

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024346.D
 Acq On : 20 Sep 2021 12:01
 Operator : JC/MD
 Sample : VX0920WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBL01

Quant Time: Sep 21 08:40:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

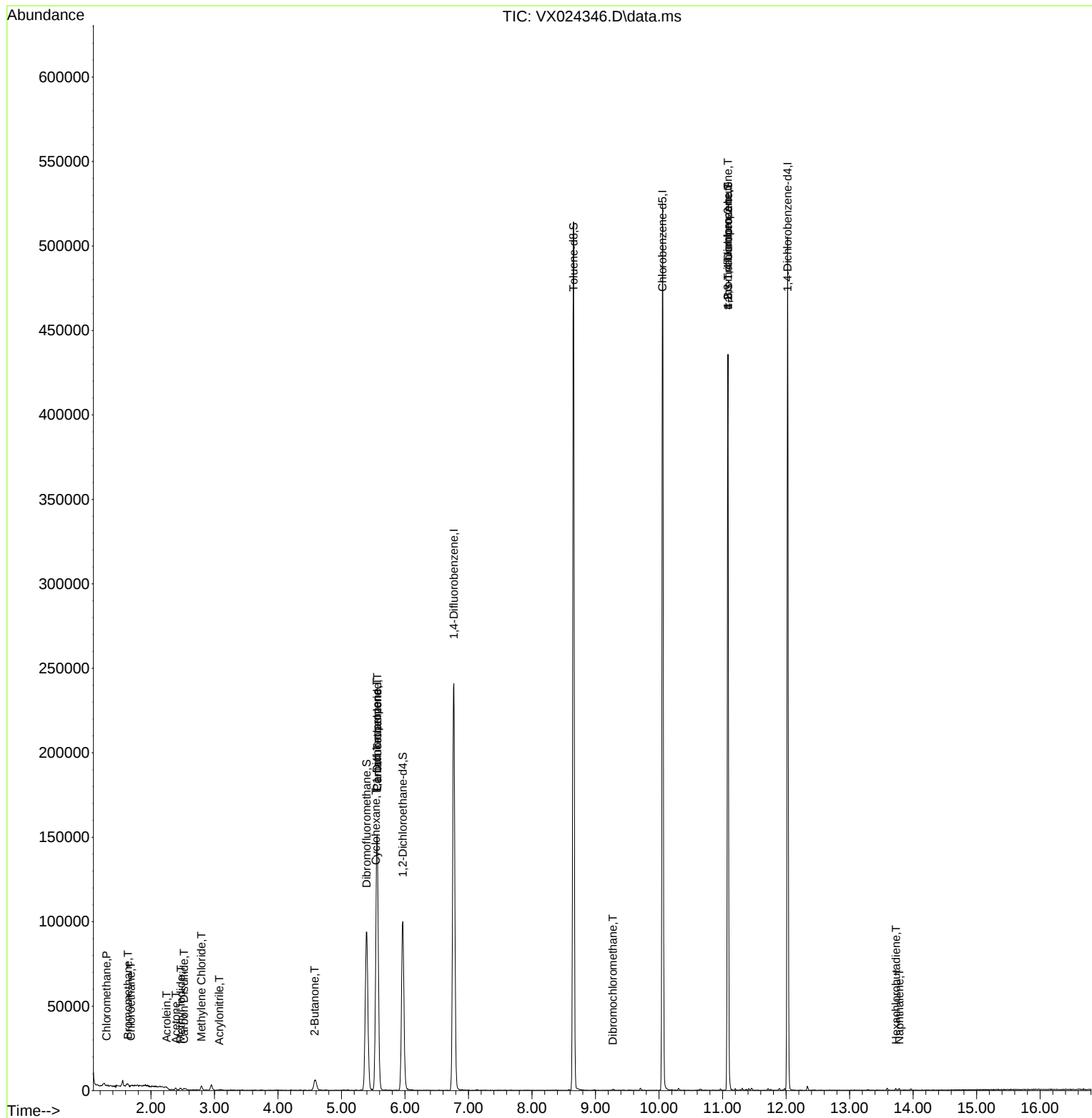
Internal Standards						
1) Pentafluorobenzene	5.562	168	142039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102519	50.616	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.240%			
35) Dibromofluoromethane	5.397	113	80630	49.862	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.720%			
50) Toluene-d8	8.653	98	294730	50.031	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.060%			
62) 4-Bromofluorobenzene	11.085	95	107774	47.011	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.020%			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	332	0.233	ug/l #	80
5) Bromomethane	1.636	94	968	1.146	ug/l #	42
6) Chloroethane	1.685	64	227	2.190	ug/l #	43
10) Methyl Iodide	2.471	142	1239	0.640	ug/l	93
11) Tert butyl alcohol	2.947	59	1911	Below Cal	#	73
13) Acrolein	2.245	56	48	0.360	ug/l #	1
15) Acrylonitrile	3.075	53	166	0.200	ug/l #	55
16) Acetone	2.392	43	1144	1.325	ug/l	90
17) Carbon Disulfide	2.520	76	1144	0.349	ug/l	99
20) Methylene Chloride	2.794	84	1107	0.668	ug/l	92
25) 2-Butanone	4.574	43	322	0.253	ug/l #	45
31) Cyclohexane	5.544	56	3378	1.426	ug/l #	50
36) 1,1-Dichloropropene	5.556	75	10923	4.927	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14381	5.764	ug/l #	16
60) Dibromochloromethane	9.275	129	85	1.767	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	59269	25.331	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	59269	74.499	ug/l #	12
94) Hexachlorobutadiene	13.731	225	284	0.288	ug/l	76
95) Naphthalene	13.786	128	835	1.399	ug/l #	93

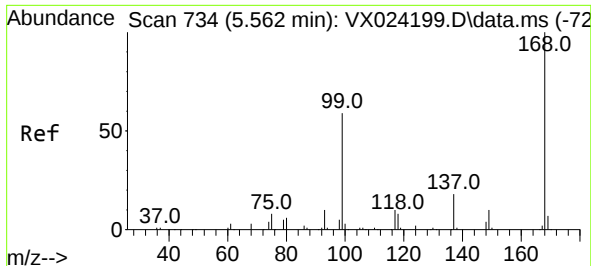
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Sep 21 08:40:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
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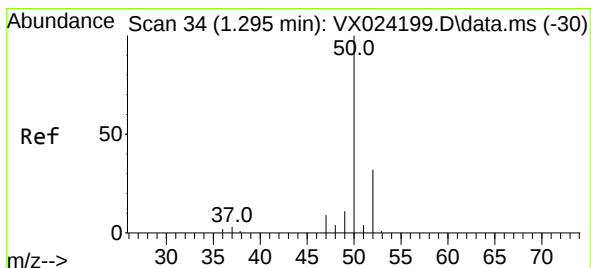
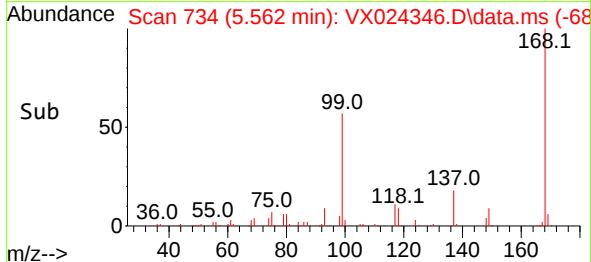
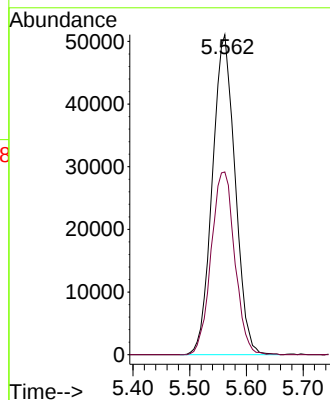
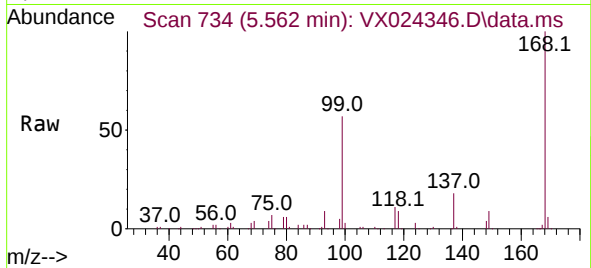




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

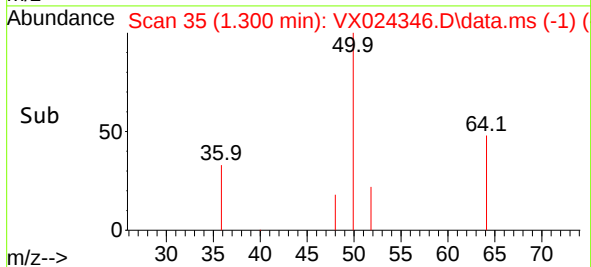
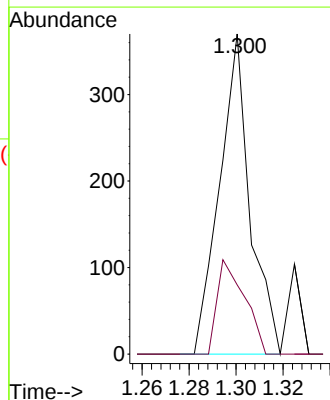
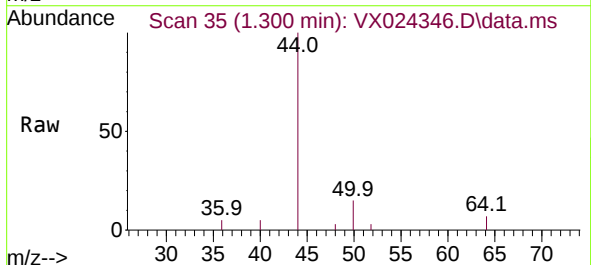
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

Tgt Ion:168 Resp: 142039
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

Tgt Ion: 50 Resp: 332
Ion Ratio Lower Upper
50 100
52 21.6 26.4 39.6#

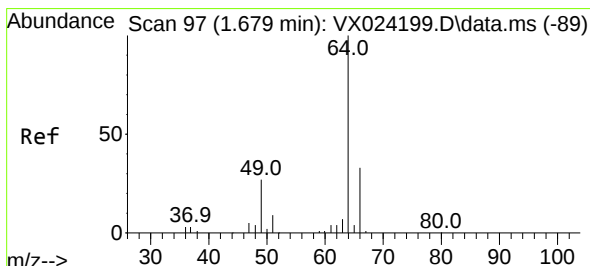
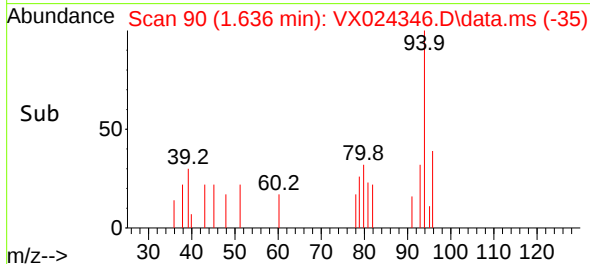
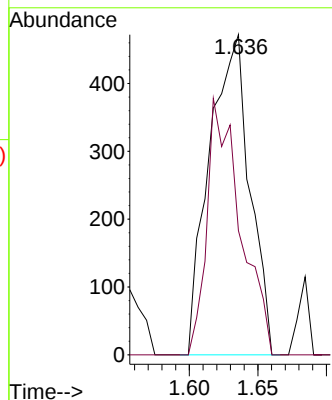
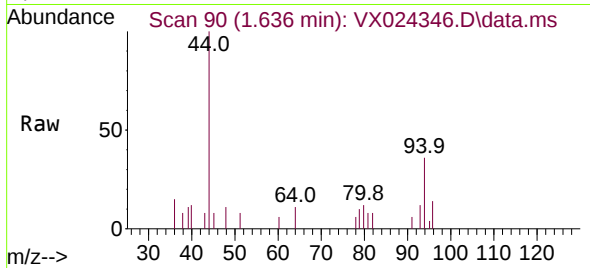




#5
Bromomethane
Concen: 1.146 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.037 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

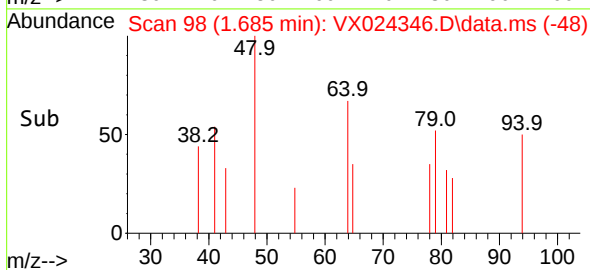
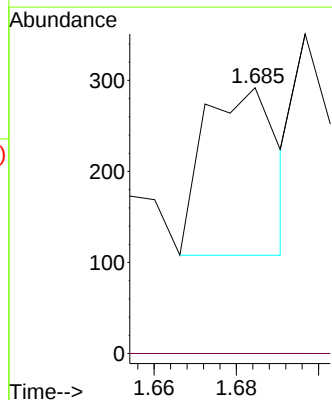
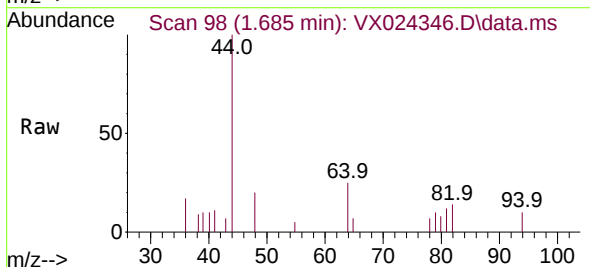
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

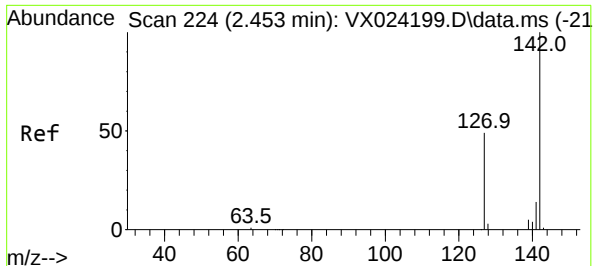
Tgt Ion: 94 Resp: 968
Ion Ratio Lower Upper
94 100
96 38.8 76.4 114.6#



#6
Chloroethane
Concen: 2.190 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

Tgt Ion: 64 Resp: 227
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

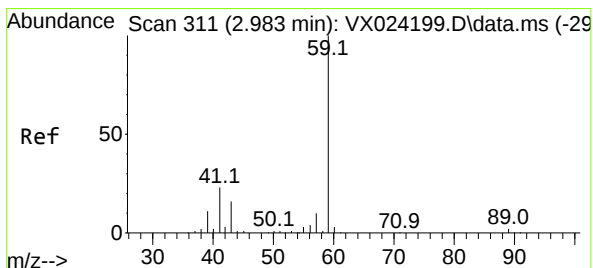
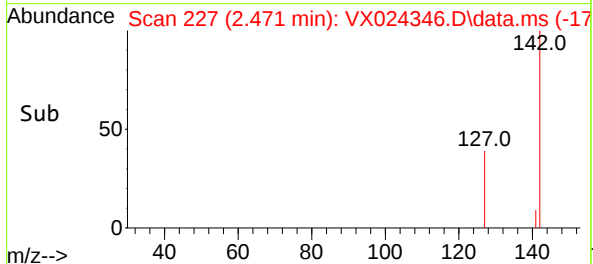
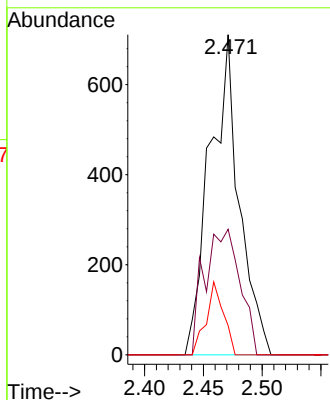
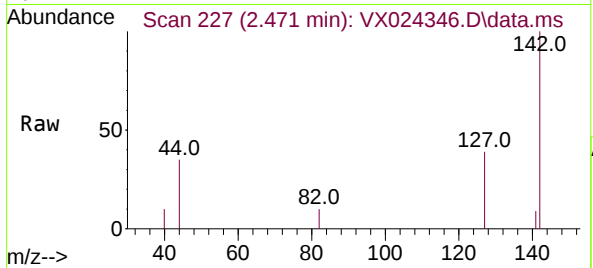




#10
Methyl Iodide
Concen: 0.640 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

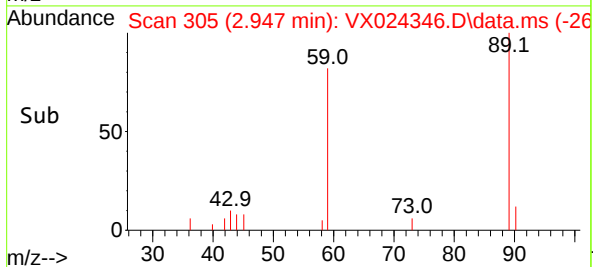
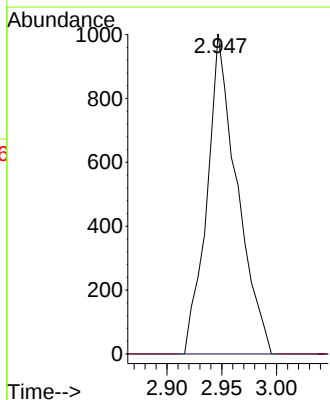
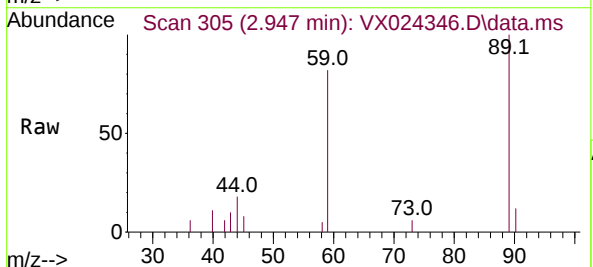
Instrument :
MSVOA_X
ClientSampled :
VX0920WBL01

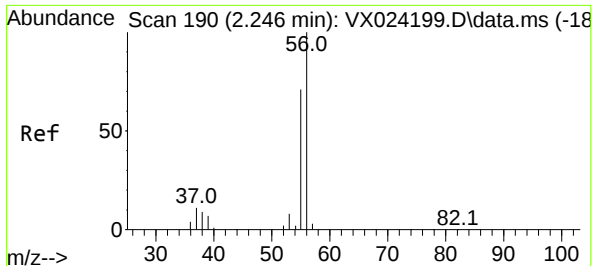
Tgt Ion:142 Resp: 1239
Ion Ratio Lower Upper
142 100
127 47.3 33.3 49.9
141 13.4 11.4 17.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

Tgt Ion: 59 Resp: 1911
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

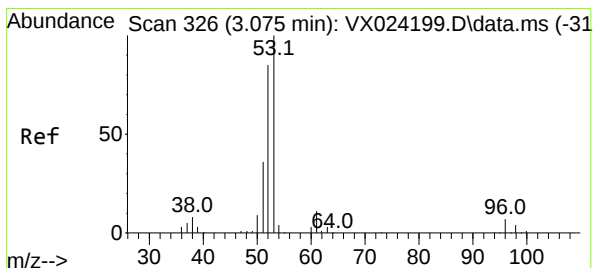
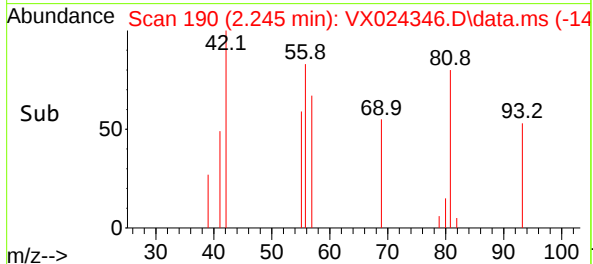
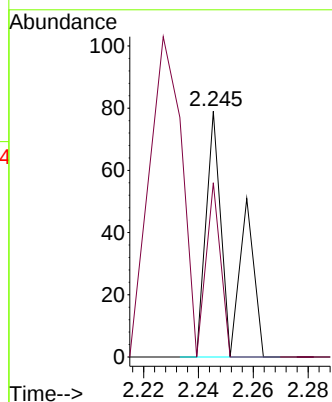
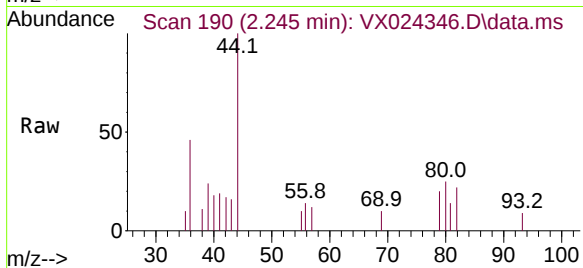




#13
Acrolein
Concen: 0.360 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

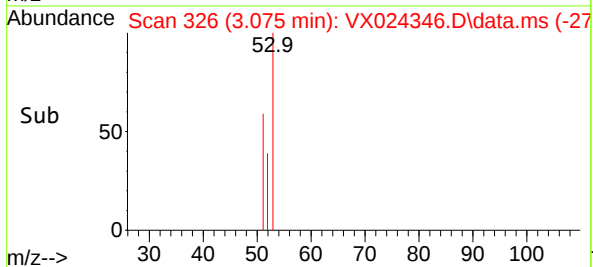
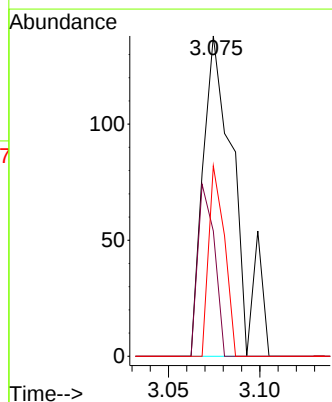
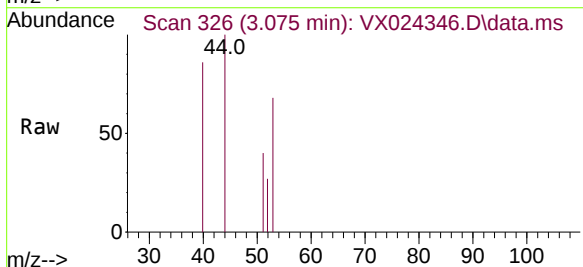
Instrument :
MSVOA_X
ClientSampled :
VX0920WBL01

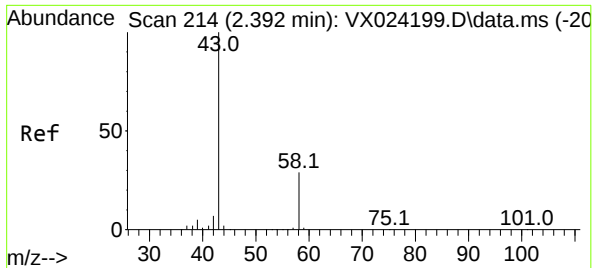
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 218.8 56.4 84.6#



#15
Acrylonitrile
Concen: 0.200 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

Tgt Ion: 53 Resp: 166
Ion Ratio Lower Upper
53 100
52 28.3 65.3 97.9#
51 29.5 28.2 42.2

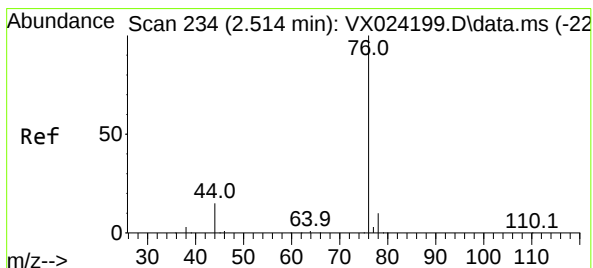
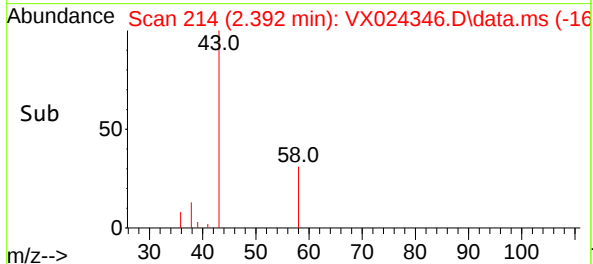
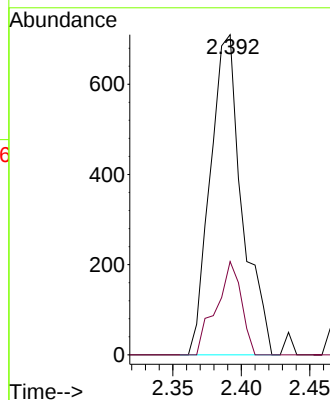
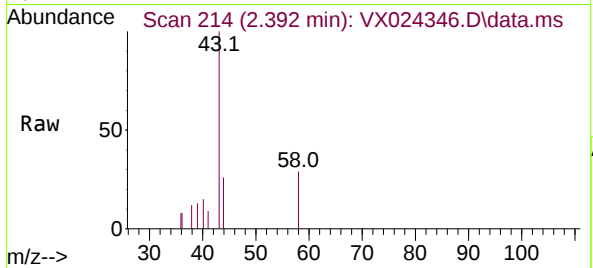




#16
Acetone
Concen: 1.325 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

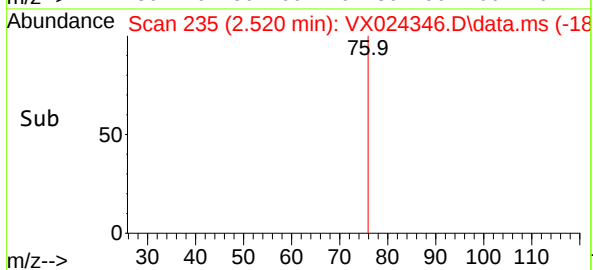
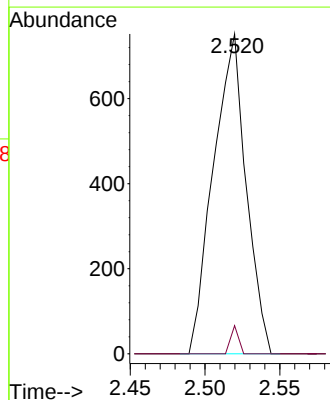
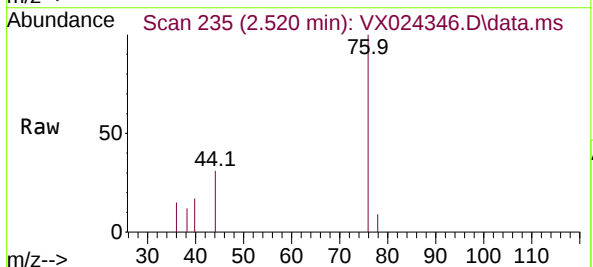
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

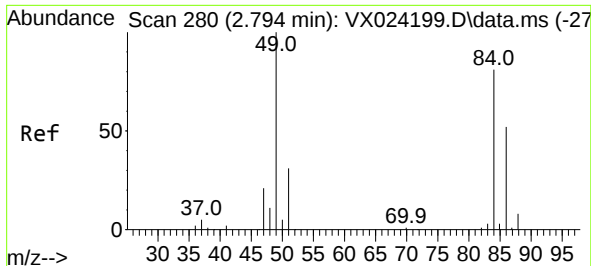
Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.349 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

Tgt Ion: 76 Resp: 1144
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

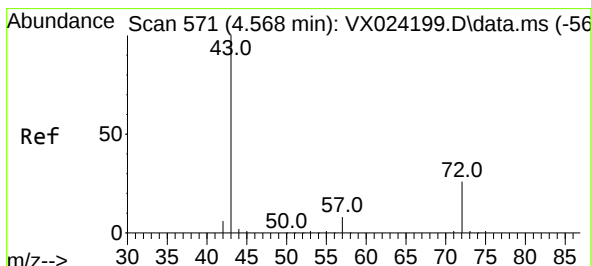
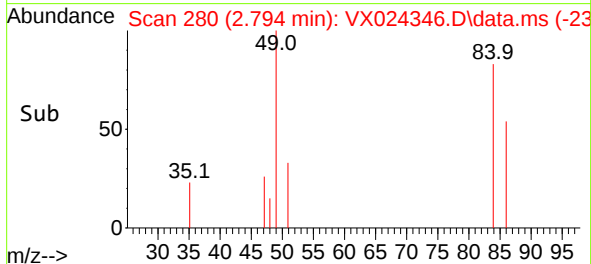
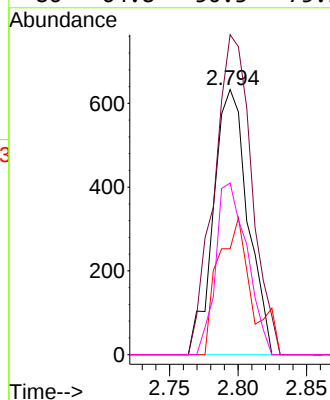
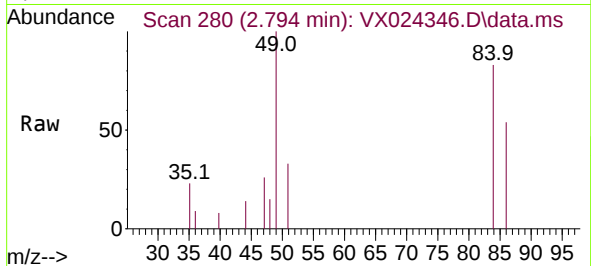




#20
Methylene Chloride
Concen: 0.668 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

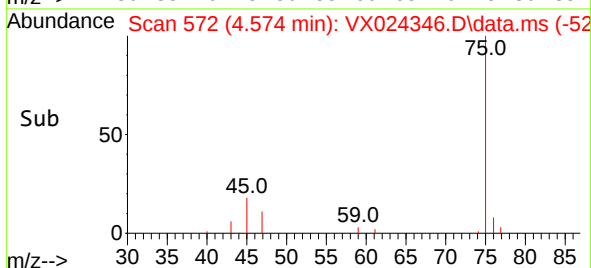
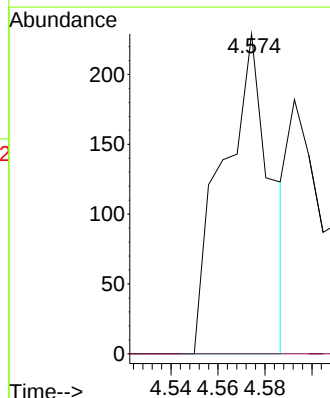
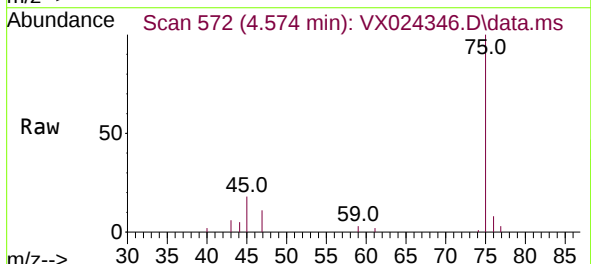
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

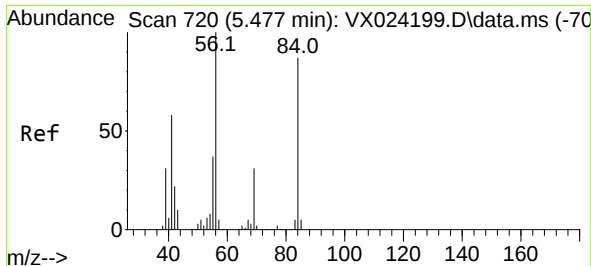
Tgt Ion: 84	Resp: 1107
Ion Ratio	Lower Upper
84 100	
49 120.7	88.6 132.8
51 40.0	27.0 40.6
86 64.8	50.3 75.5



#25
2-Butanone
Concen: 0.253 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

Tgt Ion: 43	Resp: 322		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	23.7	35.5#	

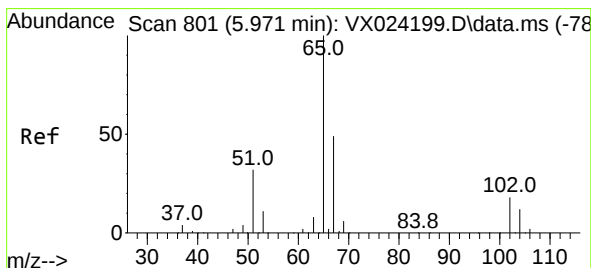
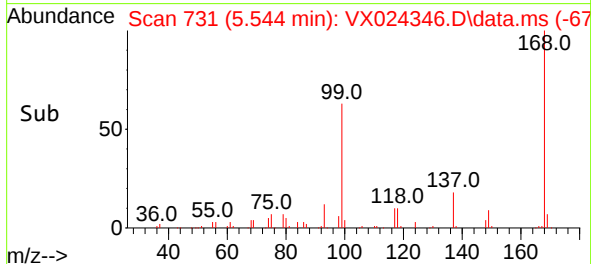
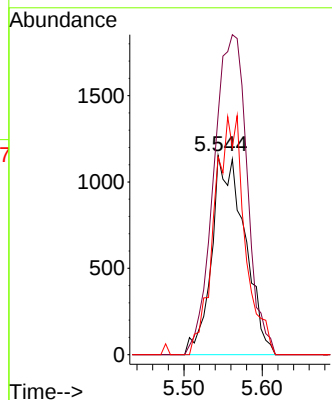
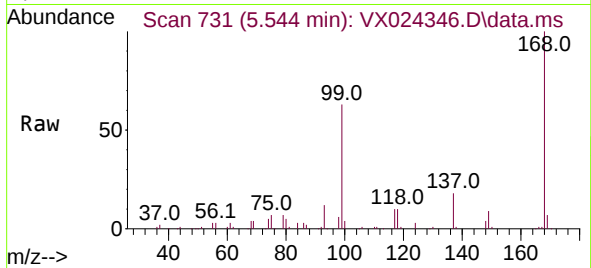




#31
Cyclohexane
Concen: 1.426 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

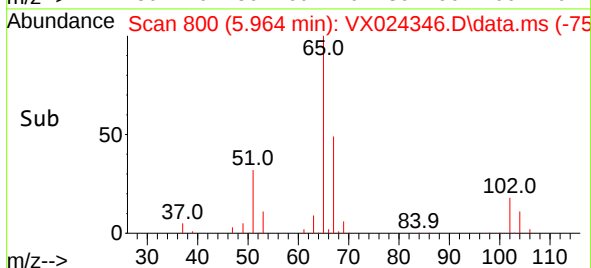
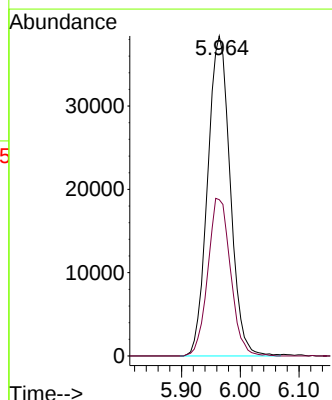
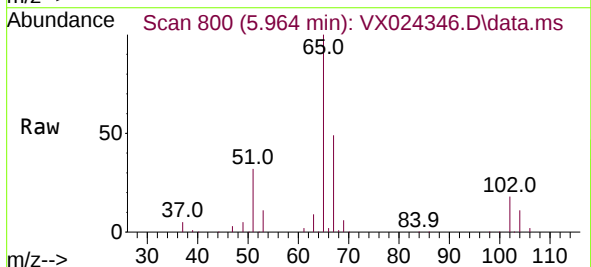
Instrument :
MSVOA_X
ClientSampleId :
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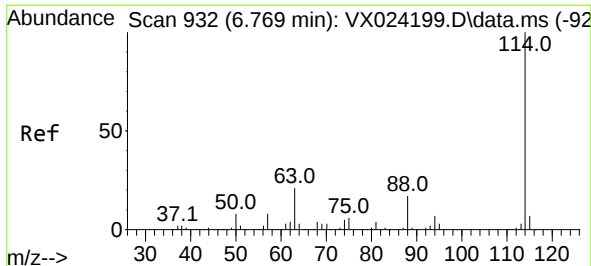
Tgt Ion: 56 Resp: 3378
Ion Ratio Lower Upper
56 100
69 120.3 25.3 37.9#
84 99.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 50.616 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

Tgt Ion: 65 Resp: 102519
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.4

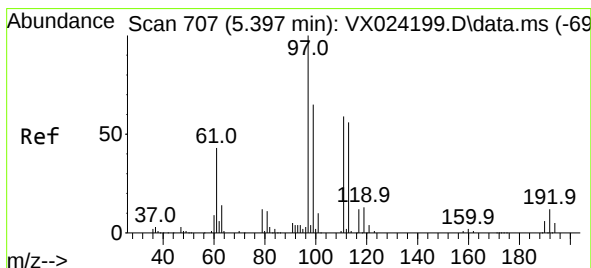
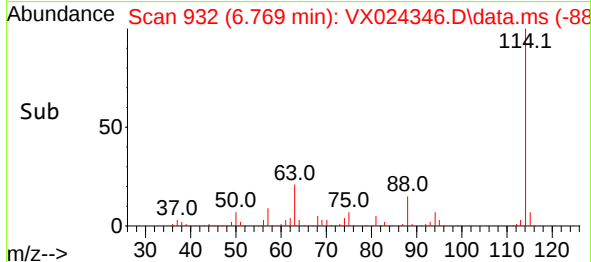
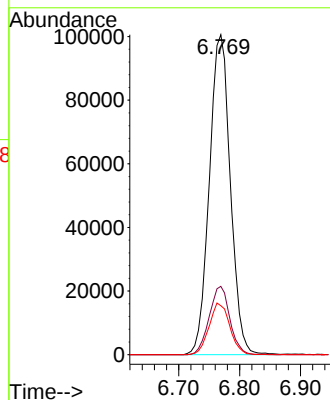
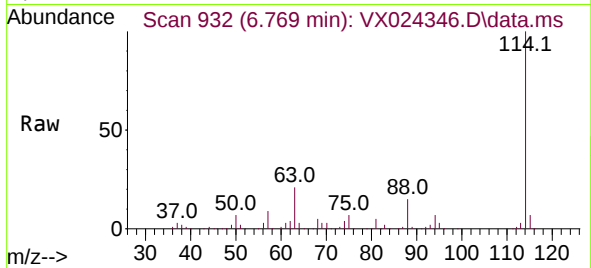




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

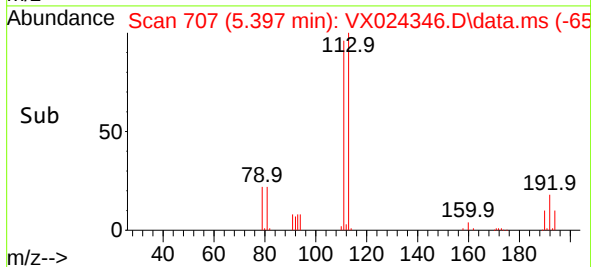
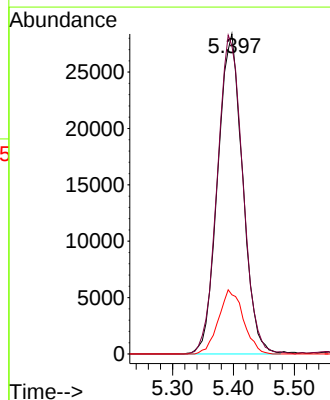
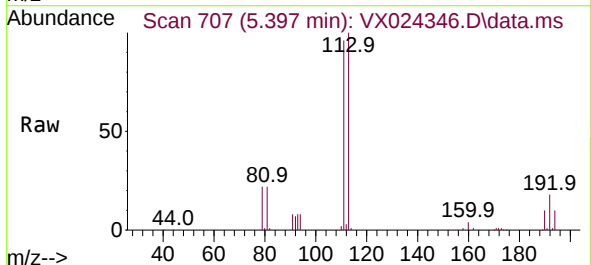
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

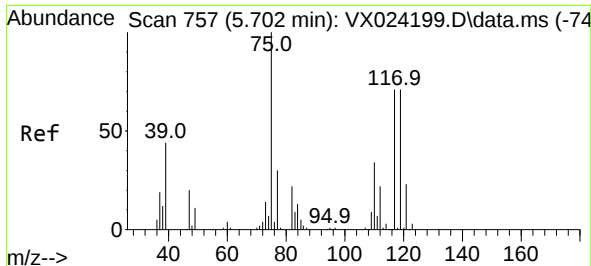
Tgt Ion:114 Resp: 241123
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 15.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.862 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

Tgt Ion:113 Resp: 80630
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 20.0 16.7 25.1

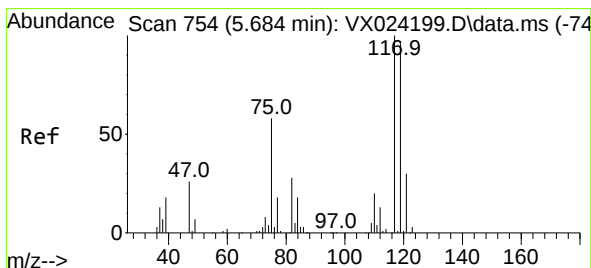
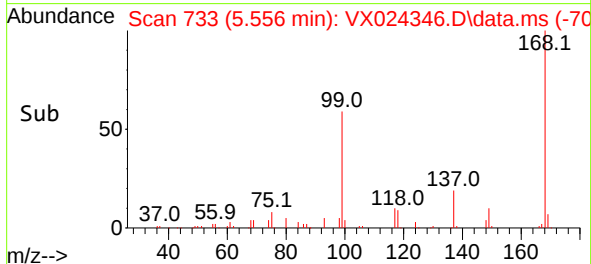
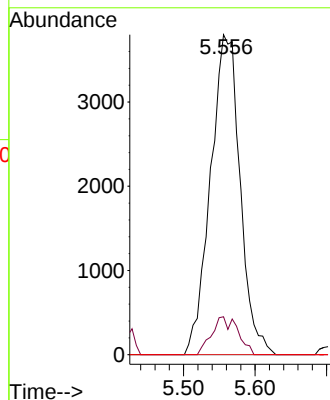
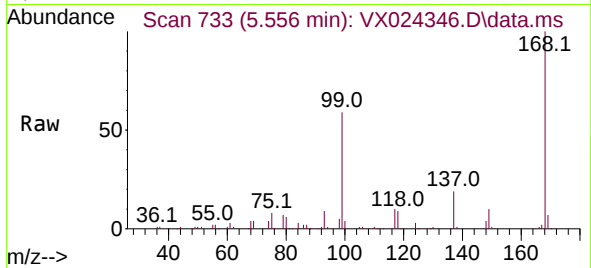




#36
1,1-Dichloropropene
Concen: 4.927 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

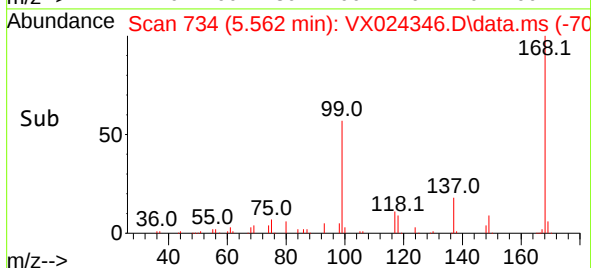
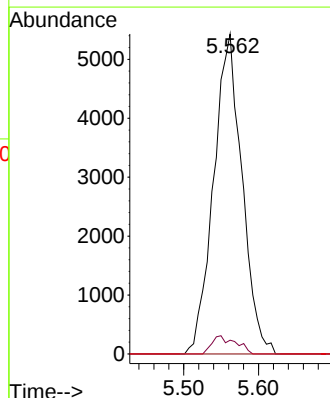
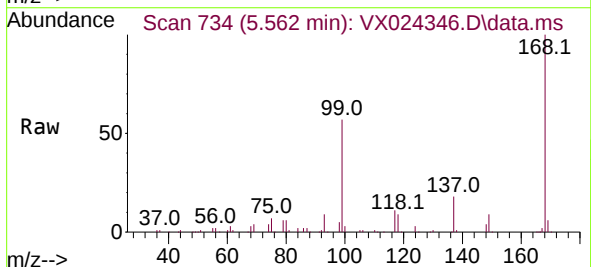
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

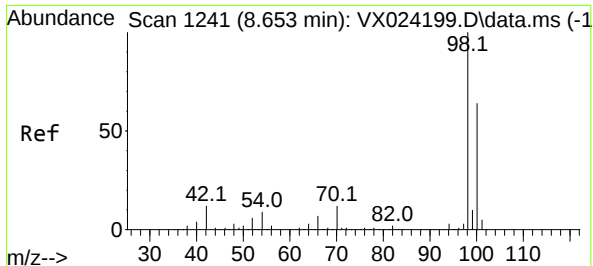
Tgt Ion: 75 Resp: 10923
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.764 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

Tgt Ion: 117 Resp: 14381
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

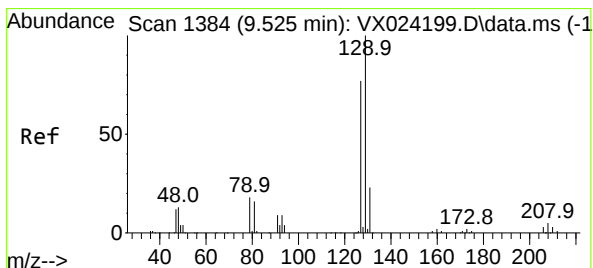
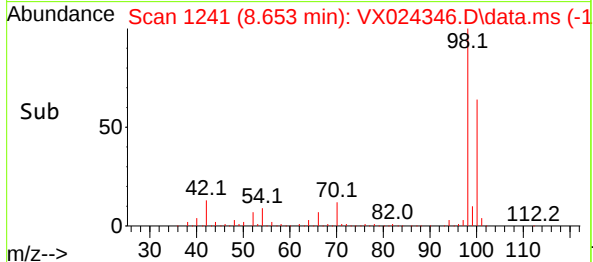
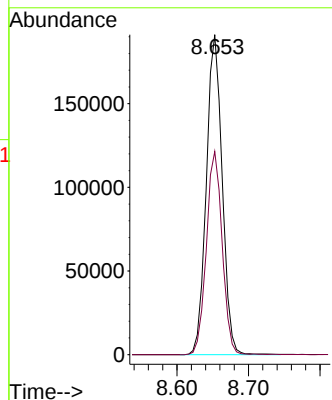
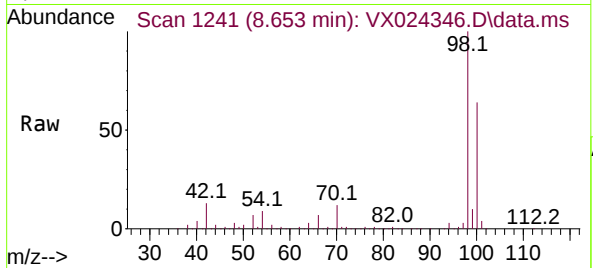




#50
Toluene-d8
Concen: 50.031 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

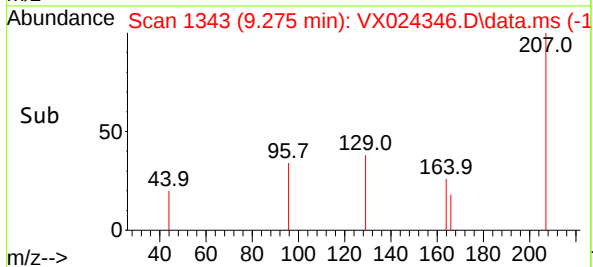
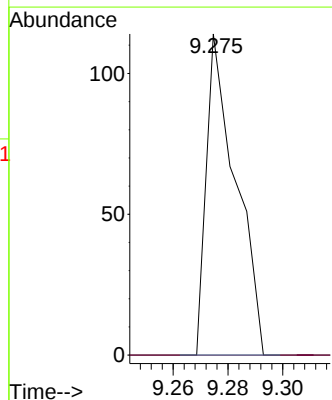
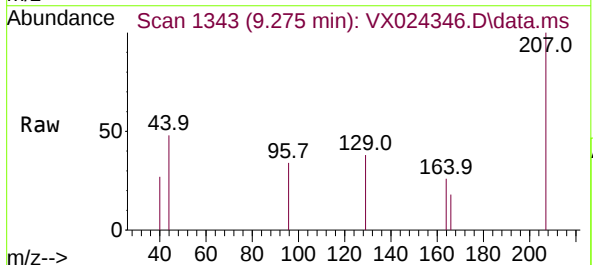
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

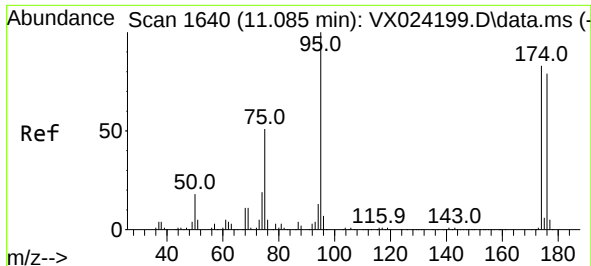
Tgt Ion: 98 Resp: 294730
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#60
Dibromochloromethane
Concen: 1.767 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

Tgt Ion: 129 Resp: 85
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

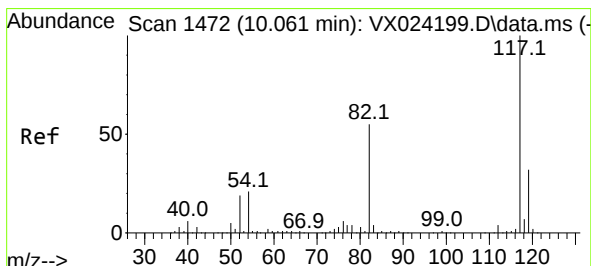
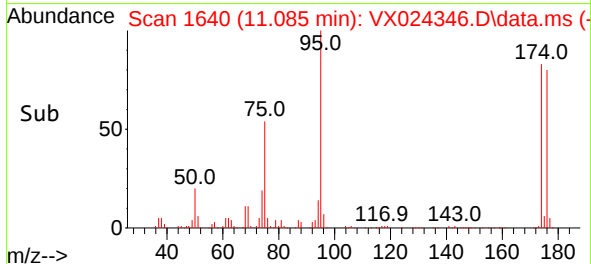
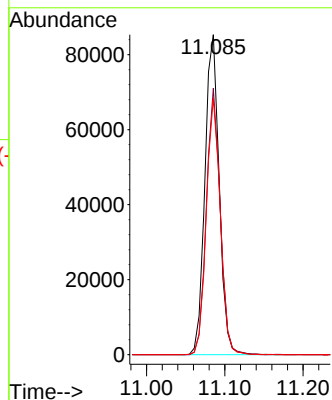
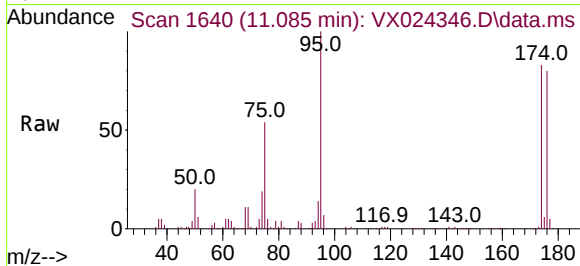




#62
4-Bromofluorobenzene
Concen: 47.011 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

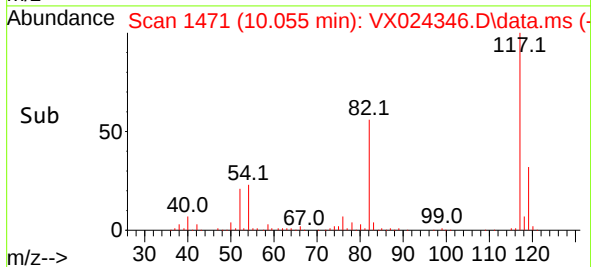
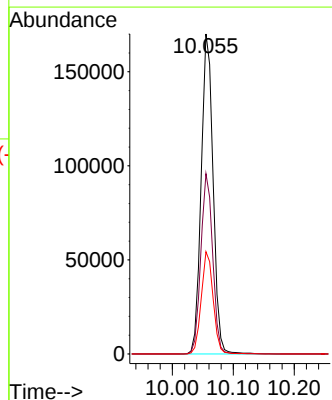
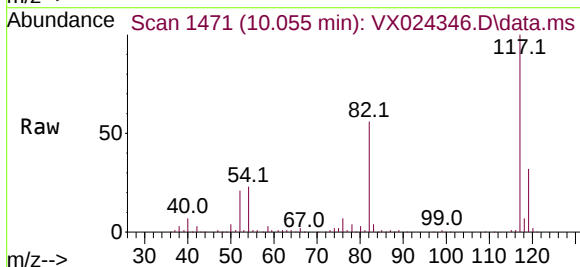
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

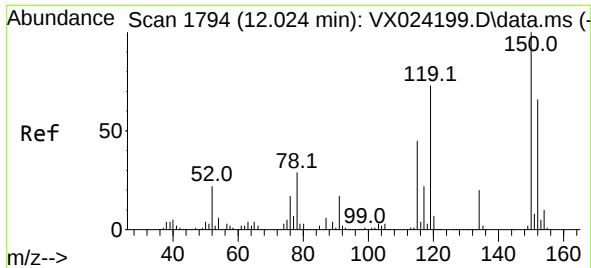
Tgt Ion: 95 Resp: 107774
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 78.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

Tgt Ion: 117 Resp: 231376
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 32.0 26.6 39.8

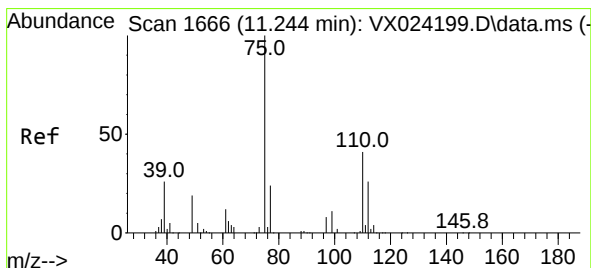
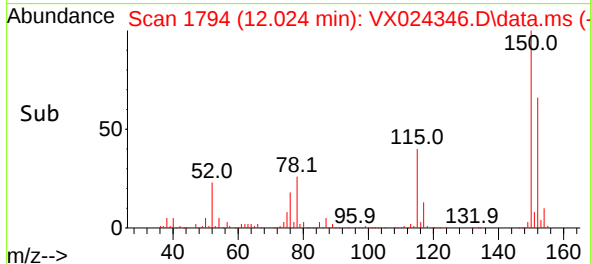
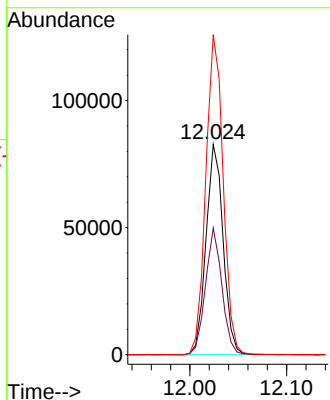
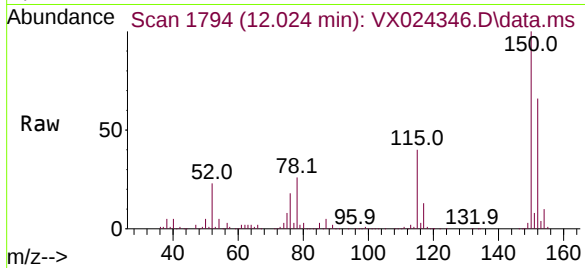




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024346.D
 Acq: 20 Sep 2021 12:01

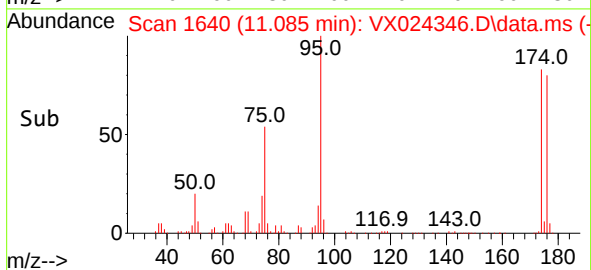
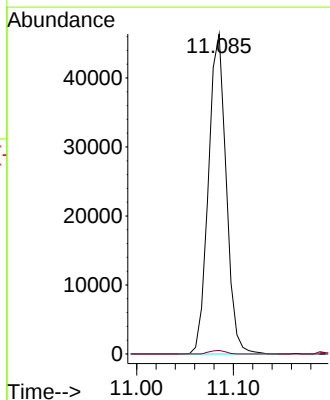
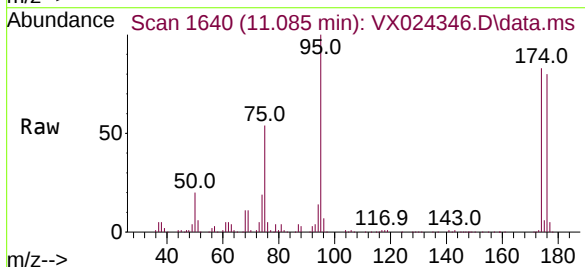
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBL01

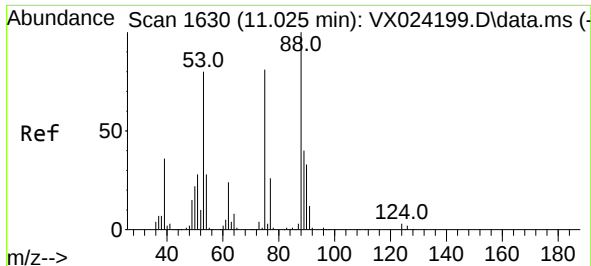
Tgt Ion:152 Resp: 101755
 Ion Ratio Lower Upper
 152 100
 115 58.1 41.1 123.3
 150 154.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.331 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024346.D
 Acq: 20 Sep 2021 12:01

Tgt Ion: 75 Resp: 59269
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

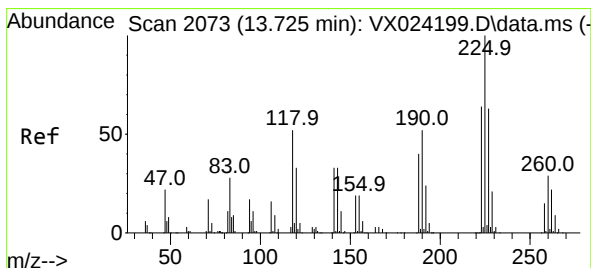
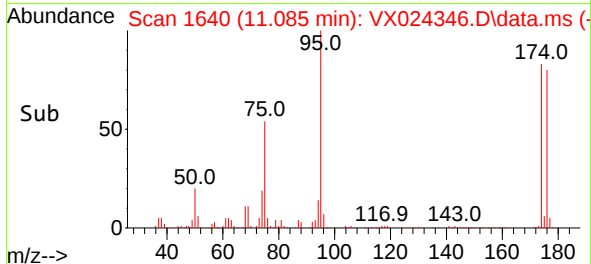
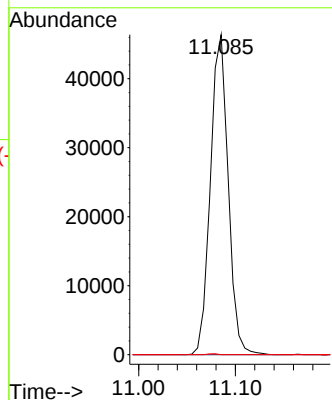
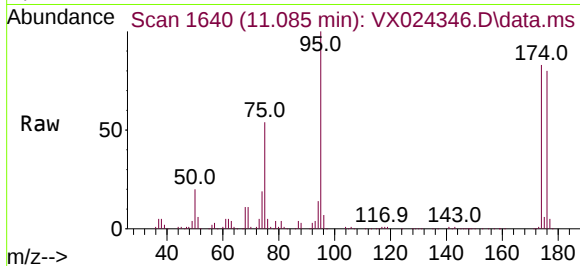




#81
trans-1,4-Dichloro-2-butene
Concen: 74.499 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

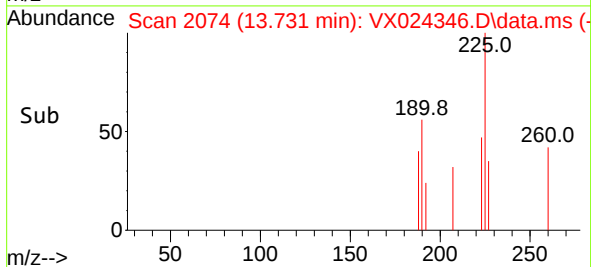
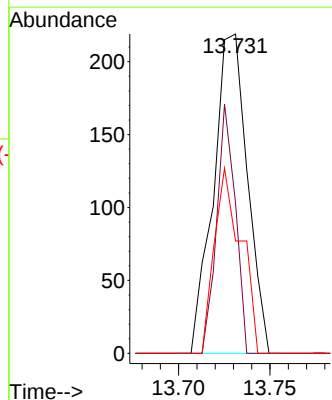
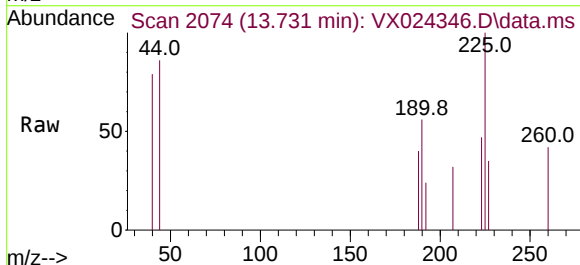
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

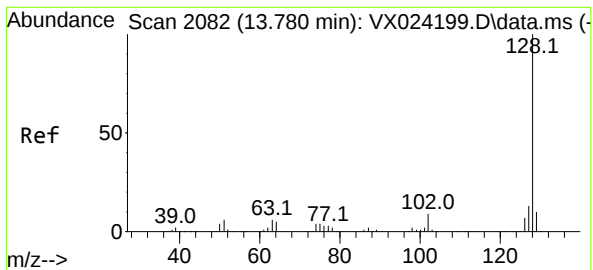
Tgt Ion: 75 Resp: 59269
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.288 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

Tgt Ion: 225 Resp: 284
Ion Ratio Lower Upper
225 100
223 42.6 31.1 93.2
227 45.4 31.6 95.0





#95
Naphthalene
Concen: 1.399 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024346.D
Acq: 20 Sep 2021 12:01

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

Tgt Ion:128 Resp: 835
Ion Ratio Lower Upper
128 100
127 8.5 10.3 15.5#
129 10.1 8.8 13.2

