

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122920\
 Data File : VX020433.D
 Acq On : 29 Dec 2020 14:46
 Operator : JC/MD
 Sample : L5236-07DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1019-MW-11(15)DL

Quant Time: Dec 30 02:37:07 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)

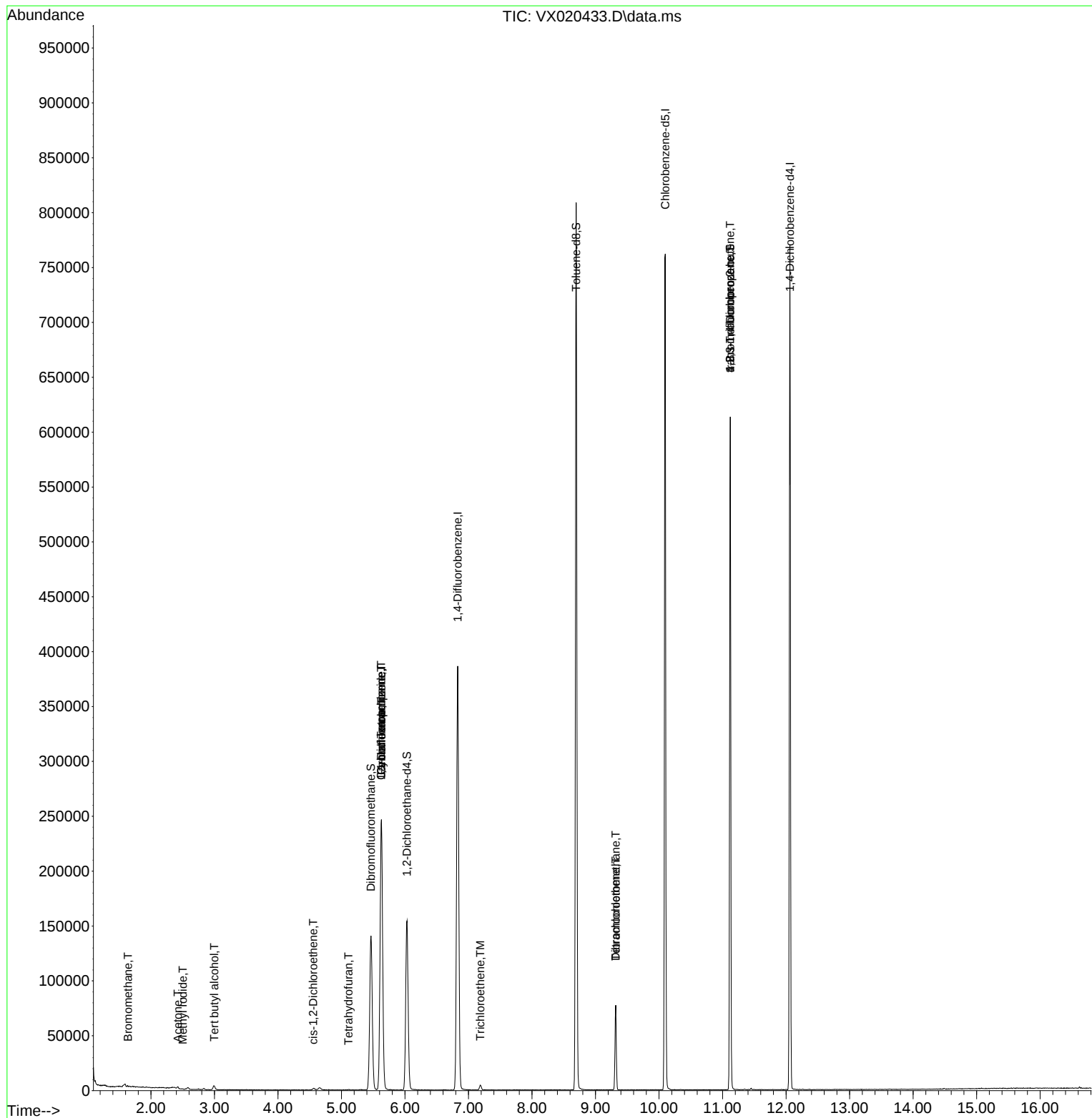
Internal Standards						
1) Pentafluorobenzene	5.629	168	241864	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	397402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	367259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	160079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	145908	45.00	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.00%		
35) Dibromofluoromethane	5.464	113	123570	48.61	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.22%		
50) Toluene-d8	8.695	98	481694	49.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.46%		
62) 4-Bromofluorobenzene	11.122	95	169528	45.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.54%		
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	439	0.41	ug/l #	78
10) Methyl Iodide	2.502	142	287	3.37	ug/l #	91
11) Tert butyl alcohol	2.995	59	2581	3.56	ug/l #	73
16) Acetone	2.422	43	1969	1.33	ug/l #	87
27) cis-1,2-Dichloroethene	4.556	96	974	0.29	ug/l	97
29) Tetrahydrofuran	5.111	42	346	0.26	ug/l #	67
31) Cyclohexane	5.629	56	4285	0.96	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	18083	4.60	ug/l #	48
38) Carbon Tetrachloride	5.623	117	22960	6.15	ug/l #	17
44) Trichloroethene	7.184	130	1831	0.58	ug/l	97
60) Dibromochloromethane	9.317	129	14574	4.77	ug/l #	11
64) Tetrachloroethene	9.317	164	15405	5.57	ug/l	96
76) 1,2,3-Trichloropropane	11.122	75	79605	20.19	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	79605	59.89	ug/l #	12

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

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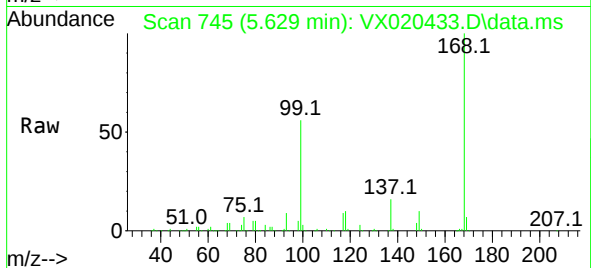
Quant Time: Dec 30 02:37:07 2020
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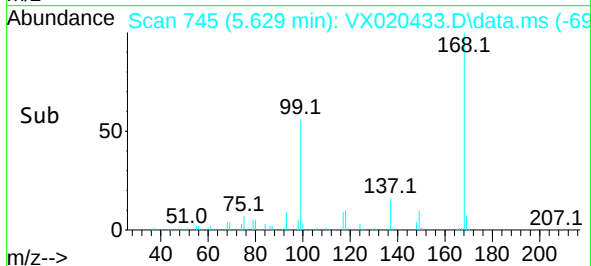
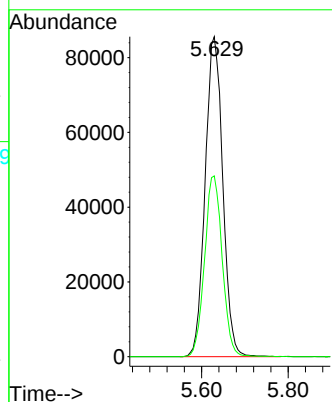


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

Instrument :
MSVOA_X
ClientSampleId :
1019-MW-11(15)DL

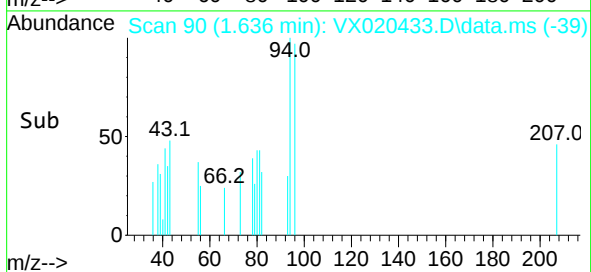
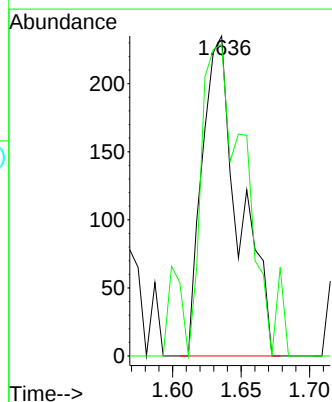
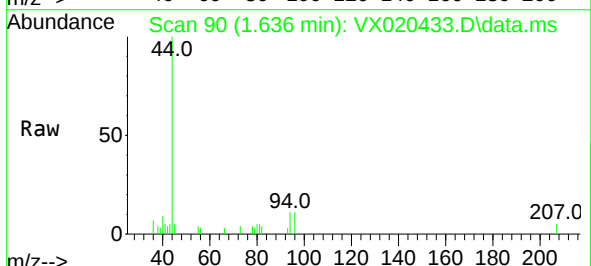


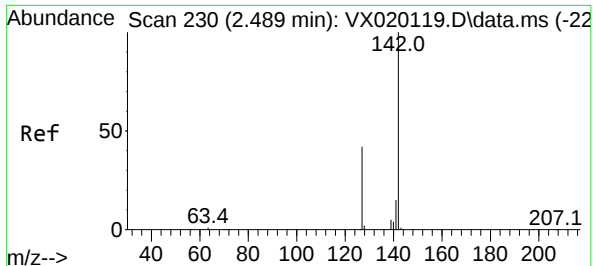
Tgt Ion:168 Resp: 241864
Ion Ratio Lower Upper
168 100
99 56.5 45.8 68.6



#5
Bromomethane
Concen: 0.41 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

Tgt Ion: 94 Resp: 439
Ion Ratio Lower Upper
94 100
96 74.5 76.4 114.6#

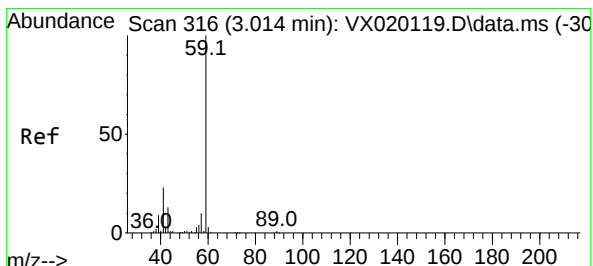
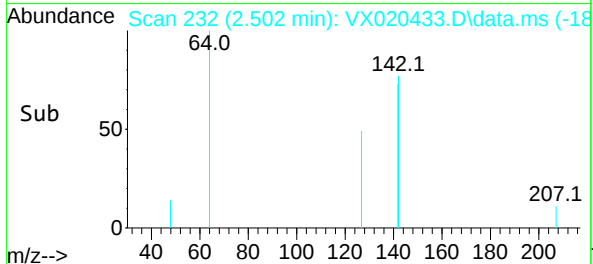
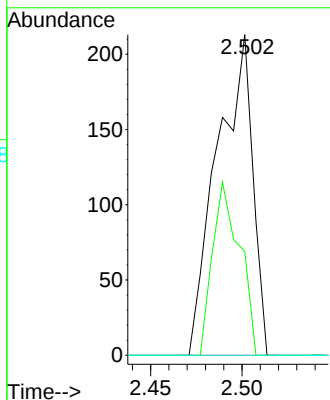
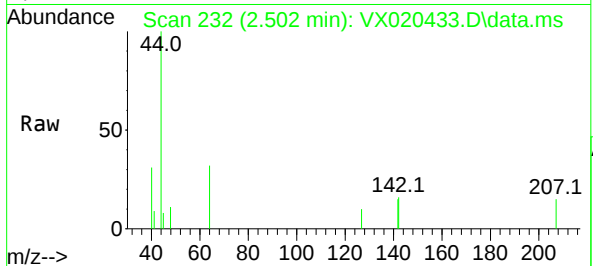




#10
Methyl Iodide
Concen: 3.37 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

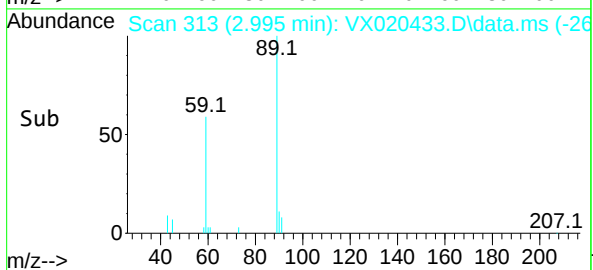
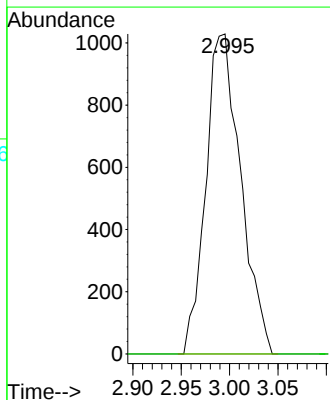
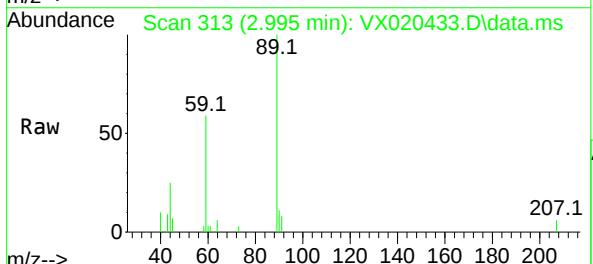
Instrument :
MSVOA_X
ClientSampleId :
1019-MW-11(15)DL

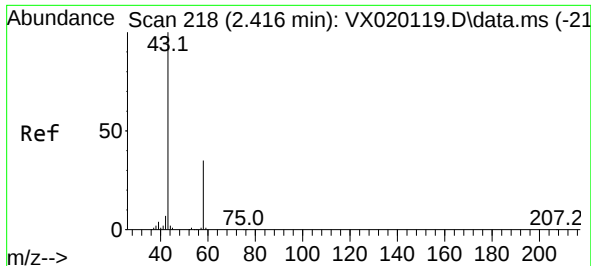
Tgt Ion:142 Resp: 287
Ion Ratio Lower Upper
142 100
127 41.5 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.56 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

Tgt Ion: 59 Resp: 2581
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

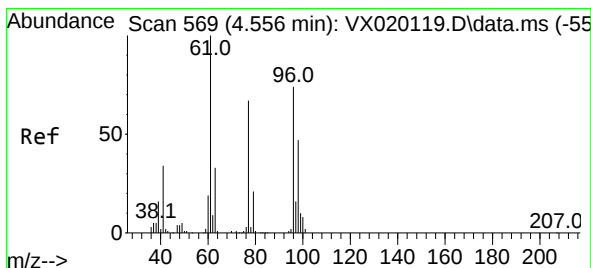
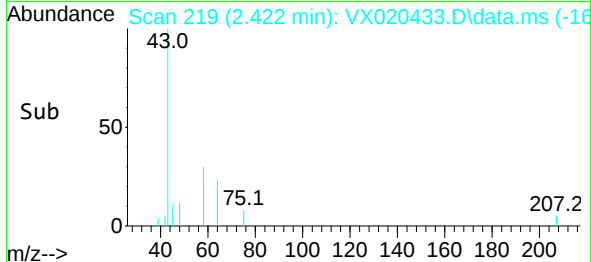
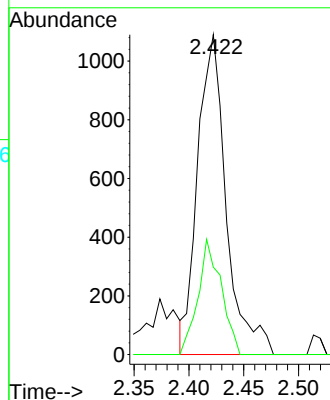
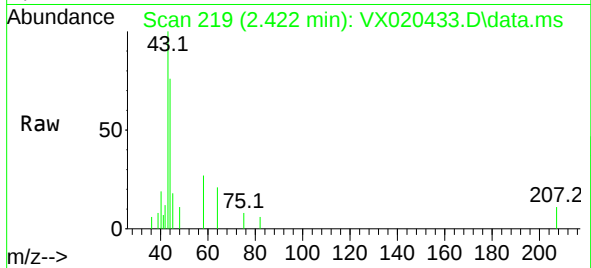




#16
Acetone
Concen: 1.33 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

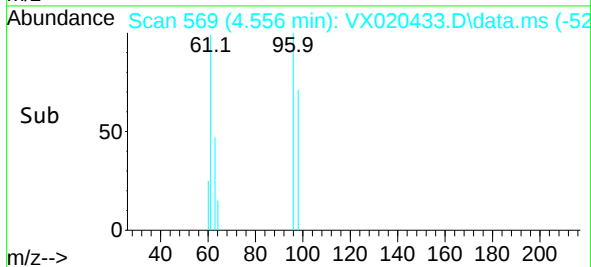
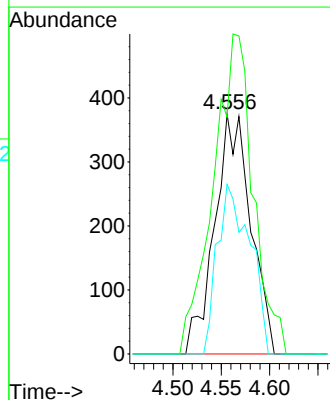
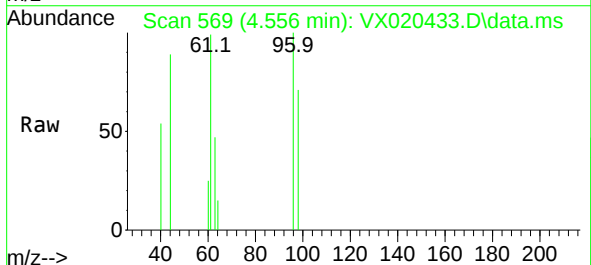
Instrument :
MSVOA_X
ClientSampleId :
1019-MW-11(15)DL

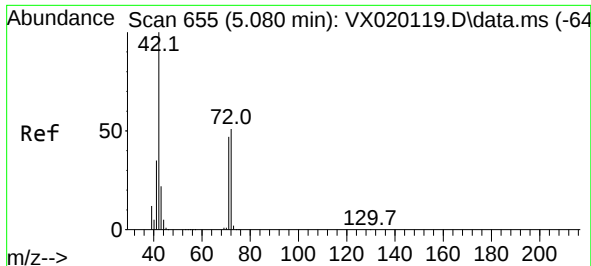
Tgt Ion: 43 Resp: 1969
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#



#27
cis-1,2-Dichloroethene
Concen: 0.29 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

Tgt Ion: 96 Resp: 974
Ion Ratio Lower Upper
96 100
61 146.8 0.0 285.6
98 64.0 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 5.111 min Scan# 660

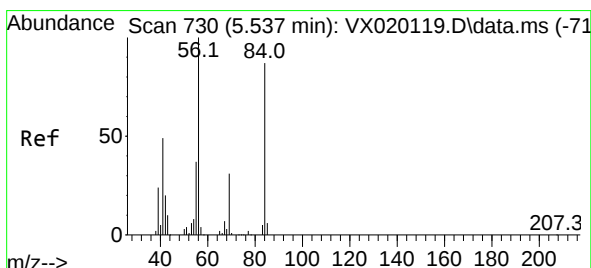
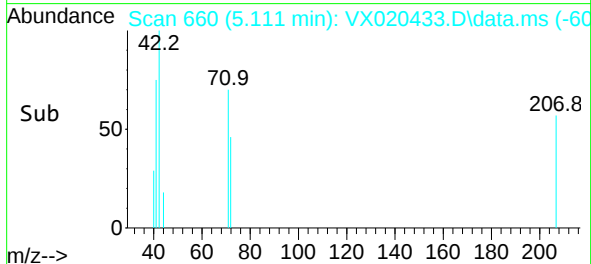
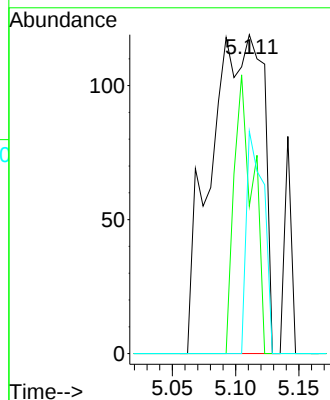
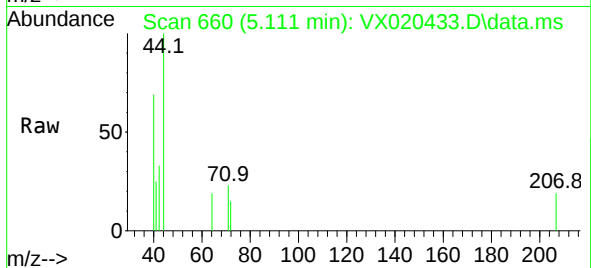
Delta R.T. 0.031 min

Lab File: VX020433.D

Acq: 29 Dec 2020 14:46

Tgt Ion:	42	Resp:	346
Ion	Ratio	Lower	Upper
42	100		
72	31.8	41.7	62.5#
71	22.5	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
1019-MW-11(15)DL



#31

Cyclohexane

Concen: 0.96 ug/l

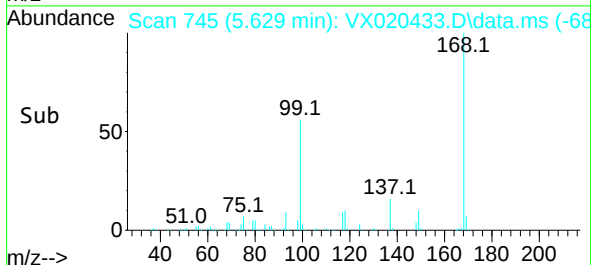
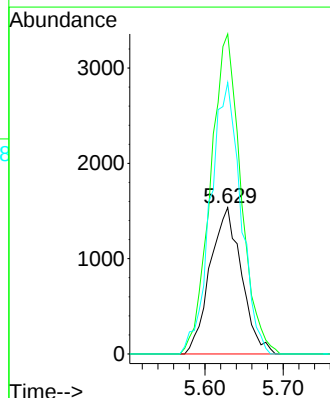
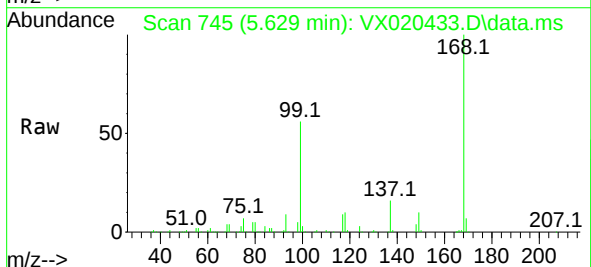
RT: 5.629 min Scan# 745

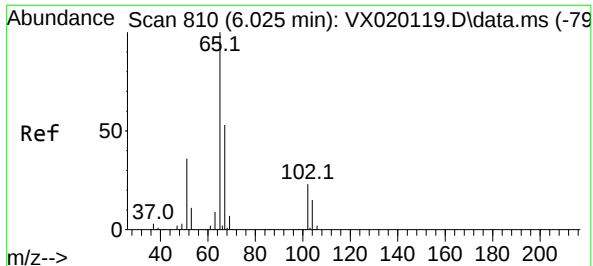
Delta R.T. 0.092 min

Lab File: VX020433.D

Acq: 29 Dec 2020 14:46

Tgt Ion:	56	Resp:	4285
Ion	Ratio	Lower	Upper
56	100		
69	218.6	25.3	37.9#
84	185.4	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 45.00 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020433.D

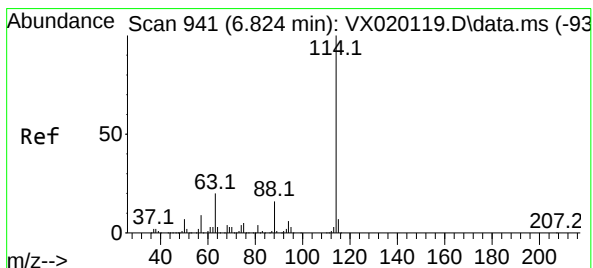
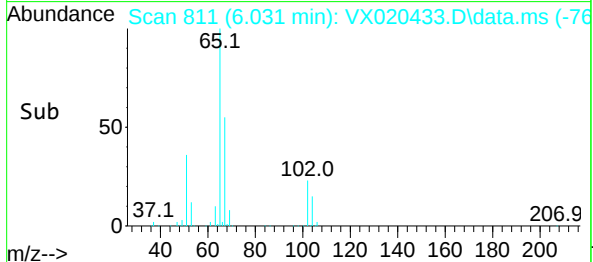
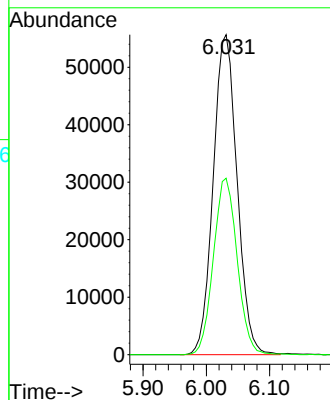
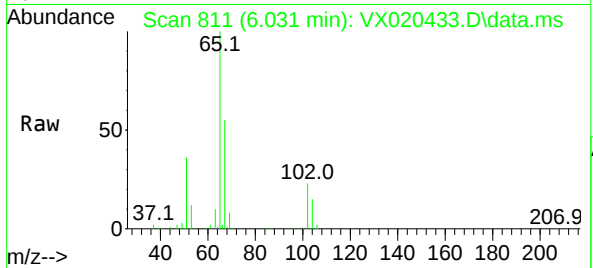
Acq: 29 Dec 2020 14:46

Tgt Ion: 65 Resp: 145908

Ion Ratio Lower Upper

65 100

67 54.9 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: VX020433.D

Acq: 29 Dec 2020 14:46

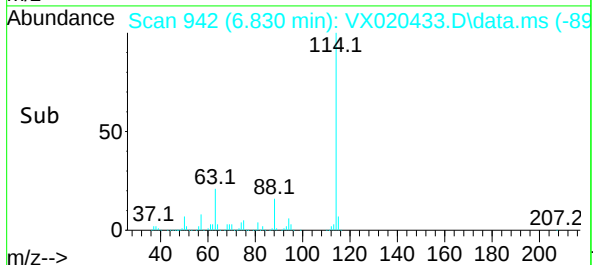
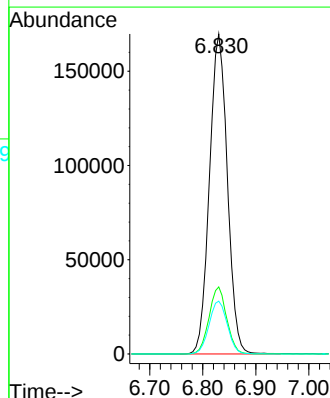
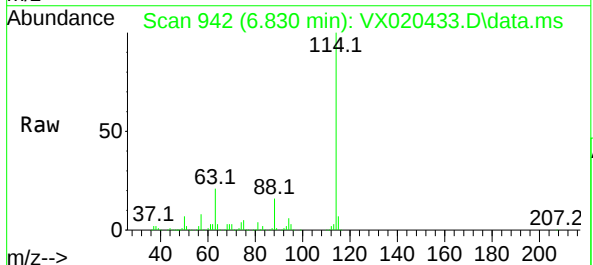
Tgt Ion: 114 Resp: 397402

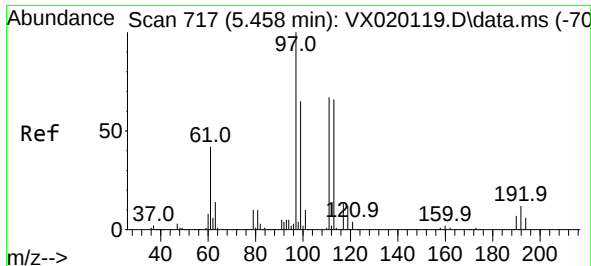
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

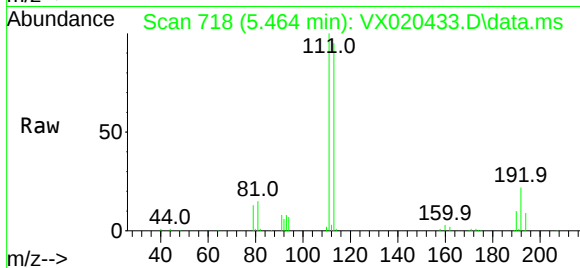
88 16.5 0.0 32.8



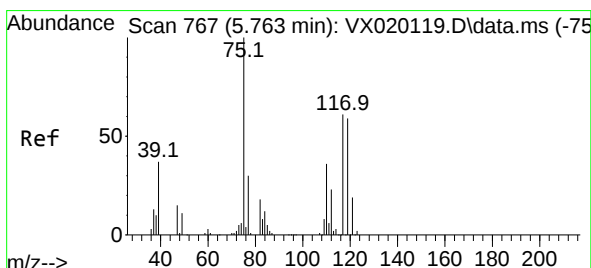
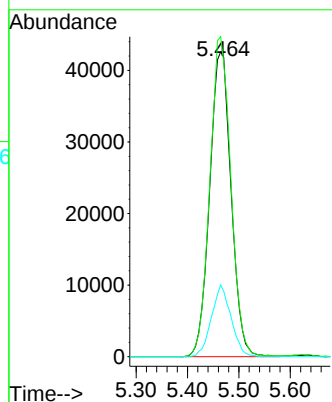
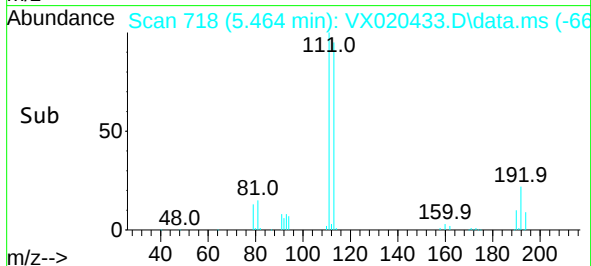


#35
Dibromofluoromethane
Concen: 48.61 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

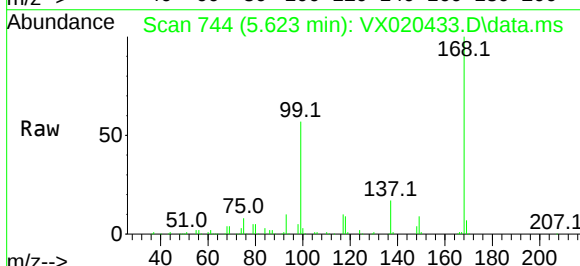
Instrument :
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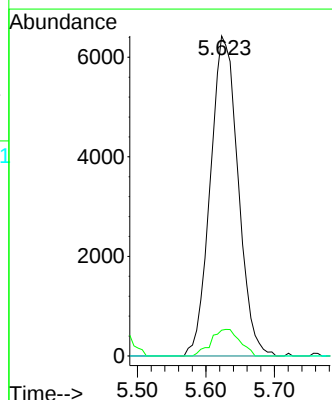
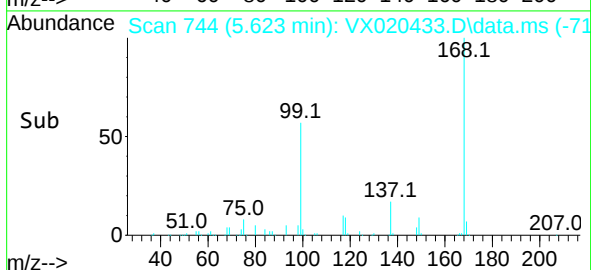
Tgt Ion:113 Resp: 123570
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 21.5 16.7 25.1

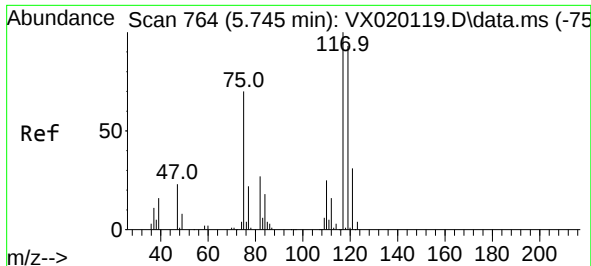


#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46



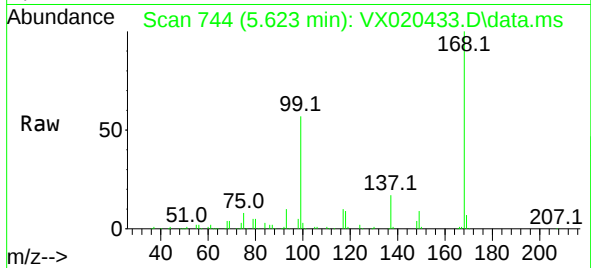
Tgt Ion: 75 Resp: 18083
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



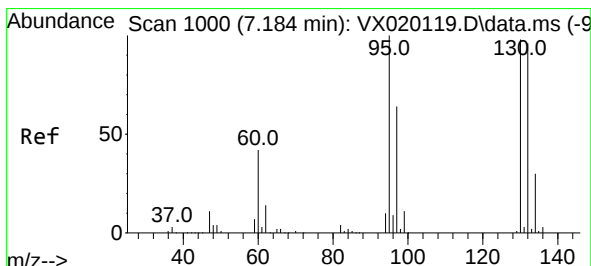
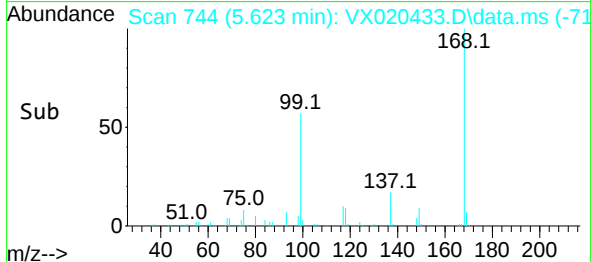
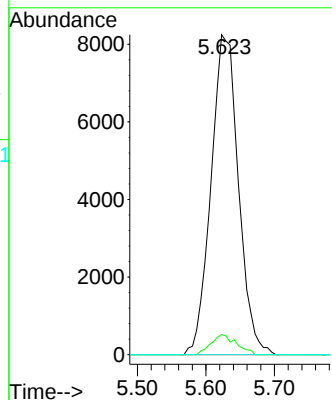


#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

Instrument :
MSVOA_X
ClientSampleId :
1019-MW-11(15)DL

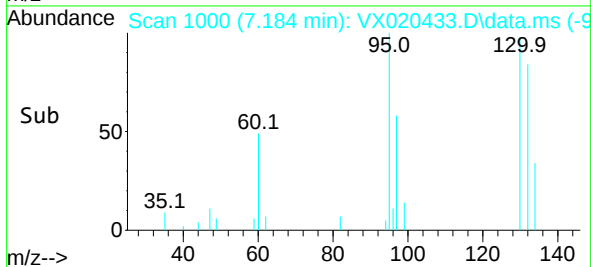
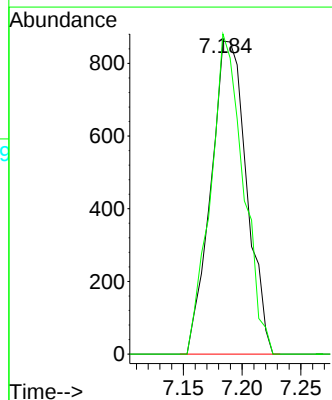
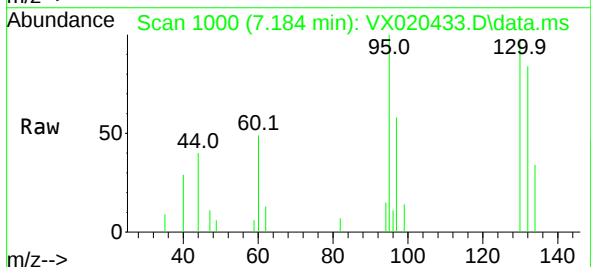


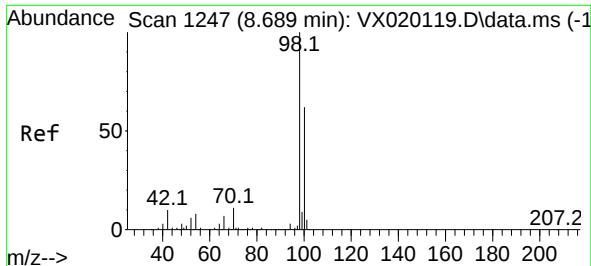
Tgt Ion:117 Resp: 22960
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.58 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

Tgt Ion:130 Resp: 1831
Ion Ratio Lower Upper
130 100
95 102.3 0.0 198.0

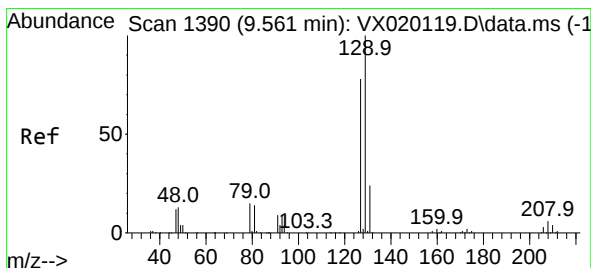
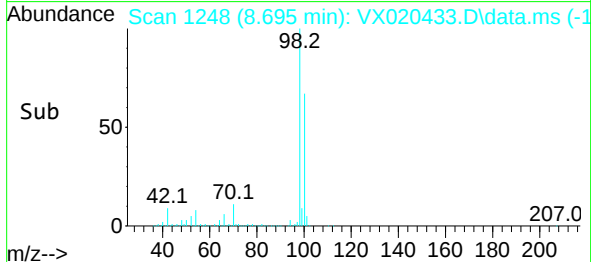
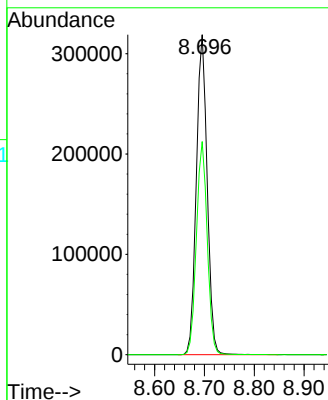
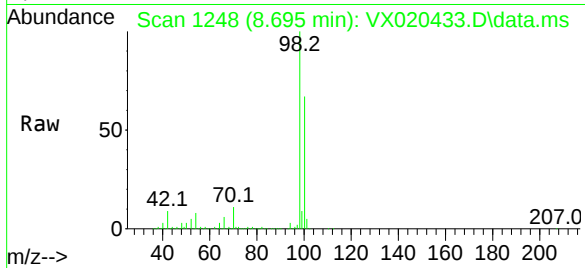




#50
Toluene-d8
Concen: 49.23 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

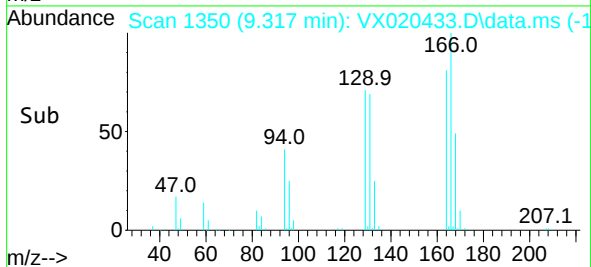
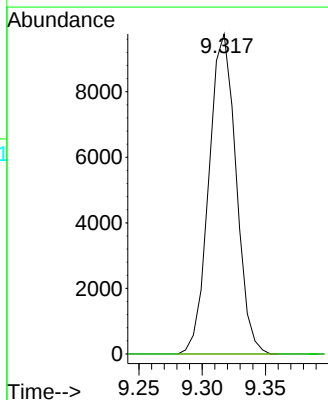
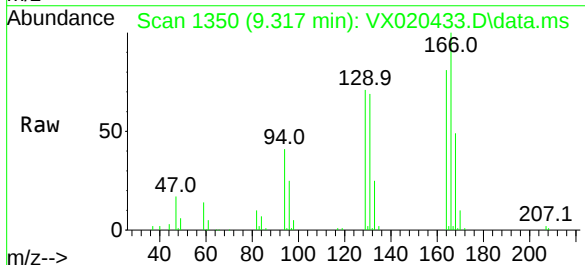
Instrument :
MSVOA_X
ClientSampleId :
1019-MW-11(15)DL

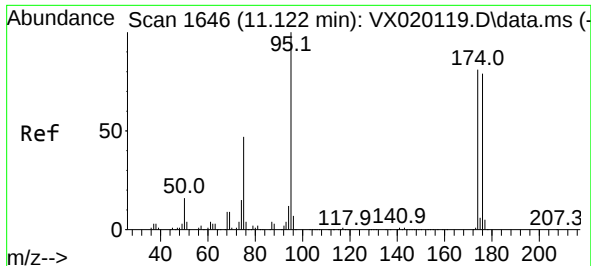
Tgt Ion: 98 Resp: 481694
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#60
Dibromochloromethane
Concen: 4.77 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

Tgt Ion: 129 Resp: 14574
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

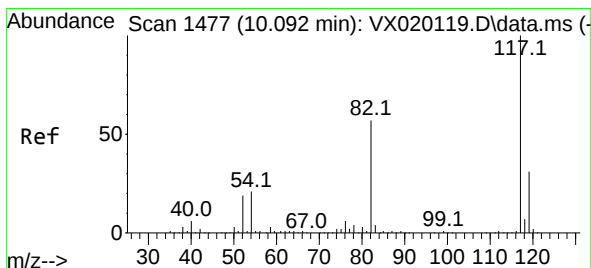
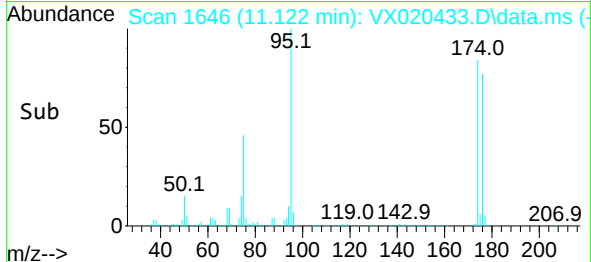
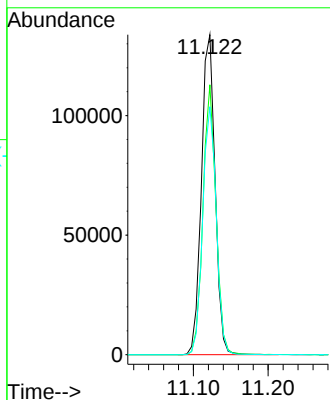
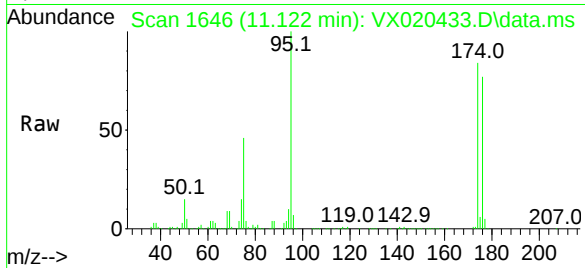




#62
4-Bromofluorobenzene
Concen: 45.27 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

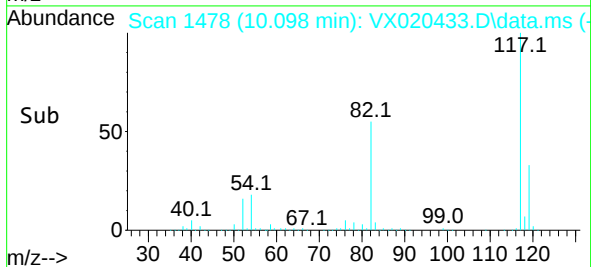
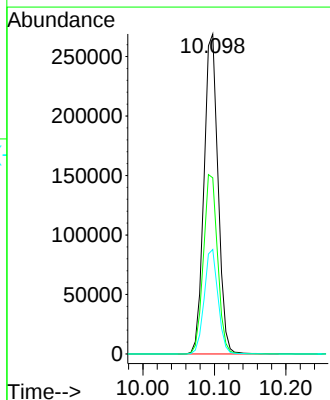
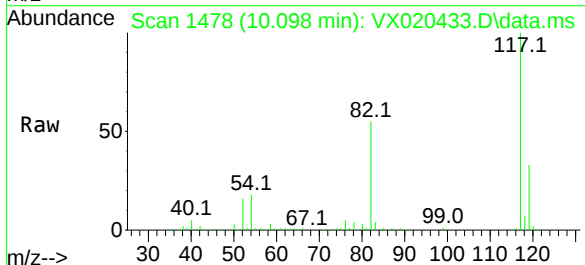
Instrument :
MSVOA_X
ClientSampleId :
1019-MW-11(15)DL

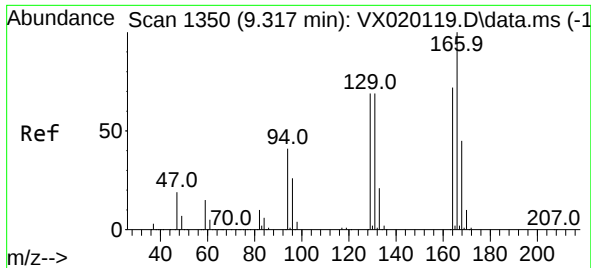
Tgt Ion: 95 Resp: 169528
Ion Ratio Lower Upper
95 100
174 80.1 0.0 154.6
176 77.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

Tgt Ion: 117 Resp: 367259
Ion Ratio Lower Upper
117 100
82 55.1 47.4 71.2
119 32.7 26.6 39.8



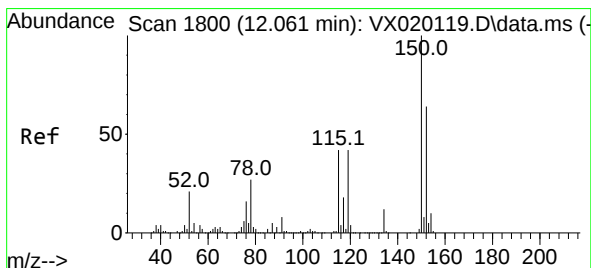
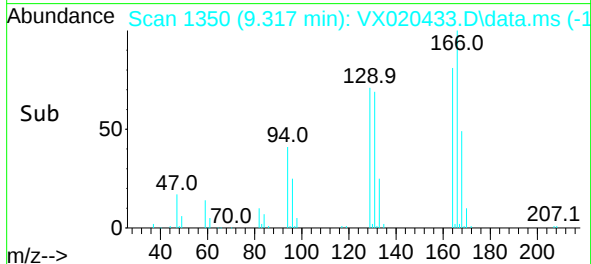
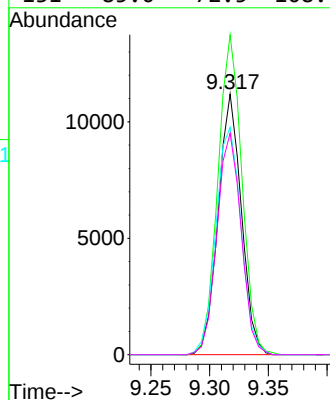
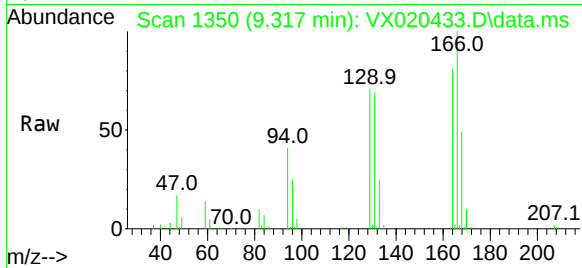


#64
Tetrachloroethene
Concen: 5.57 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

Instrument :
MSVOA_X
ClientSampleId :
1019-MW-11(15)DL

Tgt Ion:164 Resp: 15405

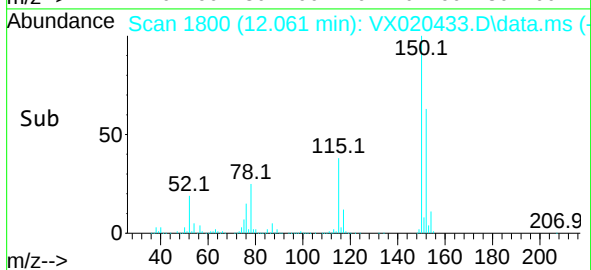
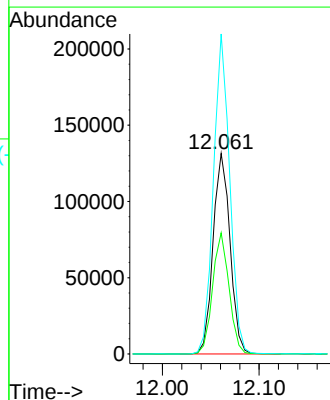
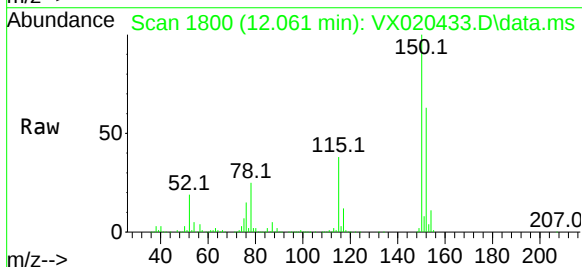
Ion	Ratio	Lower	Upper
164	100		
166	122.8	103.4	155.2
129	87.2	70.8	106.2
131	85.0	72.5	108.7

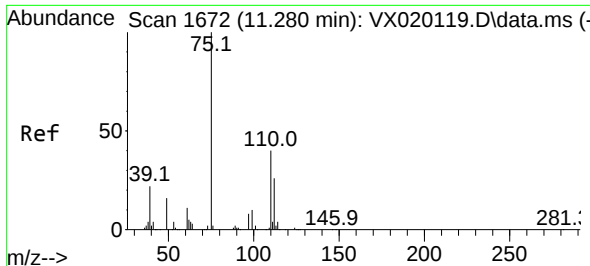


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

Tgt Ion:152 Resp: 160079

Ion	Ratio	Lower	Upper
152	100		
115	58.5	41.1	123.3
150	153.2	0.0	349.0

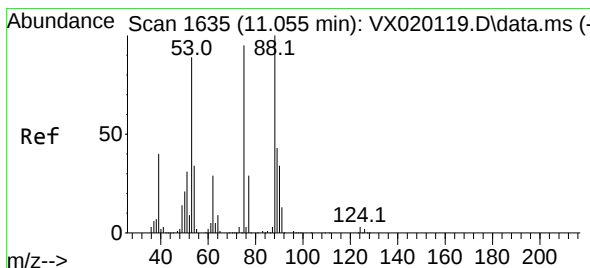
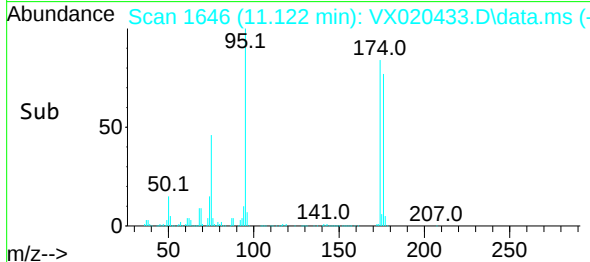
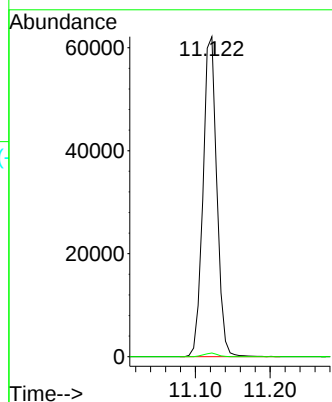
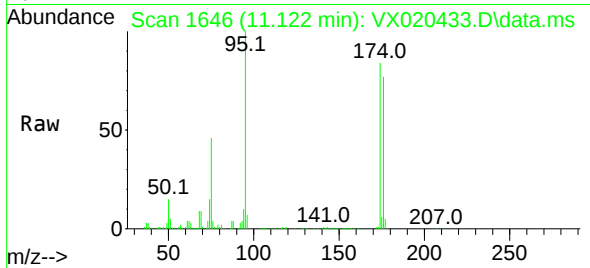




#76
1,2,3-Trichloropropane
Concen: 20.19 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

Instrument :
MSVOA_X
ClientSampleId :
1019-MW-11(15)DL

Tgt Ion: 75 Resp: 79605
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.89 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020433.D
Acq: 29 Dec 2020 14:46

Tgt Ion: 75 Resp: 79605
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

