

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122920\
 Data File : VX020437.D
 Acq On : 29 Dec 2020 16:19
 Operator : JC/MD
 Sample : L5236-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1021-MW-16(22.5)

Quant Time: Dec 30 02:38:11 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)

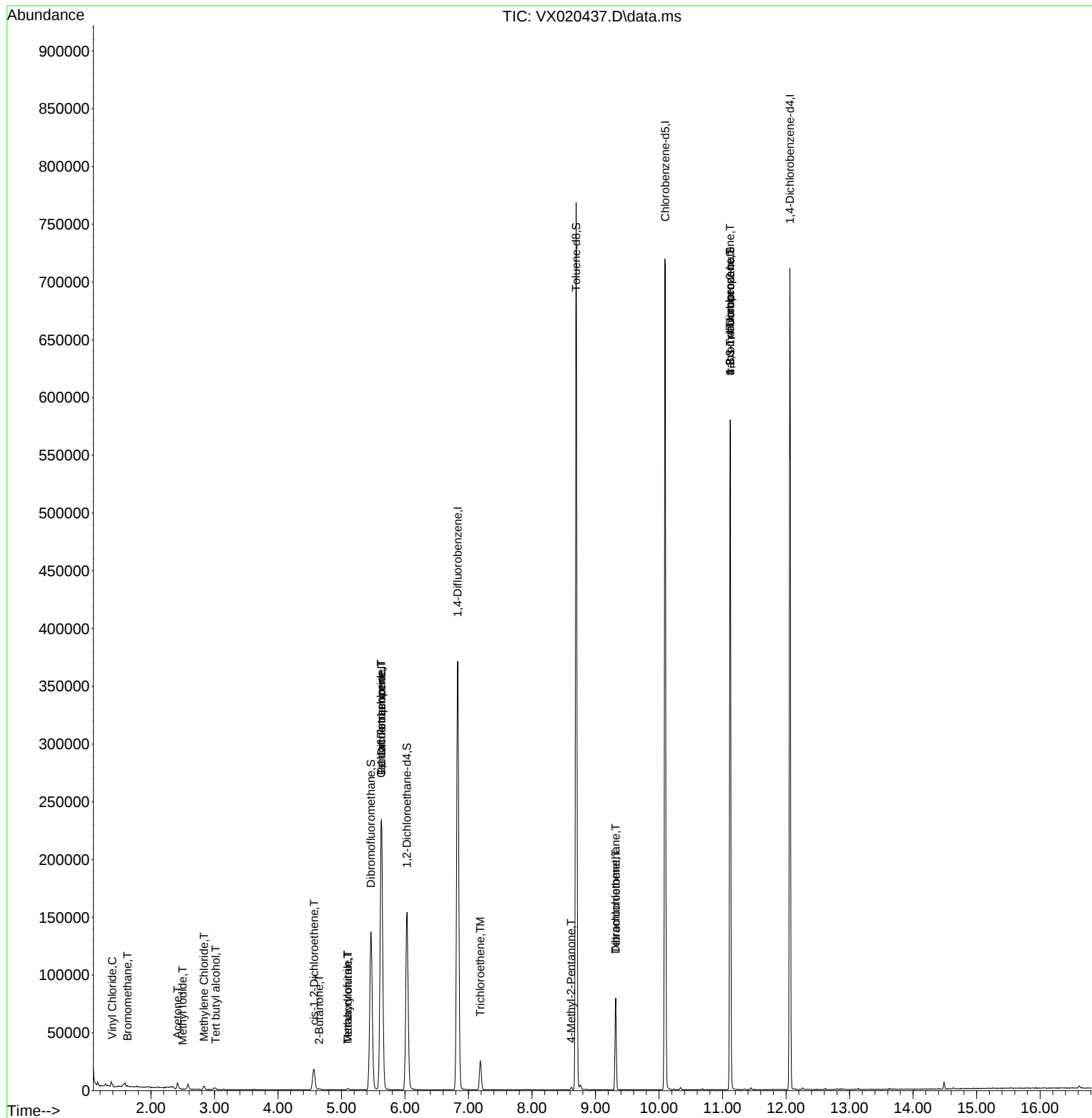
Internal Standards						
1) Pentafluorobenzene	5.629	168	232805	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	384357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	348678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	149581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	141791	45.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.88%		
35) Dibromofluoromethane	5.464	113	120698	49.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.18%		
50) Toluene-d8	8.695	98	459023	48.50	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.00%		
62) 4-Bromofluorobenzene	11.122	95	161469	44.58	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.16%		
Target Compounds					Qvalue	
4) Vinyl Chloride	1.392	62	699	0.22	ug/l #	49
5) Bromomethane	1.630	94	444	0.43	ug/l	85
10) Methyl Iodide	2.495	142	131	3.32	ug/l #	42
11) Tert butyl alcohol	3.020	59	1922	2.75	ug/l #	88
16) Acetone	2.416	43	5621	3.95	ug/l	97
20) Methylene Chloride	2.837	84	1413	0.44	ug/l	98
25) 2-Butanone	4.647	43	1242	0.60	ug/l	98
27) cis-1,2-Dichloroethene	4.568	96	11754	3.61	ug/l	91
29) Tetrahydrofuran	5.099	42	908	0.70	ug/l #	71
36) 1,1-Dichloropropene	5.629	75	17191	4.53	ug/l #	48
38) Carbon Tetrachloride	5.623	117	22951	6.35	ug/l #	17
41) Methacrylonitrile	5.099	41	611	0.29	ug/l #	35
44) Trichloroethene	7.184	130	9895	3.24	ug/l	100
51) 4-Methyl-2-Pentanone	8.616	43	1414	0.37	ug/l	92
60) Dibromochloromethane	9.317	129	14851	5.03	ug/l #	11
64) Tetrachloroethene	9.317	164	15893	6.05	ug/l	95
76) 1,2,3-Trichloropropane	11.122	75	74212	20.14	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	74212	59.75	ug/l #	12

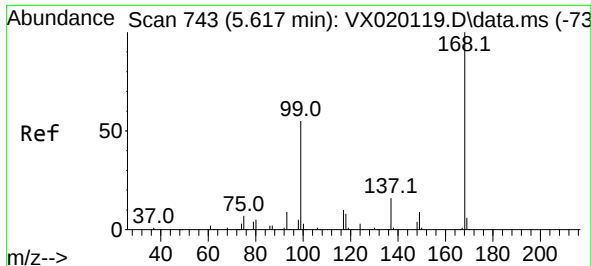
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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1021-MW-16(22.5)

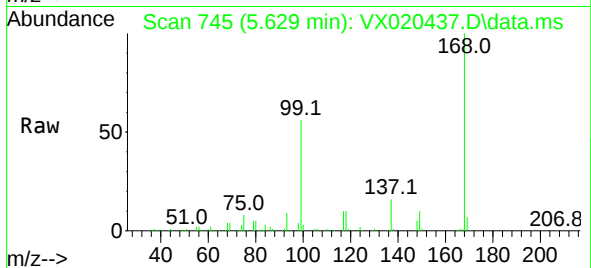
Quant Time: Dec 30 02:38:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
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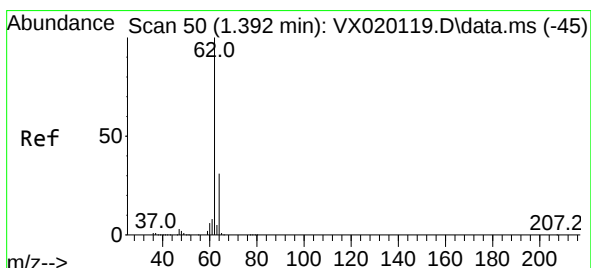
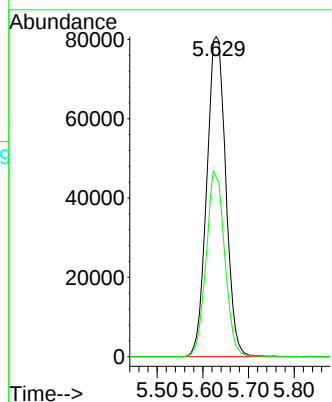
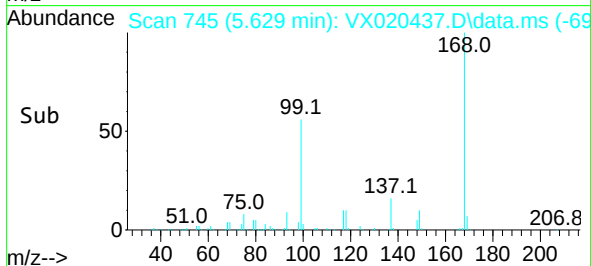


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

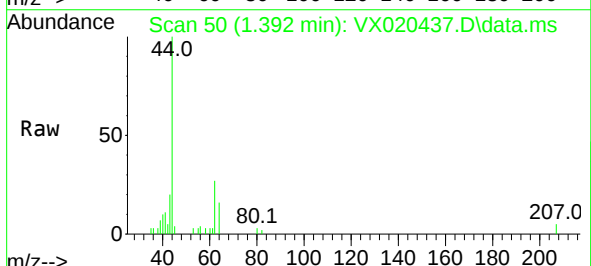
Instrument :
MSVOA_X
ClientSampleId :
1021-MW-16(22.5)



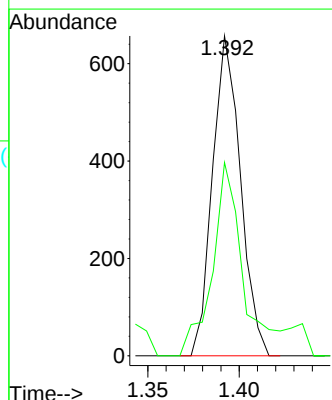
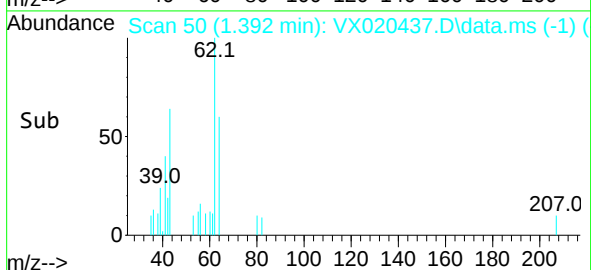
Tgt Ion:168 Resp: 232805
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.6

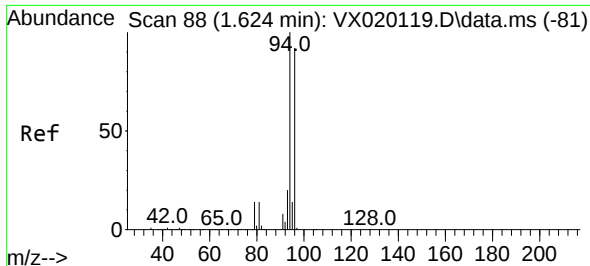


#4
Vinyl Chloride
Concen: 0.22 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19



Tgt Ion: 62 Resp: 699
Ion Ratio Lower Upper
62 100
64 60.4 25.7 38.5#

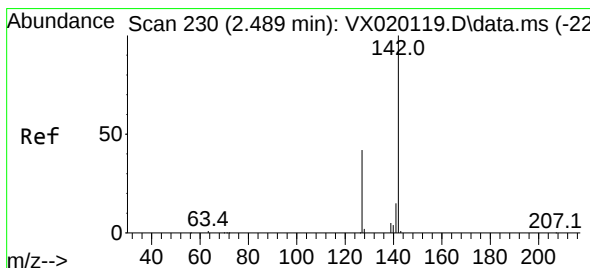
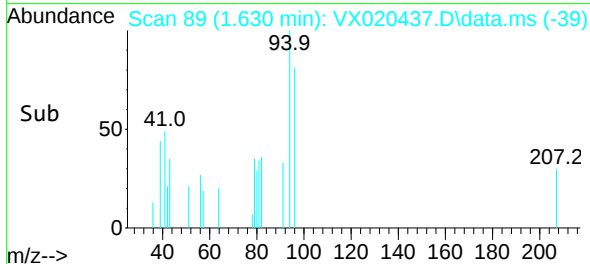
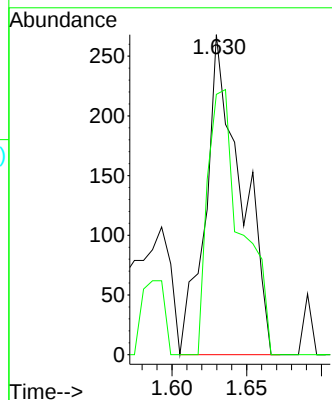
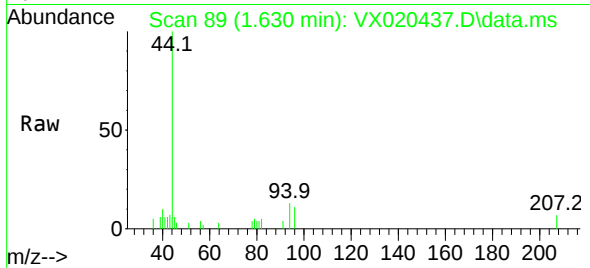




#5
Bromomethane
Concen: 0.43 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

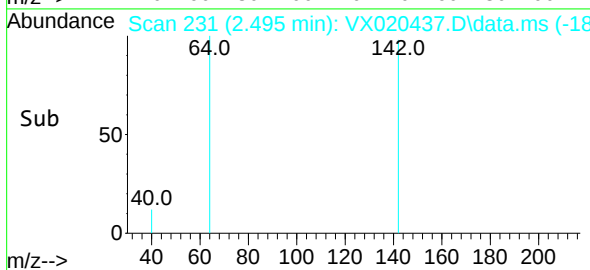
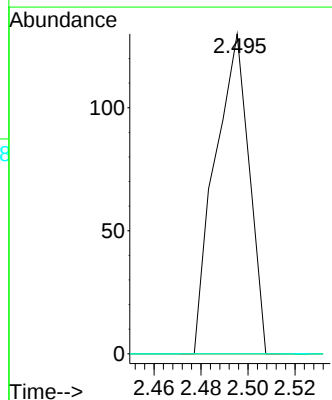
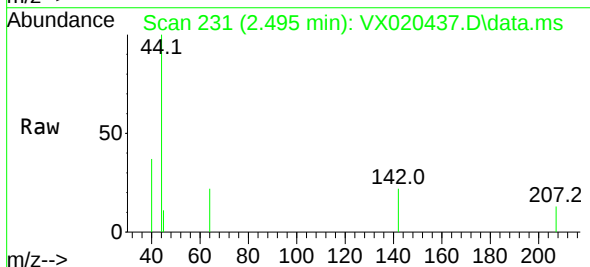
Instrument :
MSVOA_X
ClientSampleId :
1021-MW-16(22.5)

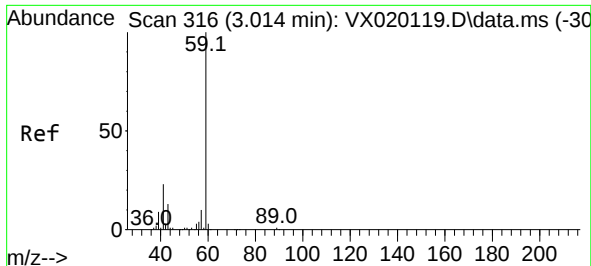
Tgt Ion: 94 Resp: 444
Ion Ratio Lower Upper
94 100
96 81.3 76.4 114.6



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

Tgt Ion:142 Resp: 131
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

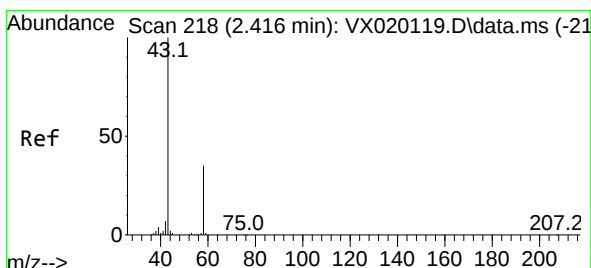
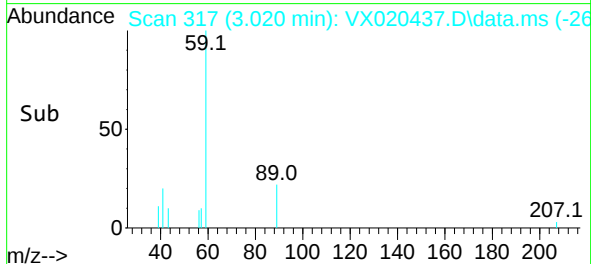
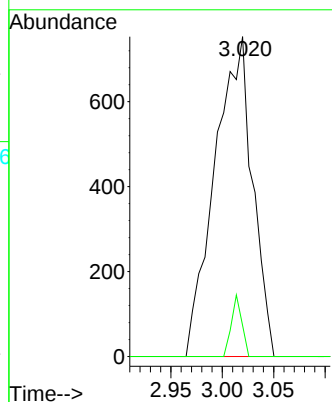
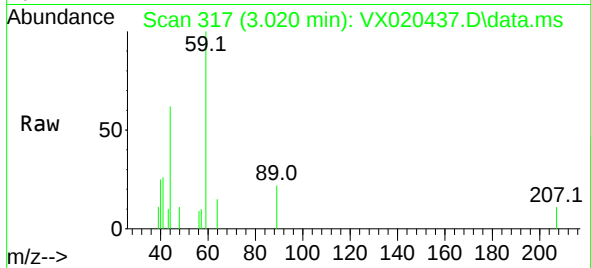




#11
Tert butyl alcohol
Concen: 2.75 ug/l
RT: 3.020 min Scan# 317
Delta R.T. 0.006 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

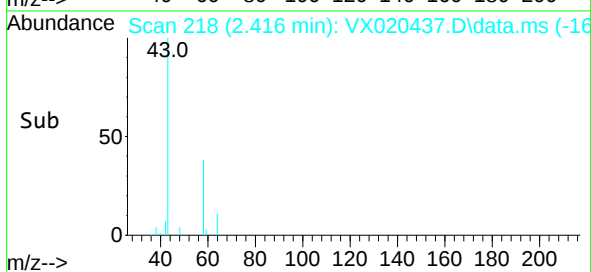
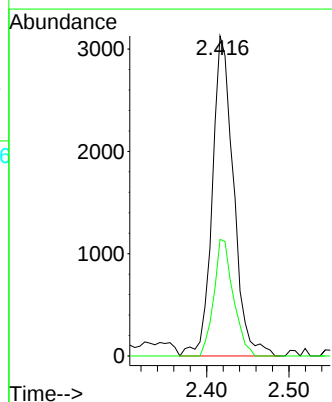
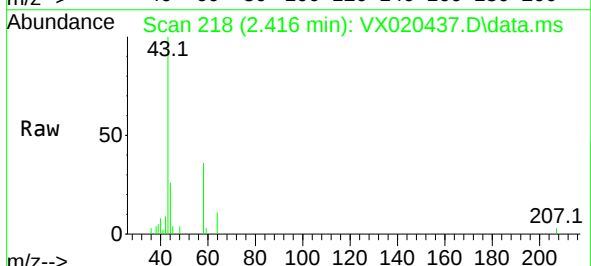
Instrument :
MSVOA_X
ClientSampleId :
1021-MW-16(22.5)

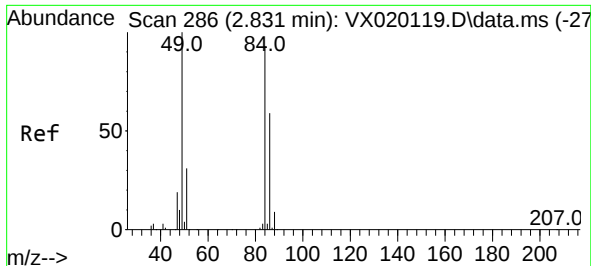
Tgt Ion: 59 Resp: 1922
Ion Ratio Lower Upper
59 100
57 5.3 7.8 11.8#



#16
Acetone
Concen: 3.95 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

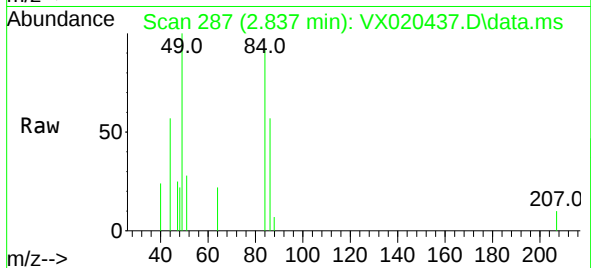
Tgt Ion: 43 Resp: 5621
Ion Ratio Lower Upper
43 100
58 36.5 27.8 41.8



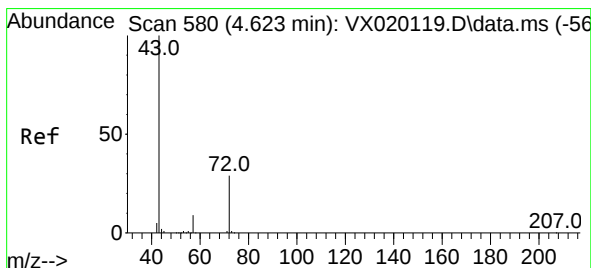
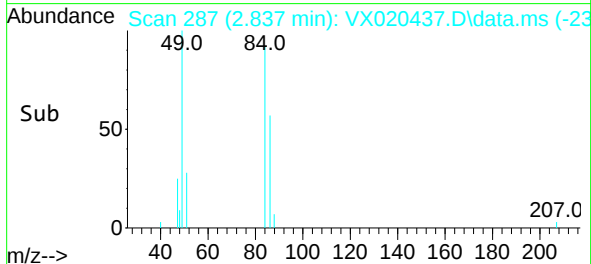
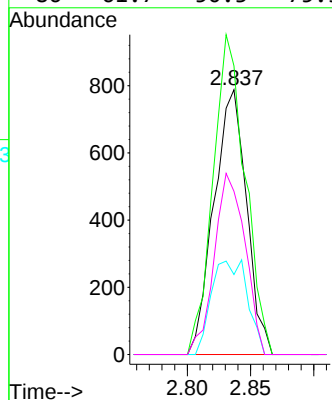


#20
Methylene Chloride
Concen: 0.44 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :
1021-MW-16(22.5)

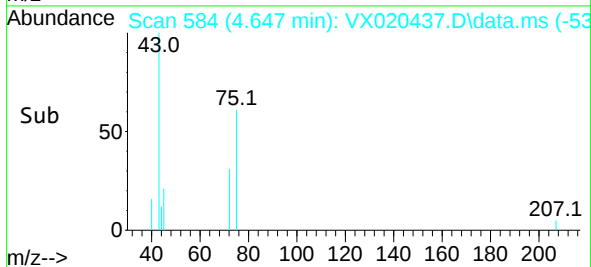
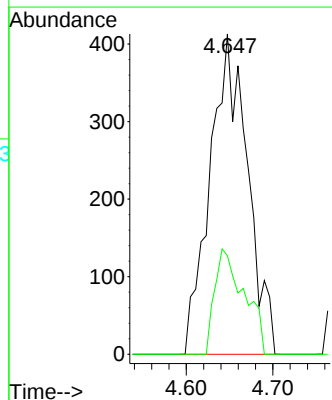
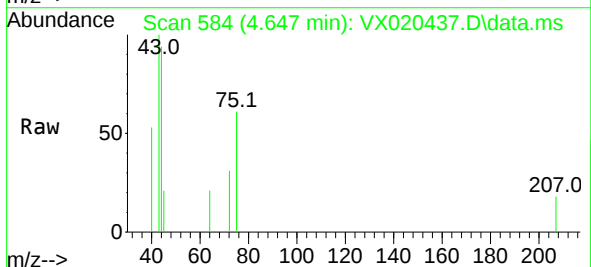


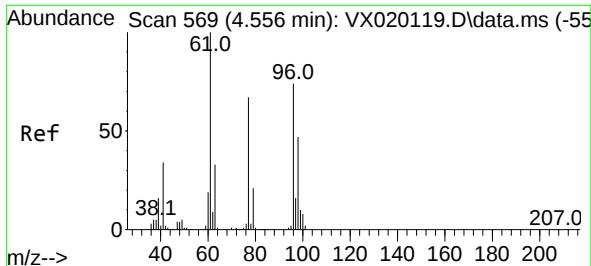
Tgt Ion:	84	Resp:	1413
Ion	Ratio	Lower	Upper
84	100		
49	109.0	88.6	132.8
51	30.2	27.0	40.6
86	61.7	50.3	75.5



#25
2-Butanone
Concen: 0.60 ug/l
RT: 4.647 min Scan# 584
Delta R.T. 0.024 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

Tgt Ion:	43	Resp:	1242
Ion	Ratio	Lower	Upper
43	100		
72	30.8	23.7	35.5





#27

cis-1,2-Dichloroethene

Concen: 3.61 ug/l

RT: 4.568 min Scan# 571

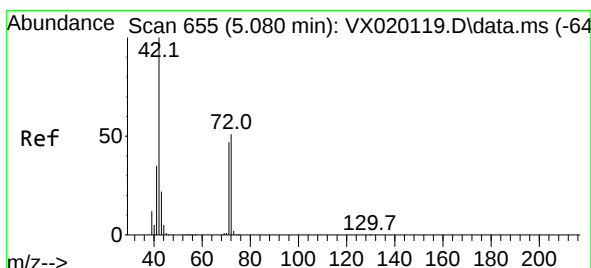
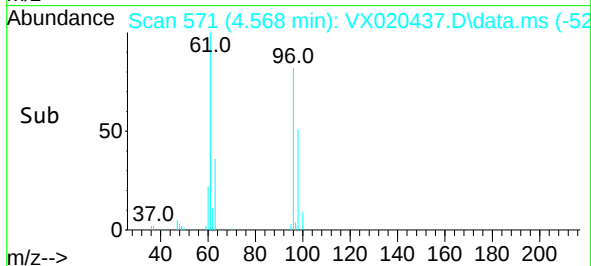
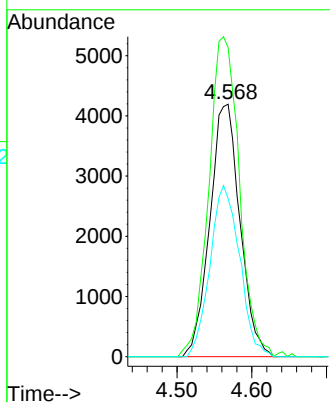
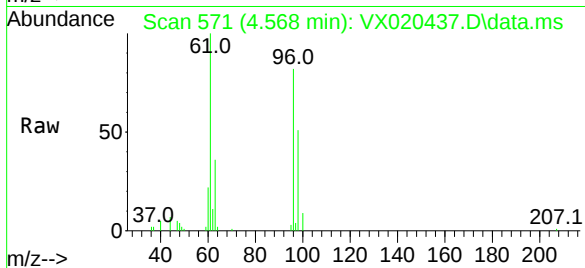
Delta R.T. 0.012 min

Lab File: VX020437.D

Acq: 29 Dec 2020 16:19

Tgt Ion: 96	Resp: 11754		
Ion Ratio	Lower	Upper	
96	100		
61	128.7	0.0	285.6
98	66.7	0.0	129.6

Instrument :
MSVOA_X
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1021-MW-16(22.5)



#29

Tetrahydrofuran

Concen: 0.70 ug/l

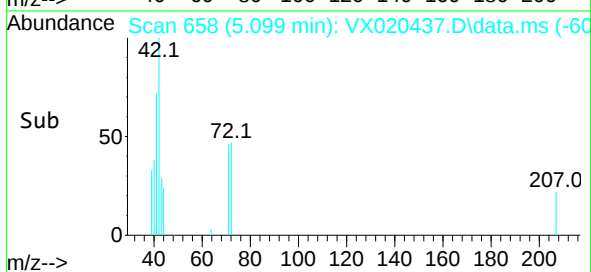
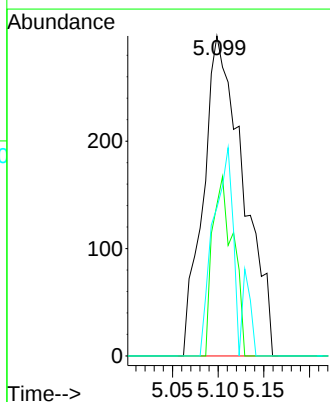
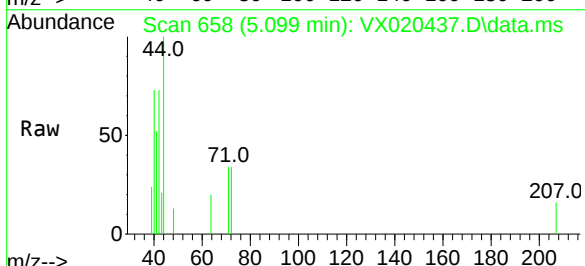
RT: 5.099 min Scan# 658

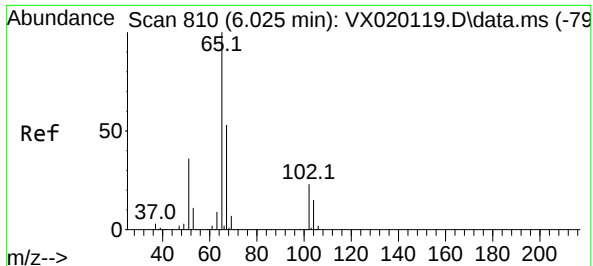
Delta R.T. 0.019 min

Lab File: VX020437.D

Acq: 29 Dec 2020 16:19

Tgt Ion: 42	Resp: 908
Ion Ratio	Lower Upper
42 100	
72 29.0	41.7 62.5#
71 31.6	38.4 57.6#





#33

1,2-Dichloroethane-d4

Concen: 45.44 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020437.D

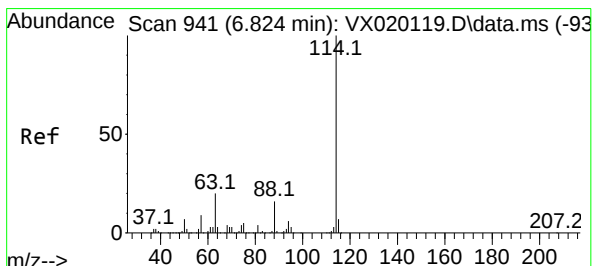
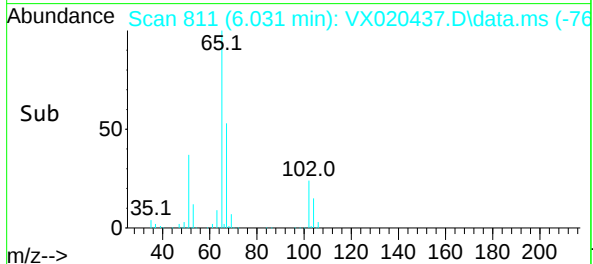
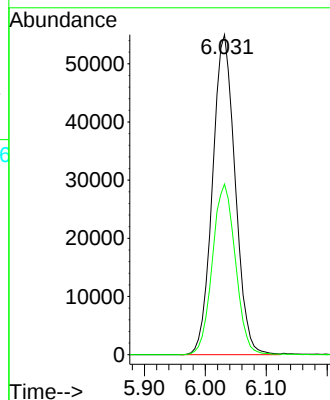
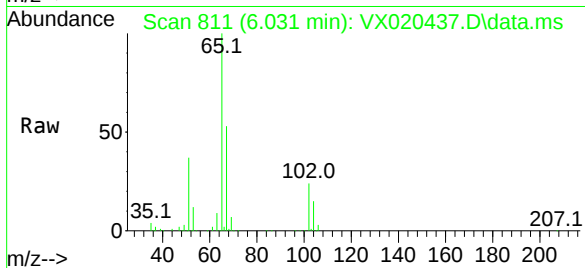
Acq: 29 Dec 2020 16:19

Tgt Ion: 65 Resp: 141791

Ion Ratio Lower Upper

65 100

67 54.3 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: VX020437.D

Acq: 29 Dec 2020 16:19

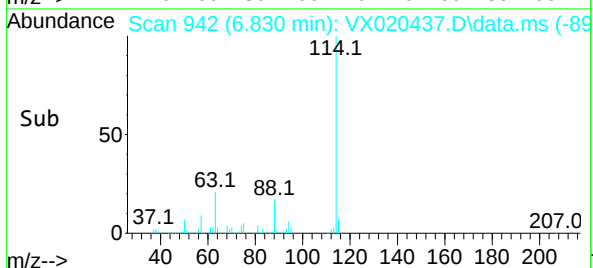
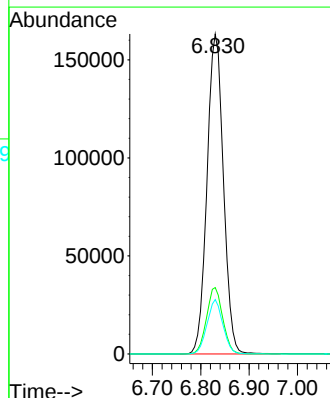
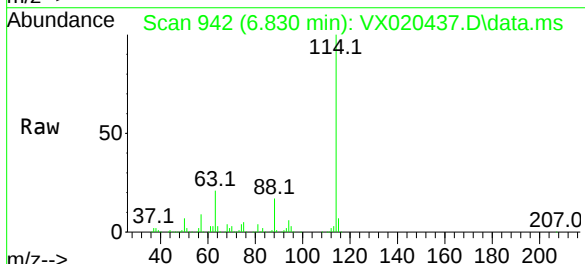
Tgt Ion: 114 Resp: 384357

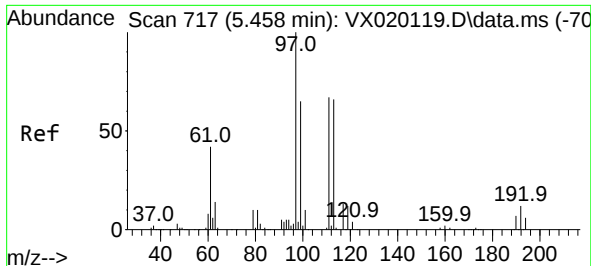
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

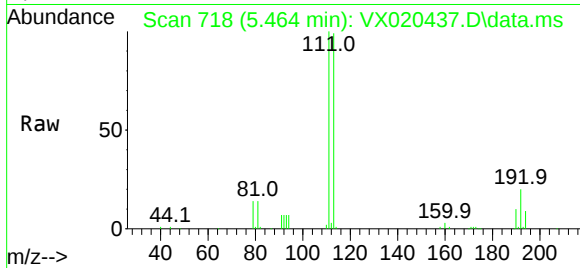
88 17.0 0.0 32.8



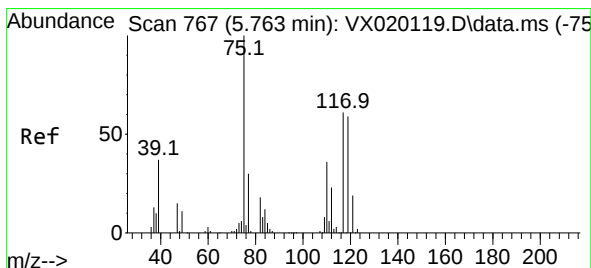
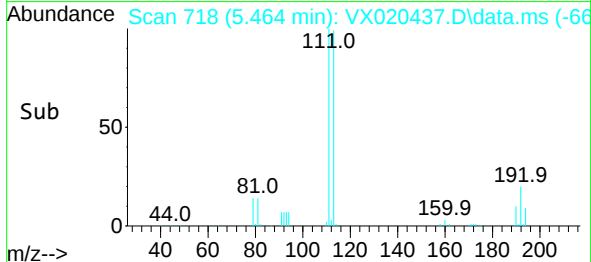
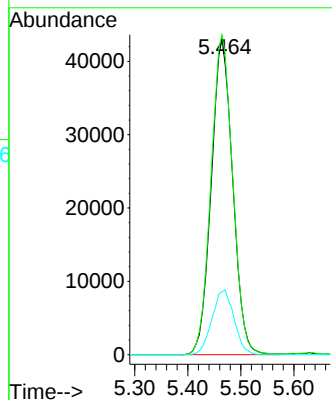


#35
Dibromofluoromethane
Concen: 49.09 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :
1021-MW-16(22.5)

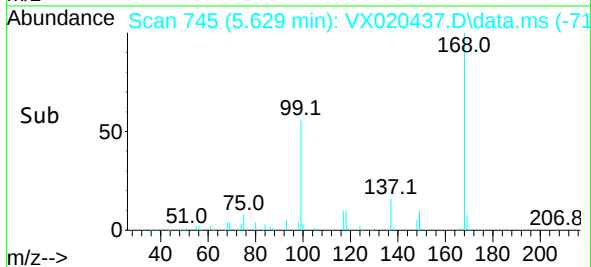
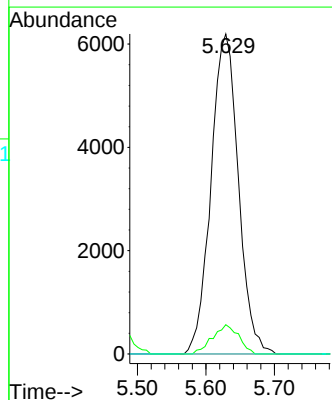
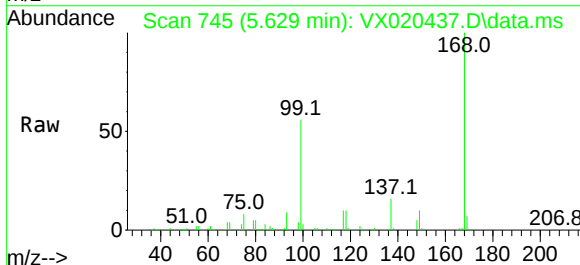


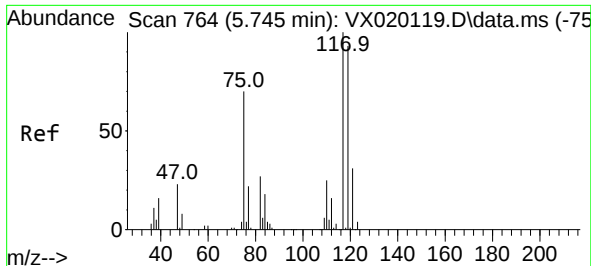
Tgt Ion:113 Resp: 120698
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 21.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

Tgt Ion: 75 Resp: 17191
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#

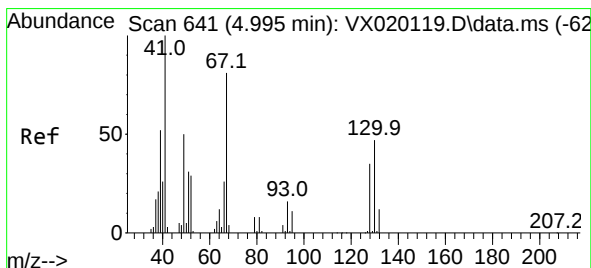
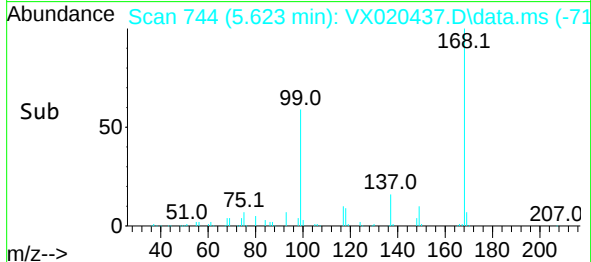
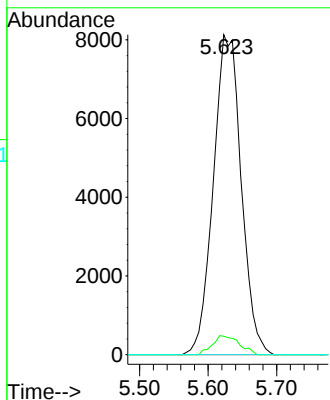
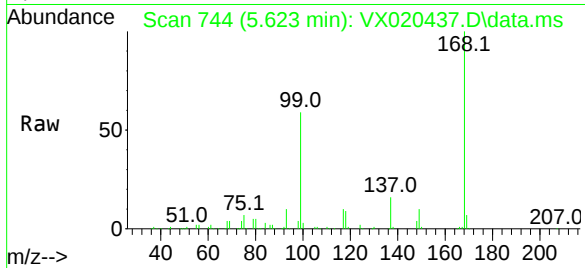




#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

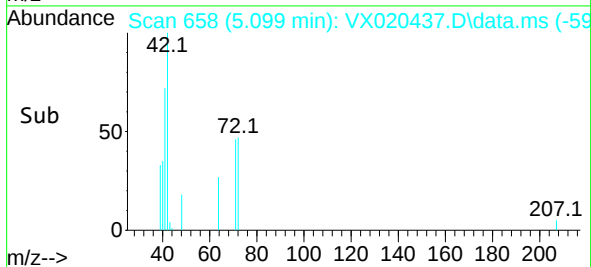
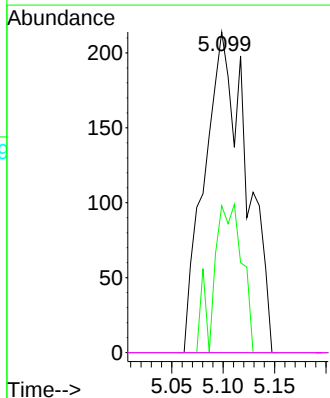
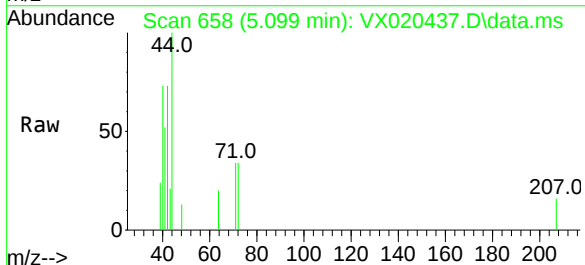
Instrument :
MSVOA_X
ClientSampleId :
1021-MW-16(22.5)

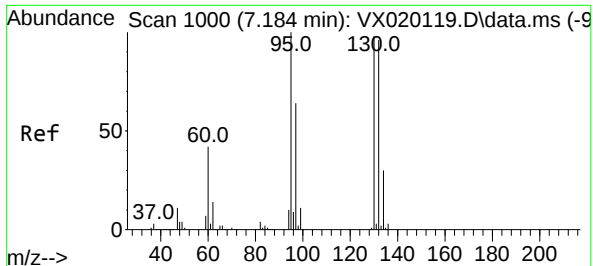
Tgt Ion:117 Resp: 22951
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.29 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.104 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

Tgt Ion: 41 Resp: 611
Ion Ratio Lower Upper
41 100
39 31.3 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

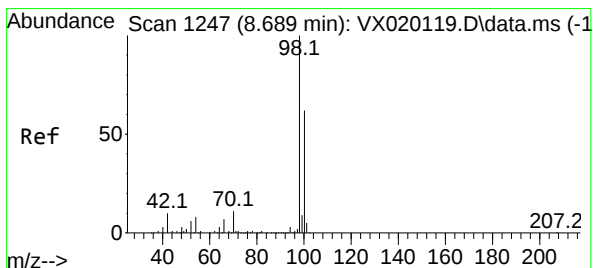
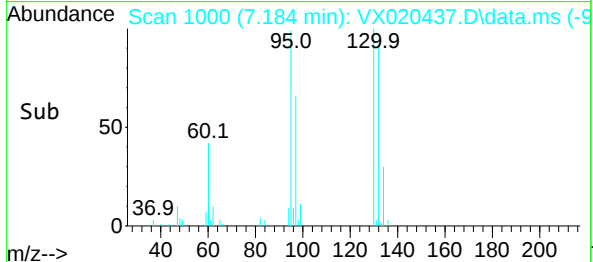
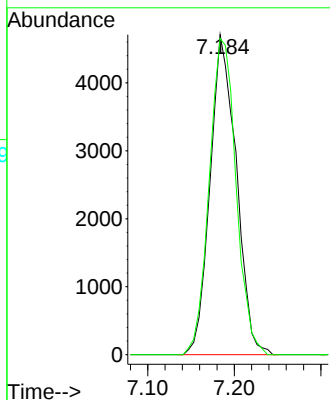
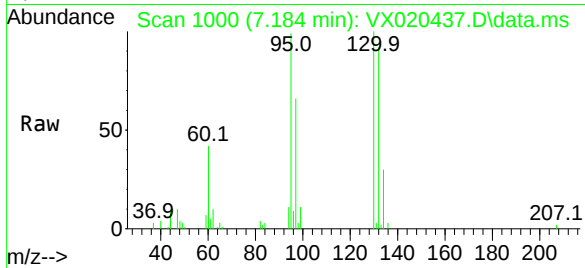




#44
Trichloroethene
Concen: 3.24 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

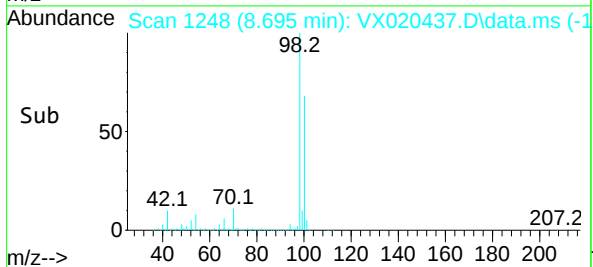
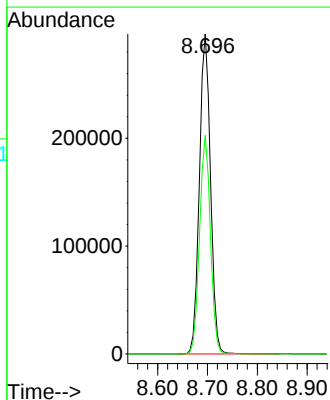
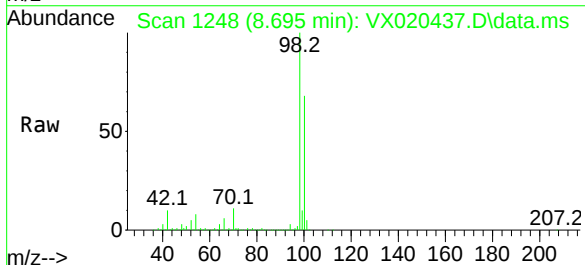
Instrument :
MSVOA_X
ClientSampleId :
1021-MW-16(22.5)

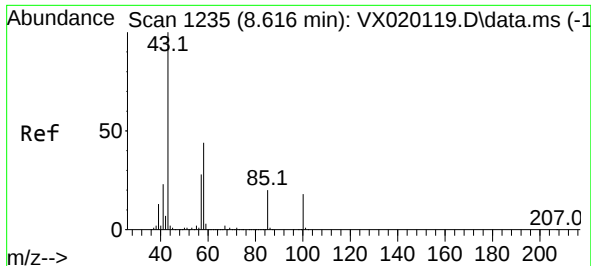
Tgt Ion:130 Resp: 9895
Ion Ratio Lower Upper
130 100
95 98.8 0.0 198.0



#50
Toluene-d8
Concen: 48.50 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

Tgt Ion: 98 Resp: 459023
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9

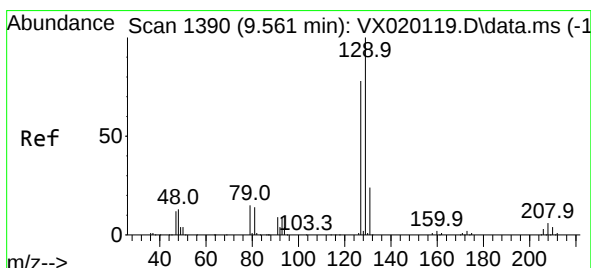
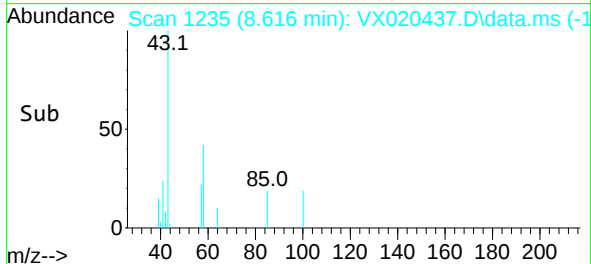
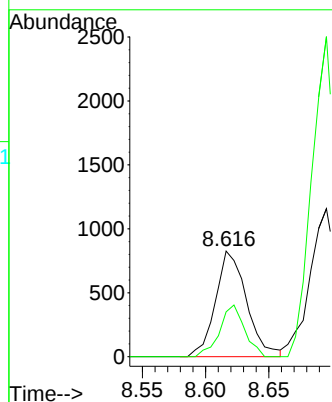
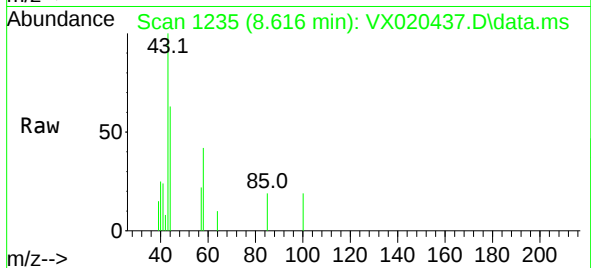




#51
4-Methyl-2-Pentanone
Concen: 0.37 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

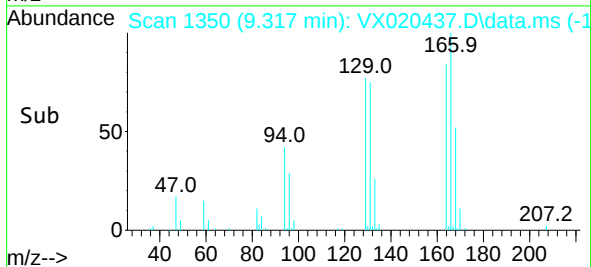
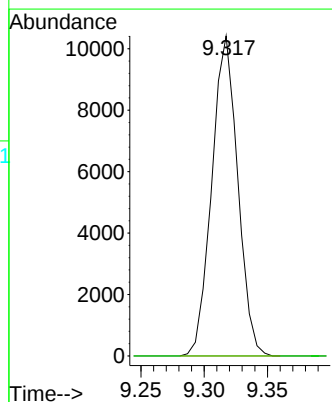
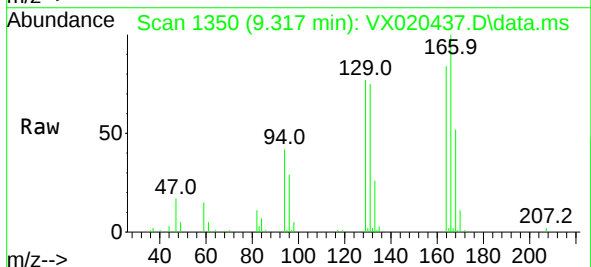
Instrument :
MSVOA_X
ClientSampleId :
1021-MW-16(22.5)

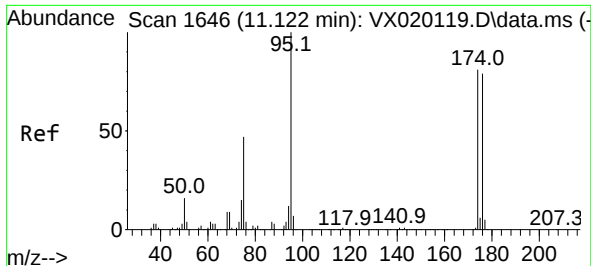
Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
58 39.1 35.4 53.0



#60
Dibromochloromethane
Concen: 5.03 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

Tgt Ion: 129 Resp: 14851
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

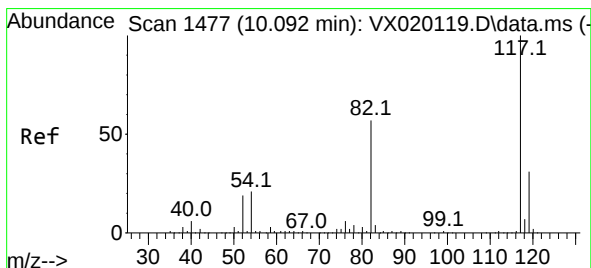
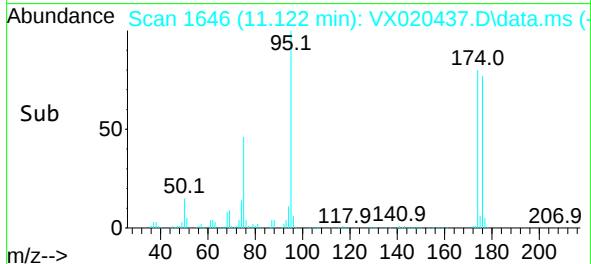
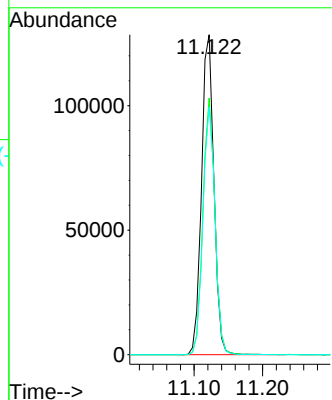
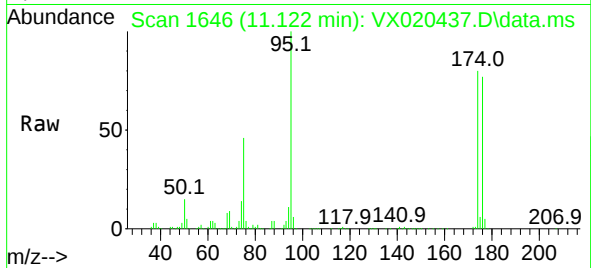




#62
4-Bromofluorobenzene
Concen: 44.58 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

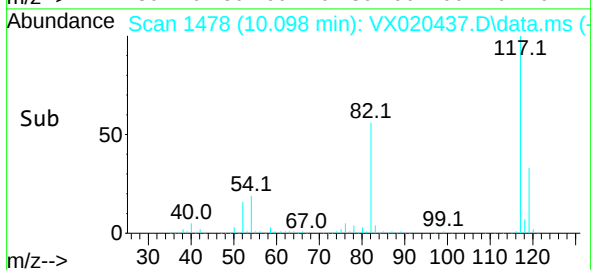
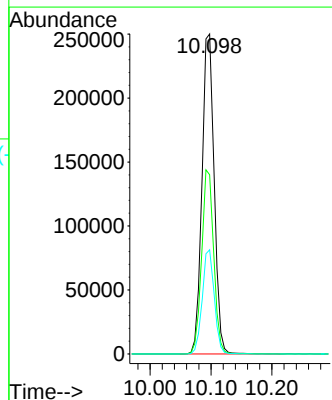
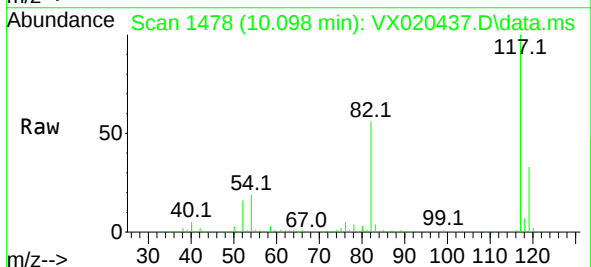
Instrument :
MSVOA_X
ClientSampleId :
1021-MW-16(22.5)

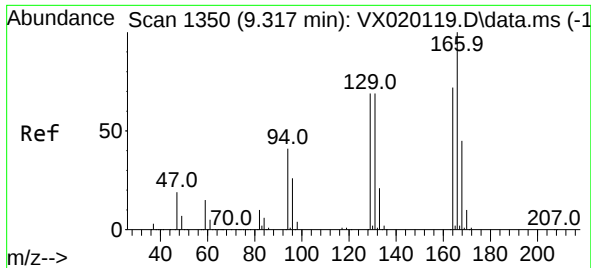
Tgt Ion: 95 Resp: 161469
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 75.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

Tgt Ion: 117 Resp: 348678
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 32.5 26.6 39.8

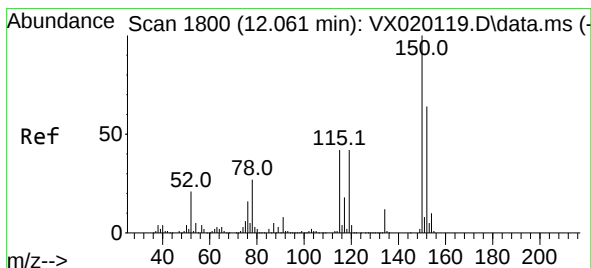
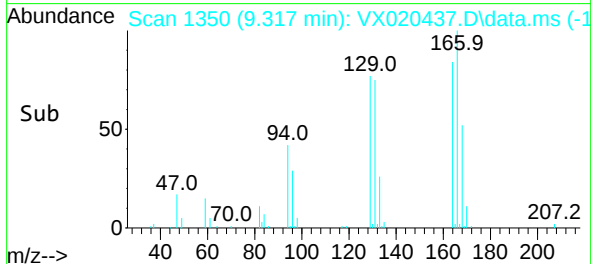
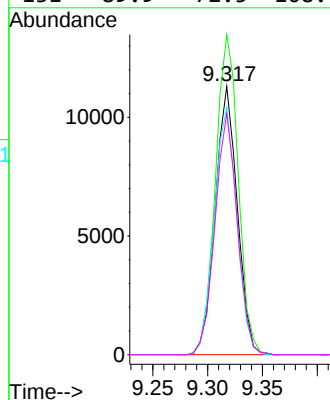
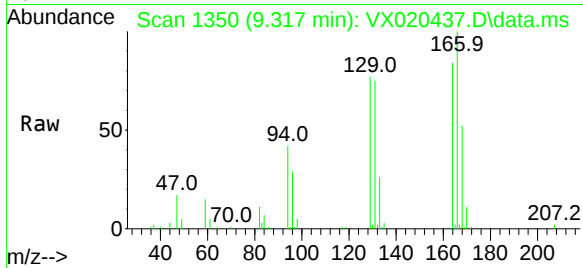




#64
Tetrachloroethene
Concen: 6.05 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

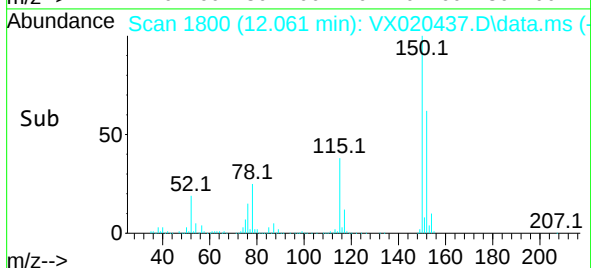
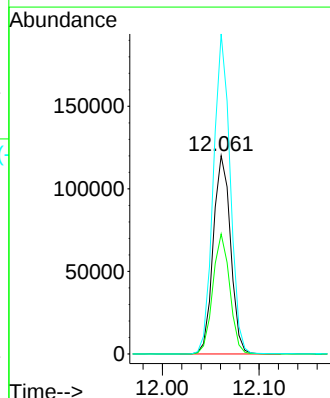
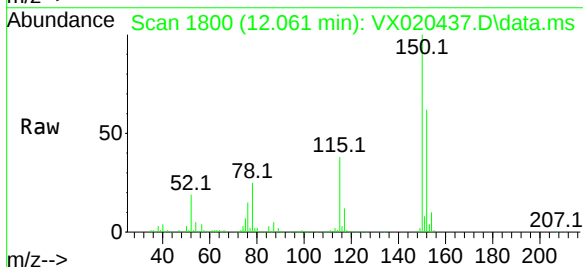
Instrument :
MSVOA_X
ClientSampleId :
1021-MW-16(22.5)

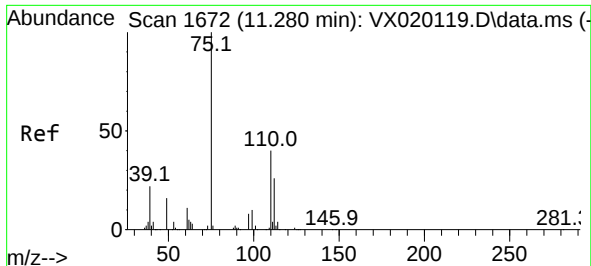
Tgt Ion:164	Resp:	15893
Ion Ratio	Lower	Upper
164	100	
166	119.2	103.4 155.2
129	92.1	70.8 106.2
131	89.9	72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

Tgt Ion:152	Resp:	149581
Ion Ratio	Lower	Upper
152	100	
115	59.0	41.1 123.3
150	156.4	0.0 349.0

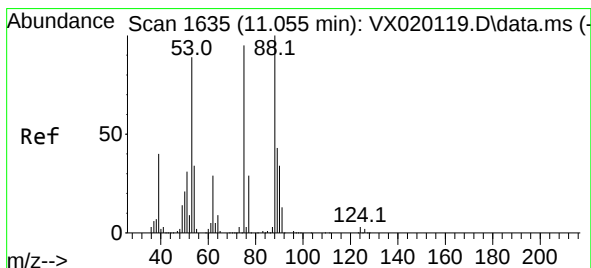
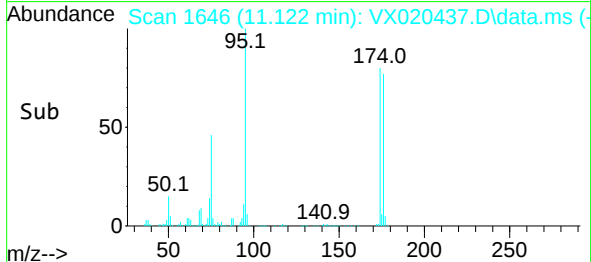
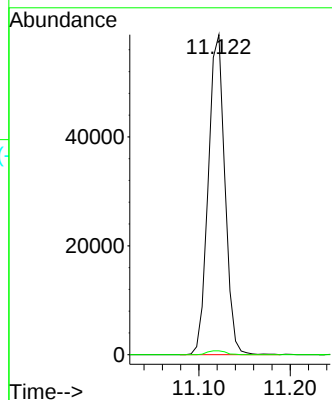
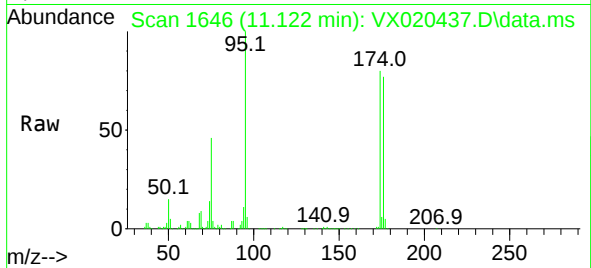




#76
1,2,3-Trichloropropane
Concen: 20.14 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :
1021-MW-16(22.5)

Tgt Ion: 75 Resp: 74212
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.75 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020437.D
Acq: 29 Dec 2020 16:19

Tgt Ion: 75 Resp: 74212
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

