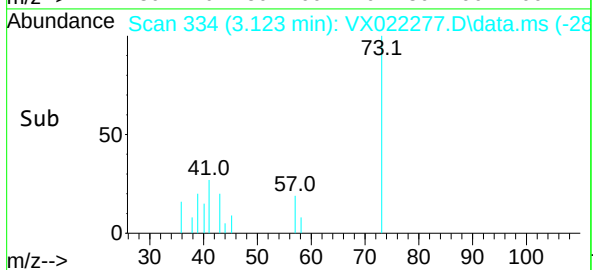
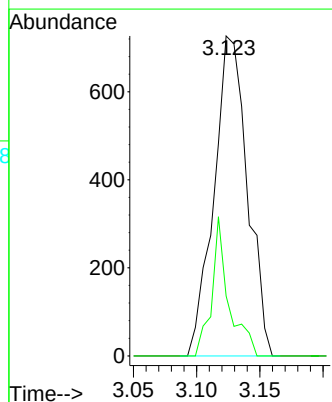
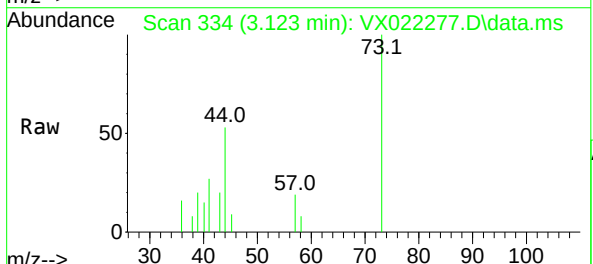
Instrument :
MSVOA_X
ClientSampleId :
31046

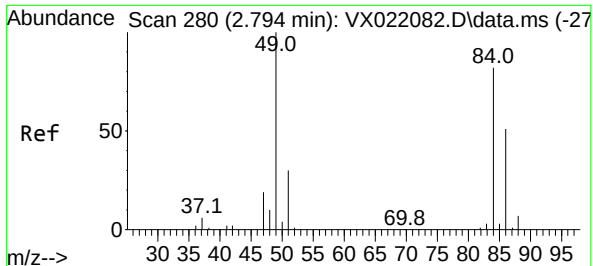
Tgt Ion: 43 Resp: 3974
Ion Ratio Lower Upper
43 100
58 31.3 27.8 41.8



#19
Methyl tert-butyl Ether
Concen: 0.54 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

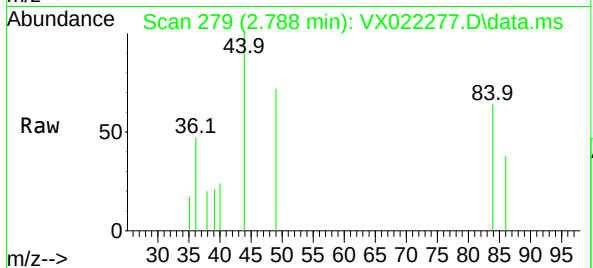
Tgt Ion: 73 Resp: 1338
Ion Ratio Lower Upper
73 100
57 18.7 17.1 25.7





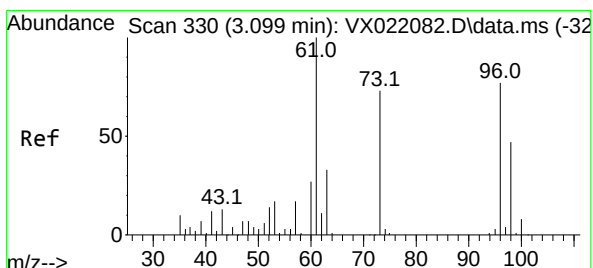
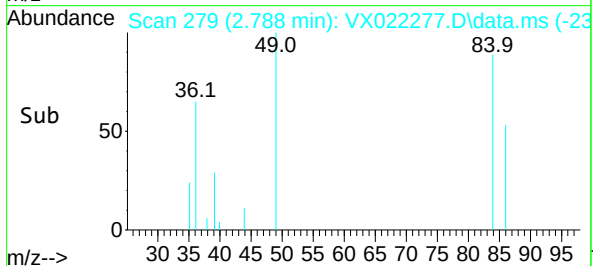
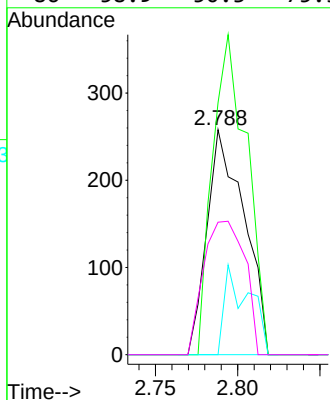
#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

Instrument :
MSVOA_X
ClientSampleId :
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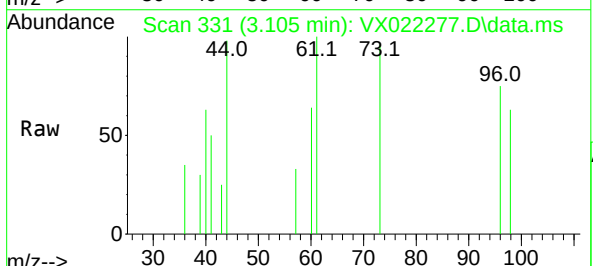


Tgt Ion: 84 Resp: 406

Ion	Ratio	Lower	Upper
84	100		
49	112.0	88.6	132.8
51	0.0	27.0	40.6#
86	58.9	50.3	75.5

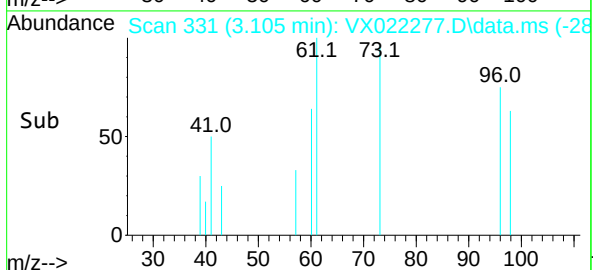
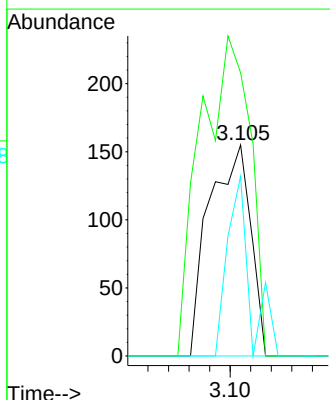


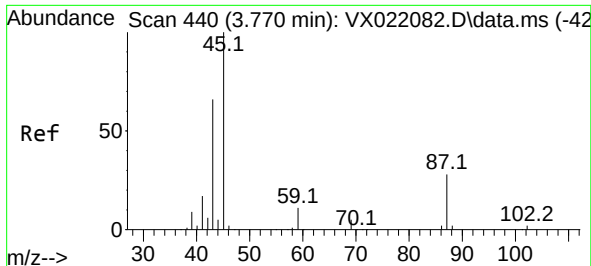
#21
trans-1,2-Dichloroethene
Concen: 0.28 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.006 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53



Tgt Ion: 96 Resp: 217

Ion	Ratio	Lower	Upper
96	100		
61	134.2	107.7	161.5
98	85.2	50.4	75.6#

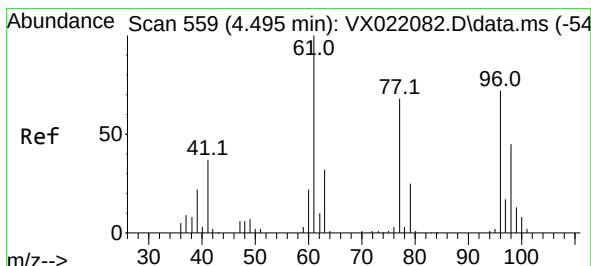
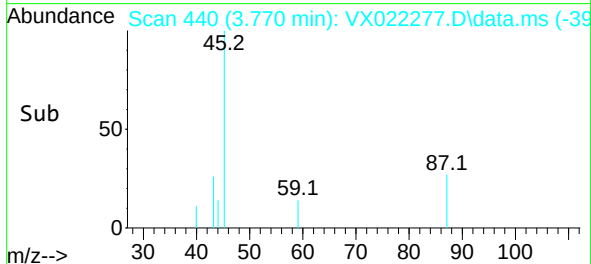
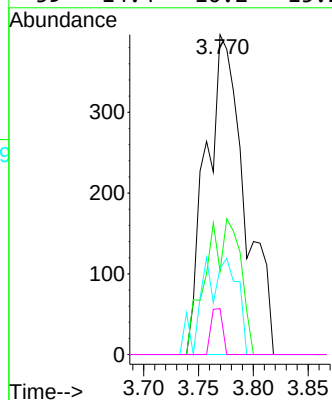
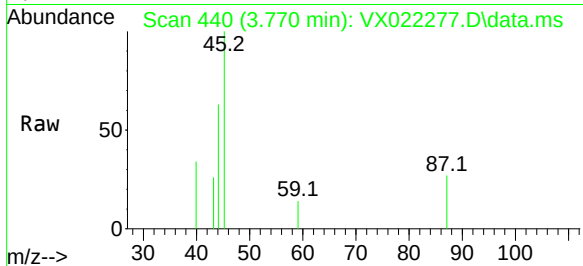




#22
Diisopropyl ether
Concen: 0.38 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

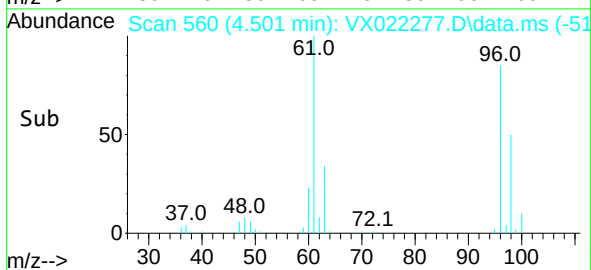
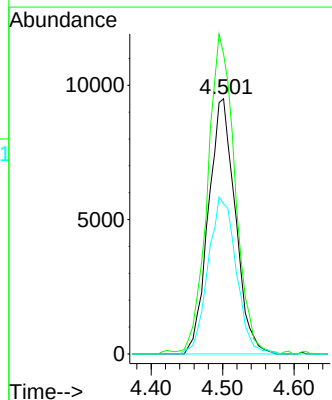
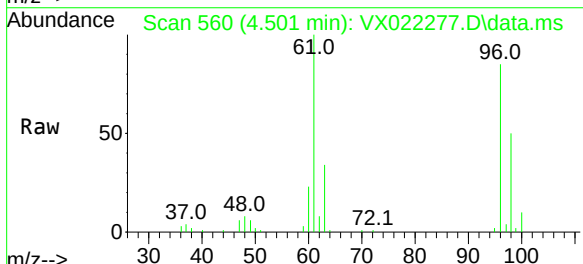
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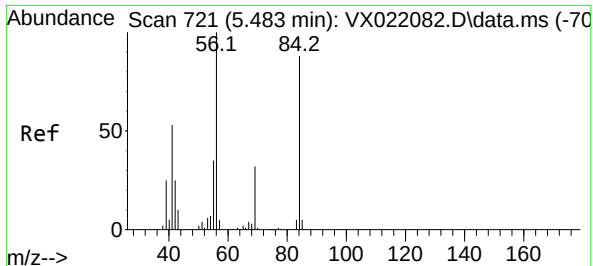
Tgt Ion:	45	Resp:	968
Ion	Ratio	Lower	Upper
45	100		
43	26.0	58.0	87.0#
87	27.0	25.4	38.0
59	14.4	10.2	15.2



#27
cis-1,2-Dichloroethene
Concen: 26.17 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

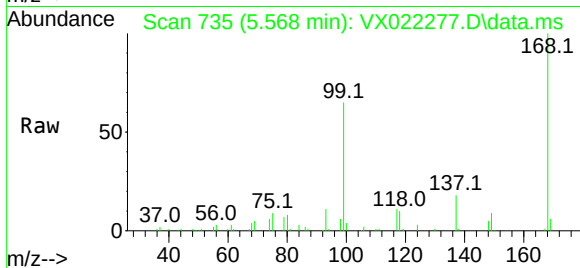
Tgt Ion:	96	Resp:	24834
Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	285.6
98	64.2	0.0	129.6



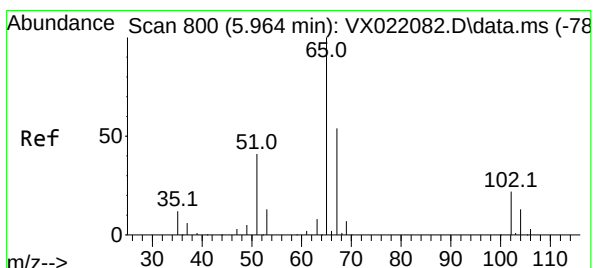
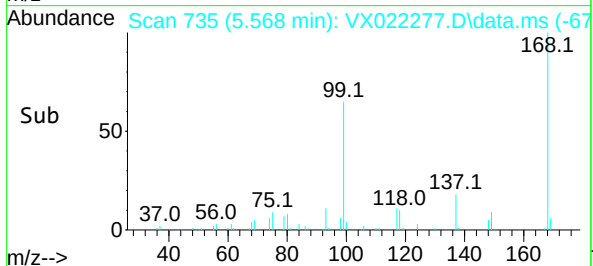
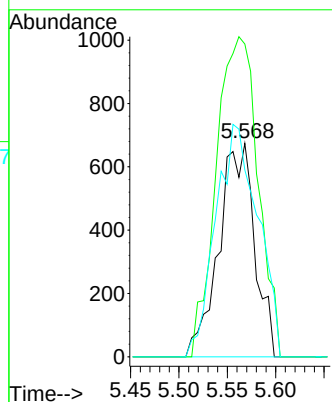


#31
Cyclohexane
Concen: 1.42 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

Instrument :
MSVOA_X
ClientSampleId :
31046

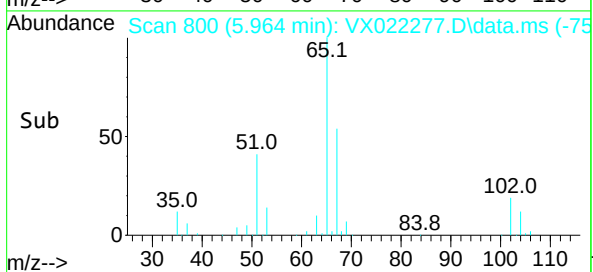
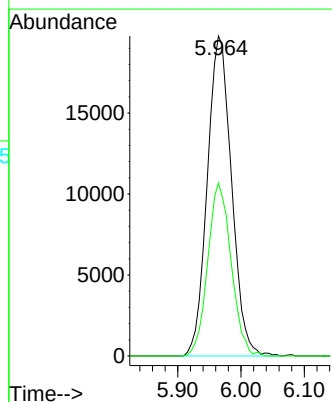
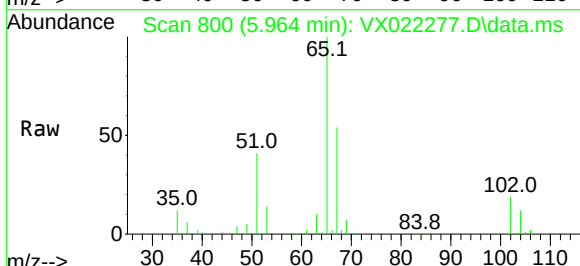


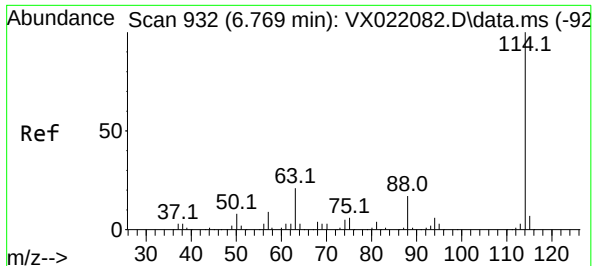
Tgt Ion: 56 Resp: 1729
Ion Ratio Lower Upper
56 100
69 146.6 25.3 37.9#
84 87.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 54.50 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

Tgt Ion: 65 Resp: 52629
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

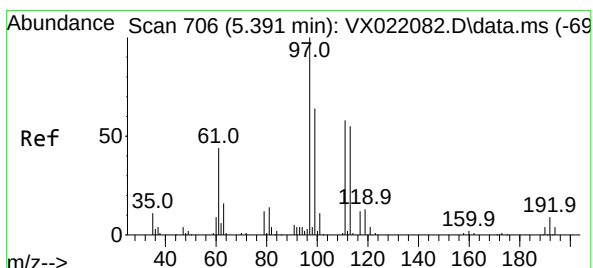
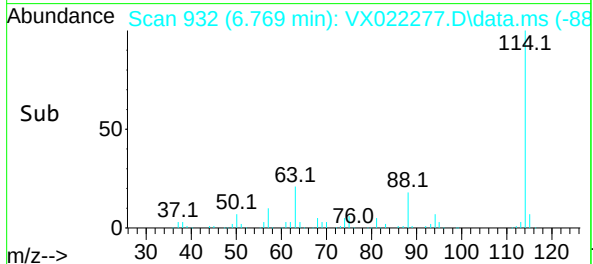
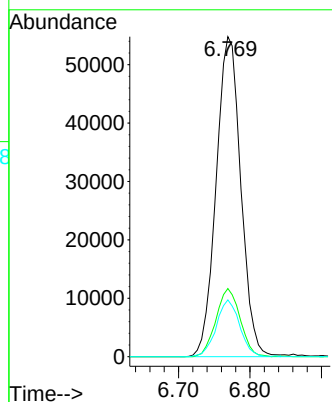
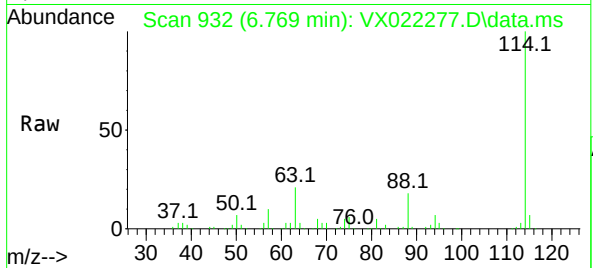




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

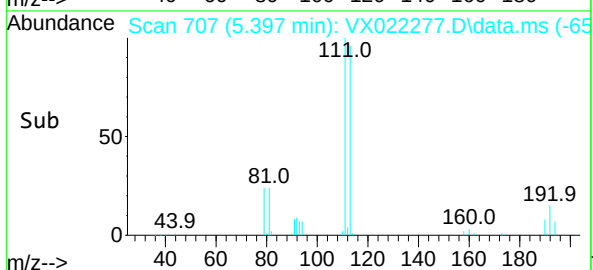
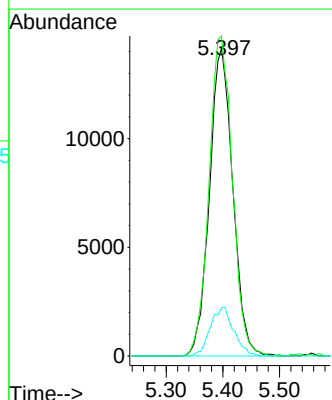
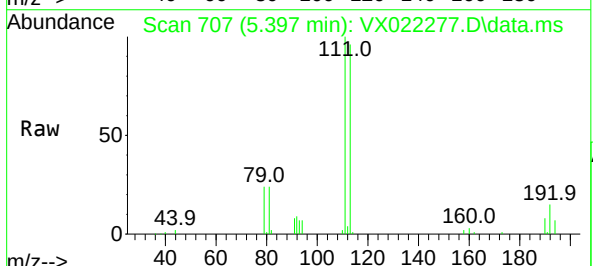
Instrument :
MSVOA_X
ClientSampleId :
31046

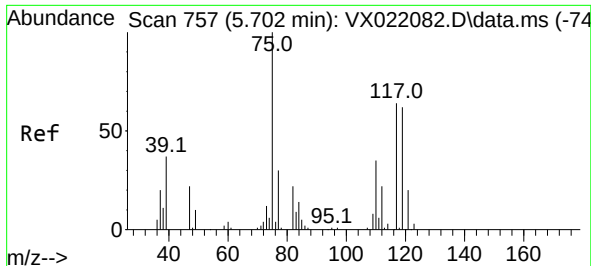
Tgt Ion:114 Resp: 131169
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 17.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.61 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

Tgt Ion:113 Resp: 40433
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 15.9 16.7 25.1#

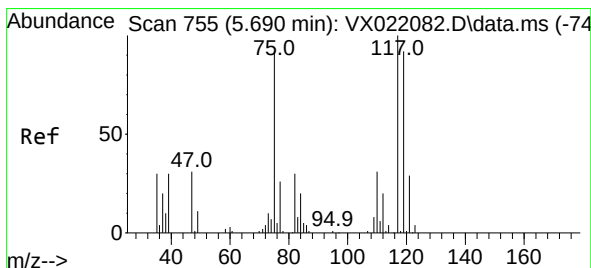
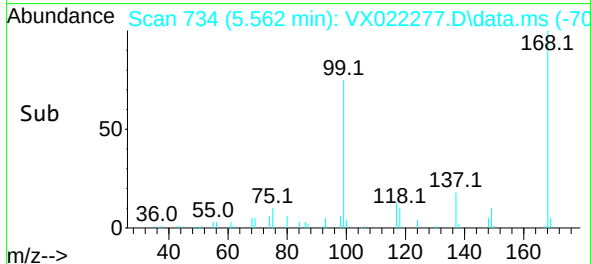
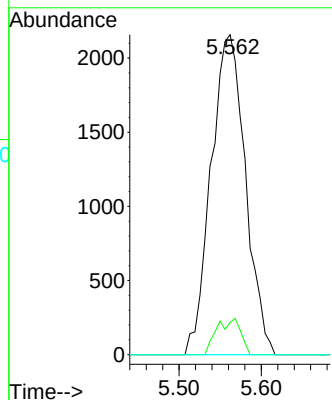
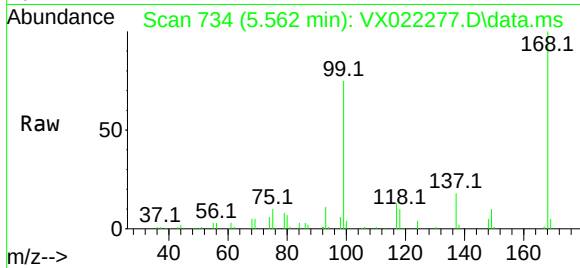




#36
1,1-Dichloropropene
Concen: 5.18 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

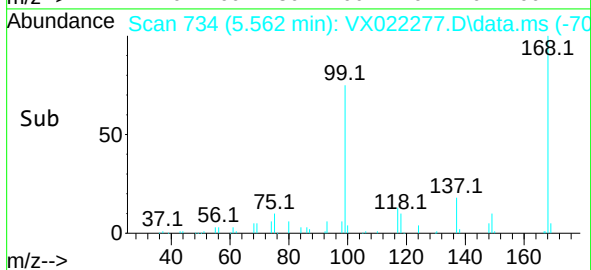
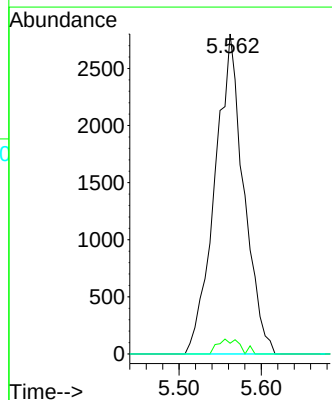
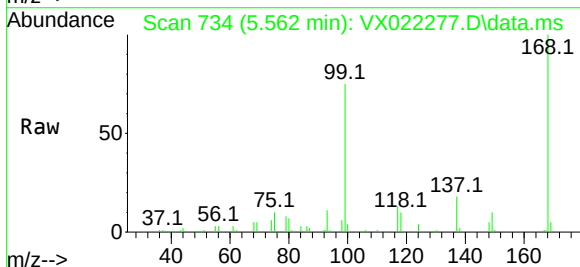
Instrument :
MSVOA_X
ClientSampleId :
31046

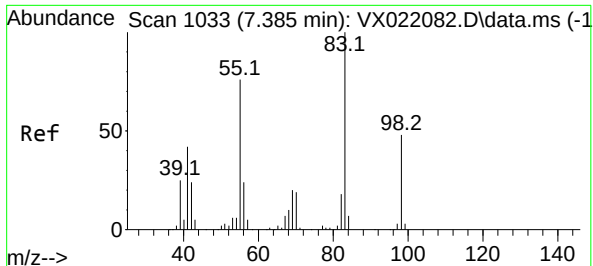
Tgt Ion: 75 Resp: 6279
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

Tgt Ion: 117 Resp: 6862
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.73 ug/l

RT: 7.129 min Scan# 991

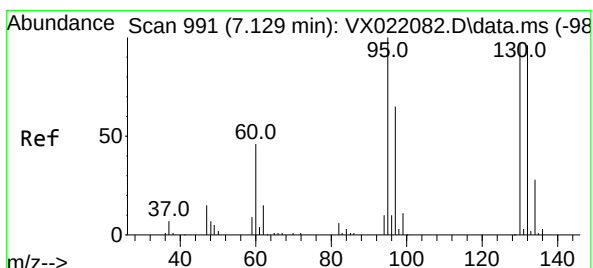
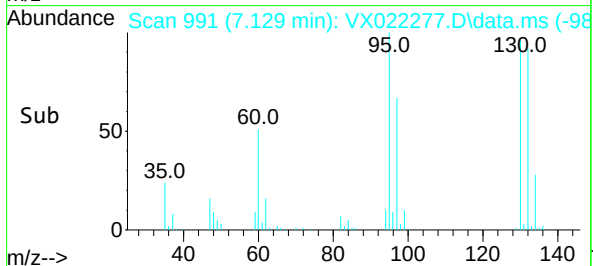
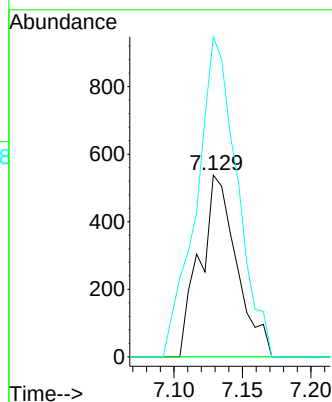
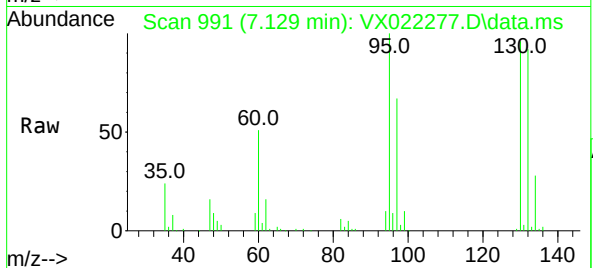
Delta R.T. -0.256 min

Lab File: VX022277.D

Acq: 29 May 2021 01:53

Tgt Ion:	83	Resp:	998
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	176.2	38.1	57.1#

Instrument :
MSVOA_X
ClientSampleId :
31046



#44

Trichloroethene

Concen: 80.72 ug/l

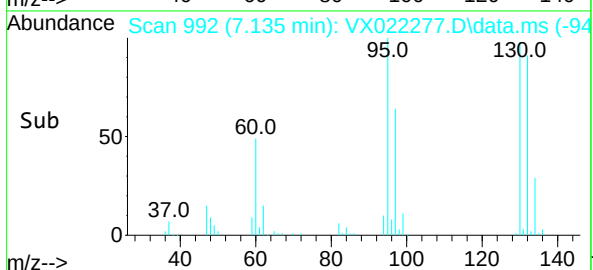
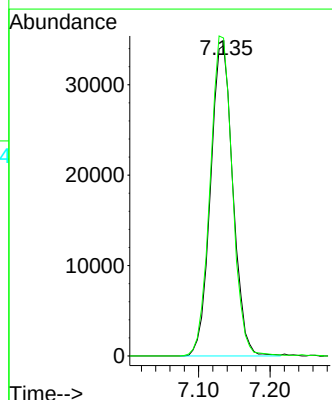
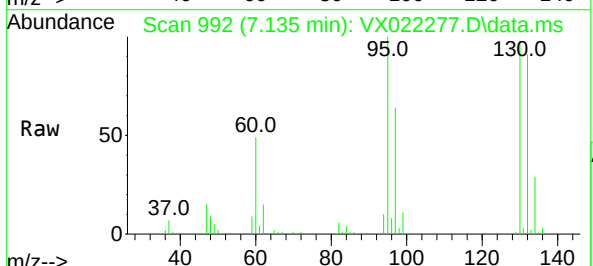
RT: 7.135 min Scan# 992

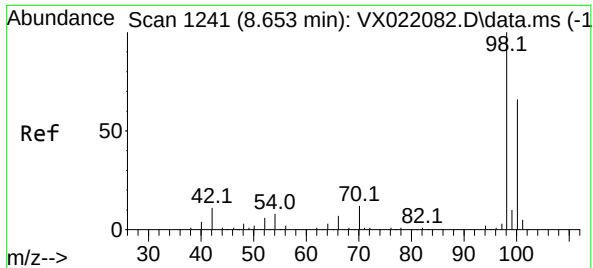
Delta R.T. 0.006 min

Lab File: VX022277.D

Acq: 29 May 2021 01:53

Tgt Ion:	130	Resp:	74861
Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	198.0

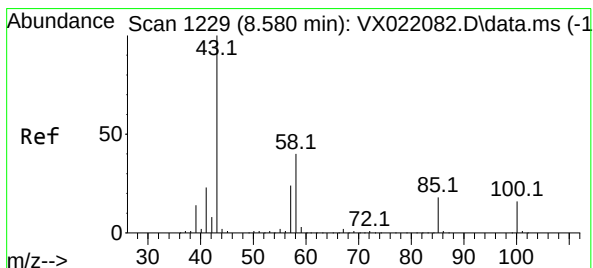
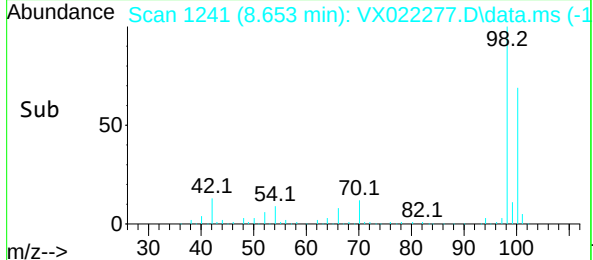
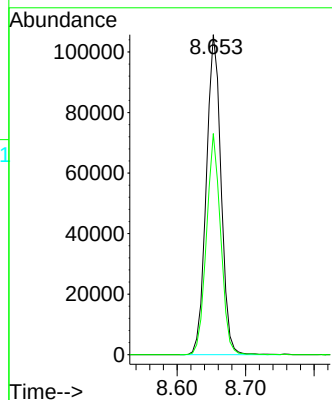
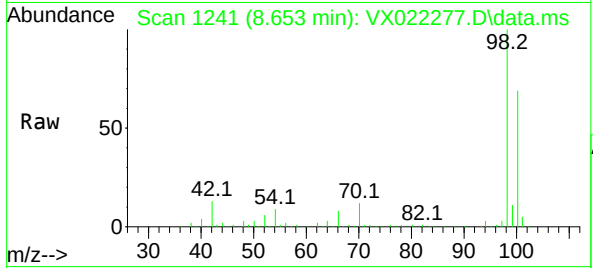




#50
Toluene-d8
Concen: 49.40 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

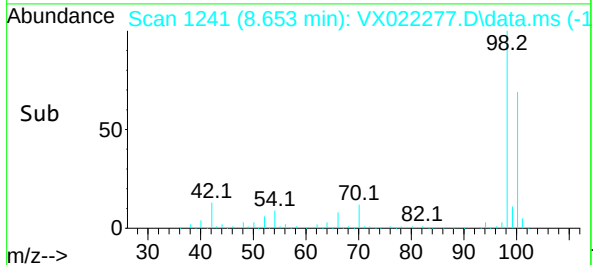
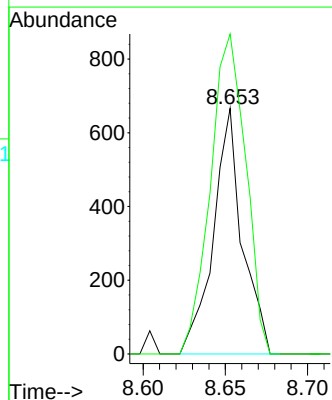
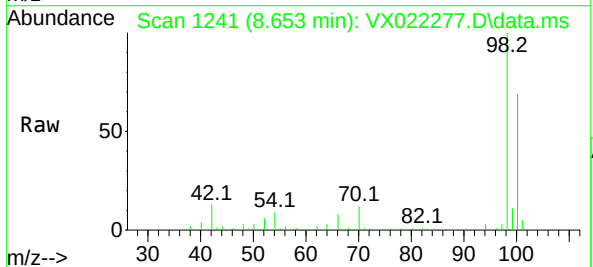
Instrument :
MSVOA_X
ClientSampleId :
31046

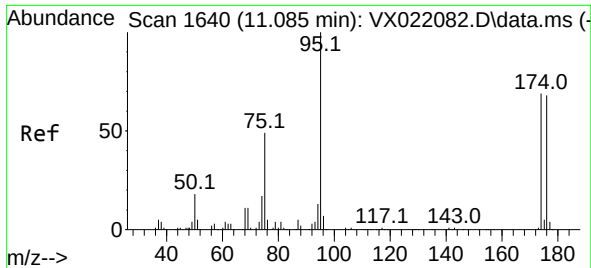
Tgt Ion: 98 Resp: 158277
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 159.0 35.4 53.0#

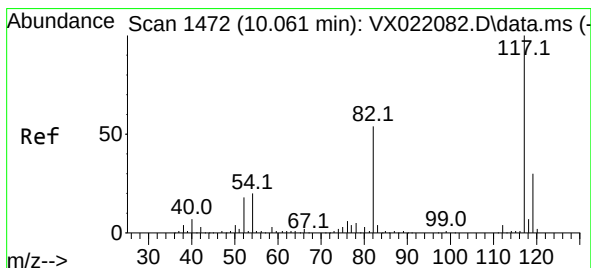
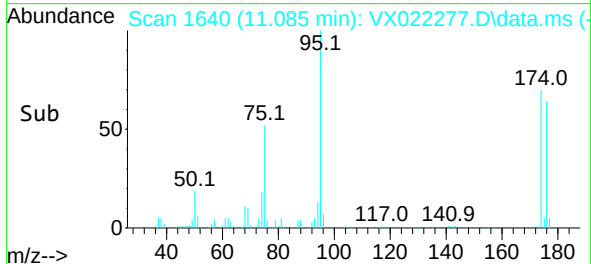
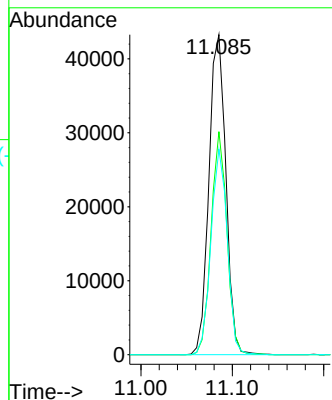
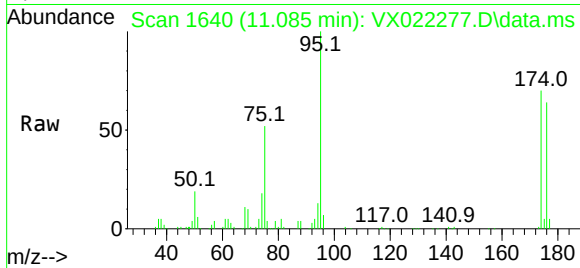




#62
4-Bromofluorobenzene
Concen: 46.91 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

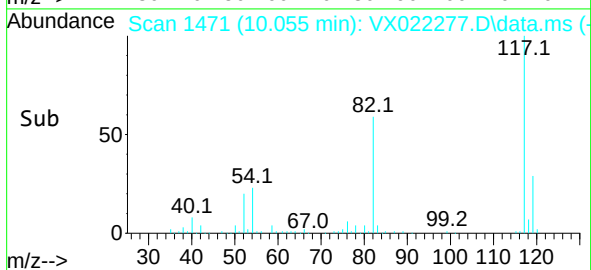
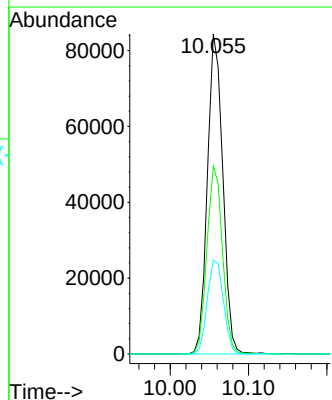
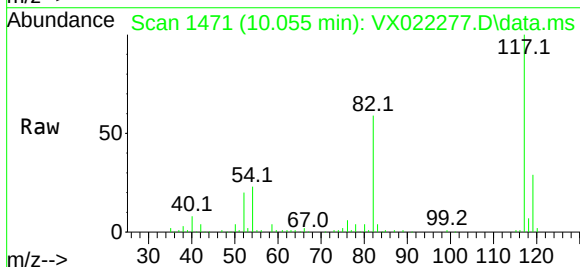
Instrument :
MSVOA_X
ClientSampleId :
31046

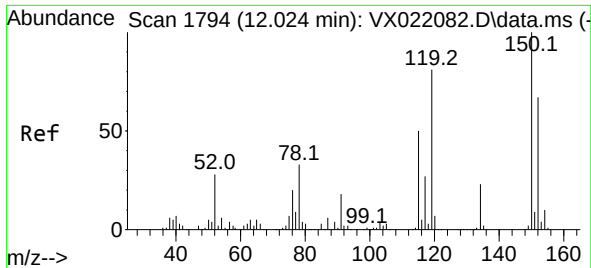
Tgt Ion: 95 Resp: 55561
Ion Ratio Lower Upper
95 100
174 65.1 0.0 154.6
176 62.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

Tgt Ion: 117 Resp: 114957
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 29.3 26.6 39.8

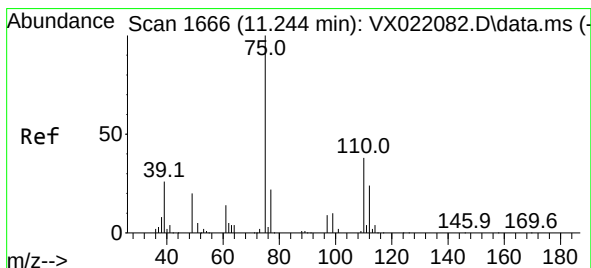
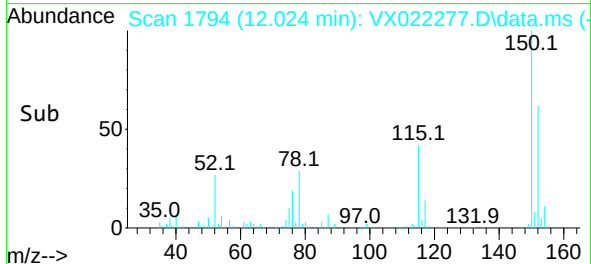
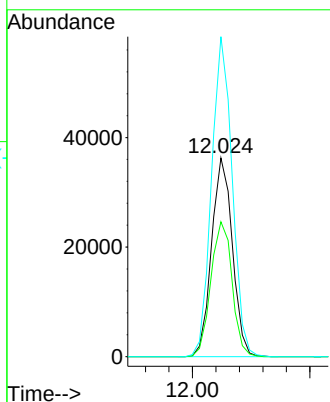
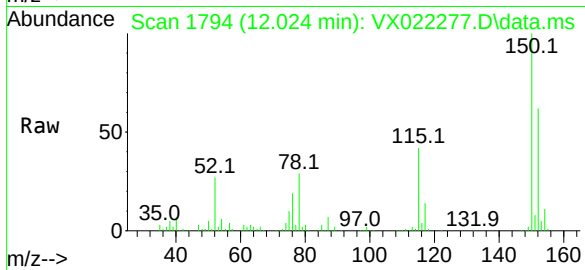




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

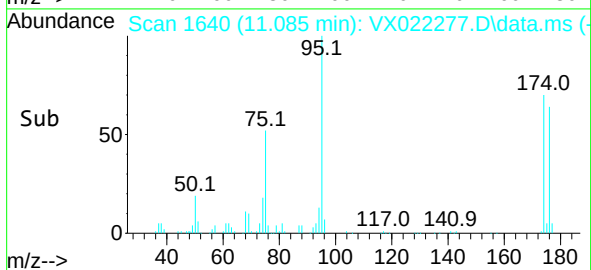
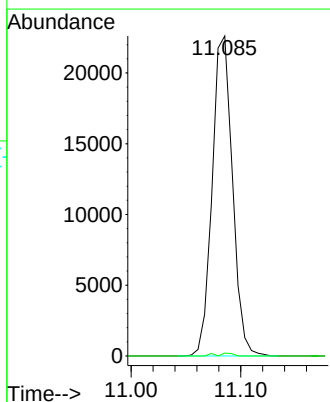
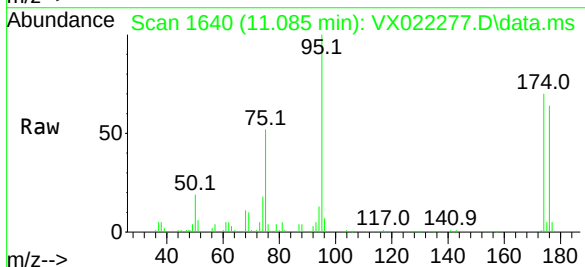
Instrument :
MSVOA_X
ClientSampleId :
31046

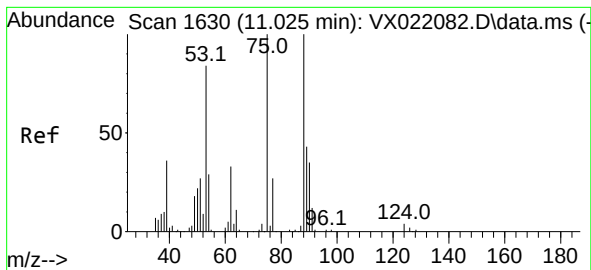
Tgt Ion:152 Resp: 44661
Ion Ratio Lower Upper
152 100
115 69.0 41.1 123.3
150 159.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.46 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022277.D
Acq: 29 May 2021 01:53

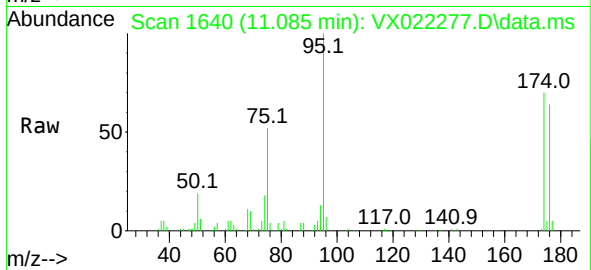
Tgt Ion: 75 Resp: 29157
Ion Ratio Lower Upper
75 100
77 0.7 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.70 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022277.D
 Acq: 29 May 2021 01:53

Instrument :
 MSVOA_X
 ClientSampleId :
 31046



Tgt Ion: 75 Resp: 29157
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

