

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020232.D
 Acq On : 20 Dec 2020 16:23
 Operator : JC/MD
 Sample : L5095-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWE7-121420

Quant Time: Dec 21 02:53:00 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)

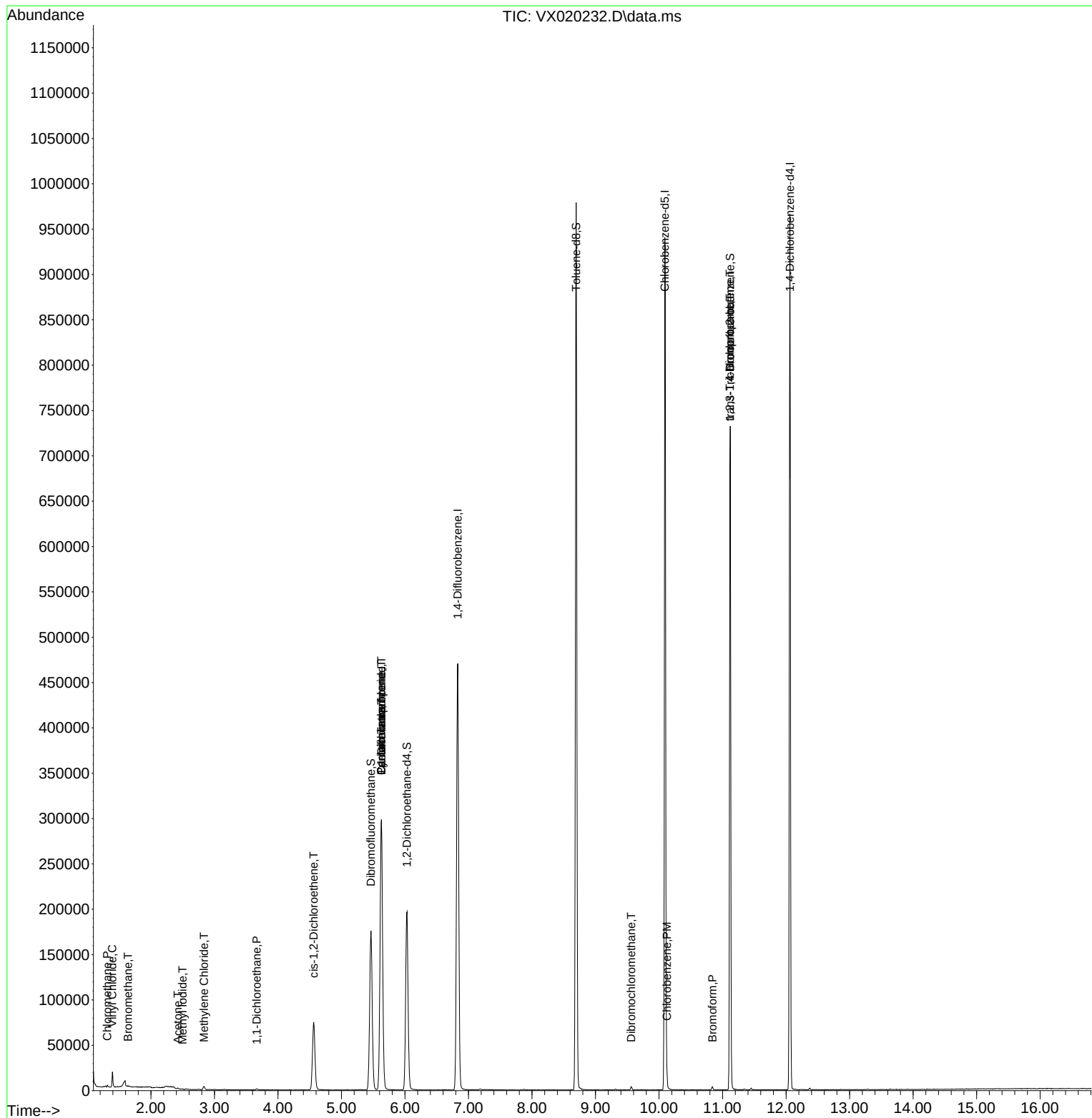
Internal Standards						
1) Pentafluorobenzene	5.629	168	286704	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	479303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	444109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	189179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	187946	48.90	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.80%		
35) Dibromofluoromethane	5.465	113	152803	49.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.68%		
50) Toluene-d8	8.696	98	582383	49.35	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.70%		
62) 4-Bromofluorobenzene	11.122	95	202820	44.90	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.80%		
Target Compounds						Qvalue
3) Chloromethane	1.313	50	910	0.25	ug/l	95
4) Vinyl Chloride	1.392	62	9710	2.47	ug/l	98
5) Bromomethane	1.636	94	546	0.43	ug/l	96
10) Methyl Iodide	2.496	142	68	3.30	ug/l #	80
16) Acetone	2.422	43	581	0.33	ug/l #	70
20) Methylene Chloride	2.837	84	1793	0.45	ug/l	97
24) 1,1-Dichloroethane	3.666	63	1453	0.23	ug/l #	92
27) cis-1,2-Dichloroethene	4.562	96	49364	12.31	ug/l	91
31) Cyclohexane	5.629	56	5572	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22143	4.67	ug/l #	49
38) Carbon Tetrachloride	5.629	117	28121	6.24	ug/l #	17
60) Dibromochloromethane	9.561	129	1756	0.48	ug/l	95
65) Chlorobenzene	10.122	112	6616	0.69	ug/l	98
71) Bromoform	10.842	173	1373	0.52	ug/l #	90
76) 1,2,3-Trichloropropane	11.116	75	98450	21.13	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	98450	62.68	ug/l #	12

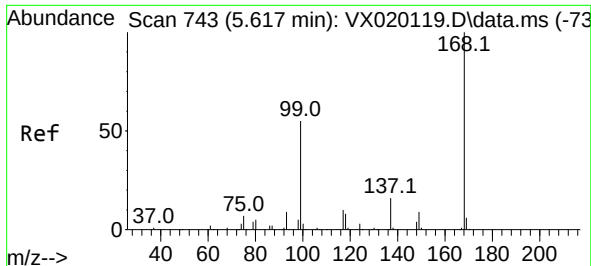
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
Data File : VX020232.D
Acq On : 20 Dec 2020 16:23
Operator : JC/MD
Sample : L5095-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 72 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

Quant Time: Dec 21 02:53:00 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

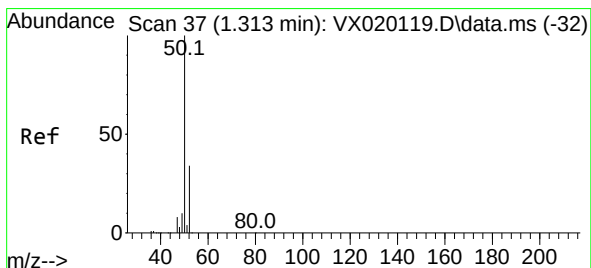
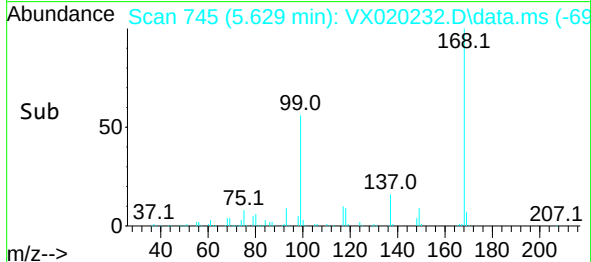
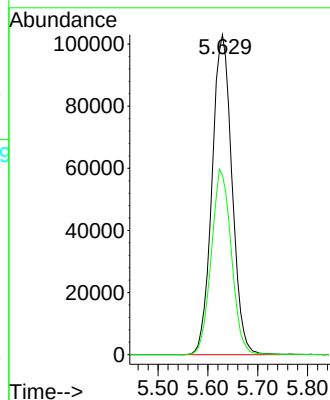
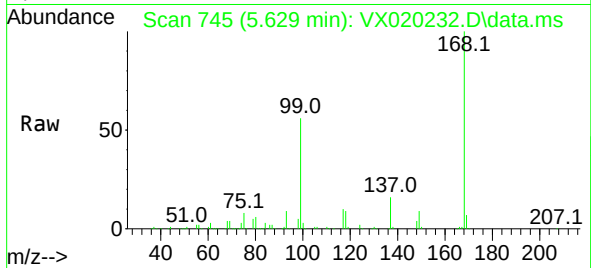




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

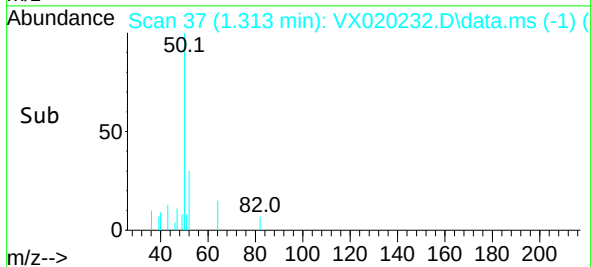
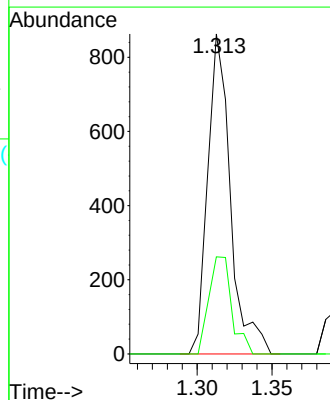
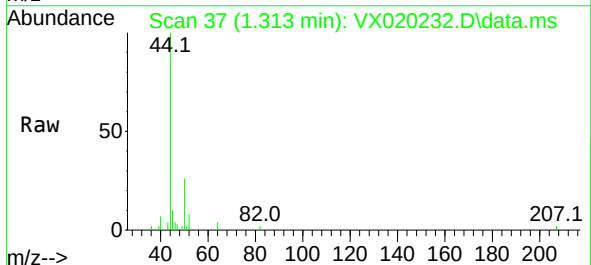
Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

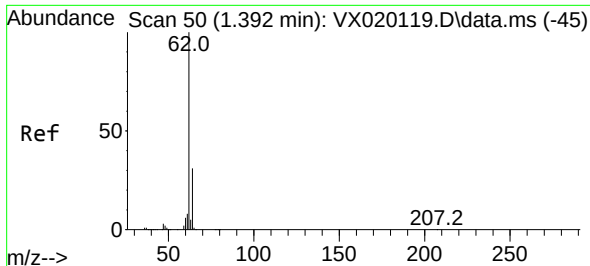
Tgt Ion:168 Resp: 286704
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.6



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

Tgt Ion: 50 Resp: 910
Ion Ratio Lower Upper
50 100
52 30.4 26.4 39.6

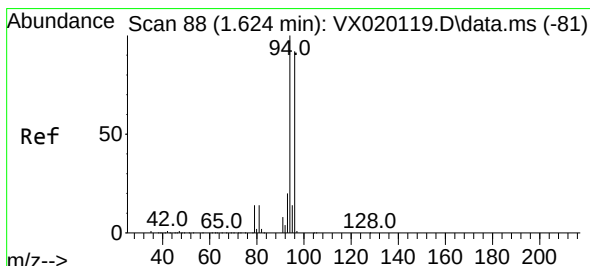
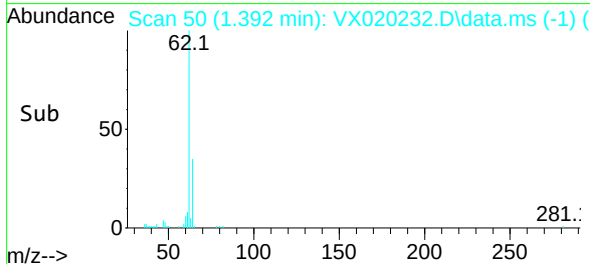
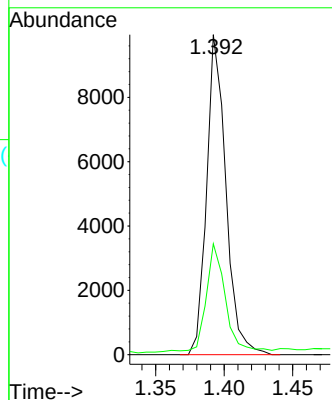
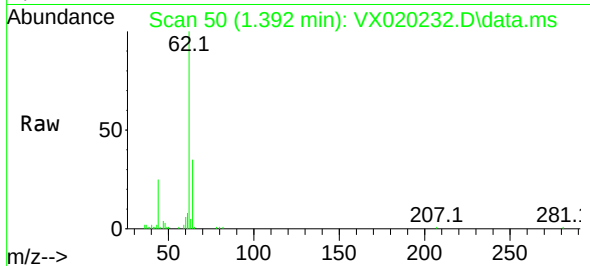




#4
 Vinyl Chloride
 Concen: 2.47 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VX020232.D
 Acq: 20 Dec 2020 16:23

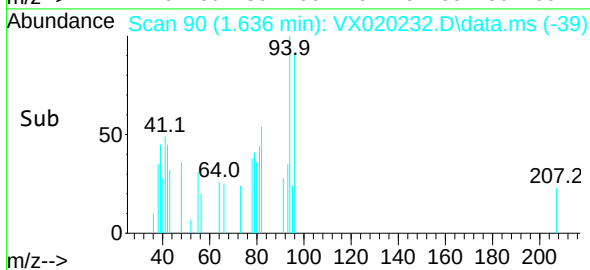
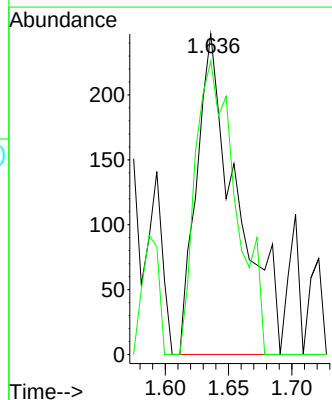
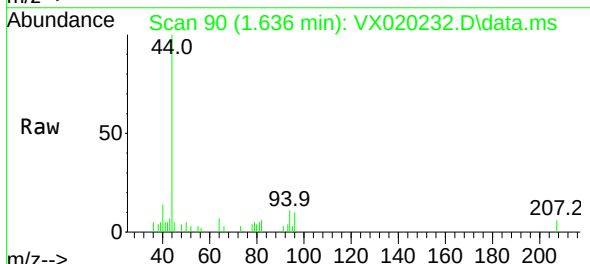
Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWE7-121420

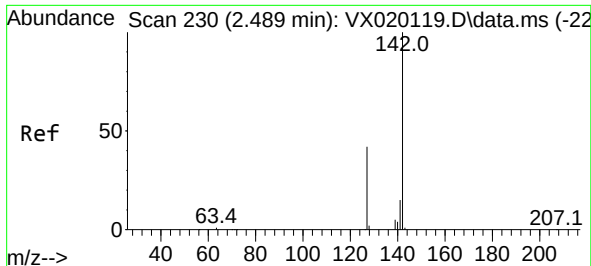
Tgt Ion: 62 Resp: 9710
 Ion Ratio Lower Upper
 62 100
 64 33.5 25.7 38.5



#5
 Bromomethane
 Concen: 0.43 ug/l
 RT: 1.636 min Scan# 90
 Delta R.T. 0.012 min
 Lab File: VX020232.D
 Acq: 20 Dec 2020 16:23

Tgt Ion: 94 Resp: 546
 Ion Ratio Lower Upper
 94 100
 96 91.5 76.4 114.6

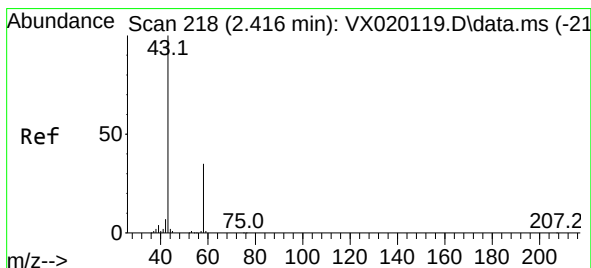
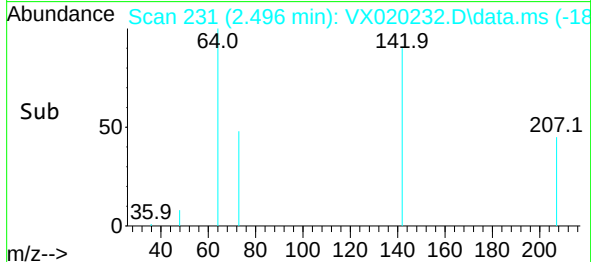
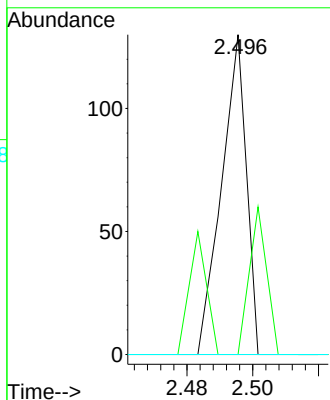
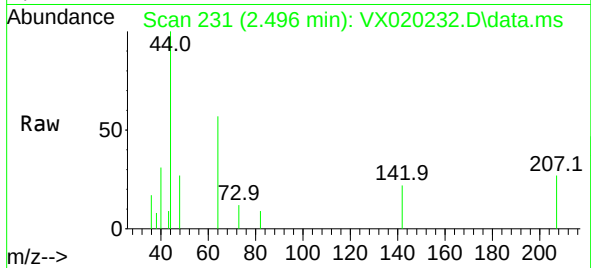




#10
Methyl Iodide
Concen: 3.30 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

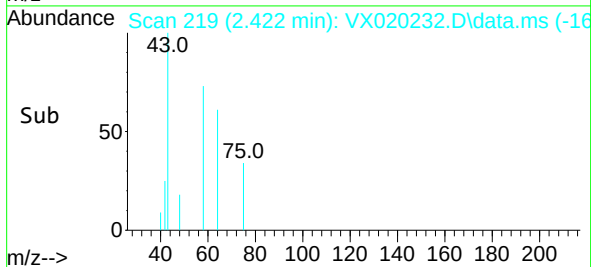
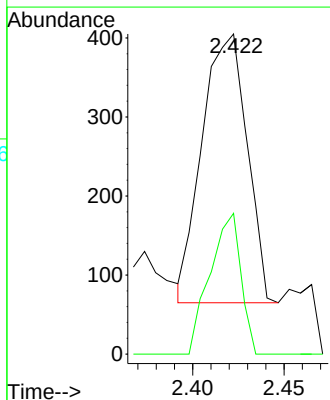
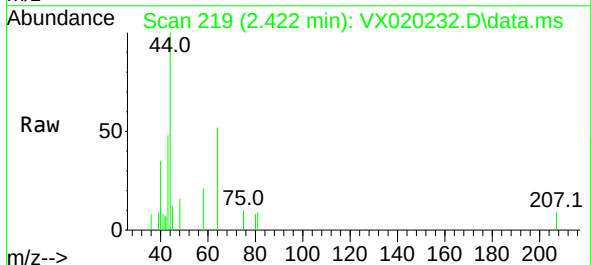
Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

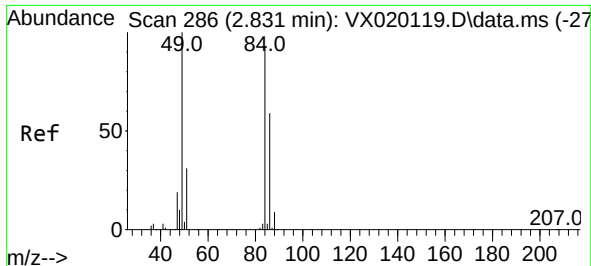
Tgt Ion:142 Resp: 68
Ion Ratio Lower Upper
142 100
127 32.4 33.3 49.9#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 0.33 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

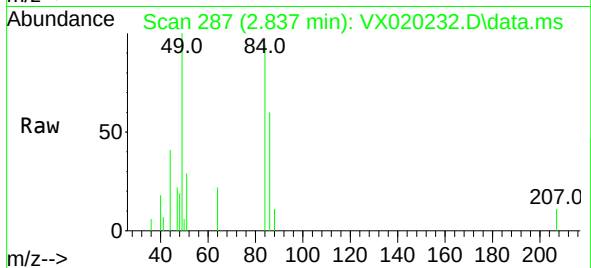
Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
58 52.4 27.8 41.8#



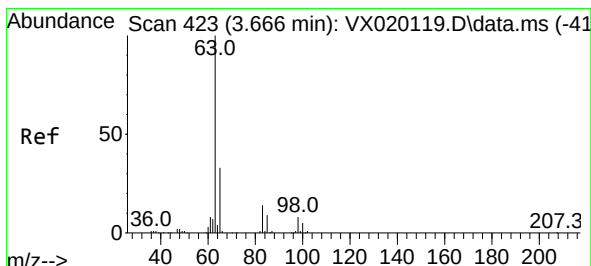
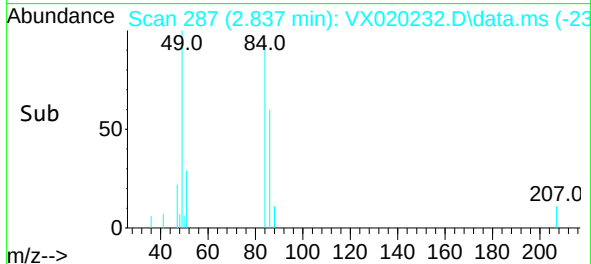
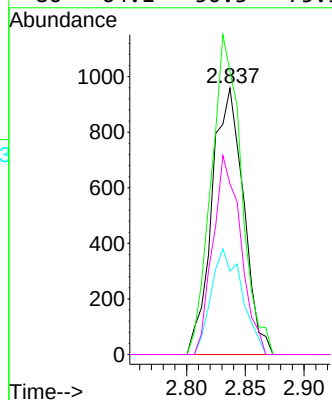


#20
Methylene Chloride
Concen: 0.45 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

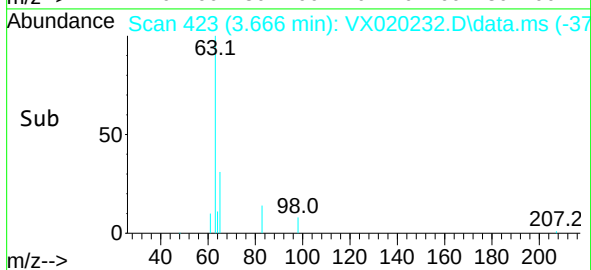
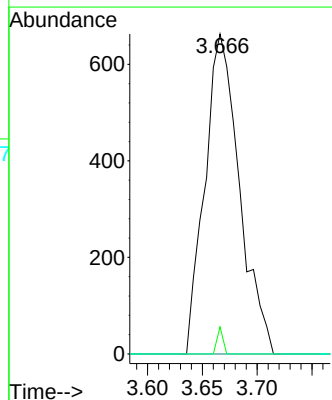
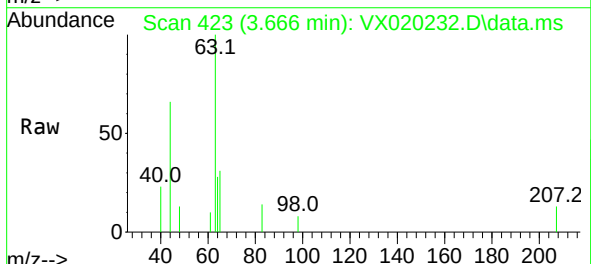


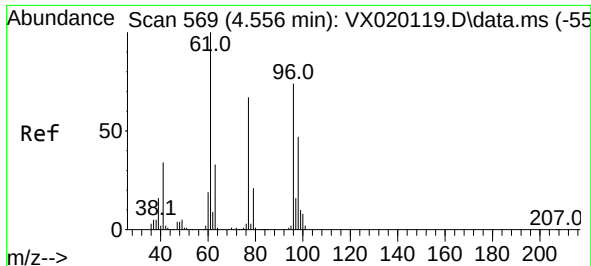
Tgt Ion:	84	Resp:	1793
Ion	Ratio	Lower	Upper
84	100		
49	106.3	88.6	132.8
51	31.3	27.0	40.6
86	64.1	50.3	75.5



#24
1,1-Dichloroethane
Concen: 0.23 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

Tgt Ion:	63	Resp:	1453
Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.8	11.2
100	0.0	2.5	7.5#





#27

cis-1,2-Dichloroethene

Concen: 12.31 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX020232.D

Acq: 20 Dec 2020 16:23

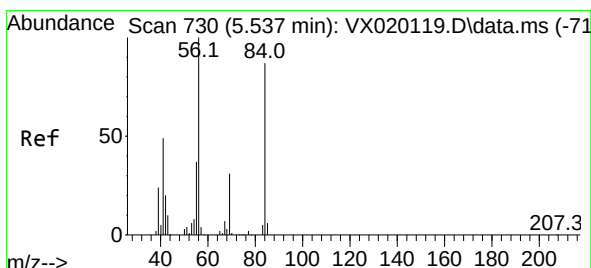
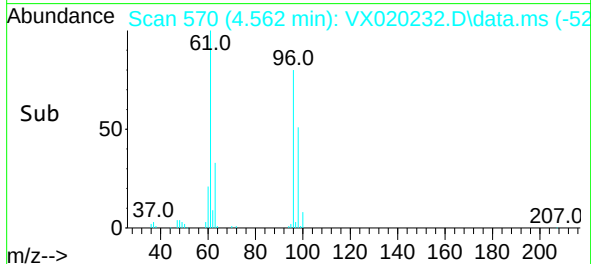
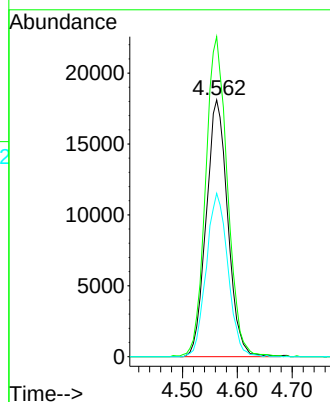
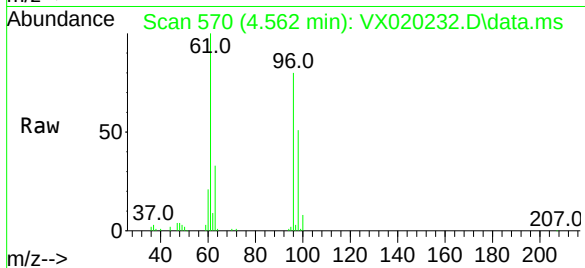
Instrument :

MSVOA_X

ClientSampleId :

39-MWE7-121420

Tgt Ion:	96	Resp:	49364
Ion	Ratio	Lower	Upper
96	100		
61	126.4	0.0	285.6
98	64.0	0.0	129.6



#31

Cyclohexane

Concen: 1.05 ug/l

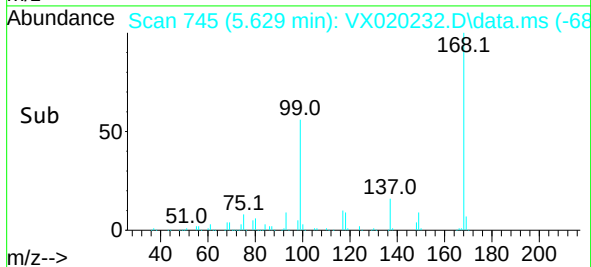
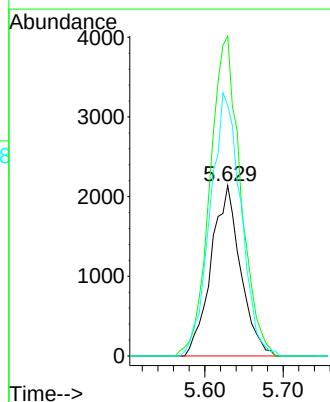
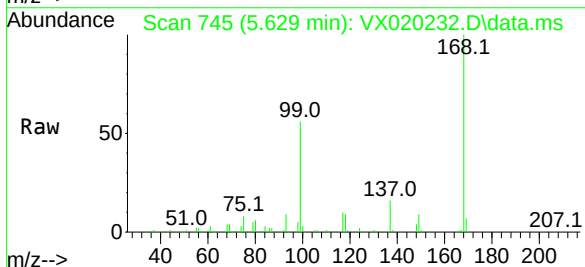
RT: 5.629 min Scan# 745

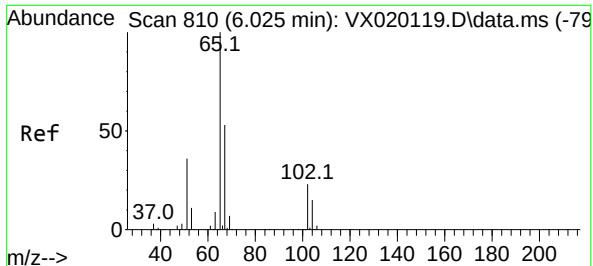
Delta R.T. 0.092 min

Lab File: VX020232.D

Acq: 20 Dec 2020 16:23

Tgt Ion:	56	Resp:	5572
Ion	Ratio	Lower	Upper
56	100		
69	187.9	25.3	37.9#
84	147.0	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.90 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020232.D

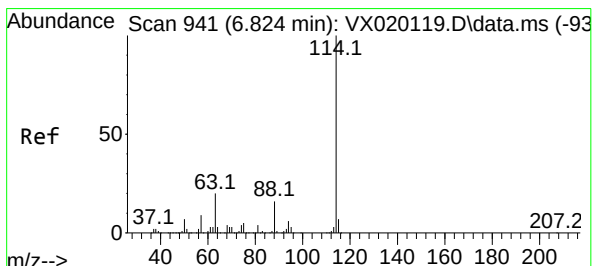
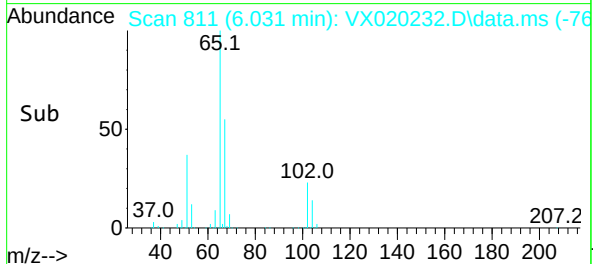
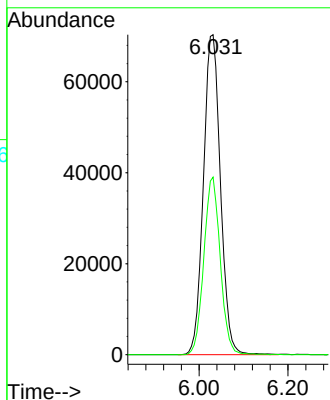
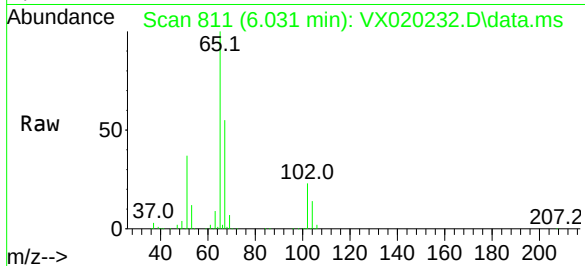
Acq: 20 Dec 2020 16:23

Tgt Ion: 65 Resp: 187946

Ion Ratio Lower Upper

65 100

67 53.6 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: VX020232.D

Acq: 20 Dec 2020 16:23

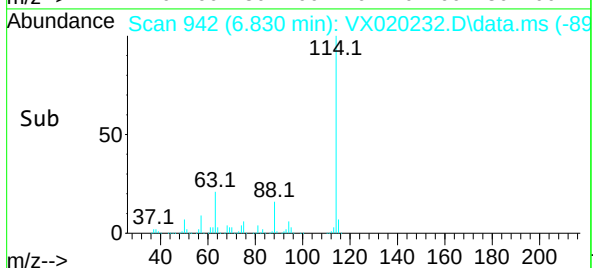
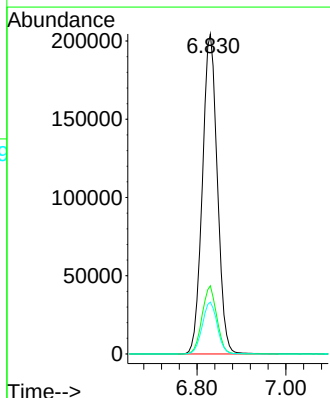
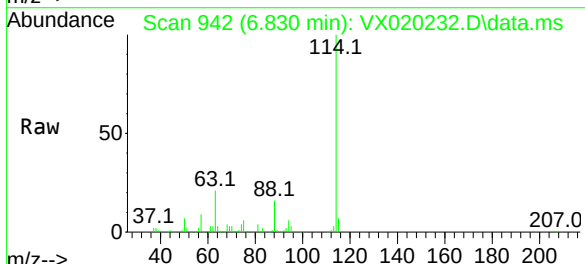
Tgt Ion: 114 Resp: 479303

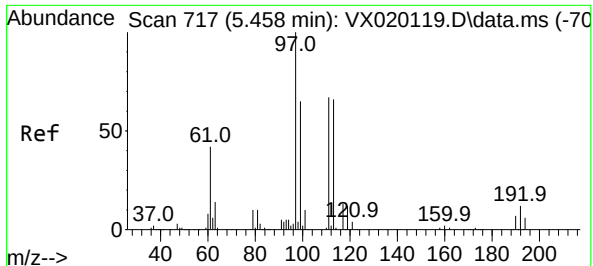
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 16.2 0.0 32.8

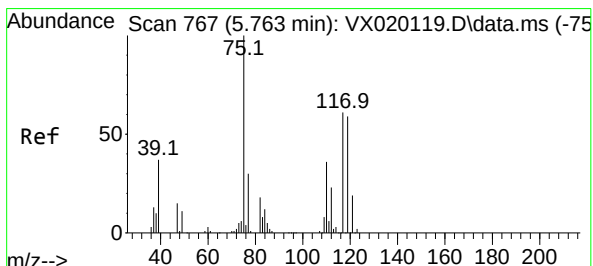
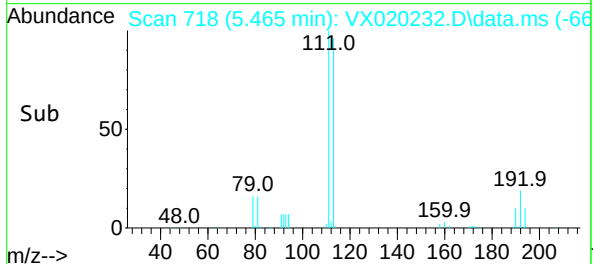
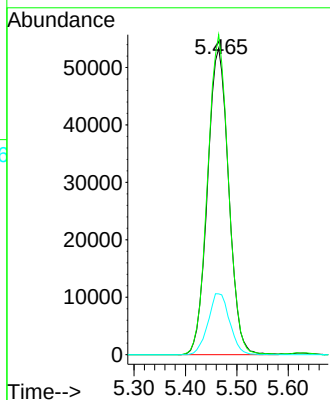
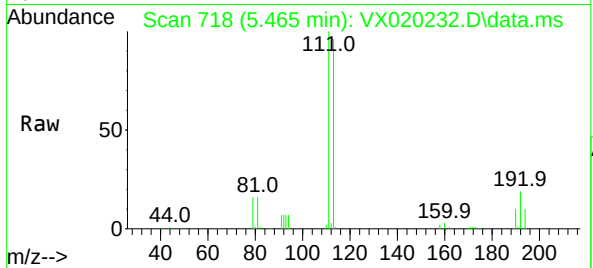




#35
Dibromofluoromethane
Concen: 49.84 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

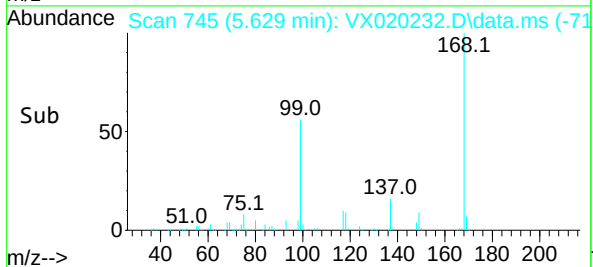
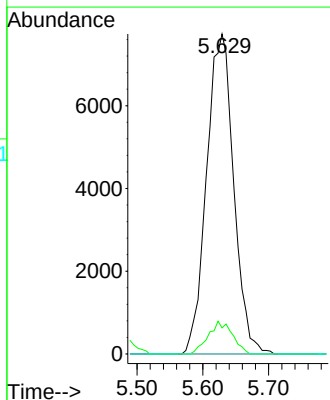
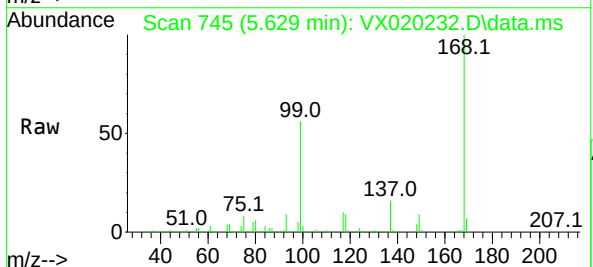
Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

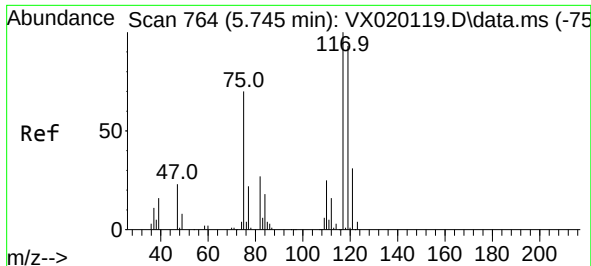
Tgt Ion:113 Resp: 152803
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

Tgt Ion: 75 Resp: 22143
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#

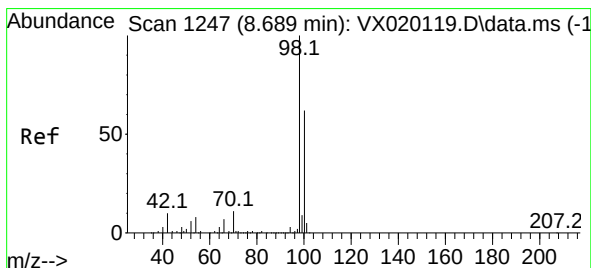
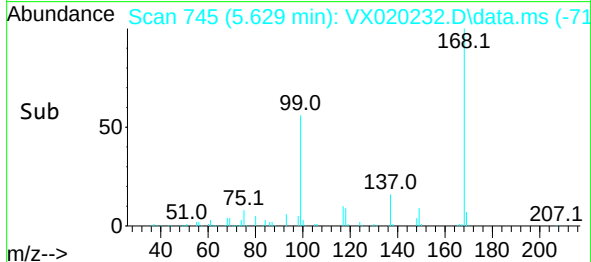
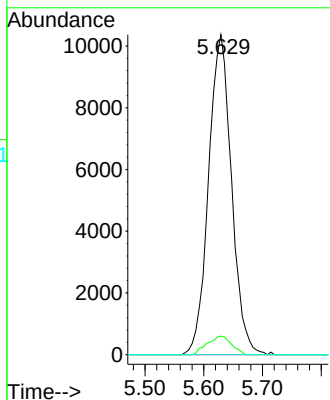
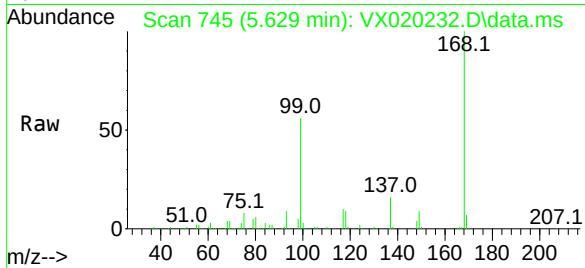




#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

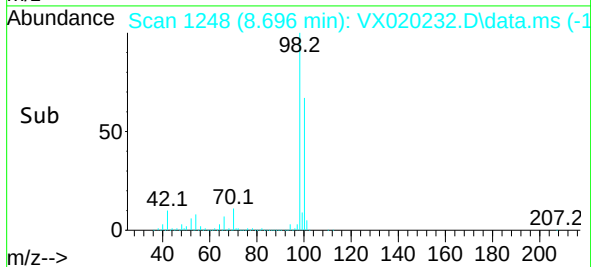
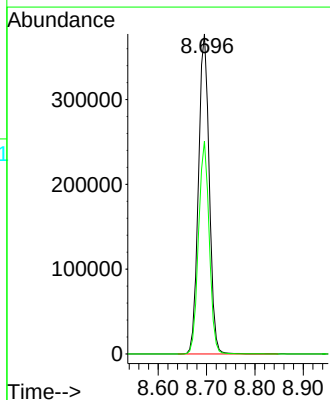
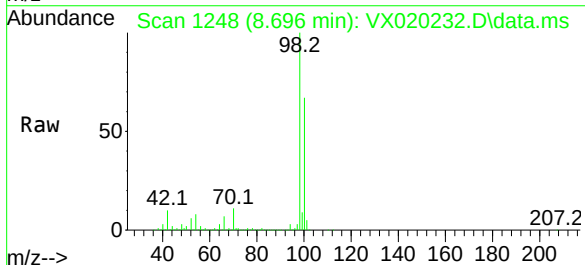
Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

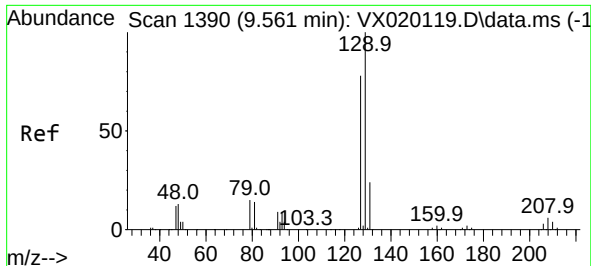
Tgt Ion:117 Resp: 28121
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.35 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

Tgt Ion: 98 Resp: 582383
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

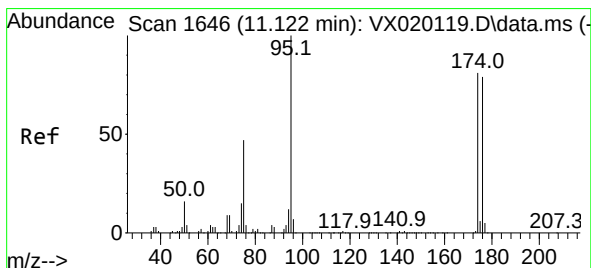
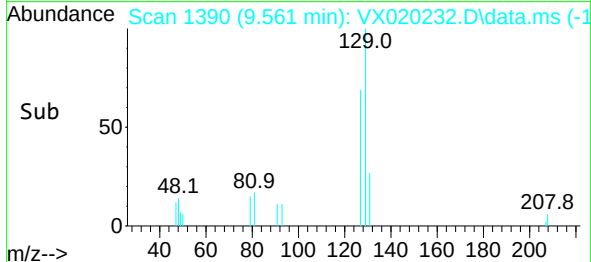
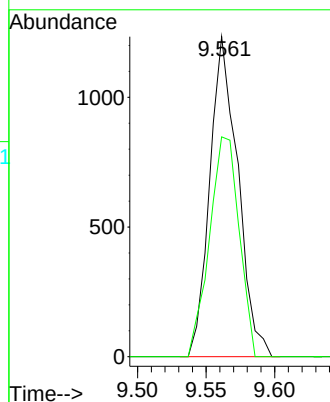
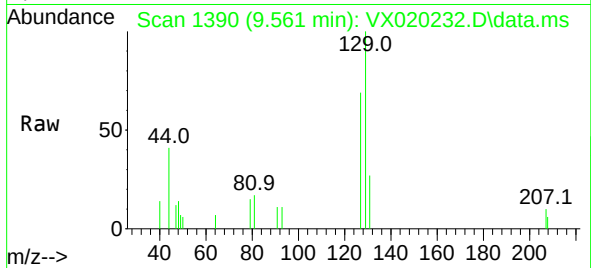




#60
Dibromochloromethane
Concen: 0.48 ug/l
RT: 9.561 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

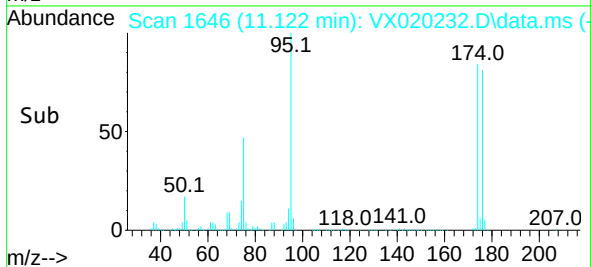
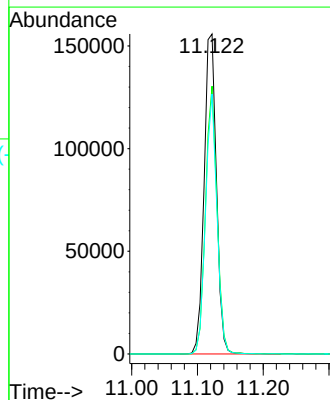
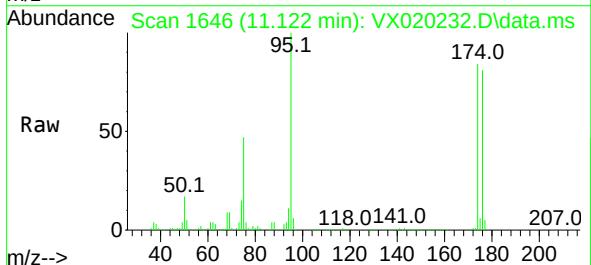
Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

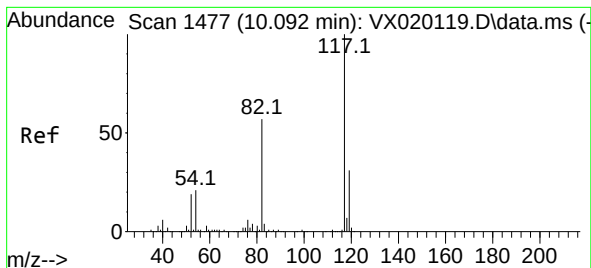
Tgt Ion:129 Resp: 1756
Ion Ratio Lower Upper
129 100
127 72.4 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 44.90 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

Tgt Ion: 95 Resp: 202820
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 75.5 0.0 155.8

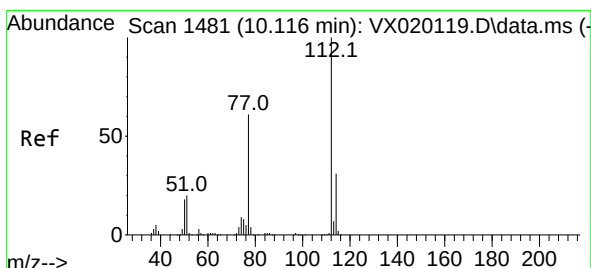
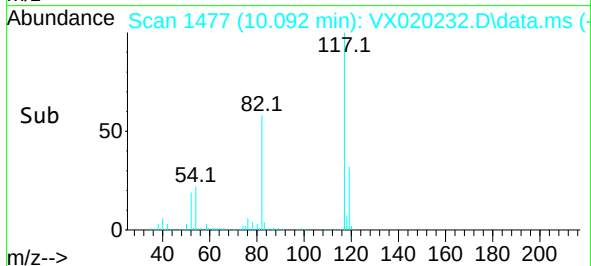
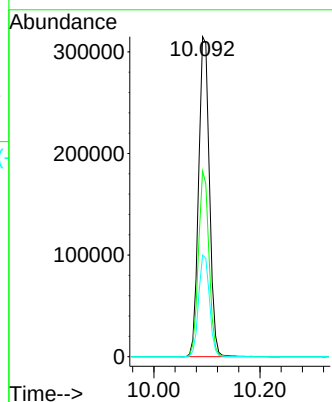
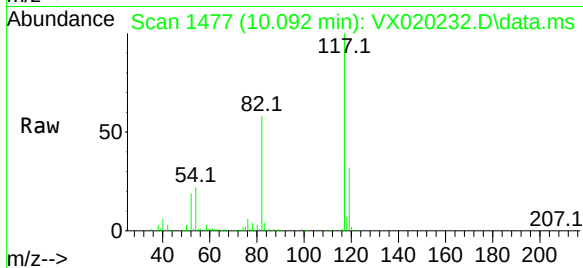




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

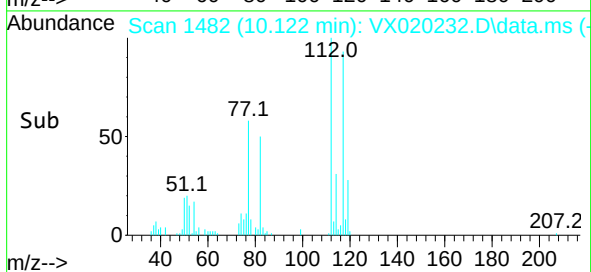
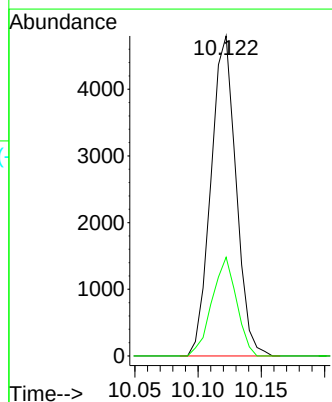
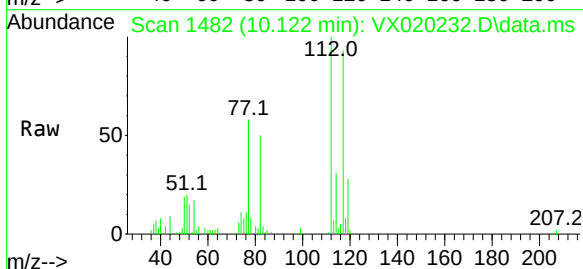
Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

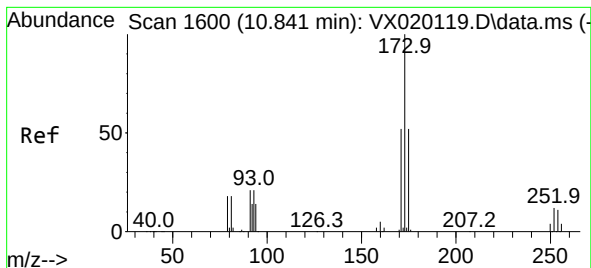
Tgt Ion:117 Resp: 444109
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.8 26.6 39.8



#65
Chlorobenzene
Concen: 0.69 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

Tgt Ion:112 Resp: 6616
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6

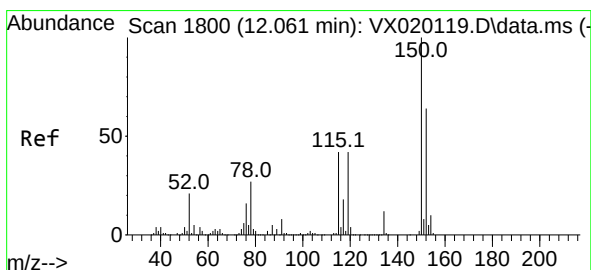
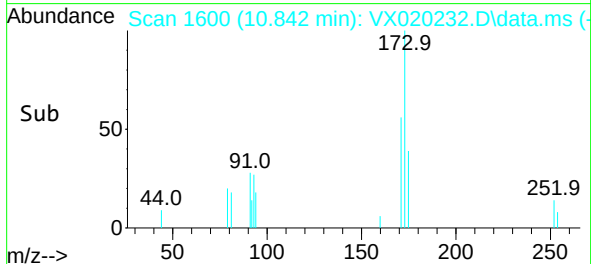
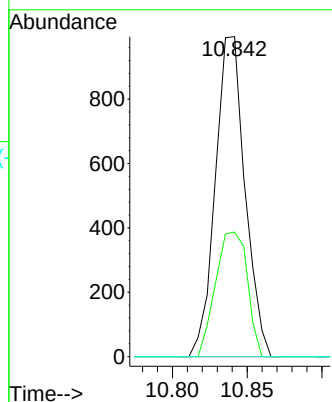
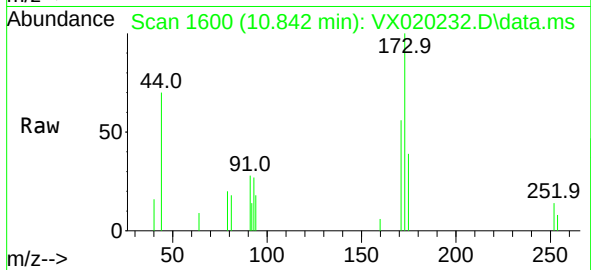




#71
Bromoform
Concen: 0.52 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

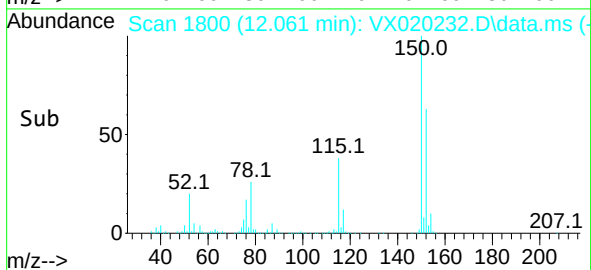
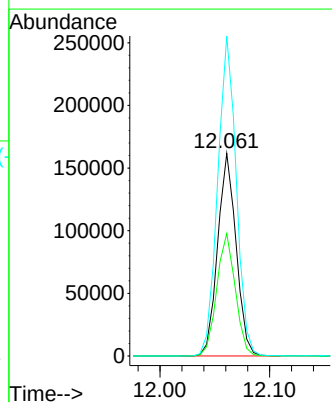
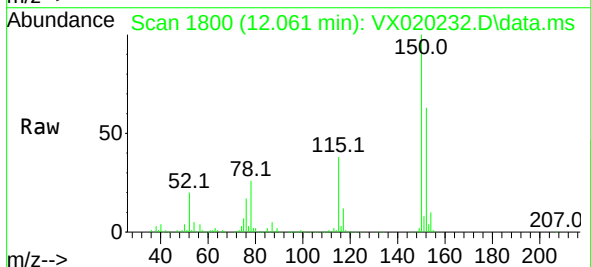
Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

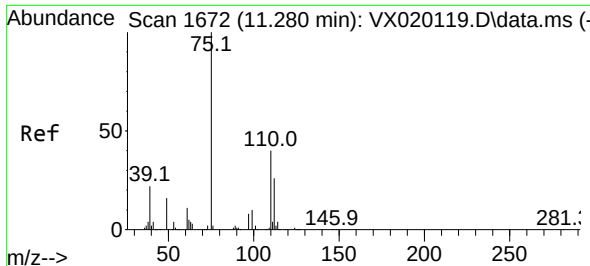
Tgt Ion:173 Resp: 1373
Ion Ratio Lower Upper
173 100
175 41.4 23.9 71.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

Tgt Ion:152 Resp: 189179
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 159.1 0.0 349.0

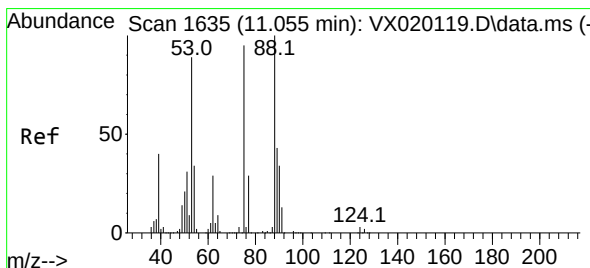
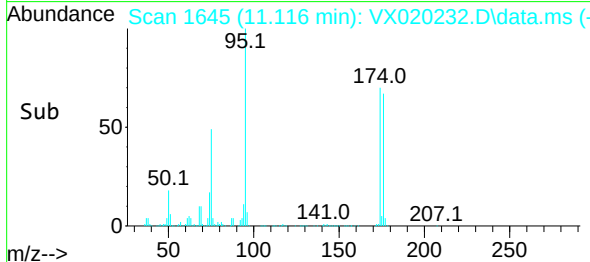
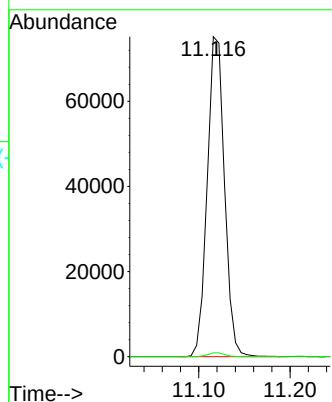
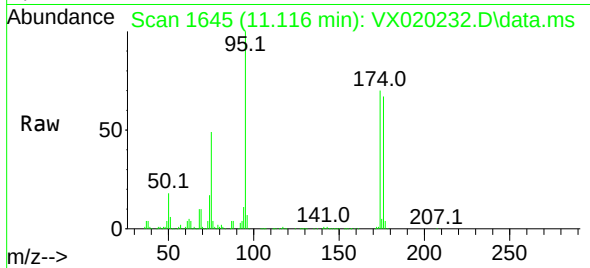




#76
1,2,3-Trichloropropane
Concen: 21.13 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

Instrument :
MSVOA_X
ClientSampleId :
39-MWE7-121420

Tgt Ion: 75 Resp: 98450
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.68 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020232.D
Acq: 20 Dec 2020 16:23

Tgt Ion: 75 Resp: 98450
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

