

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020373.D
 Acq On : 24 Dec 2020 05:31
 Operator : JC/MD
 Sample : L5094-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5578(S)-121320

Quant Time: Dec 24 06:39:07 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)

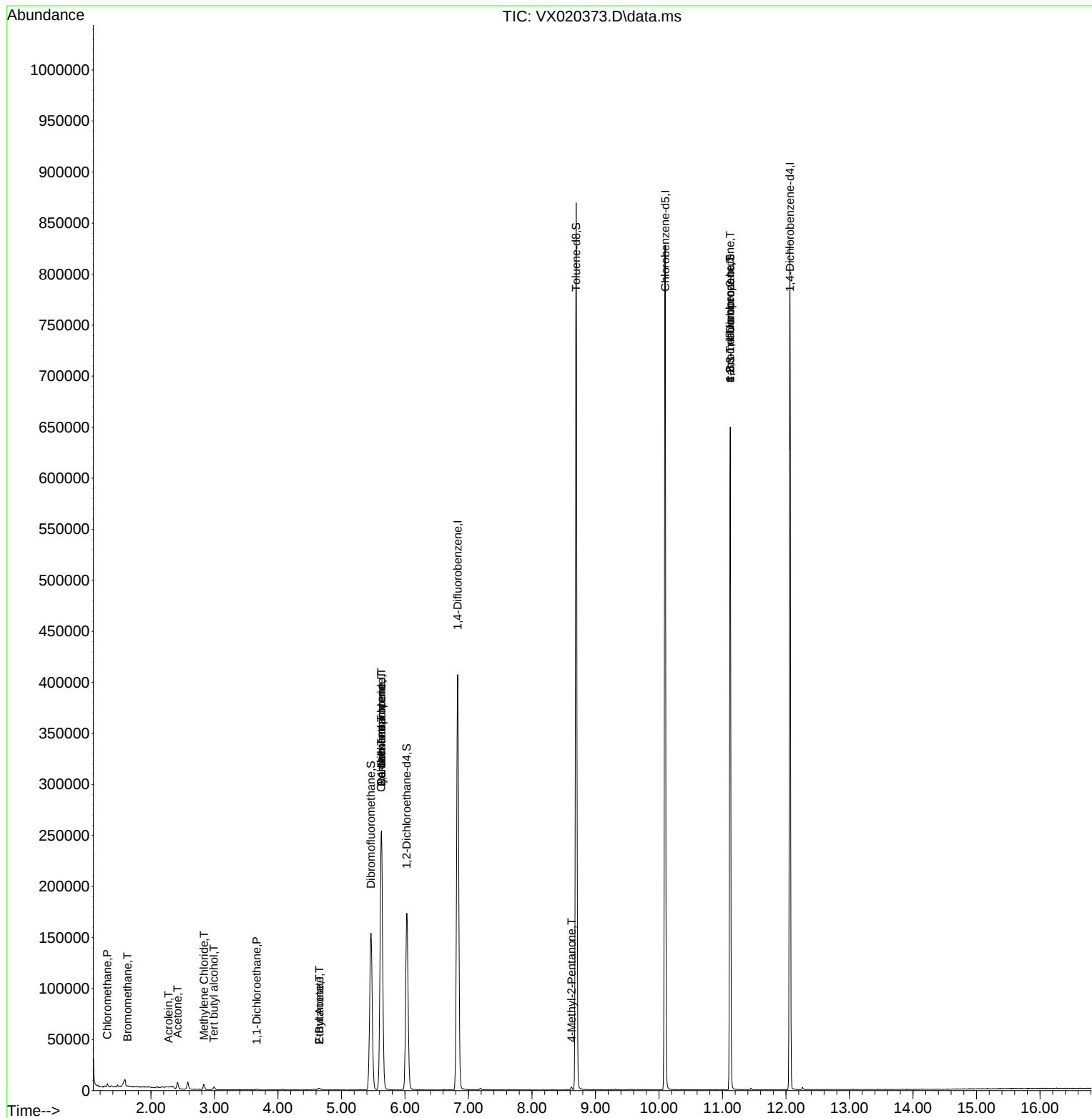
Internal Standards						
1) Pentafluorobenzene	5.629	168	243354	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	411290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	398659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	164076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	167925	51.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.96%			
35) Dibromofluoromethane	5.465	113	134082	50.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.92%			
50) Toluene-d8	8.696	98	503718	49.74	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.48%			
62) 4-Bromofluorobenzene	11.122	95	173762	44.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.66%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	1241	0.40	ug/l	98
5) Bromomethane	1.630	94	344	0.32	ug/l	100
11) Tert butyl alcohol	2.989	59	1577	2.16	ug/l #	73
13) Acrolein	2.276	56	108	0.24	ug/l #	1
16) Acetone	2.416	43	6564	4.41	ug/l	99
20) Methylene Chloride	2.837	84	2198	0.66	ug/l	98
24) 1,1-Dichloroethane	3.666	63	1076	0.20	ug/l #	81
25) 2-Butanone	4.654	43	1015	0.47	ug/l #	81
31) Cyclohexane	5.623	56	5094	1.13	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19204	4.72	ug/l #	48
37) Ethyl Acetate	4.654	43	1015	0.24	ug/l #	64
38) Carbon Tetrachloride	5.629	117	24471	6.33	ug/l #	17
51) 4-Methyl-2-Pentanone	8.623	43	1722	0.42	ug/l	97
76) 1,2,3-Trichloropropane	11.122	75	87503	21.65	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	87503	64.23	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
Data File : VX020373.D
Acq On : 24 Dec 2020 05:31
Operator : JC/MD
Sample : L5094-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
49-5578(S)-121320

Quant Time: Dec 24 06:39:07 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

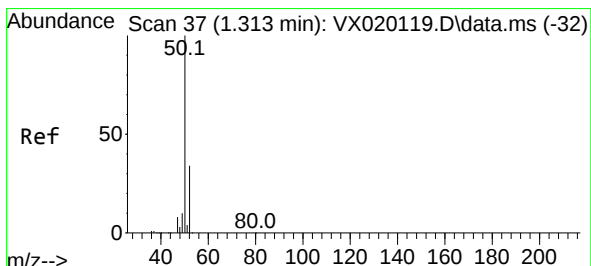
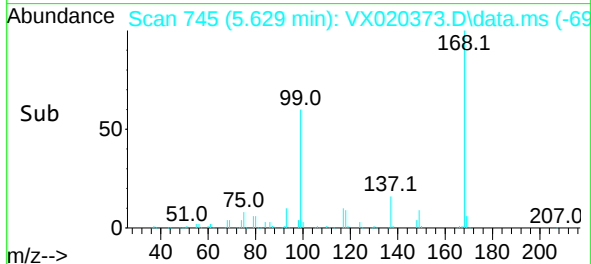
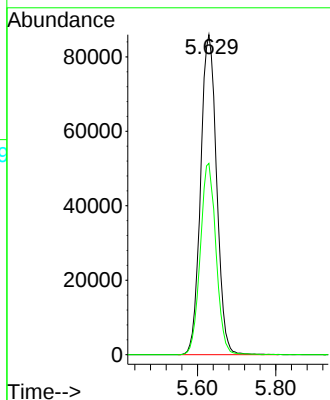
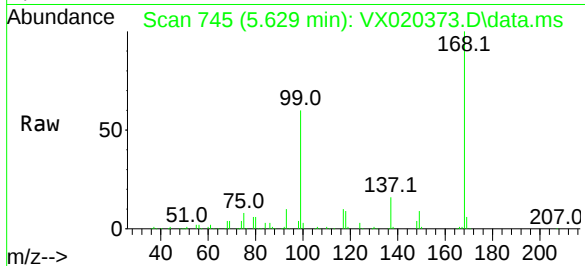




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

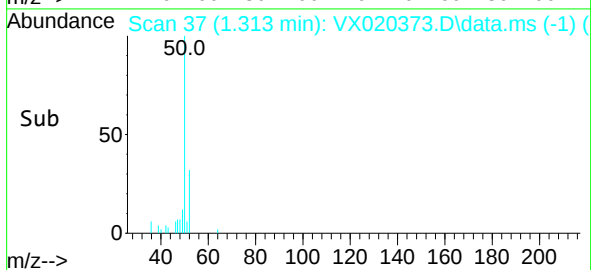
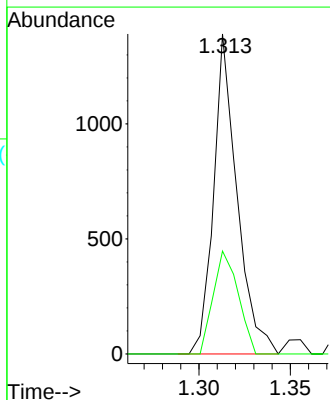
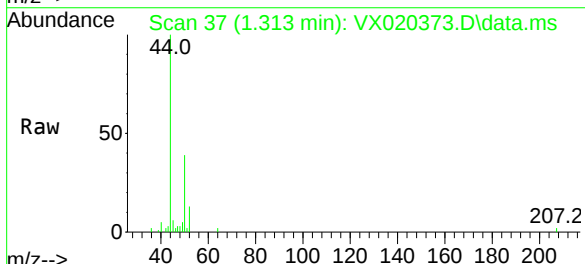
Instrument :
MSVOA_X
ClientSampleId :
49-5578(S)-121320

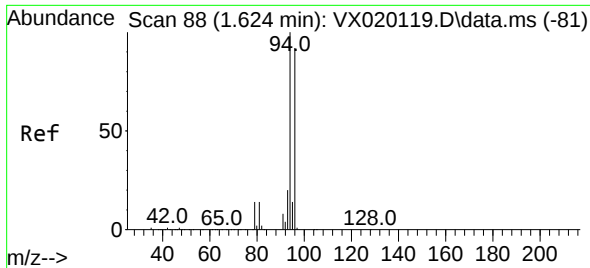
Tgt Ion:168 Resp: 243354
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6



#3
Chloromethane
Concen: 0.40 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

Tgt Ion: 50 Resp: 1241
Ion Ratio Lower Upper
50 100
52 32.1 26.4 39.6

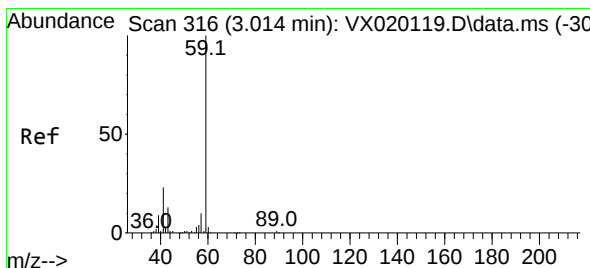
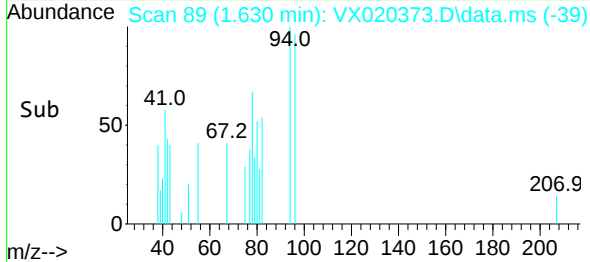
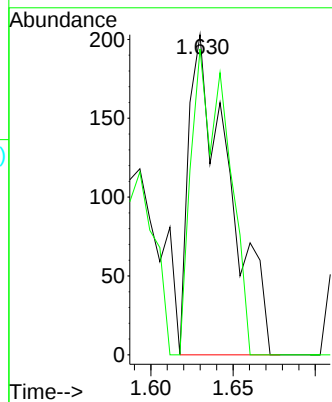
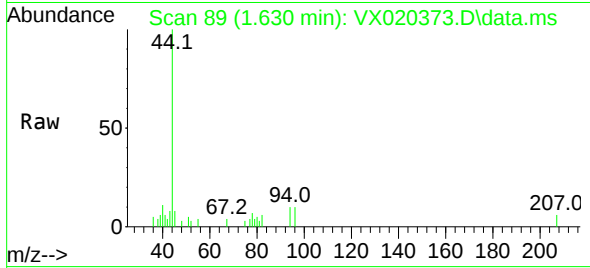




#5
Bromomethane
Concen: 0.32 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

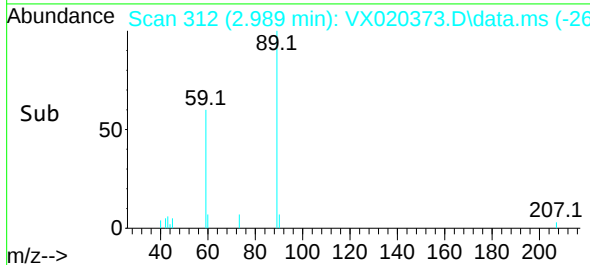
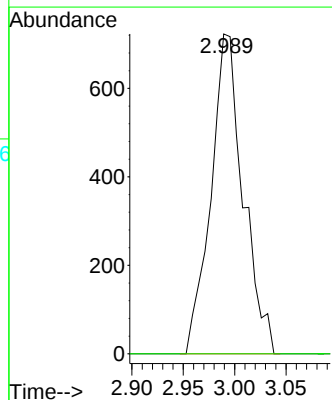
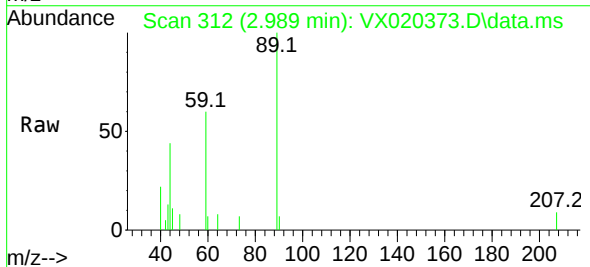
Instrument :
MSVOA_X
ClientSampleId :
49-5578(S)-121320

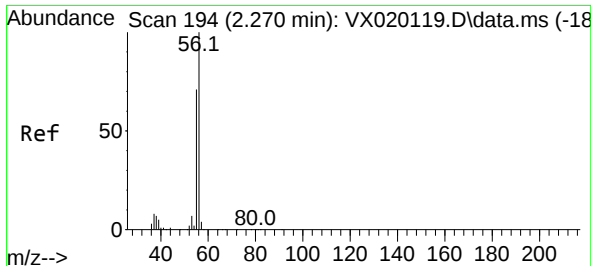
Tgt Ion: 94 Resp: 344
Ion Ratio Lower Upper
94 100
96 95.6 76.4 114.6



#11
Tert butyl alcohol
Concen: 2.16 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

Tgt Ion: 59 Resp: 1577
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

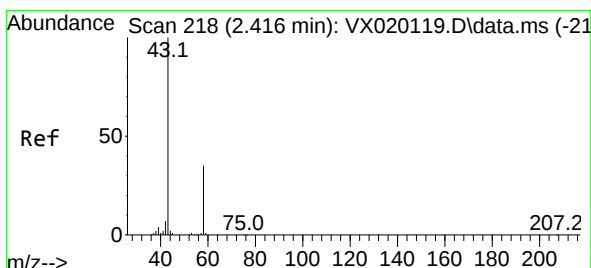
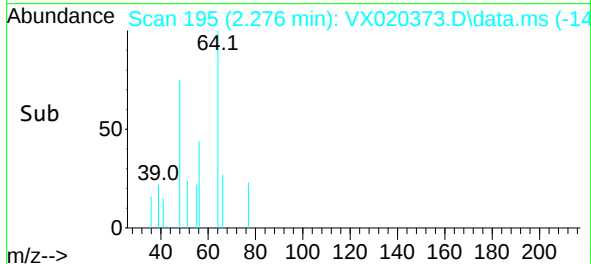
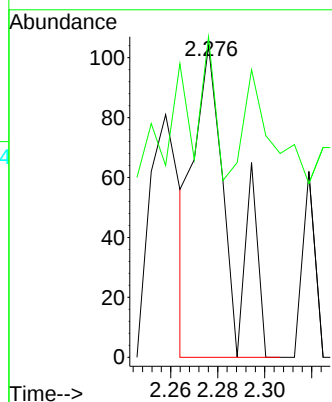
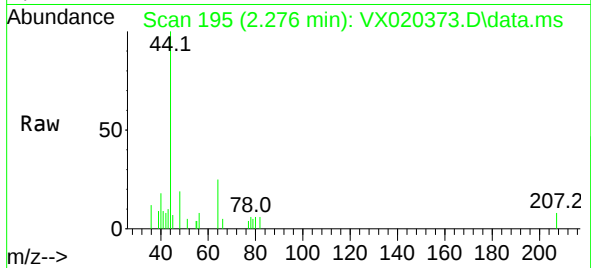




#13
Acrolein
Concen: 0.24 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

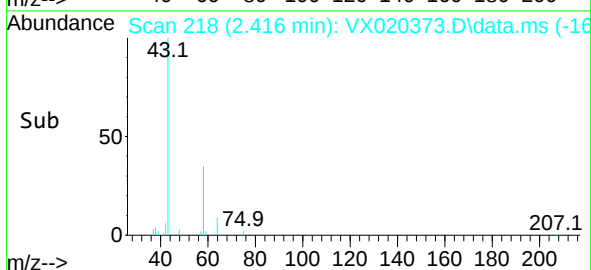
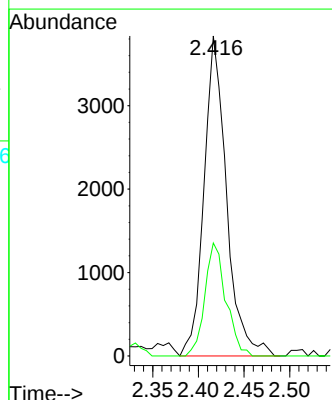
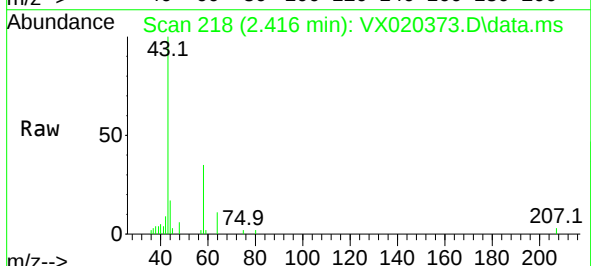
Instrument :
MSVOA_X
ClientSampleId :
49-5578(S)-121320

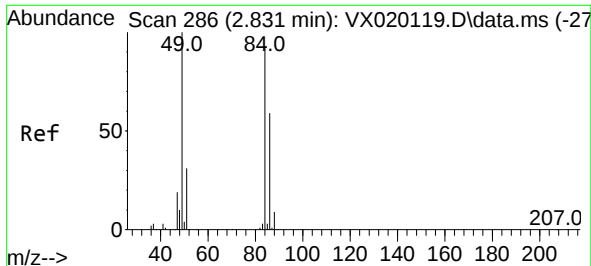
Tgt Ion: 56 Resp: 108
Ion Ratio Lower Upper
56 100
55 201.9 56.4 84.6#



#16
Acetone
Concen: 4.41 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

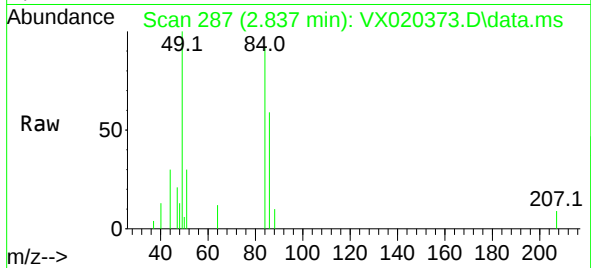
Tgt Ion: 43 Resp: 6564
Ion Ratio Lower Upper
43 100
58 35.3 27.8 41.8



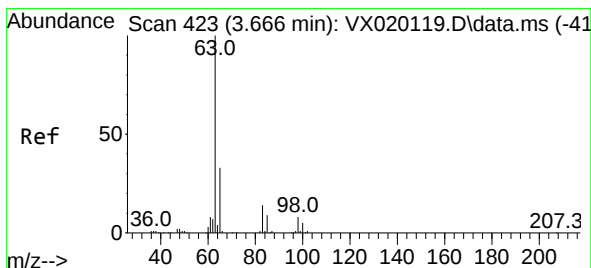
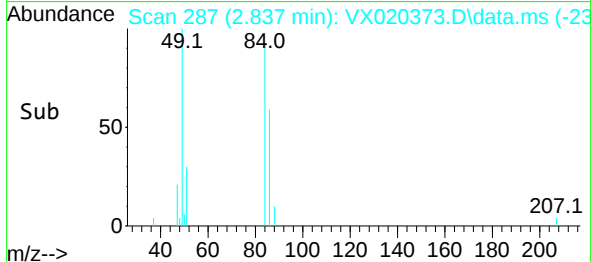
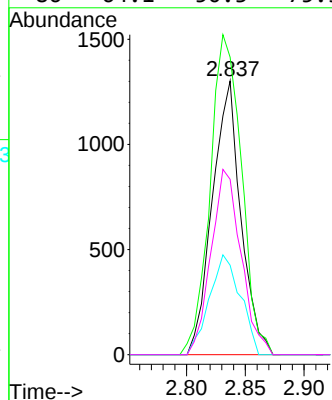


#20
Methylene Chloride
Concen: 0.66 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

Instrument :
MSVOA_X
ClientSampleId :
49-5578(S)-121320

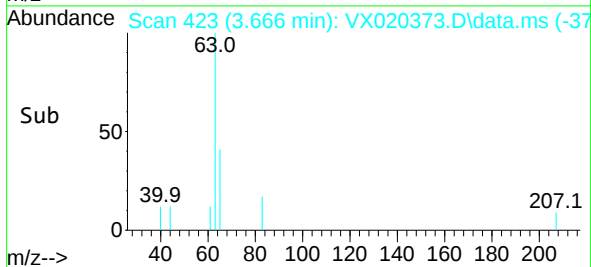
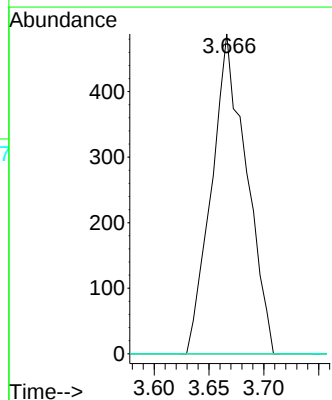
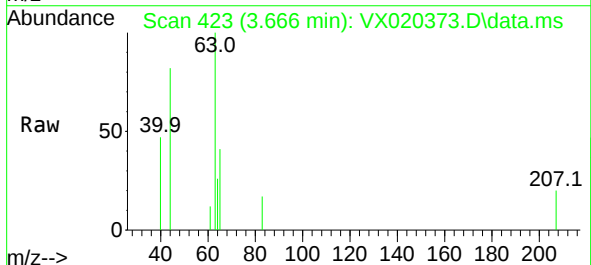


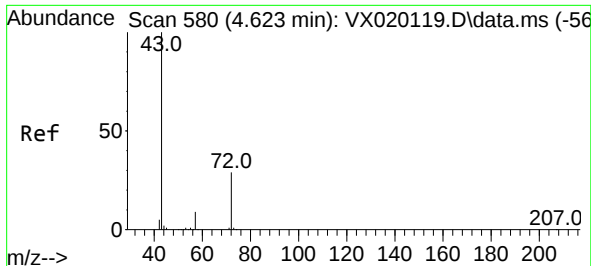
Tgt Ion:	84	Resp:	2198
Ion	Ratio	Lower	Upper
84	100		
49	108.7	88.6	132.8
51	32.6	27.0	40.6
86	64.1	50.3	75.5



#24
1,1-Dichloroethane
Concen: 0.20 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

Tgt Ion:	63	Resp:	1076
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.8	11.2#
100	0.0	2.5	7.5#

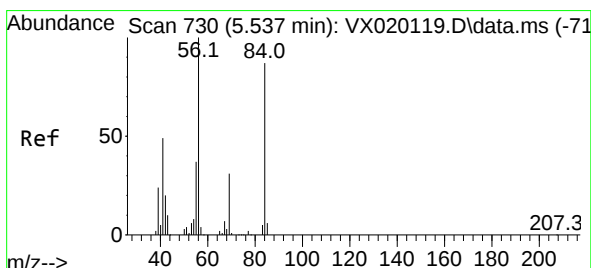
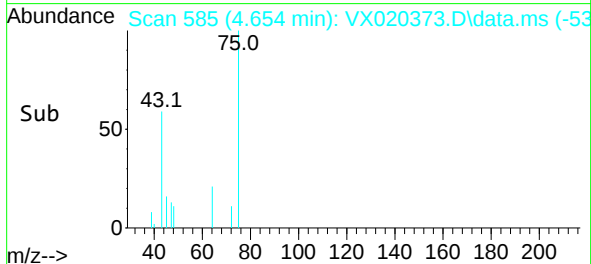
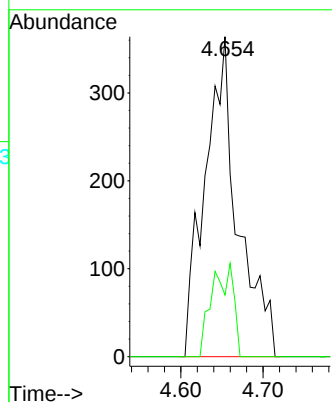
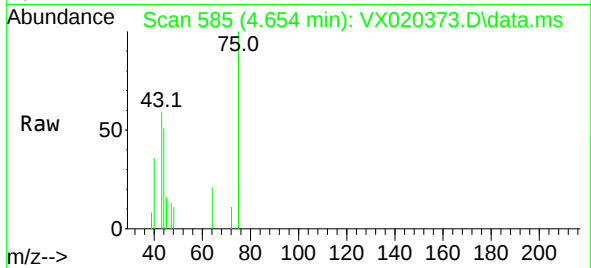




#25
2-Butanone
Concen: 0.47 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.031 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

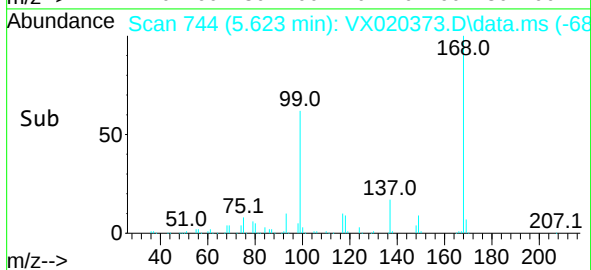
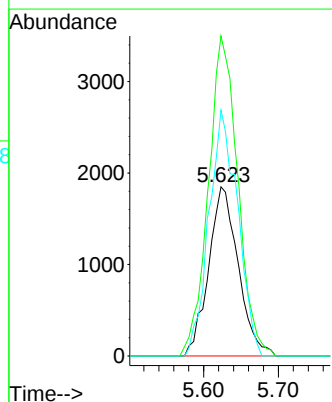
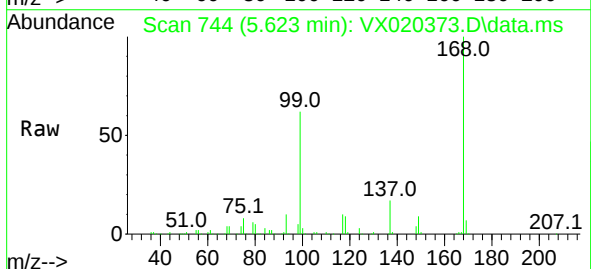
Instrument :
MSVOA_X
ClientSampleId :
49-5578(S)-121320

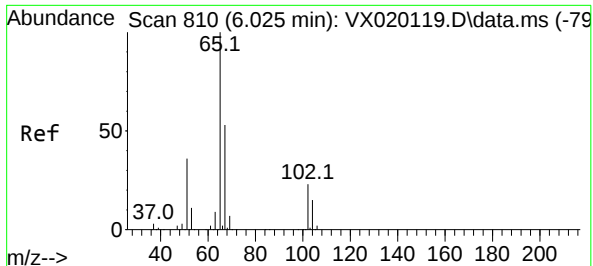
Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
72 19.2 23.7 35.5#



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

Tgt Ion: 56 Resp: 5094
Ion Ratio Lower Upper
56 100
69 189.2 25.3 37.9#
84 145.3 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.48 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020373.D

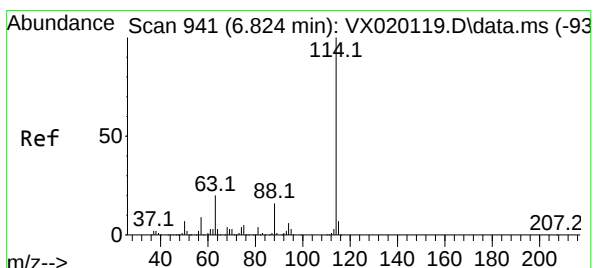
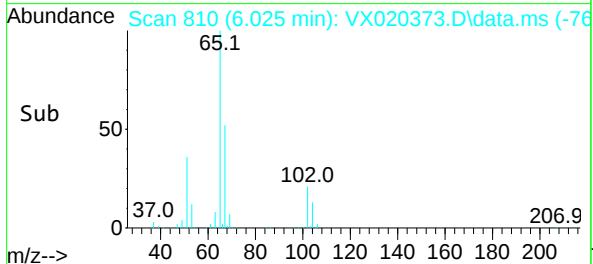
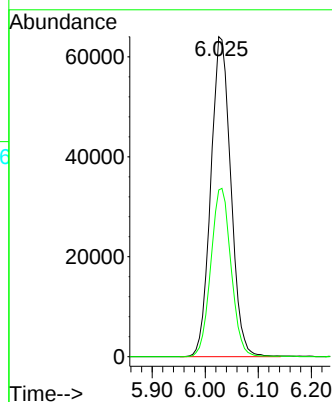
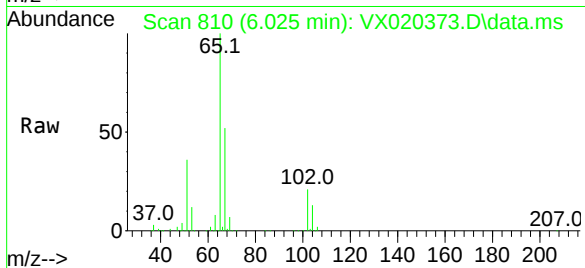
Acq: 24 Dec 2020 05:31

Tgt Ion: 65 Resp: 167925

Ion Ratio Lower Upper

65 100

67 53.1 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: VX020373.D

Acq: 24 Dec 2020 05:31

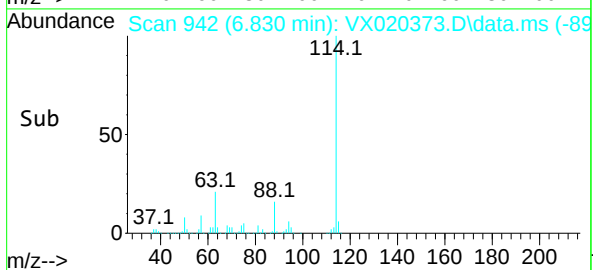
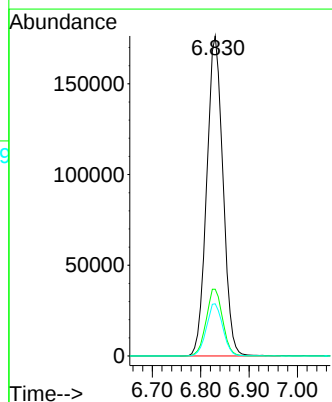
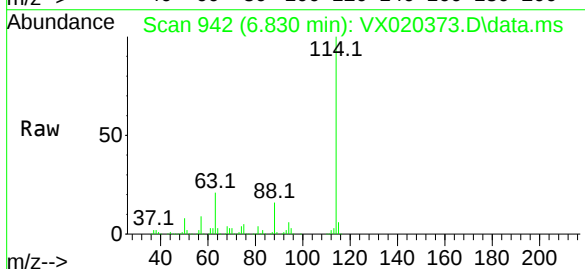
Tgt Ion: 114 Resp: 411290

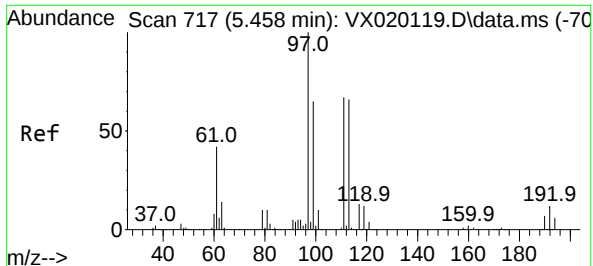
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

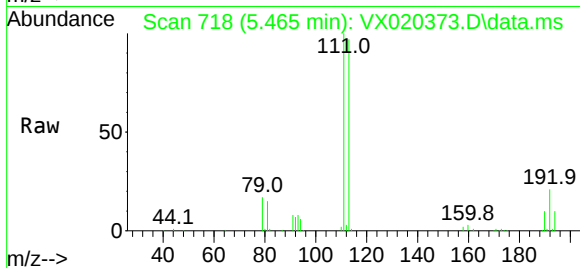
88 16.3 0.0 32.8



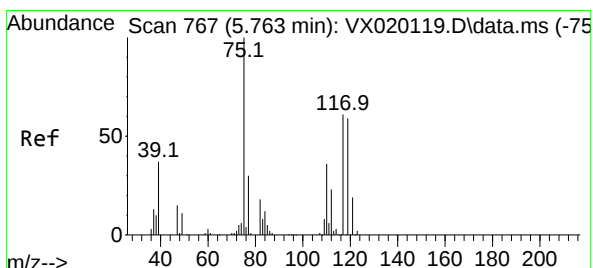
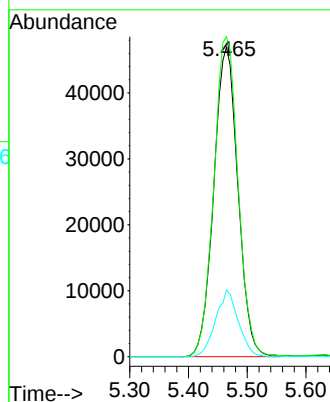
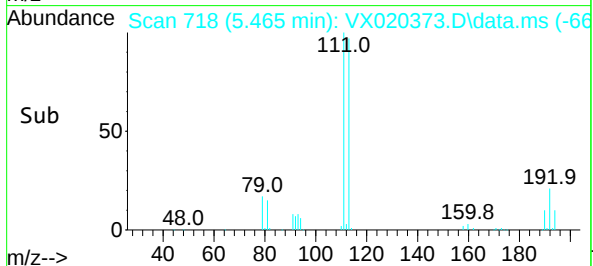


#35
Dibromofluoromethane
Concen: 50.96 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

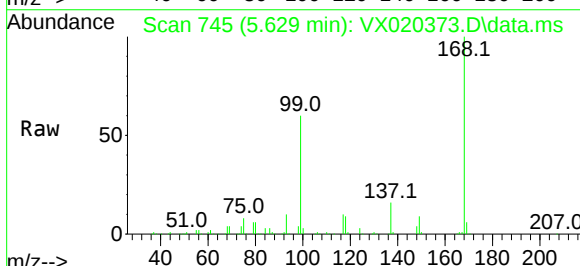
Instrument :
MSVOA_X
ClientSampleId :
49-5578(S)-121320



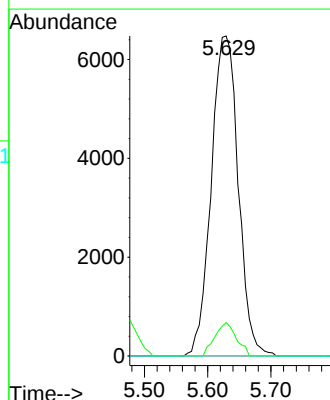
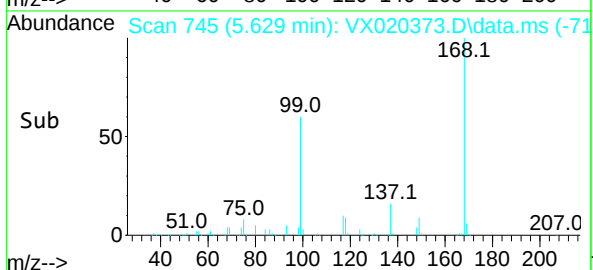
Tgt Ion:113 Resp: 134082
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 20.2 16.7 25.1

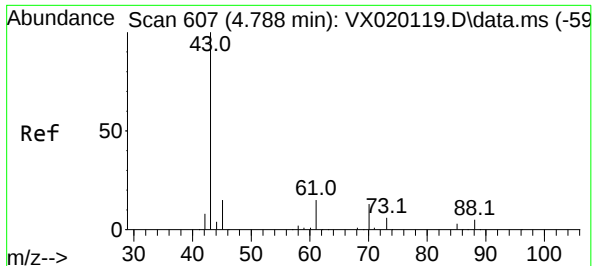


#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31



Tgt Ion: 75 Resp: 19204
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.24 ug/l

RT: 4.654 min Scan# 585

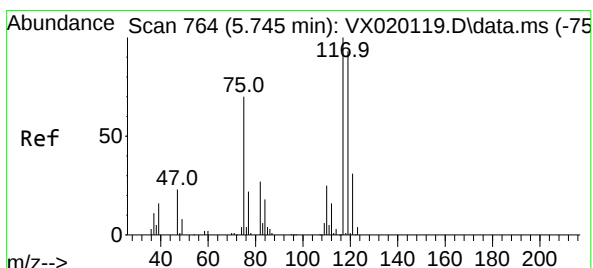
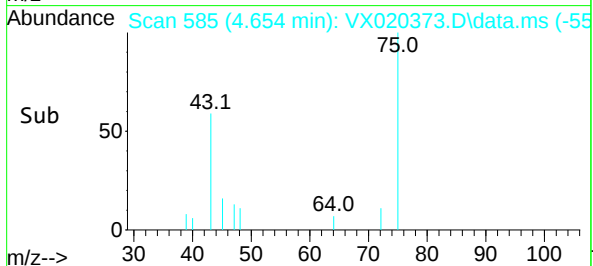
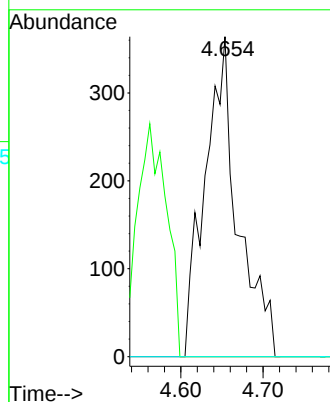
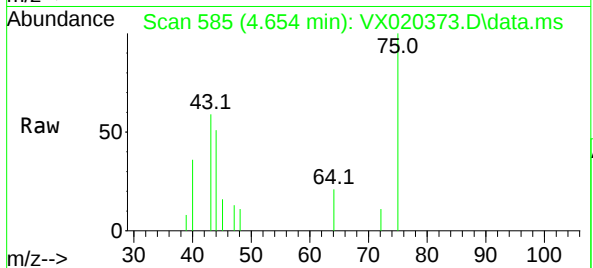
Delta R.T. -0.134 min

Lab File: VX020373.D

Acq: 24 Dec 2020 05:31

Tgt Ion:	43	Resp:	1015
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

Instrument :
MSVOA_X
ClientSampleId :
49-5578(S)-121320



#38

Carbon Tetrachloride

Concen: 6.33 ug/l

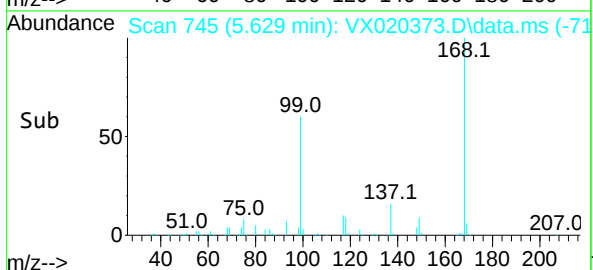
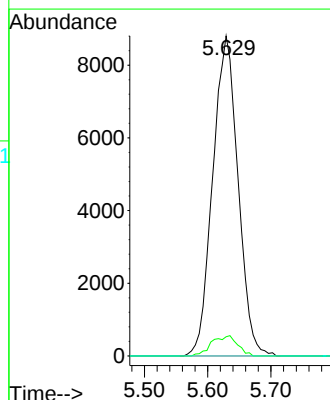
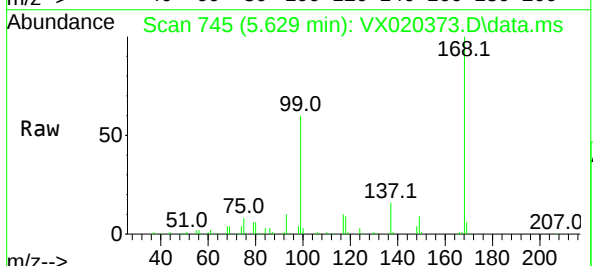
RT: 5.629 min Scan# 745

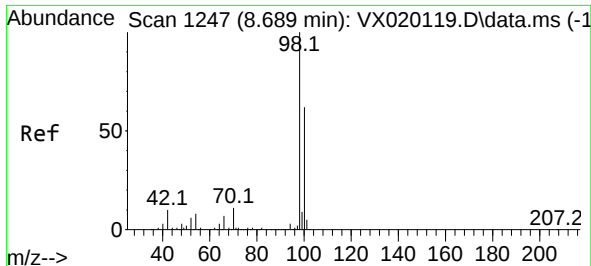
Delta R.T. -0.116 min

Lab File: VX020373.D

Acq: 24 Dec 2020 05:31

Tgt Ion:	117	Resp:	24471
Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.2	114.2#
121	0.0	24.8	37.2#

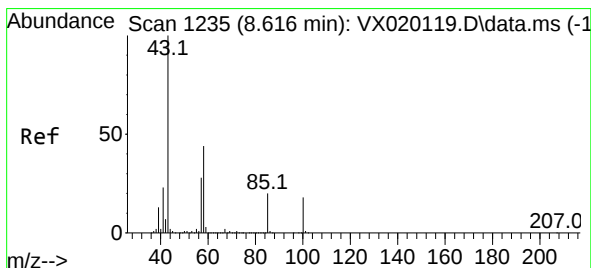
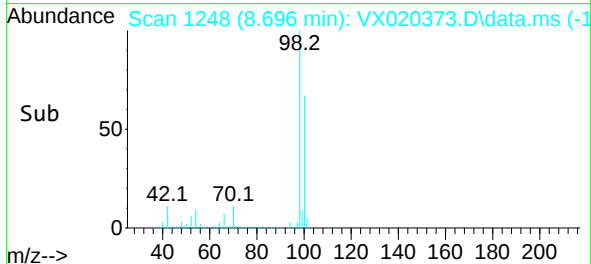
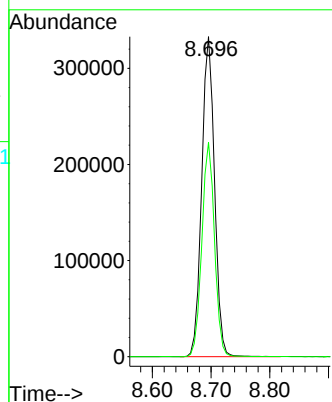
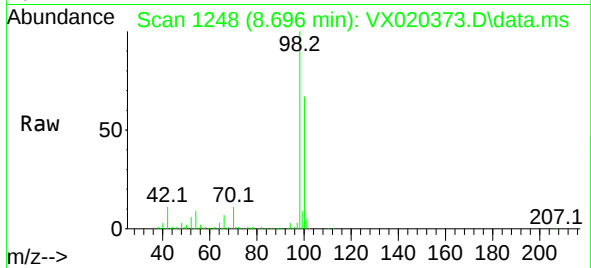




#50
Toluene-d8
Concen: 49.74 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

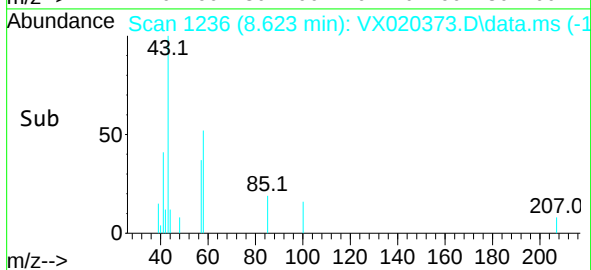
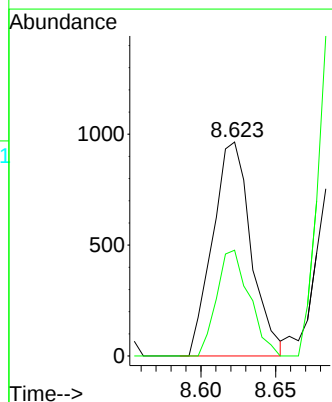
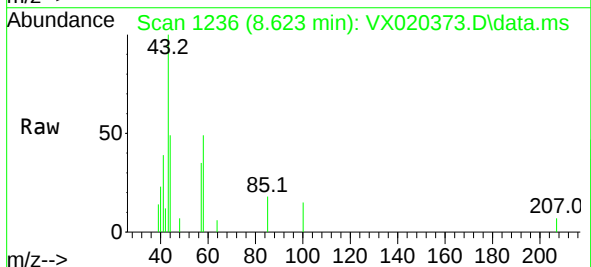
Instrument :
MSVOA_X
ClientSampleId :
49-5578(S)-121320

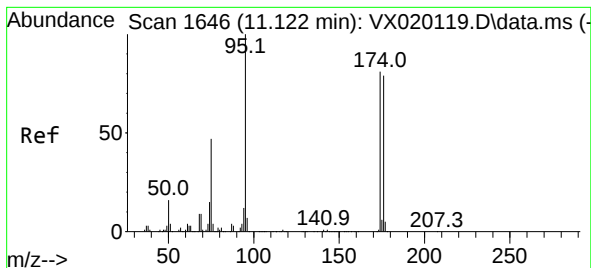
Tgt Ion: 98 Resp: 503718
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.42 ug/l
RT: 8.623 min Scan# 1236
Delta R.T. 0.007 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
58 42.3 35.4 53.0

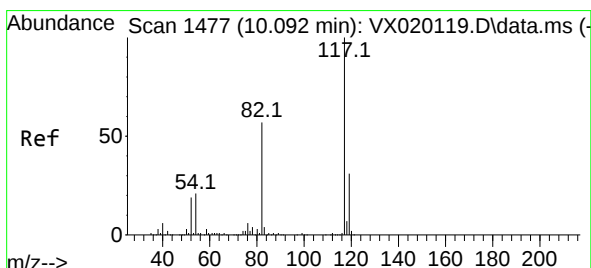
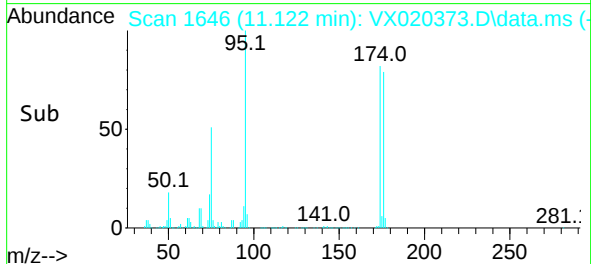
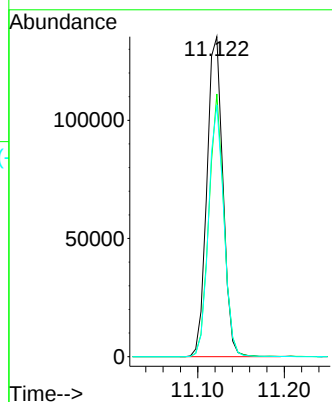
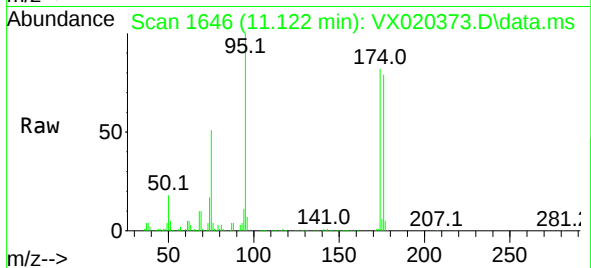




#62
4-Bromofluorobenzene
Concen: 44.83 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

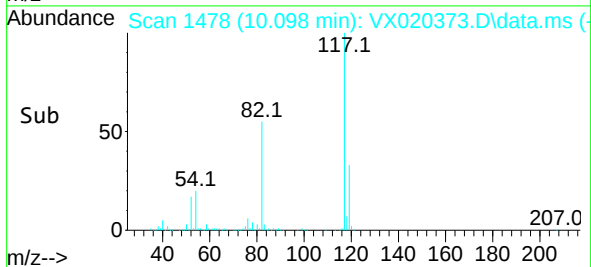
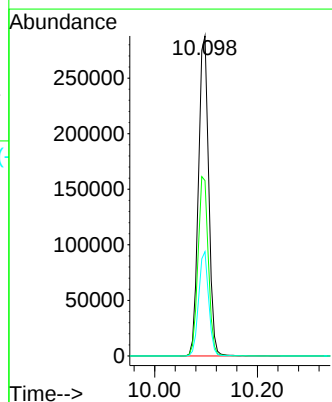
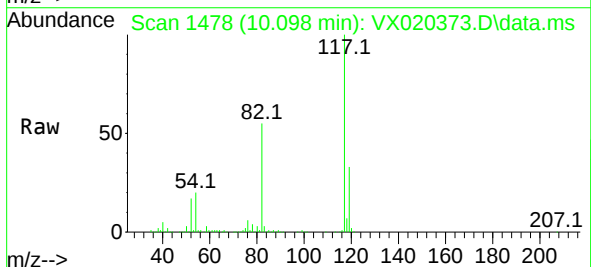
Instrument :
MSVOA_X
ClientSampleId :
49-5578(S)-121320

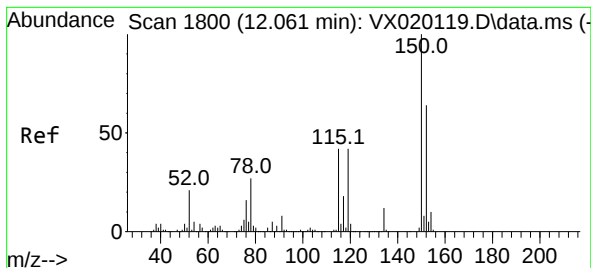
Tgt Ion: 95 Resp: 173762
Ion Ratio Lower Upper
95 100
174 76.5 0.0 154.6
176 75.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

Tgt Ion: 117 Resp: 398659
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 32.6 26.6 39.8

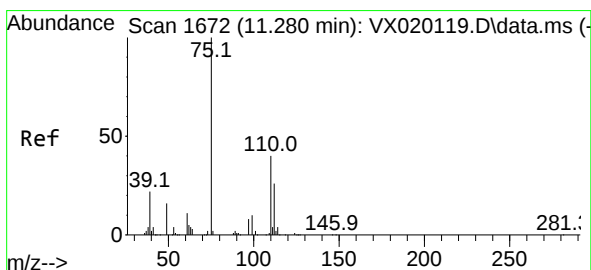
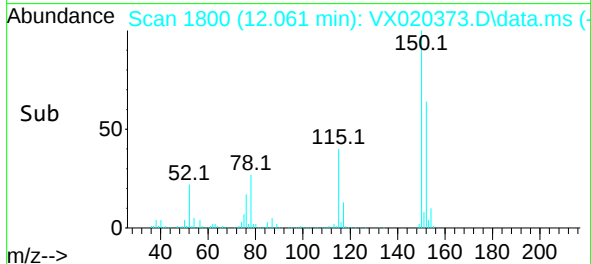
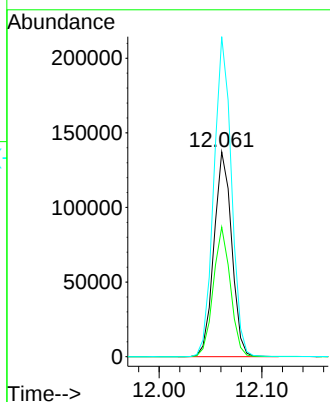
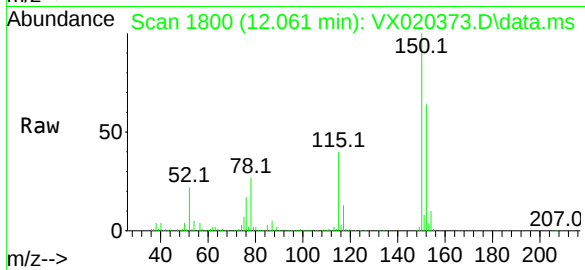




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

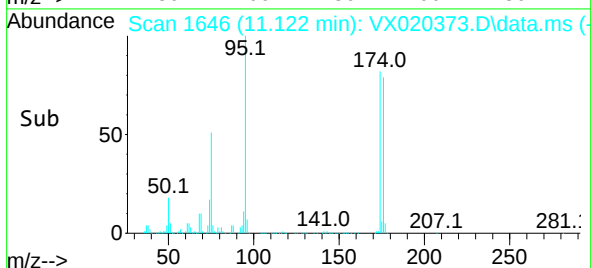
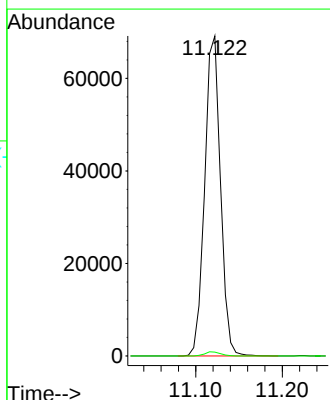
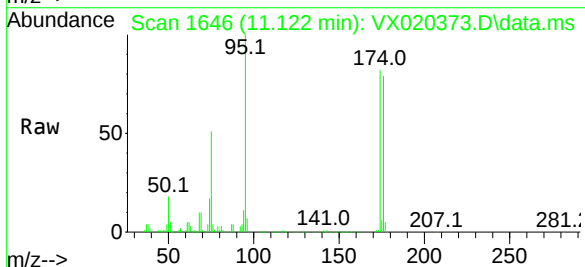
Instrument :
MSVOA_X
ClientSampleId :
49-5578(S)-121320

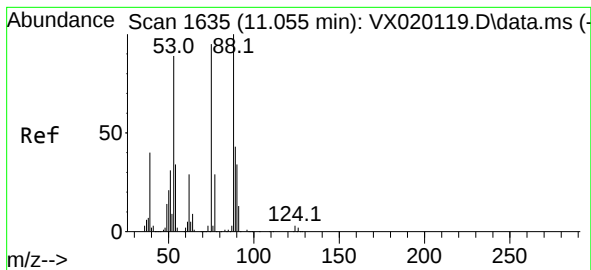
Tgt Ion:152 Resp: 164076
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 155.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.65 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020373.D
Acq: 24 Dec 2020 05:31

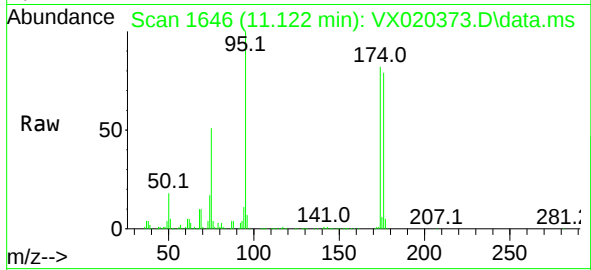
Tgt Ion: 75 Resp: 87503
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.23 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020373.D
 Acq: 24 Dec 2020 05:31

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5578(S)-121320



Tgt Ion: 75 Resp: 87503
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

