

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020277.D
 Acq On : 22 Dec 2020 02:33
 Operator : JC/MD
 Sample : PB133709ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 05:17:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

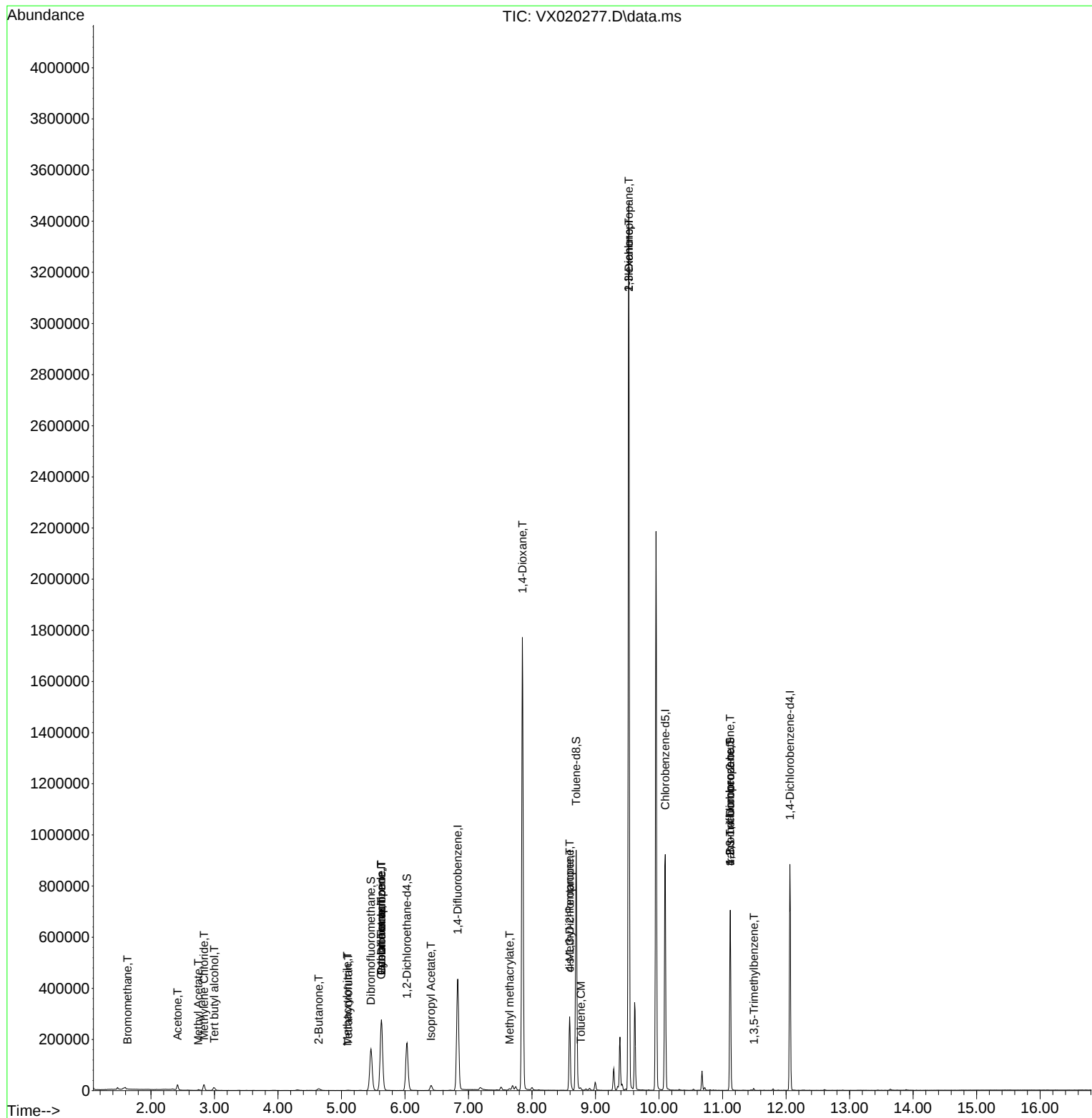
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	258667	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	434580	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	425365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	172829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	175436	50.60	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.20%
35) Dibromofluoromethane	5.464	113	139730	50.26	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.52%
50) Toluene-d8	8.695	98	554537	51.82	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.64%
62) 4-Bromofluorobenzene	11.122	95	190998	46.64	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.28%
Target Compounds						
					Qvalue	
5) Bromomethane	1.629	94	477	0.42	ug/l	95
11) Tert butyl alcohol	2.995	59	7636	9.83	ug/l #	79
16) Acetone	2.416	43	21422	13.55	ug/l	96
18) Methyl Acetate	2.745	43	3471	0.98	ug/l	92
20) Methylene Chloride	2.836	84	10134	2.84	ug/l #	92
25) 2-Butanone	4.641	43	9570	4.16	ug/l #	89
29) Tetrahydrofuran	5.104	42	1226	0.85	ug/l #	79
31) Cyclohexane	5.629	56	5253	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20043	4.67	ug/l #	49
38) Carbon Tetrachloride	5.623	117	25462	6.23	ug/l #	16
41) Methacrylonitrile	5.092	41	677	0.28	ug/l #	42
43) Isopropyl Acetate	6.409	43	24887	3.53	ug/l	98
48) Methyl methacrylate	7.647	41	7845	2.27	ug/l #	10
49) 1,4-Dioxane	7.848	88	297	3.67	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	90429	20.73	ug/l #	47
52) Toluene	8.768	92	2146	0.26	ug/l	98
54) cis-1,3-Dichloropropene	8.592	75	46716	8.78	ug/l #	63
57) 1,3-Dichloropropane	9.524	76	29859	5.21	ug/l #	43
59) 2-Hexanone	9.524	43	367170	110.45	ug/l #	46
76) 1,2,3-Trichloropropane	11.122	75	93150	21.88	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.493	105	3026	0.29	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.122	75	93150	64.91	ug/l #	12

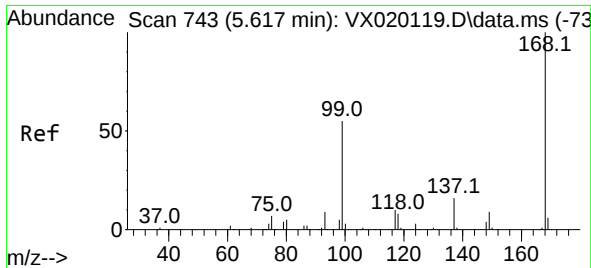
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

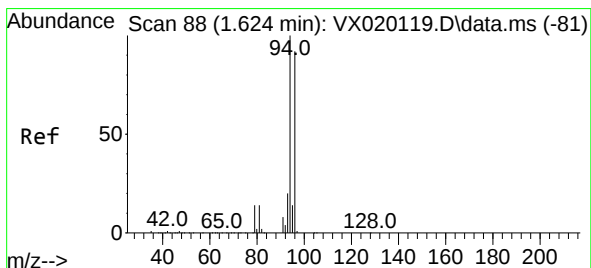
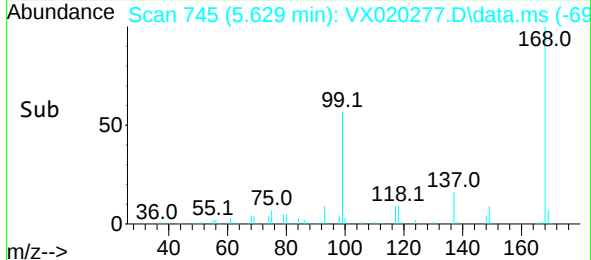
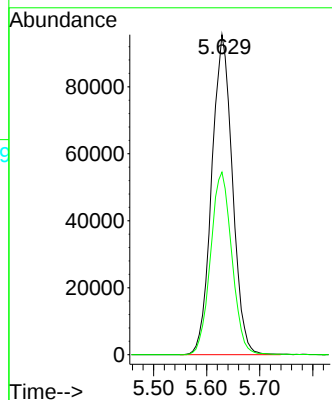
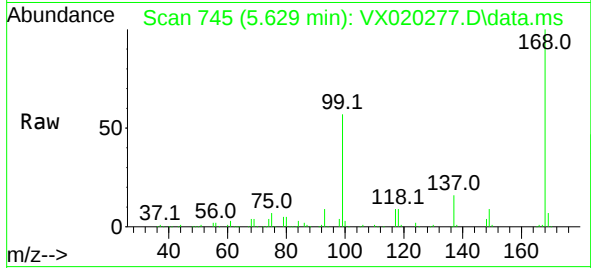




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

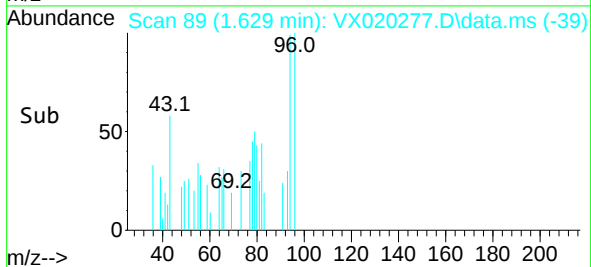
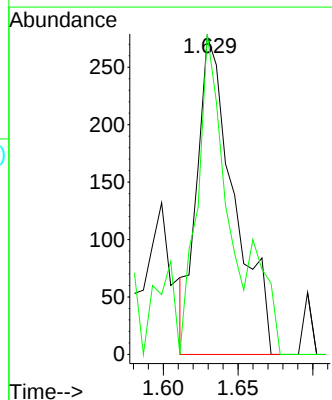
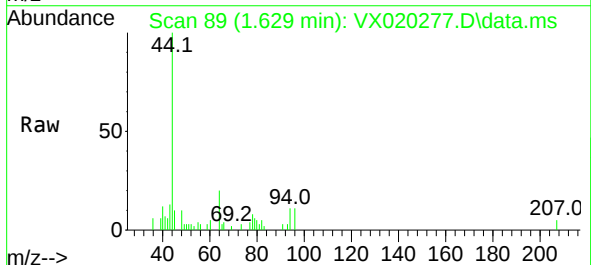
Instrument :
MSVOA_X
ClientSampled :

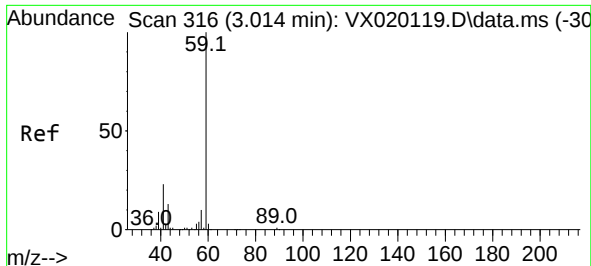
Tgt Ion:168 Resp: 258667
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.005 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

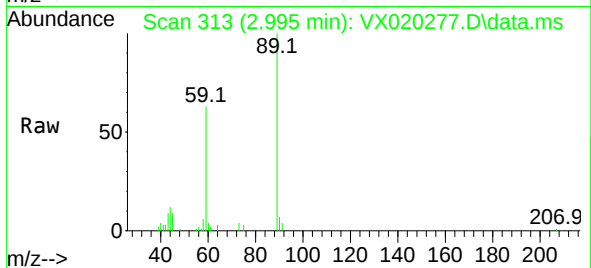
Tgt Ion: 94 Resp: 477
Ion Ratio Lower Upper
94 100
96 100.7 76.4 114.6



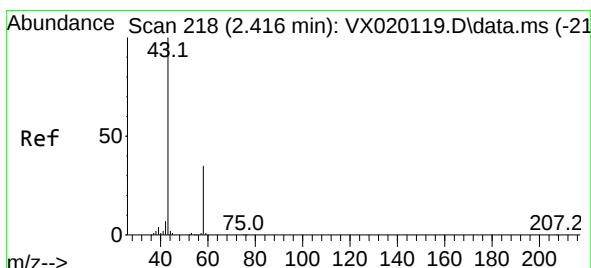
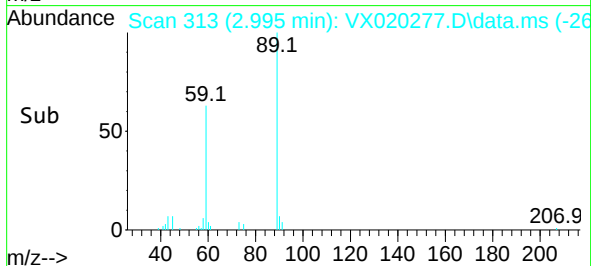
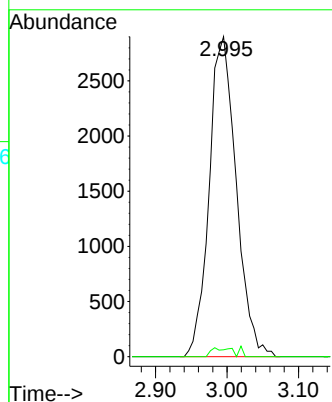


#11
Tert butyl alcohol
Concen: 9.83 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

Instrument :
MSVOA_X
ClientSampled :

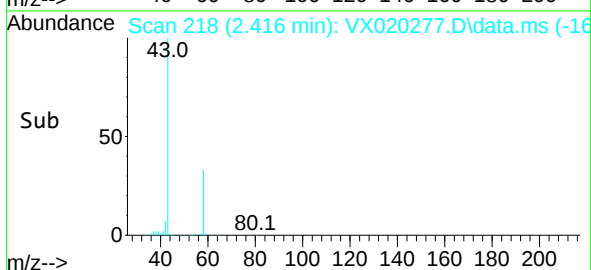
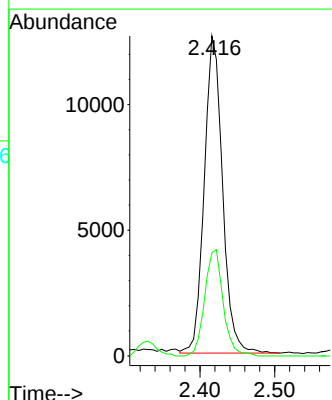
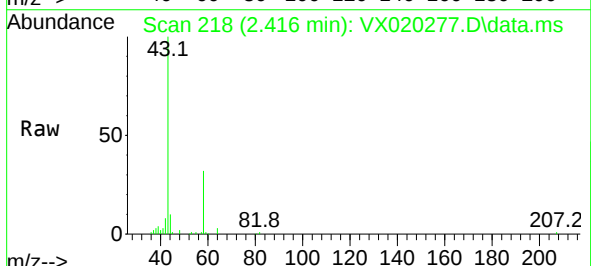


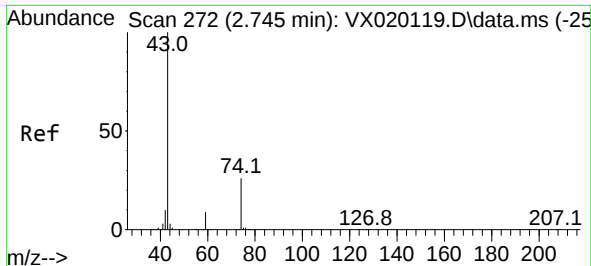
Tgt Ion: 59 Resp: 7636
Ion Ratio Lower Upper
59 100
57 1.9 7.8 11.8#



#16
Acetone
Concen: 13.55 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

Tgt Ion: 43 Resp: 21422
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8

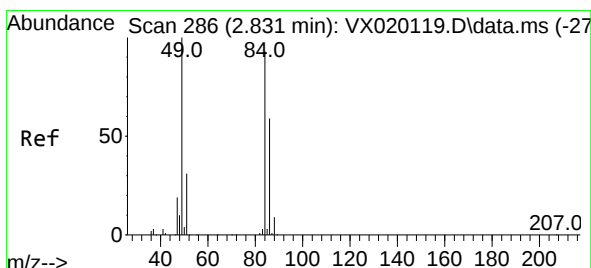
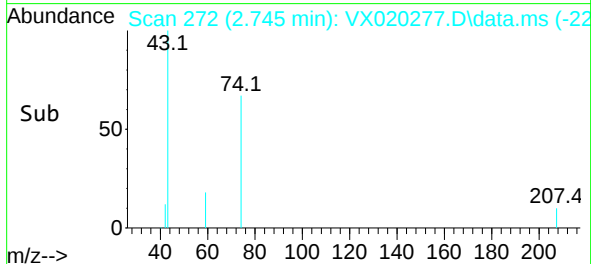
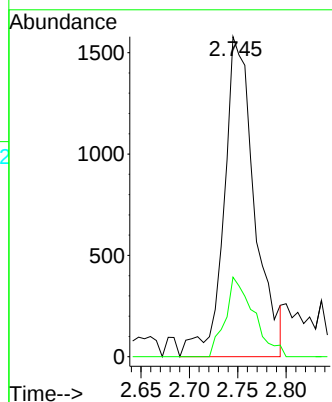
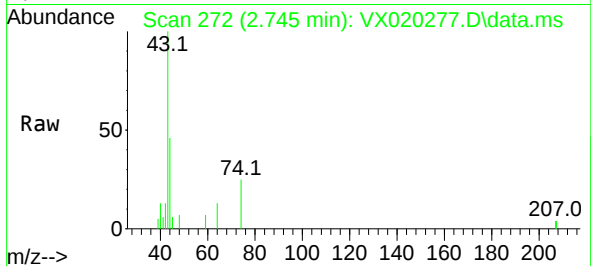




#18
Methyl Acetate
Concen: 0.98 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

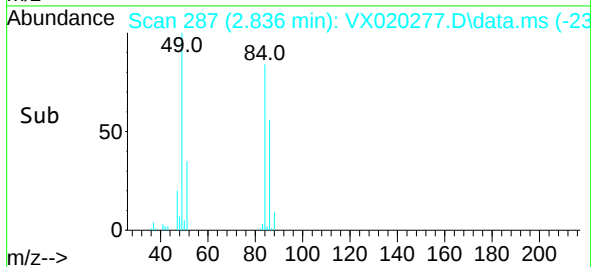
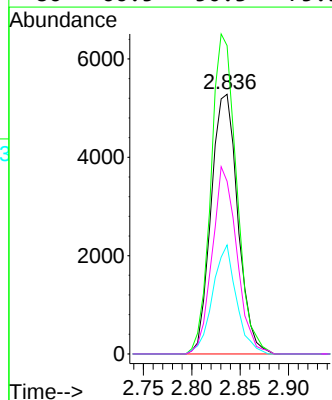
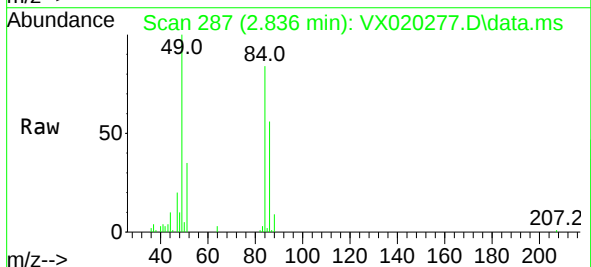
Instrument :
MSVOA_X
ClientSampled :

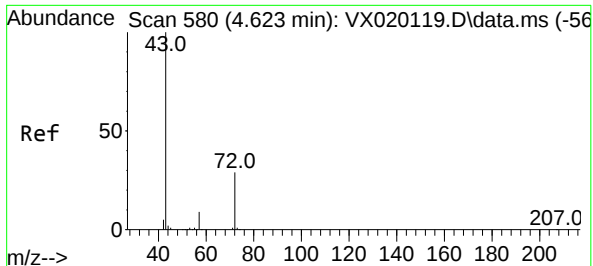
Tgt Ion: 43 Resp: 3471
Ion Ratio Lower Upper
43 100
74 23.2 21.9 32.9



#20
Methylene Chloride
Concen: 2.84 ug/l
RT: 2.836 min Scan# 287
Delta R.T. 0.005 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

Tgt Ion: 84 Resp: 10134
Ion Ratio Lower Upper
84 100
49 118.7 88.6 132.8
51 42.0 27.0 40.6#
86 66.5 50.3 75.5

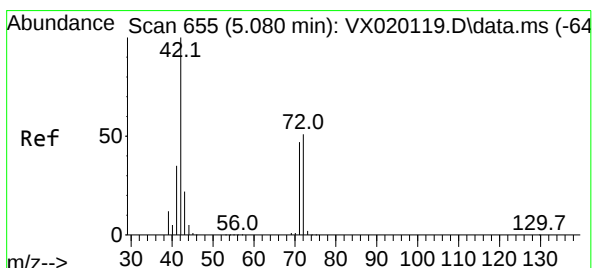
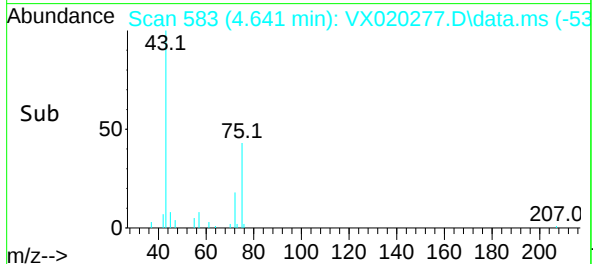
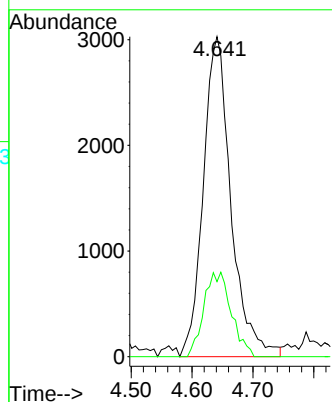
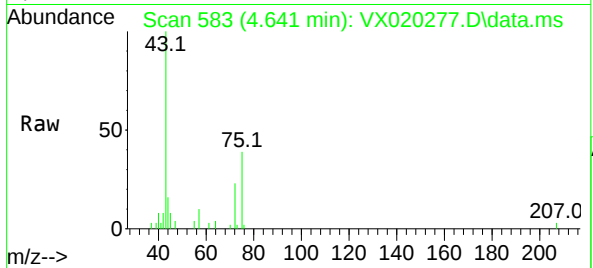




#25
2-Butanone
Concen: 4.16 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

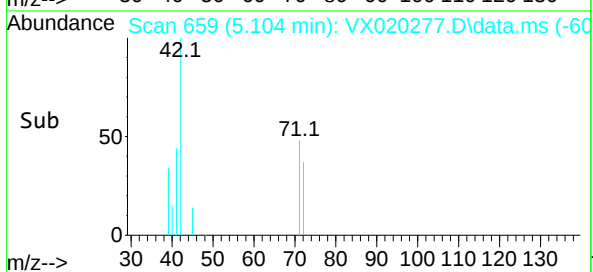
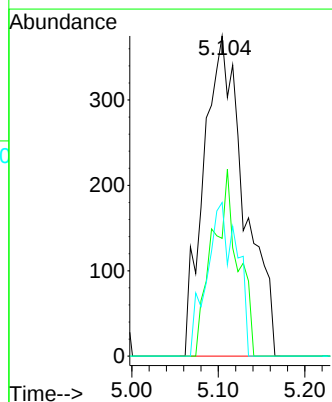
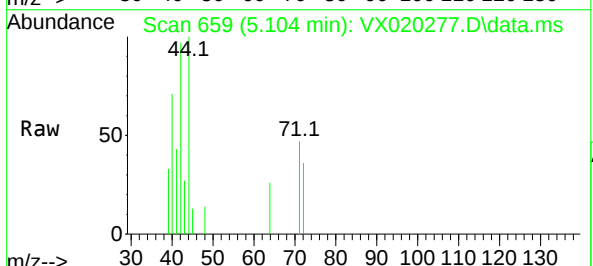
Instrument :
MSVOA_X
ClientSampled :

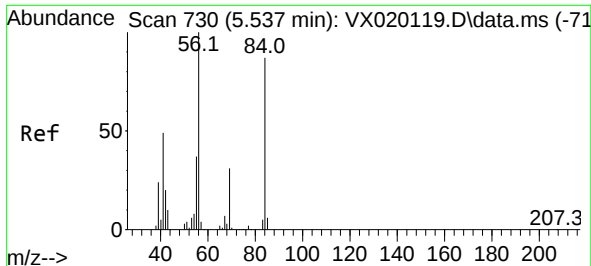
Tgt Ion: 43 Resp: 9570
Ion Ratio Lower Upper
43 100
72 23.4 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.85 ug/l
RT: 5.104 min Scan# 659
Delta R.T. 0.024 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

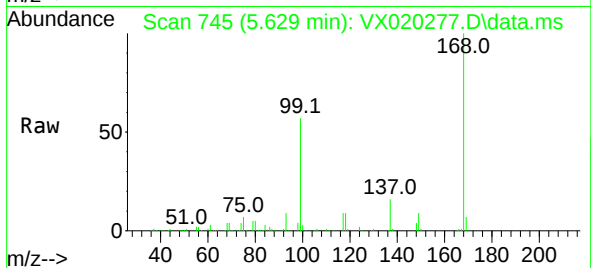
Tgt Ion: 42 Resp: 1226
Ion Ratio Lower Upper
42 100
72 36.5 41.7 62.5#
71 35.2 38.4 57.6#



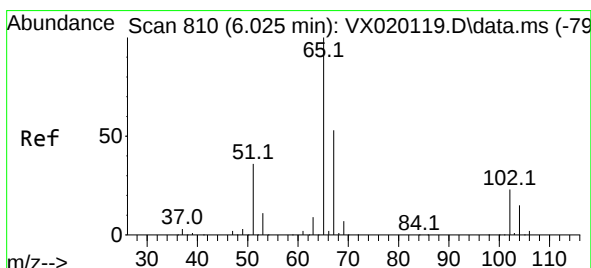
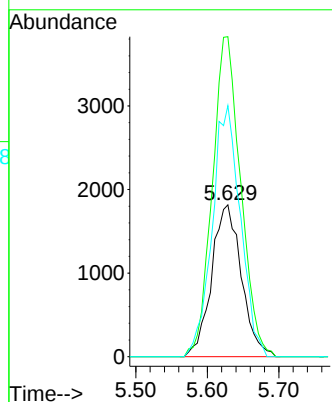
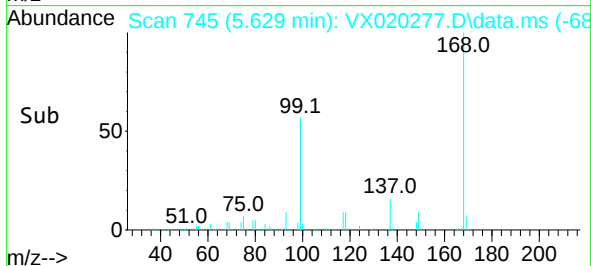


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

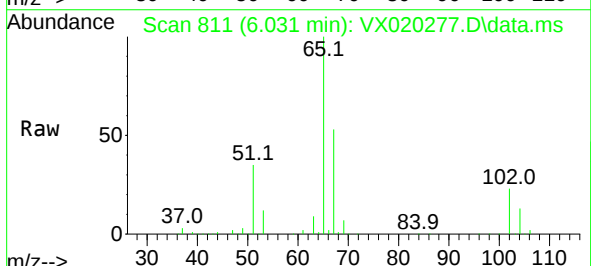
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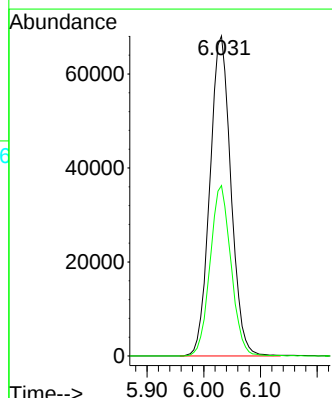
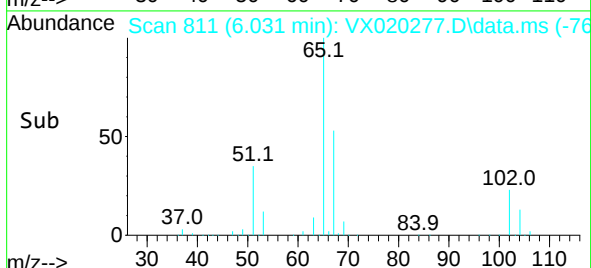
Tgt Ion: 56 Resp: 5253
Ion Ratio Lower Upper
56 100
69 210.8 25.3 37.9#
84 165.4 71.4 107.0#

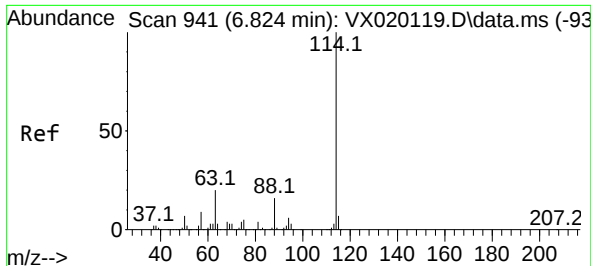


#33
1,2-Dichloroethane-d4
Concen: 50.60 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33



Tgt Ion: 65 Resp: 175436
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

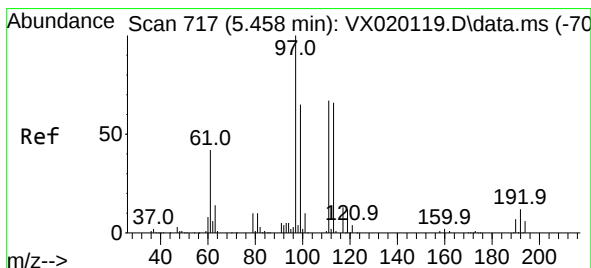
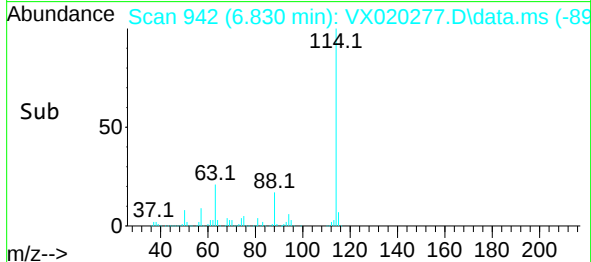
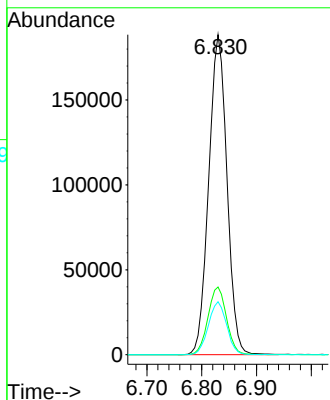
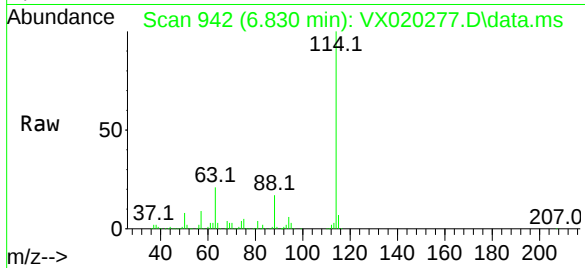




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

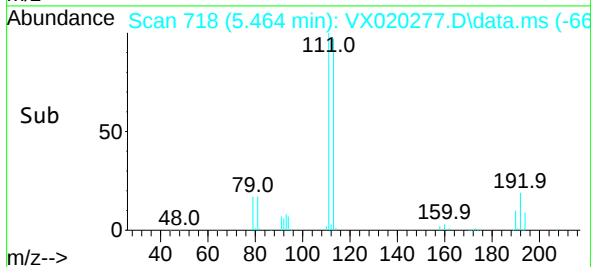
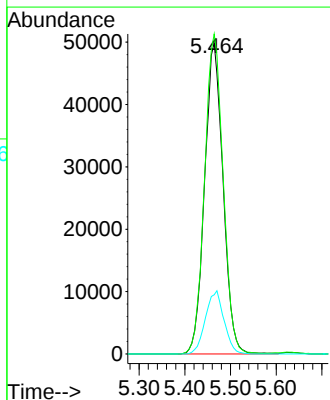
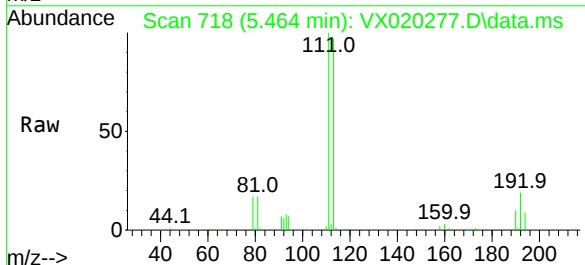
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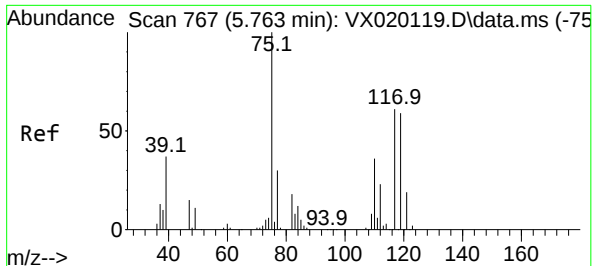
Tgt Ion:114 Resp: 434580
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.26 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

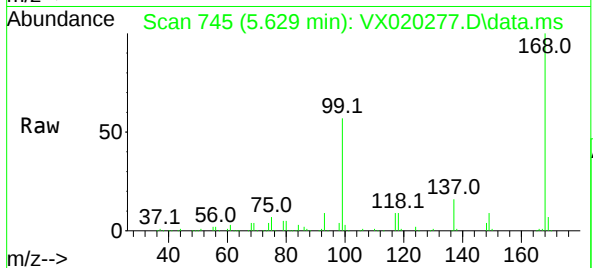
Tgt Ion:113 Resp: 139730
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 20.4 16.7 25.1



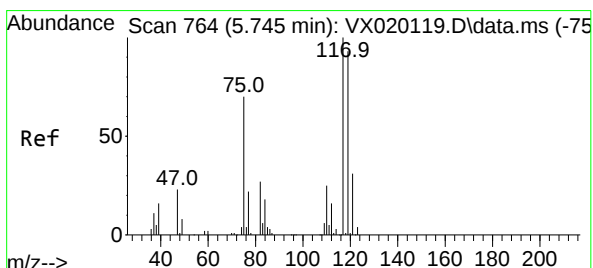
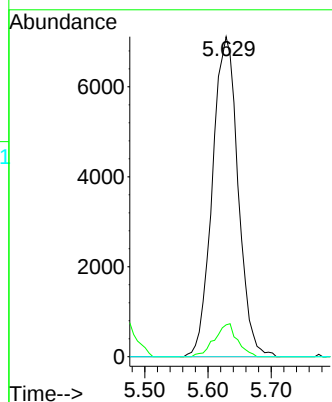
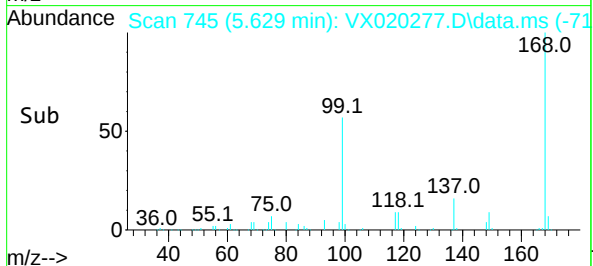


#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

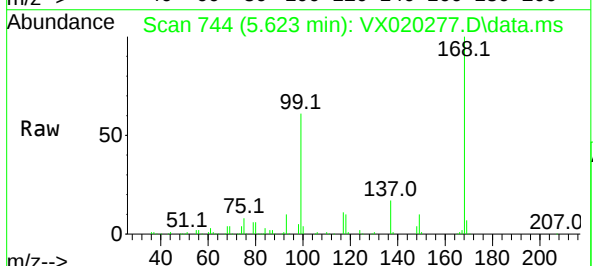
Instrument :
MSVOA_X
ClientSampleId :



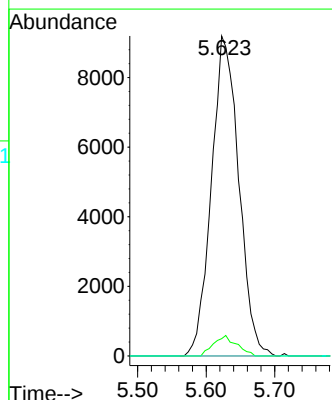
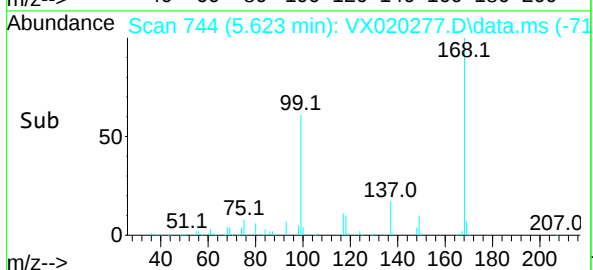
Tgt Ion: 75 Resp: 20043
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#

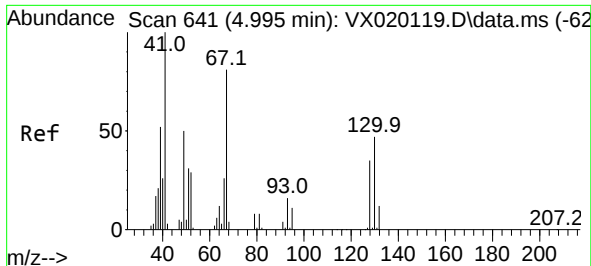


#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33



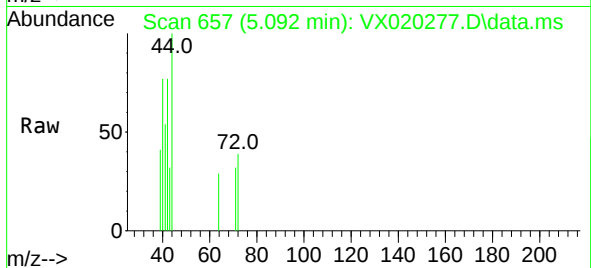
Tgt Ion: 117 Resp: 25462
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



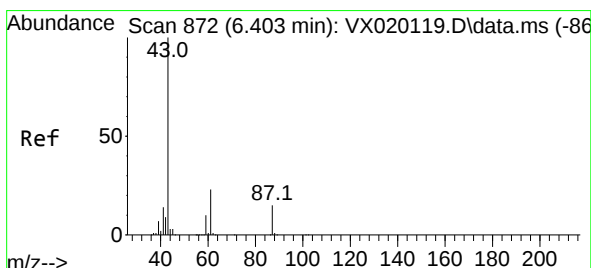
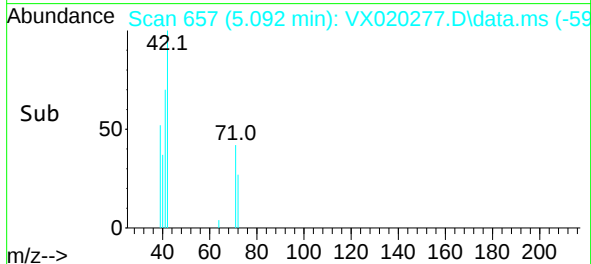
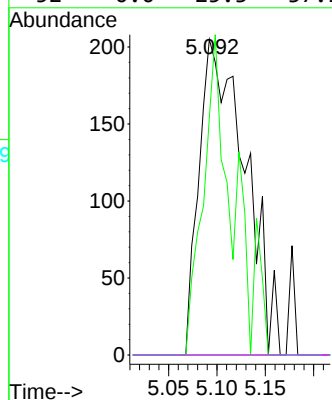


#41
Methacrylonitrile
Concen: 0.28 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.097 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

Instrument :
MSVOA_X
ClientSampled :

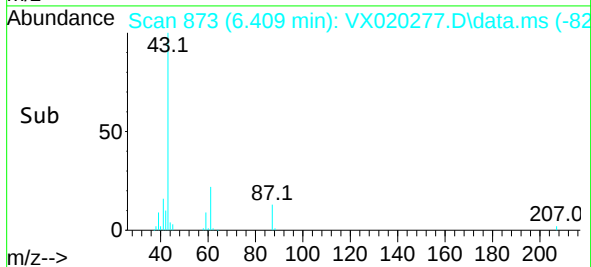
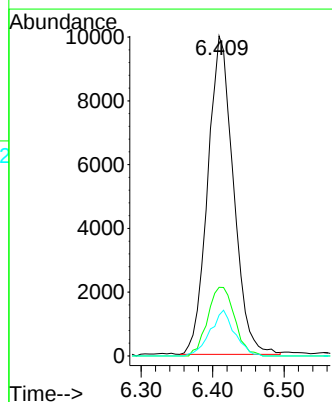
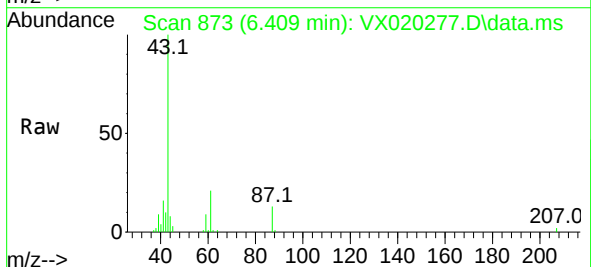


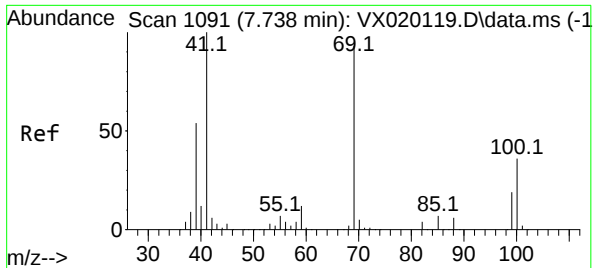
Tgt Ion:	41	Resp:	677
Ion	Ratio	Lower	Upper
41	100		
39	48.2	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 3.53 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

Tgt Ion:	43	Resp:	24887
Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.2	27.4
87	13.7	12.5	18.7

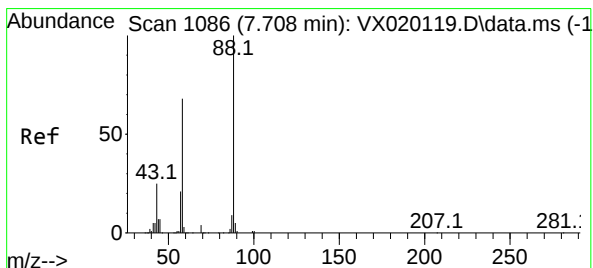
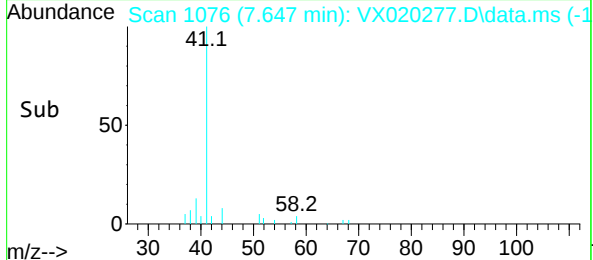
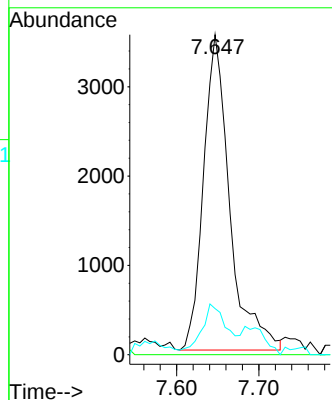
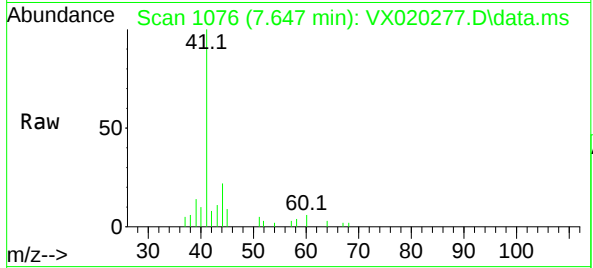




#48
Methyl methacrylate
Concen: 2.27 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

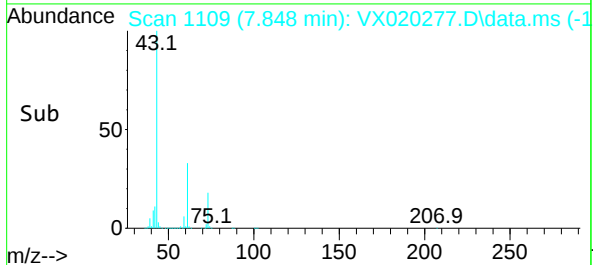
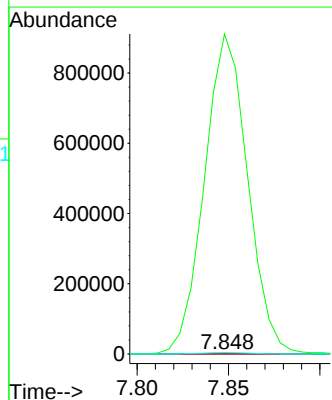
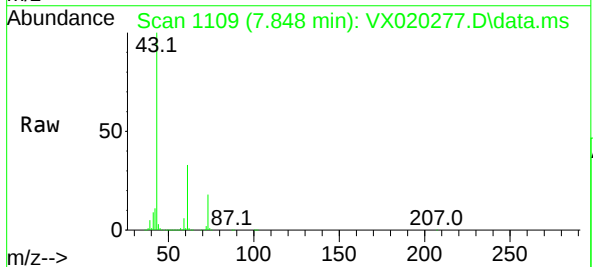
Instrument :
MSVOA_X
ClientSampleId :

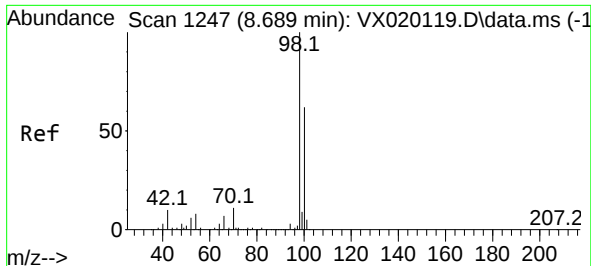
Tgt Ion: 41 Resp: 7845
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.67 ug/l
RT: 7.848 min Scan# 1109
Delta R.T. 0.140 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

Tgt Ion: 88 Resp: 297
Ion Ratio Lower Upper
88 100
43 506893.3 23.2 34.8#
58 2664.0 55.0 82.4#





#50

Toluene-d8

Concen: 51.82 ug/l

RT: 8.695 min Scan# 1248

Delta R.T. 0.006 min

Lab File: VX020277.D

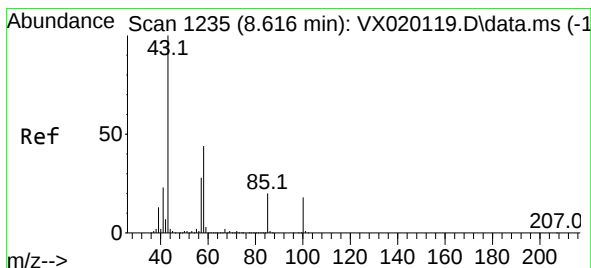
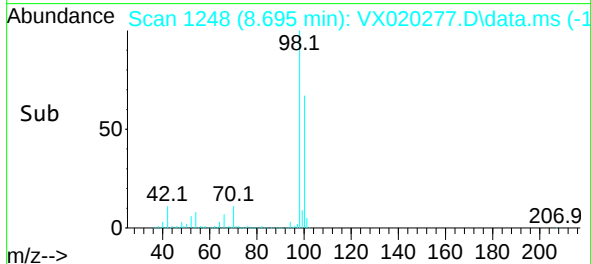
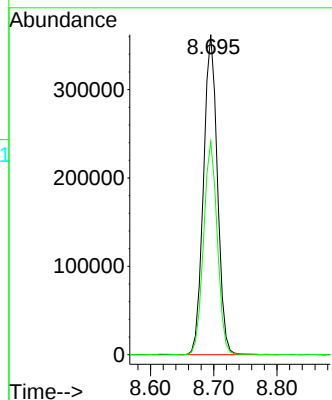
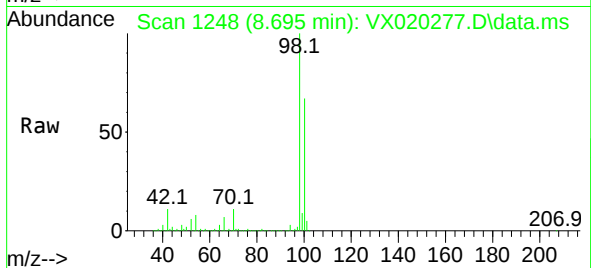
Acq: 22 Dec 2020 02:33

Tgt Ion: 98 Resp: 554537

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 20.73 ug/l

RT: 8.592 min Scan# 1231

Delta R.T. -0.024 min

Lab File: VX020277.D

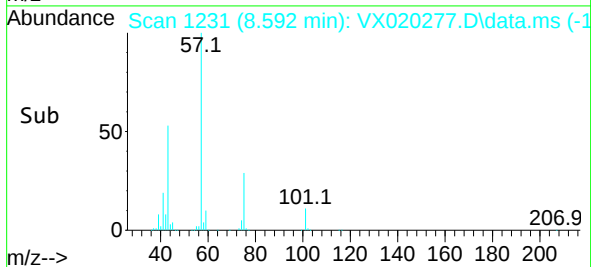
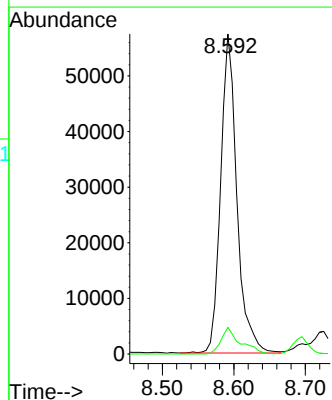
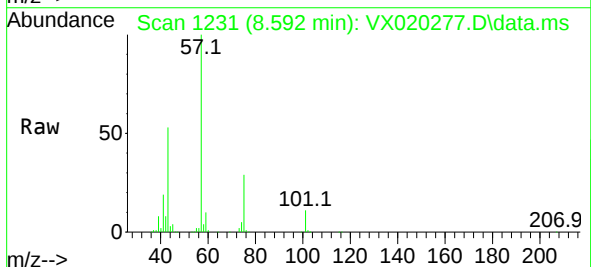
Acq: 22 Dec 2020 02:33

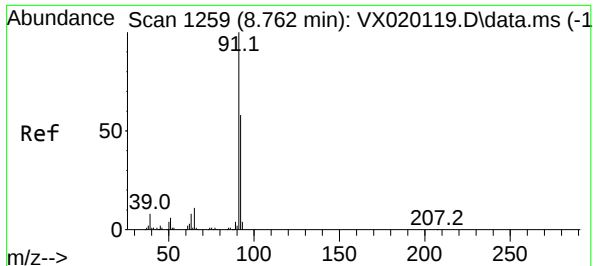
Tgt Ion: 43 Resp: 90429

Ion Ratio Lower Upper

43 100

58 9.8 35.4 53.0#

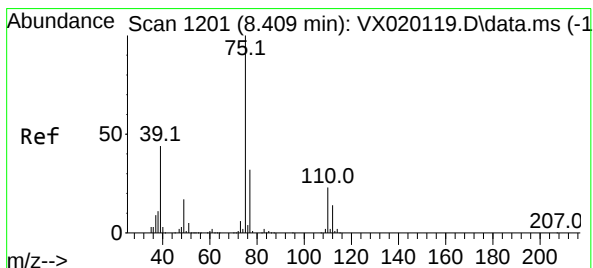
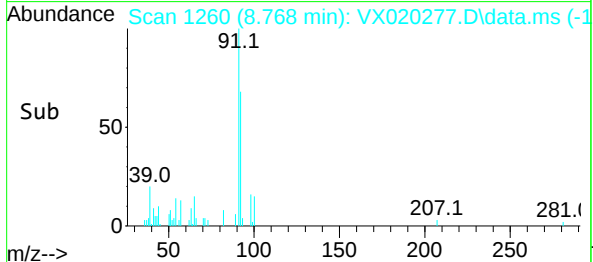
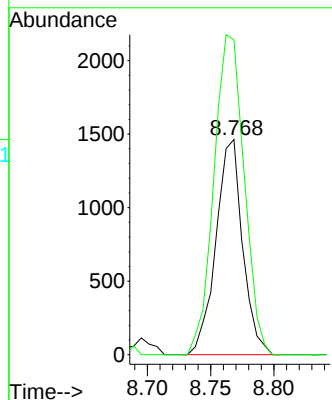
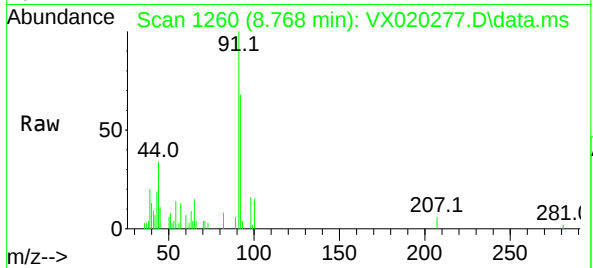




#52
Toluene
Concen: 0.26 ug/l
RT: 8.768 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

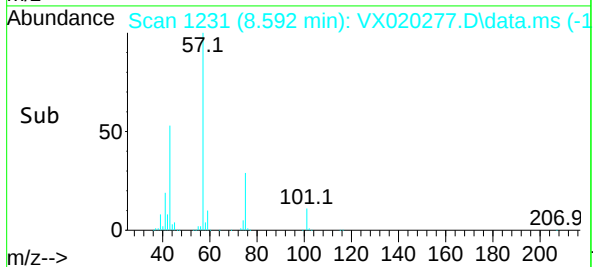
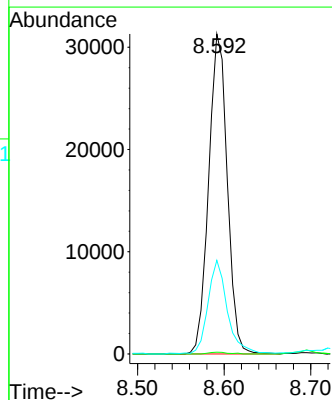
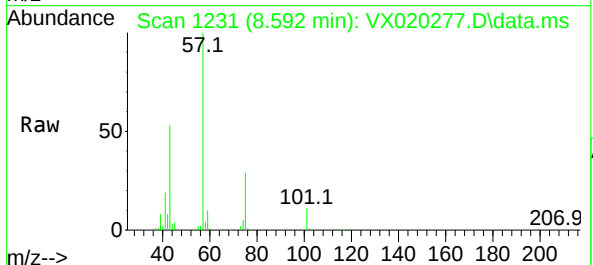
Instrument :
MSVOA_X
ClientSampled :

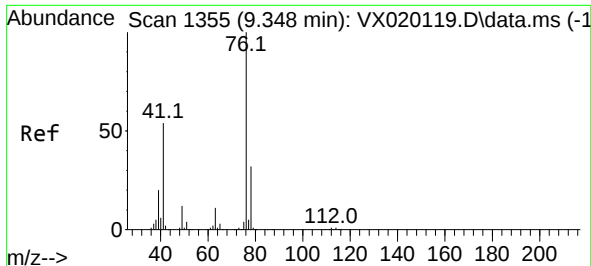
Tgt Ion: 92 Resp: 2146
Ion Ratio Lower Upper
92 100
91 168.7 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 8.78 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

Tgt Ion: 75 Resp: 46716
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 29.1 35.1 52.7#

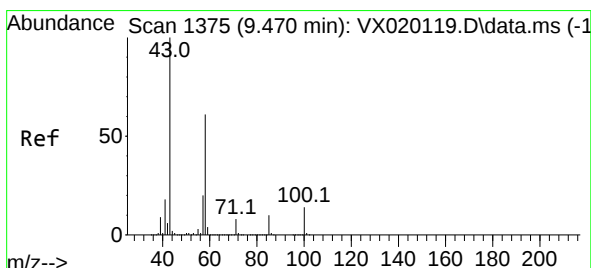
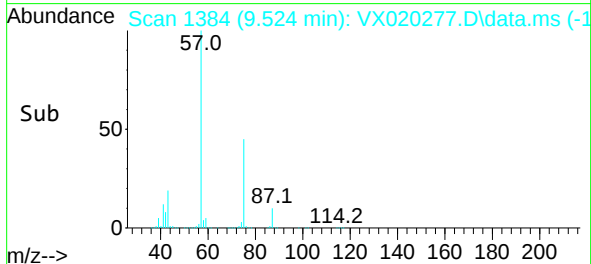
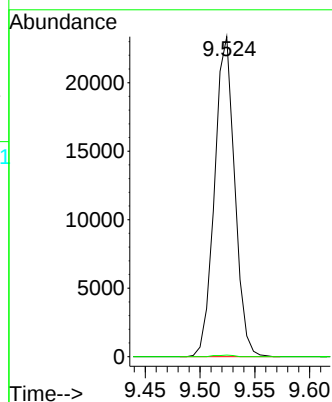
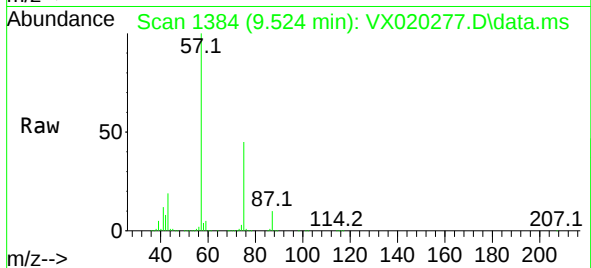




#57
1,3-Dichloropropane
Concen: 5.21 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.176 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

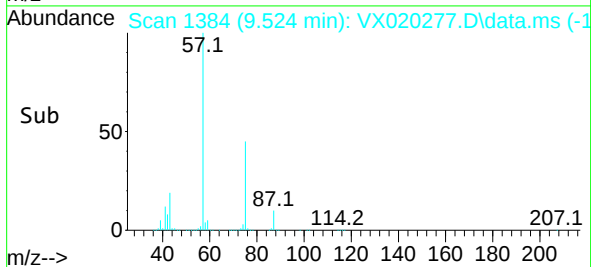
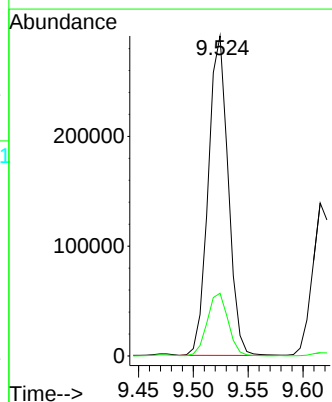
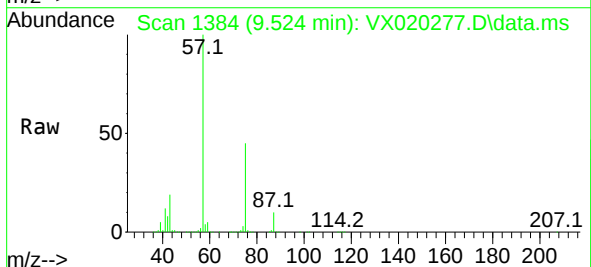
Instrument :
MSVOA_X
ClientSampled :

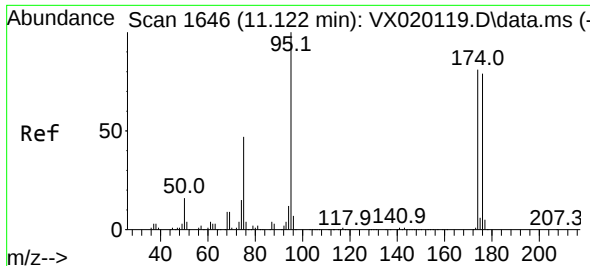
Tgt Ion: 76 Resp: 29859
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#



#59
2-Hexanone
Concen: 110.45 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.054 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

Tgt Ion: 43 Resp: 367170
Ion Ratio Lower Upper
43 100
58 20.5 30.9 92.8#

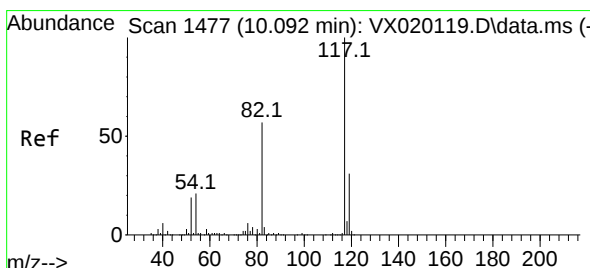
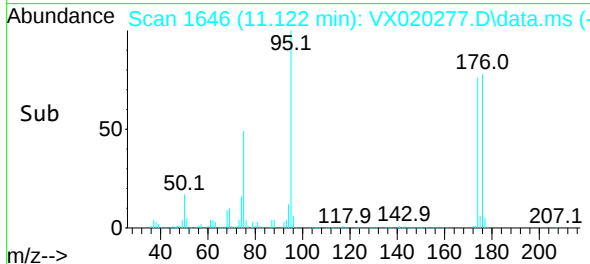
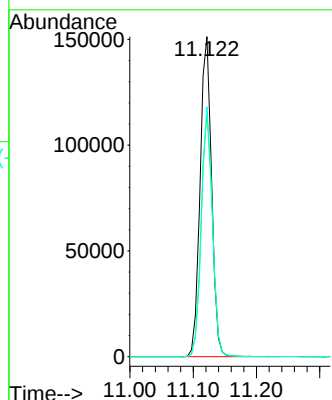
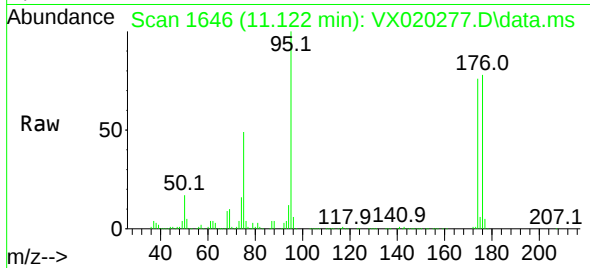




#62
4-Bromofluorobenzene
Concen: 46.64 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

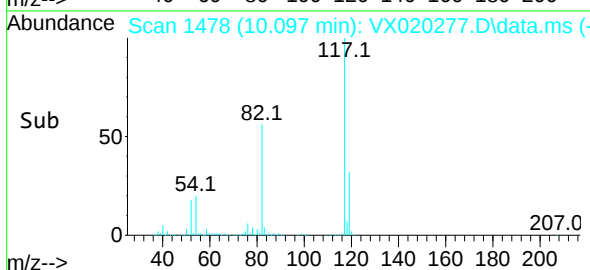
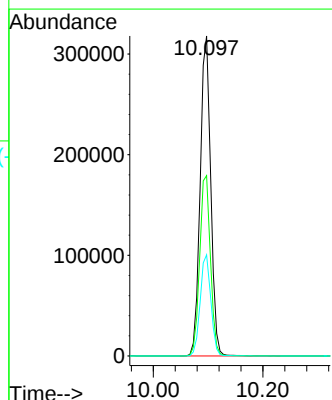
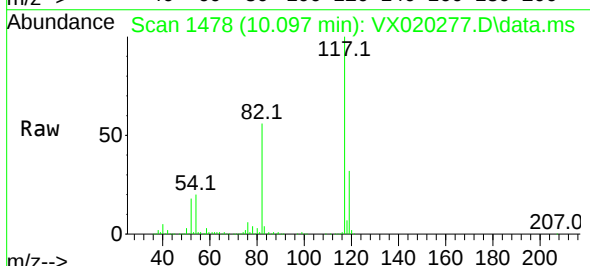
Instrument :
MSVOA_X
ClientSampleId :

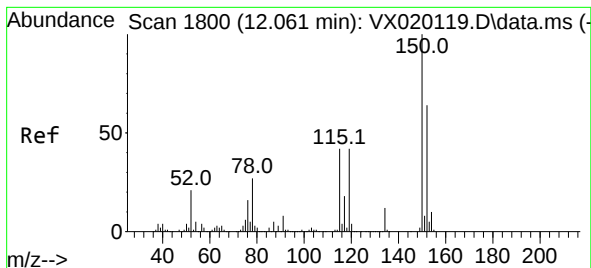
Tgt Ion: 95 Resp: 190998
Ion Ratio Lower Upper
95 100
174 75.7 0.0 154.6
176 75.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

Tgt Ion: 117 Resp: 425365
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.6 26.6 39.8

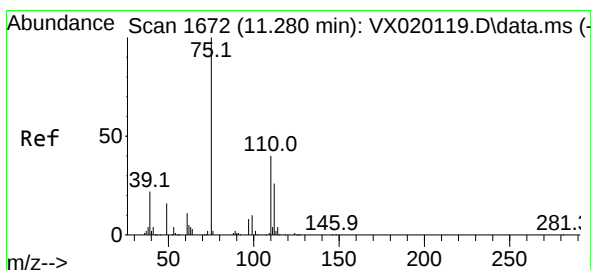
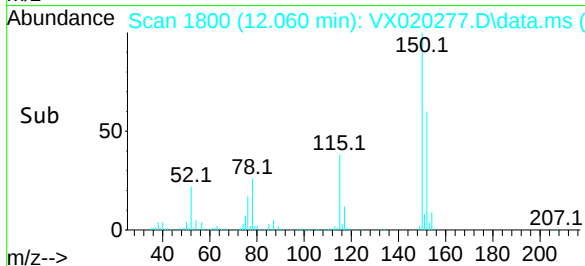
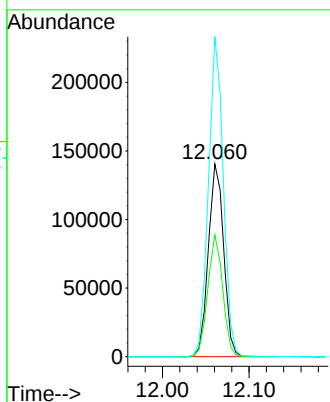
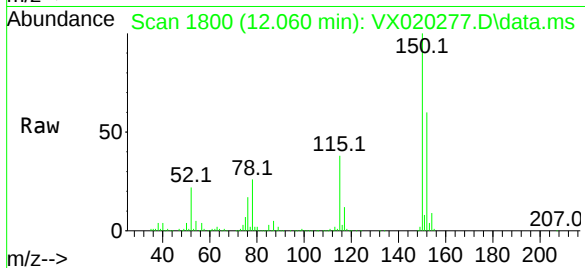




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.060 min Scan# 1800
 Delta R.T. -0.001 min
 Lab File: VX020277.D
 Acq: 22 Dec 2020 02:33

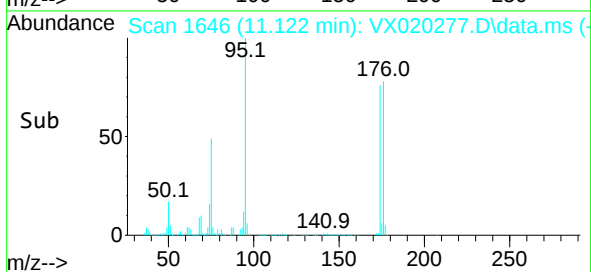
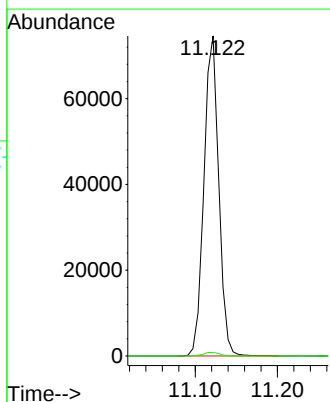
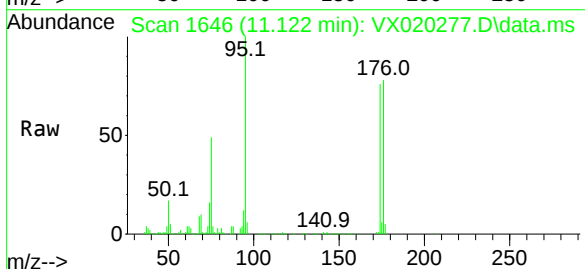
Instrument :
 MSVOA_X
 ClientSampled :

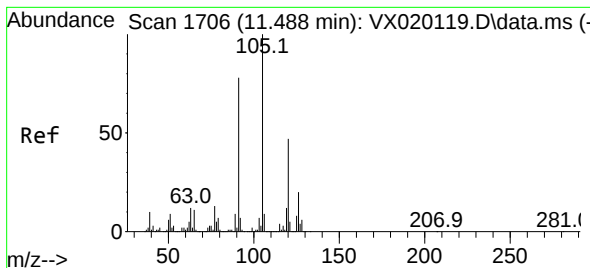
Tgt Ion:152 Resp: 172829
 Ion Ratio Lower Upper
 152 100
 115 61.4 41.1 123.3
 150 160.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.88 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.158 min
 Lab File: VX020277.D
 Acq: 22 Dec 2020 02:33

Tgt Ion: 75 Resp: 93150
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

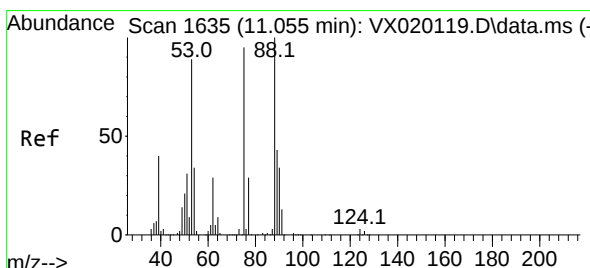
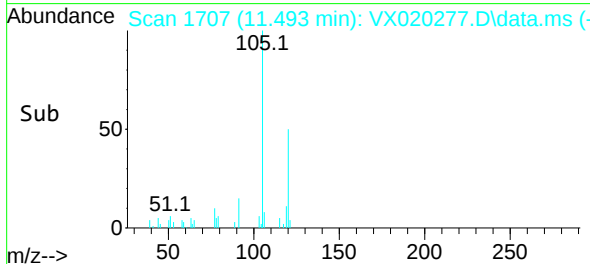
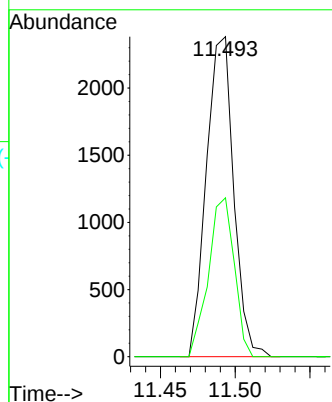
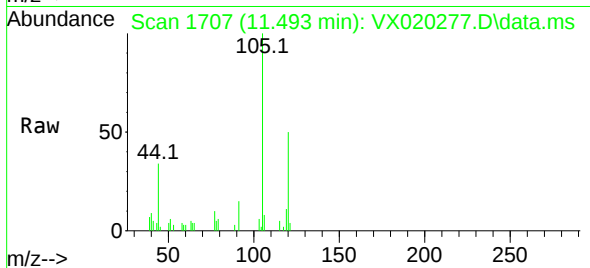




#80
1,3,5-Trimethylbenzene
Concen: 0.29 ug/l
RT: 11.493 min Scan# 1707
Delta R.T. 0.005 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 3026
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 64.91 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020277.D
Acq: 22 Dec 2020 02:33

Tgt Ion: 75 Resp: 93150
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

