

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023572.D
 Acq On : 05 Aug 2021 15:03
 Operator : JC/MD
 Sample : M3297-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 123-24DL

Quant Time: Aug 06 03:23:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

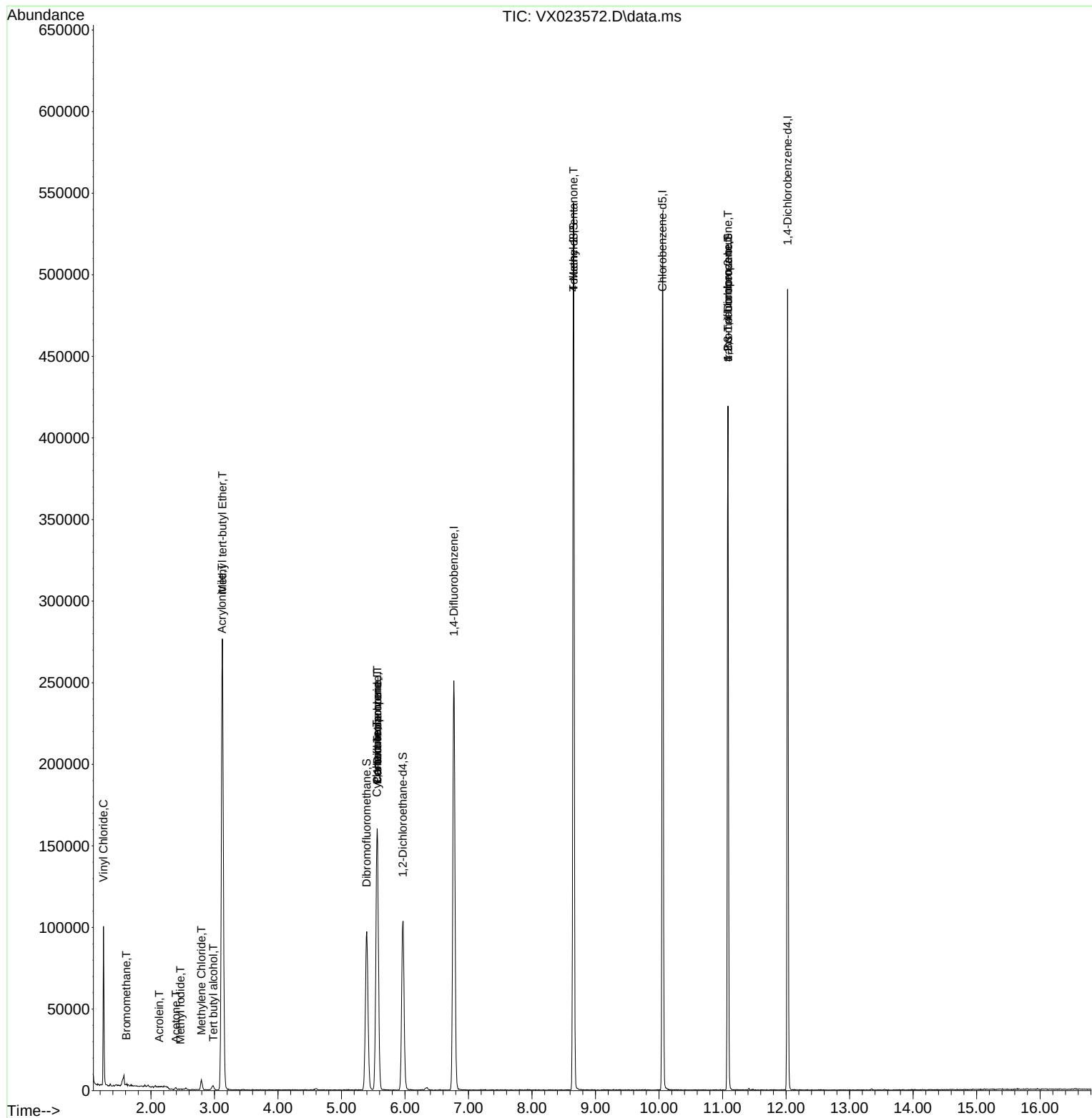
Internal Standards						
1) Pentafluorobenzene	5.562	168	152349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	257614	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103413	54.416	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.840%	
35) Dibromofluoromethane	5.397	113	83619	51.914	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.820%	
50) Toluene-d8	8.653	98	311654	52.664	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.320%	
62) 4-Bromofluorobenzene	11.085	95	104523	51.942	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.880%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.252	62	816	0.494	ug/l #	56
5) Bromomethane	1.612	94	654	0.667	ug/l	94
10) Methyl Iodide	2.465	142	596	0.315	ug/l #	79
11) Tert butyl alcohol	2.983	59	2996	6.901	ug/l #	73
13) Acrolein	2.130	56	22	1.463	ug/l #	1
15) Acrylonitrile	3.117	53	3664	3.737	ug/l #	25
16) Acetone	2.392	43	1427	1.531	ug/l #	71
19) Methyl tert-butyl Ether	3.123	73	290897	55.889	ug/l	99
20) Methylene Chloride	2.794	84	2860	1.577	ug/l #	91
31) Cyclohexane	5.556	56	3457	1.228	ug/l #	28
36) 1,1-Dichloropropene	5.562	75	12101	5.193	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14969	6.316	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1658	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	54156	25.786	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54156	69.334	ug/l #	12

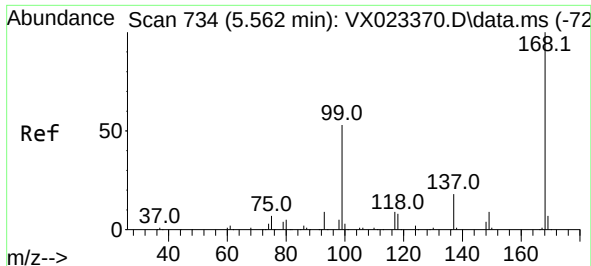
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
Data File : VX023572.D
Acq On : 05 Aug 2021 15:03
Operator : JC/MD
Sample : M3297-03DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
123-24DL

Quant Time: Aug 06 03:23:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

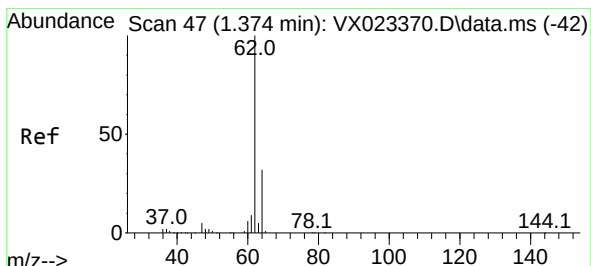
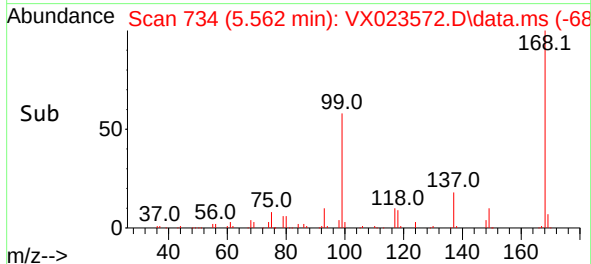
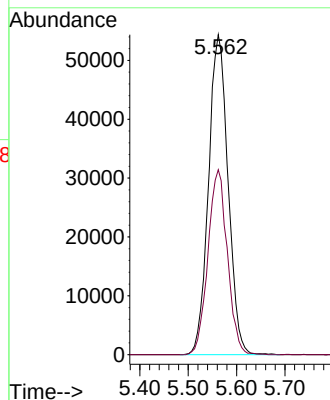
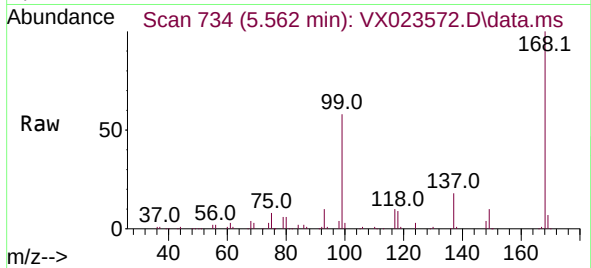




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

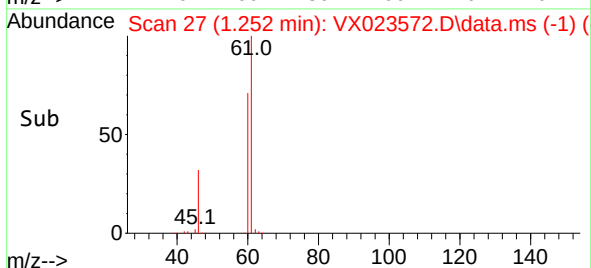
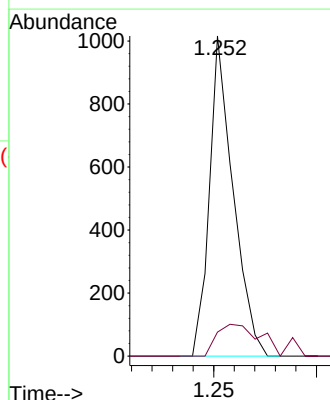
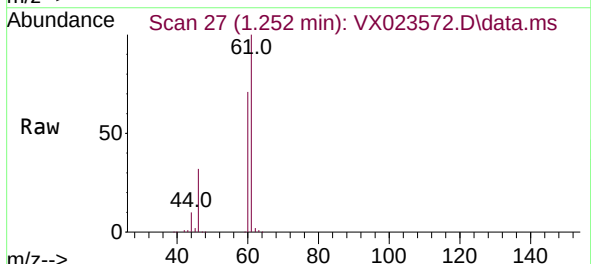
Instrument :
MSVOA_X
ClientSampleId :
123-24DL

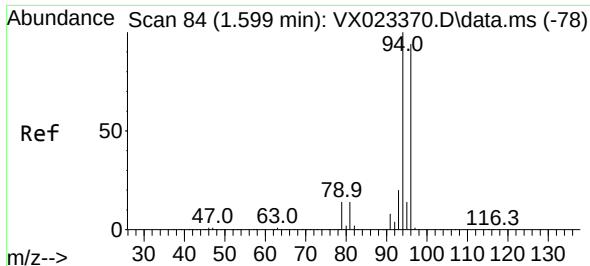
Tgt Ion:168 Resp: 152349
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#4
Vinyl Chloride
Concen: 0.494 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.122 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

Tgt Ion: 62 Resp: 816
Ion Ratio Lower Upper
62 100
64 7.5 25.7 38.5#

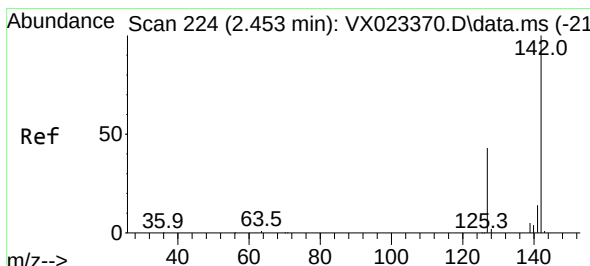
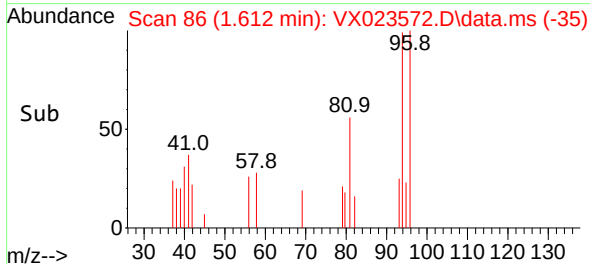
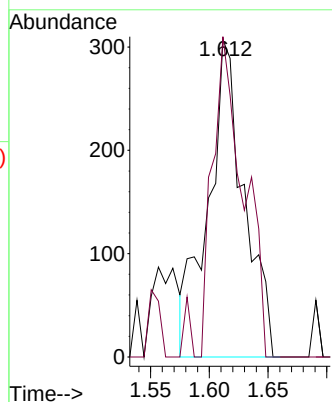
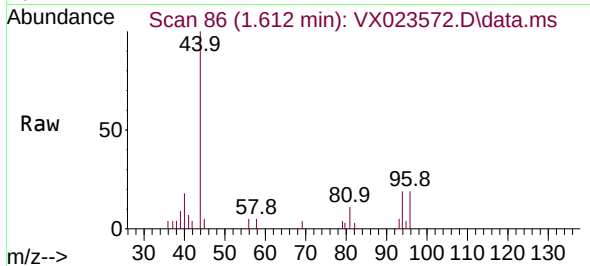




#5
Bromomethane
Concen: 0.667 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

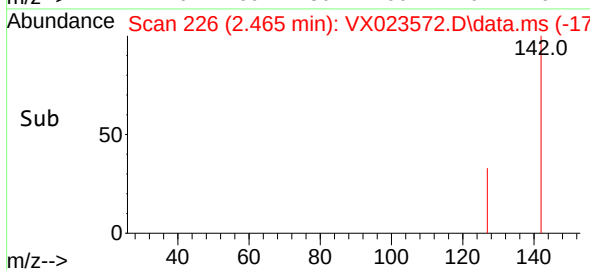
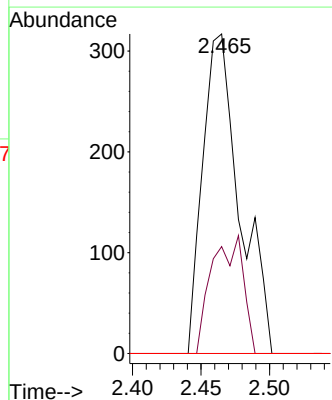
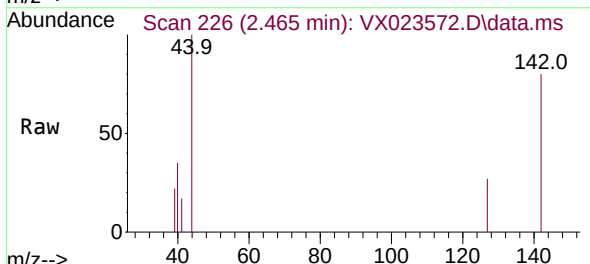
Instrument :
MSVOA_X
ClientSampled :
123-24DL

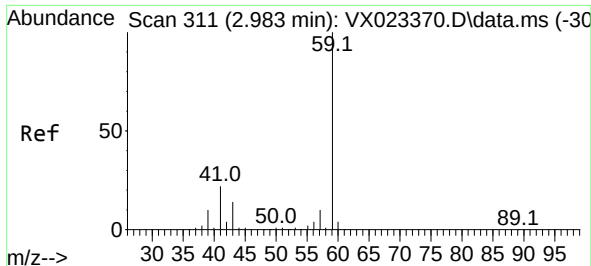
Tgt Ion: 94 Resp: 654
Ion Ratio Lower Upper
94 100
96 101.0 76.4 114.6



#10
Methyl Iodide
Concen: 0.315 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

Tgt Ion: 142 Resp: 596
Ion Ratio Lower Upper
142 100
127 31.5 33.3 49.9#
141 0.0 11.4 17.0#



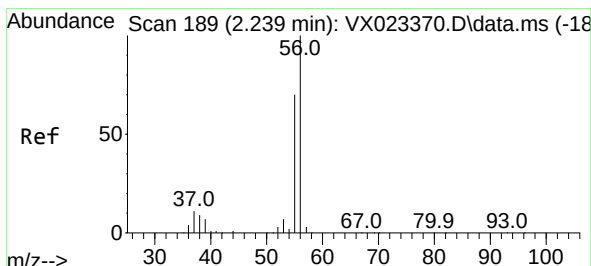
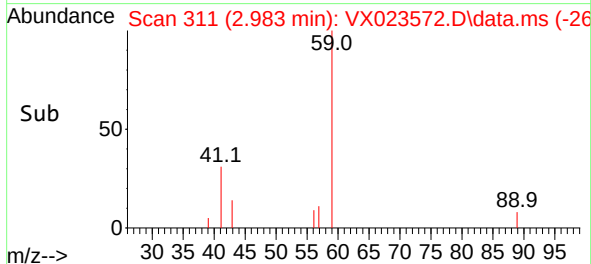
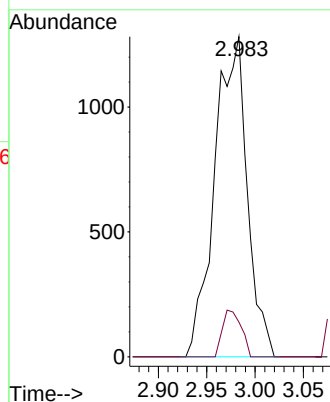
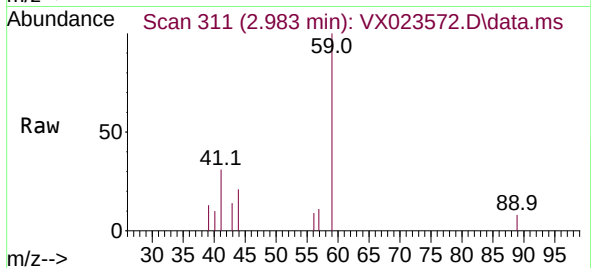


#11

Tert butyl alcohol
Concen: 6.901 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

Instrument :
MSVOA_X
ClientSampled :
123-24DL

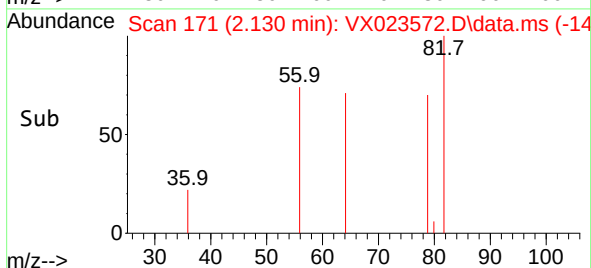
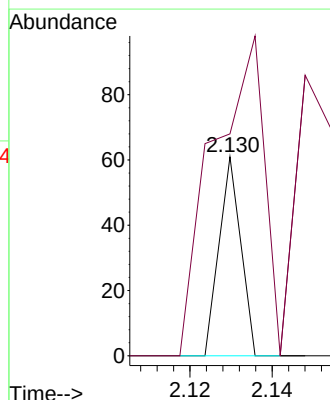
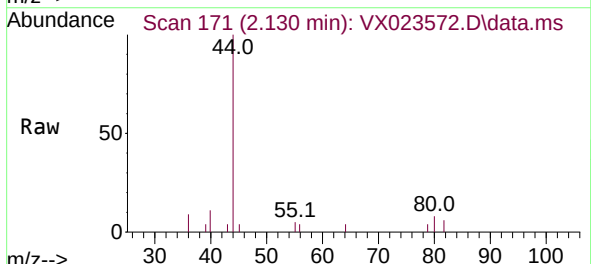
Tgt Ion: 59 Resp: 2996
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

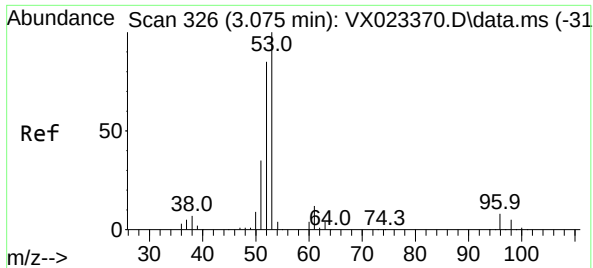


#13

Acrolein
Concen: 1.463 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.109 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 381.8 56.4 84.6#

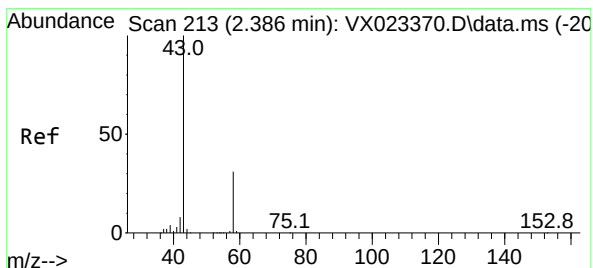
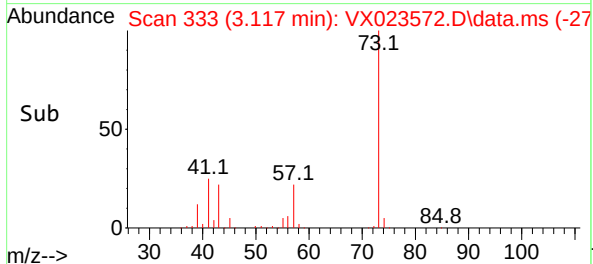
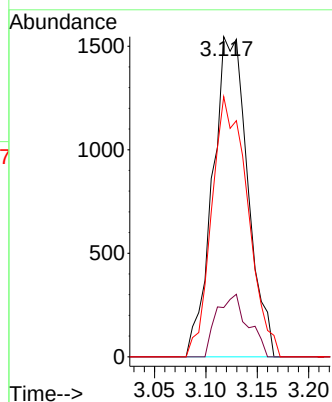
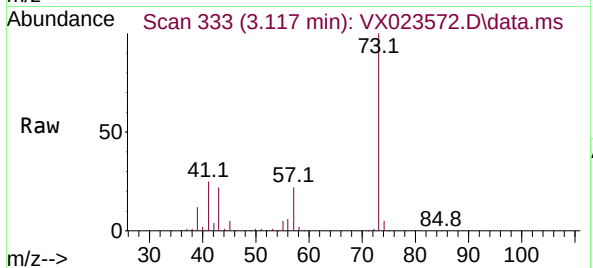




#15
Acrylonitrile
Concen: 3.737 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.042 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

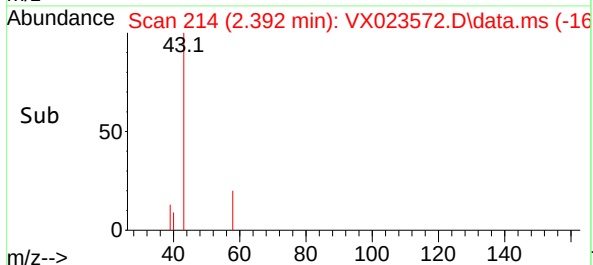
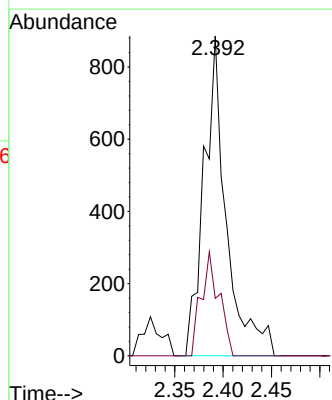
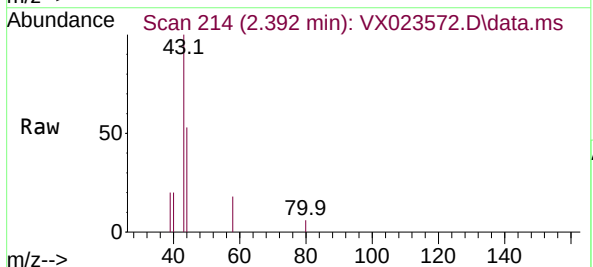
Instrument :
MSVOA_X
ClientSampled :
123-24DL

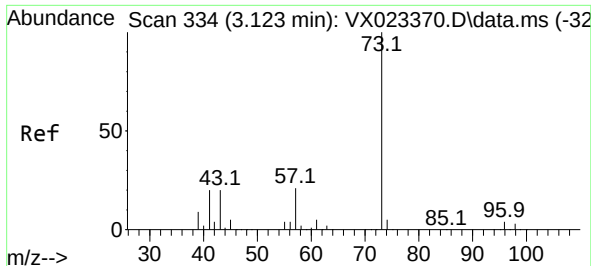
Tgt Ion: 53 Resp: 3664
Ion Ratio Lower Upper
53 100
52 17.4 65.3 97.9#
51 83.2 28.2 42.2#



#16
Acetone
Concen: 1.531 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
58 17.9 27.8 41.8#

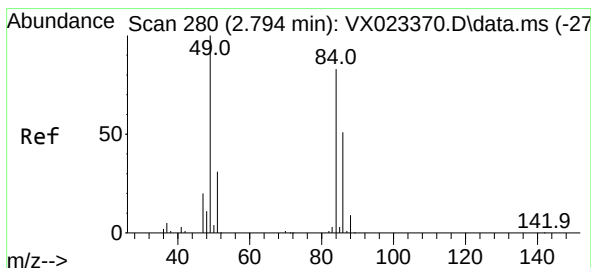
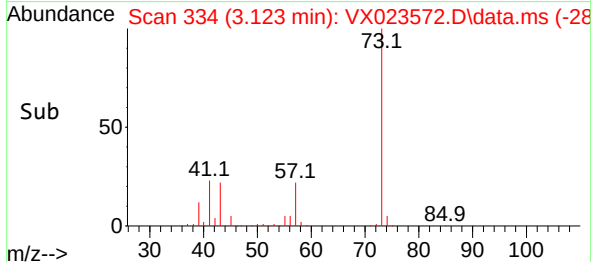
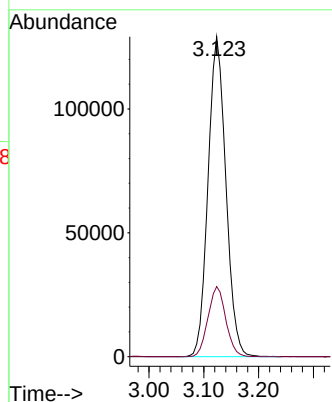
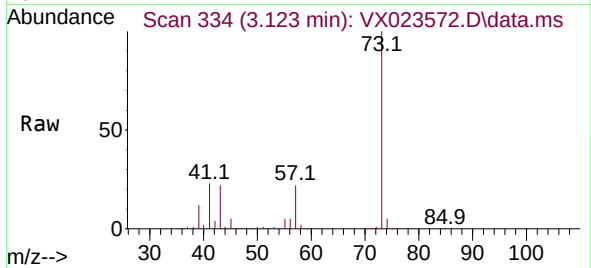




#19
Methyl tert-butyl Ether
Concen: 55.889 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

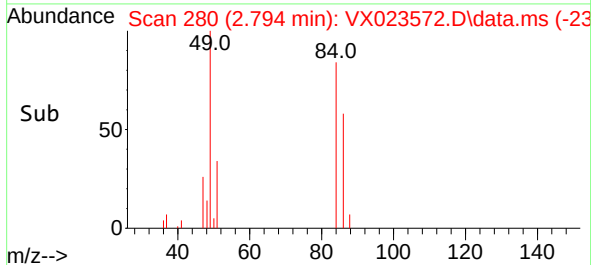
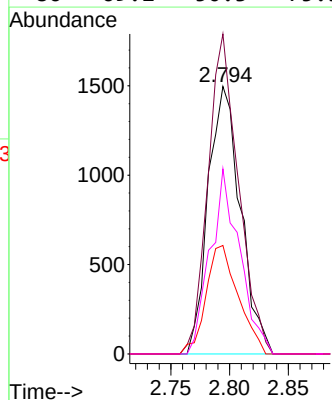
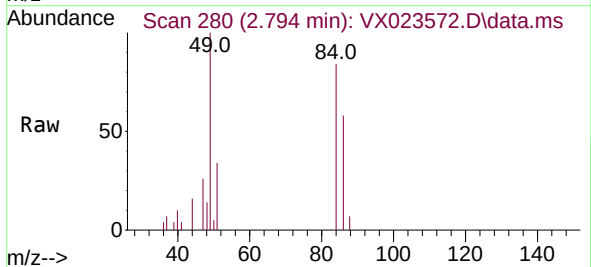
Instrument :
MSVOA_X
ClientSampleId :
123-24DL

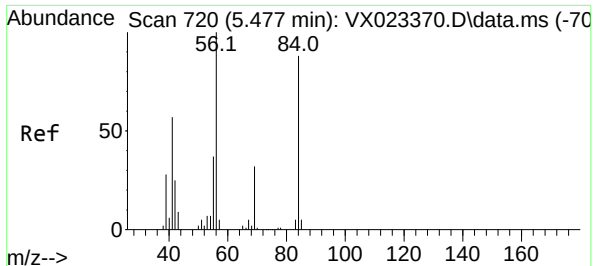
Tgt Ion: 73 Resp: 290897
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7



#20
Methylene Chloride
Concen: 1.577 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

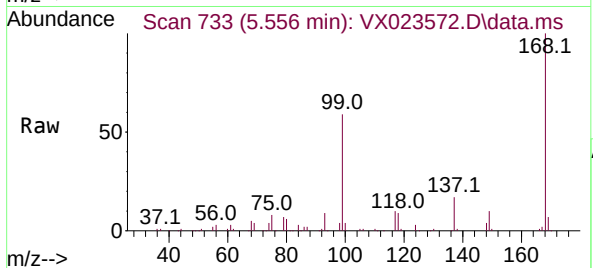
Tgt Ion: 84 Resp: 2860
Ion Ratio Lower Upper
84 100
49 119.7 88.6 132.8
51 40.6 27.0 40.6#
86 69.2 50.3 75.5



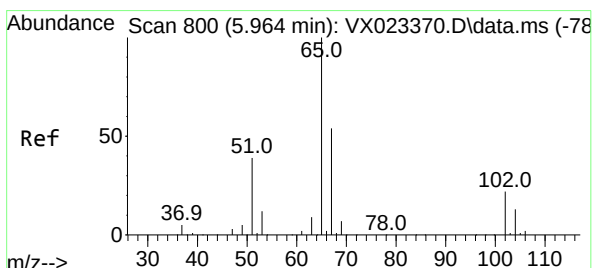
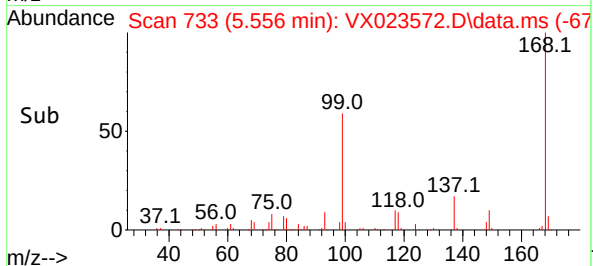
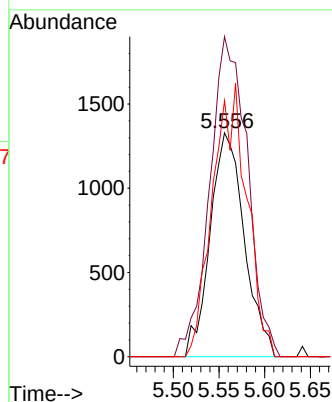


#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

Instrument :
MSVOA_X
ClientSampleId :
123-24DL

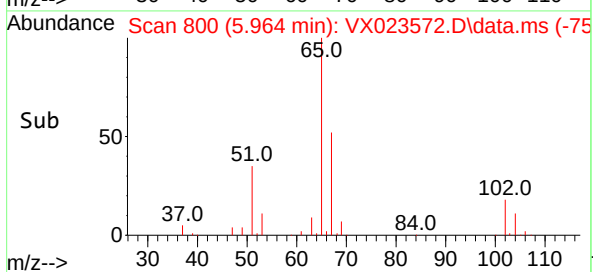
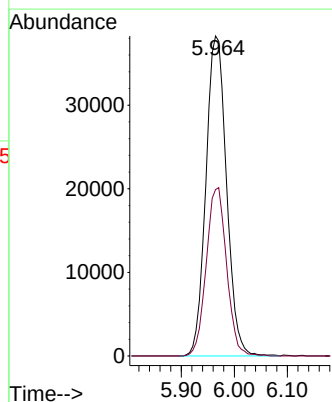
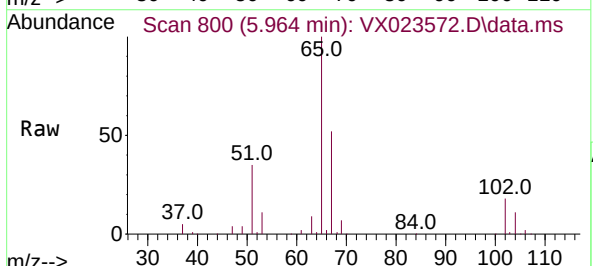


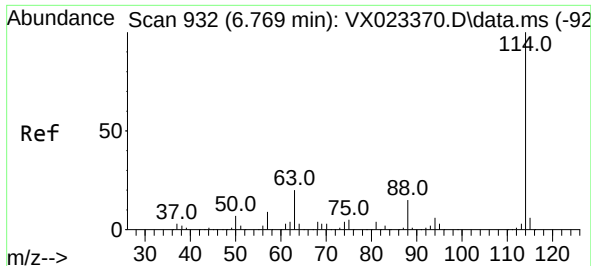
Tgt Ion: 56 Resp: 3457
Ion Ratio Lower Upper
56 100
69 143.0 25.3 37.9#
84 114.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.416 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

Tgt Ion: 65 Resp: 103413
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

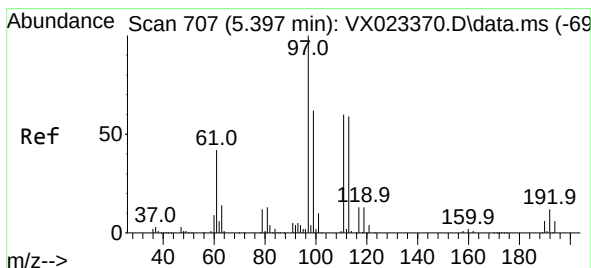
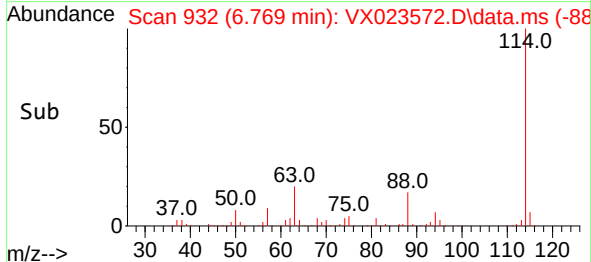
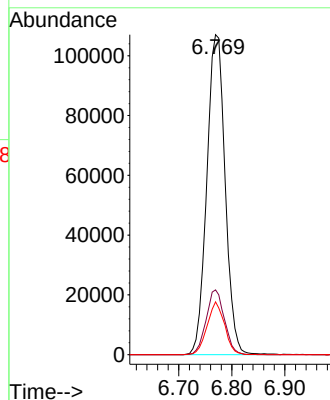
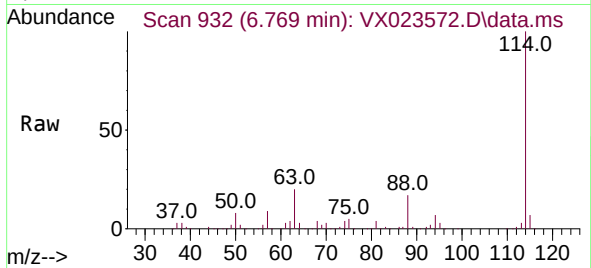




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

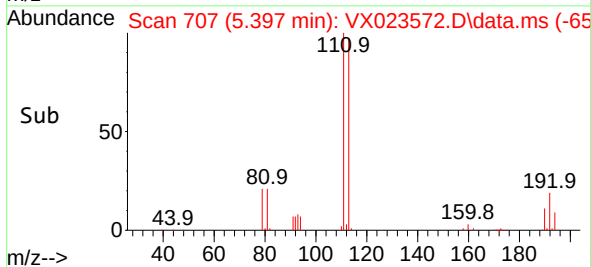
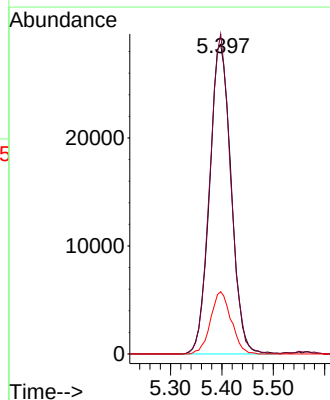
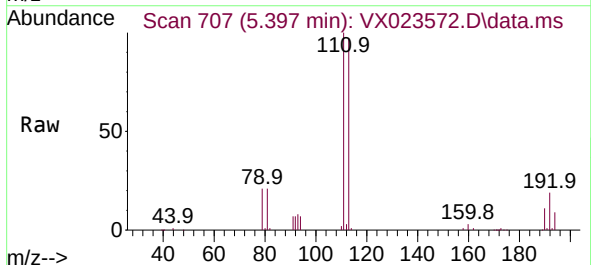
Instrument :
MSVOA_X
ClientSampleId :
123-24DL

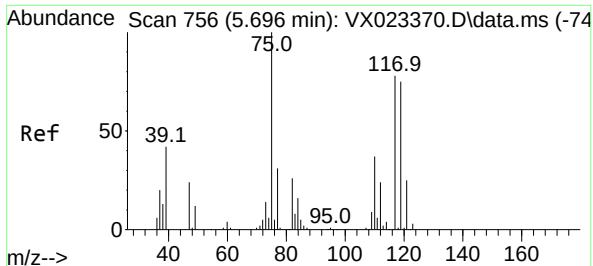
Tgt Ion:114 Resp: 257614
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.914 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

Tgt Ion:113 Resp: 83619
Ion Ratio Lower Upper
113 100
111 100.3 81.9 122.9
192 19.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.193 ug/l

RT: 5.562 min Scan# 734

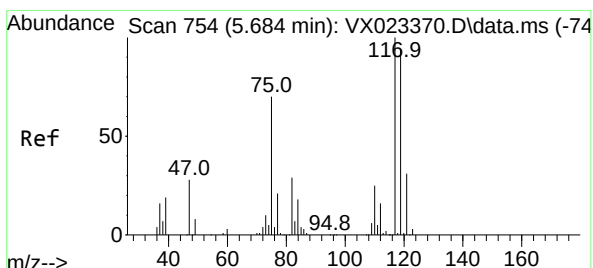
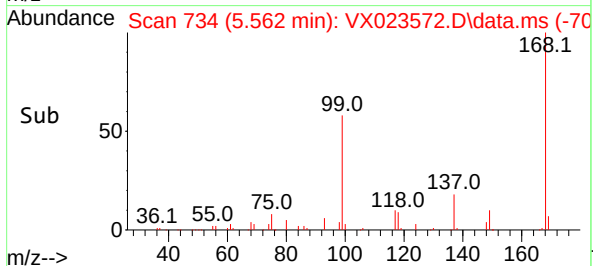
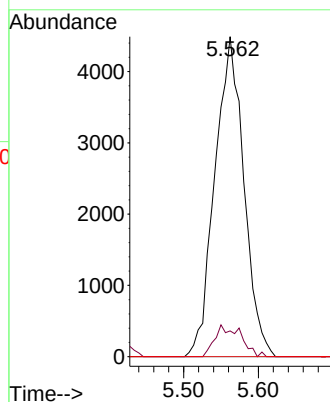
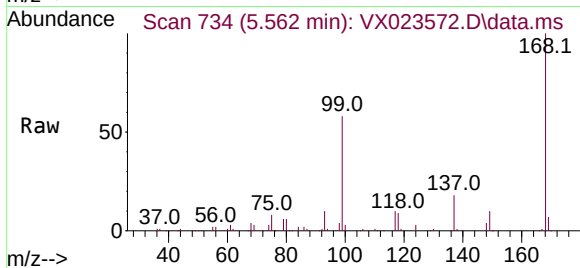
Delta R.T. -0.134 min

Lab File: VX023572.D

Acq: 05 Aug 2021 15:03

Tgt Ion:	75	Resp:	12101
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
123-24DL



#38

Carbon Tetrachloride

Concen: 6.316 ug/l

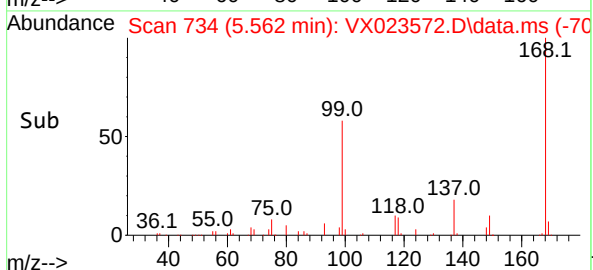
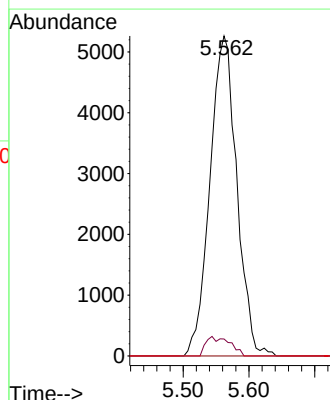
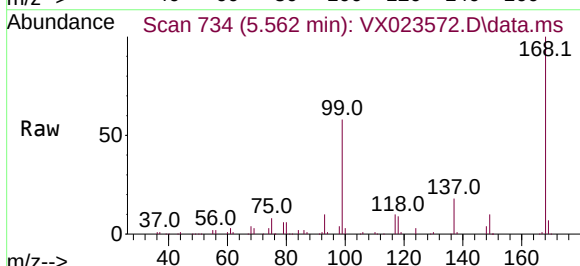
RT: 5.562 min Scan# 734

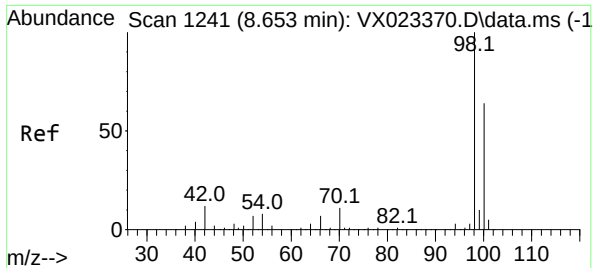
Delta R.T. -0.122 min

Lab File: VX023572.D

Acq: 05 Aug 2021 15:03

Tgt Ion:	117	Resp:	14969
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.2#
121	0.0	24.8	37.2#

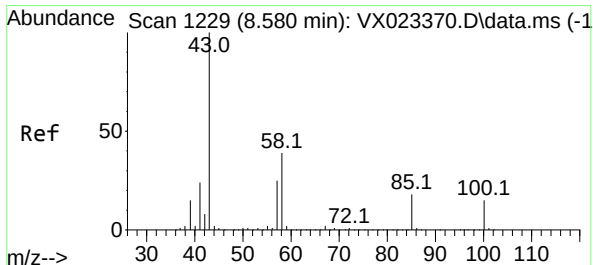
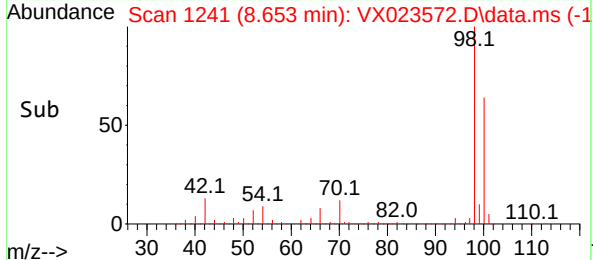
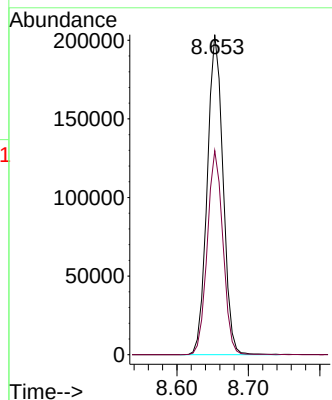
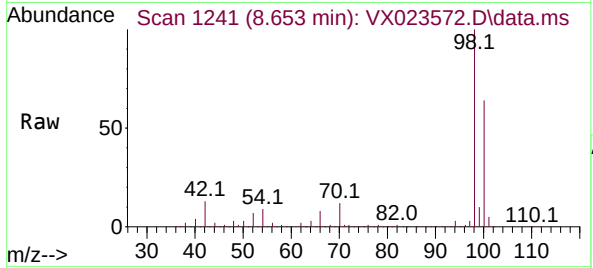




#50
Toluene-d8
Concen: 52.664 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

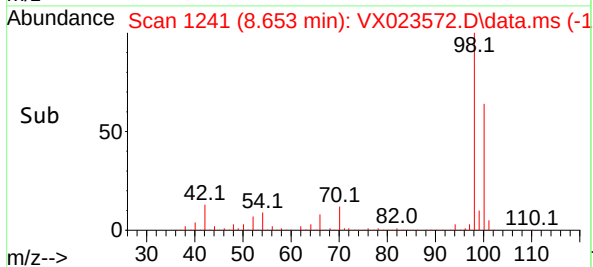
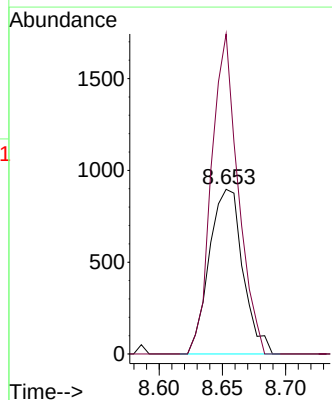
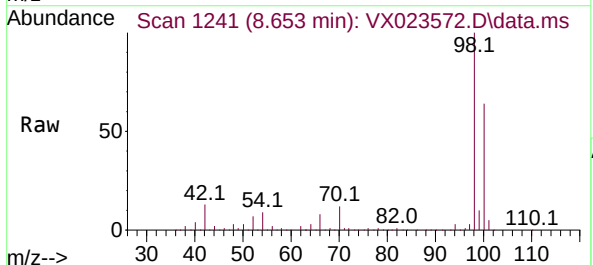
Instrument :
MSVOA_X
ClientSampled :
123-24DL

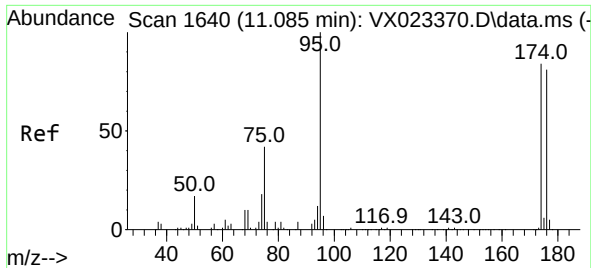
Tgt Ion: 98 Resp: 311654
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

Tgt Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
58 154.1 35.4 53.0#

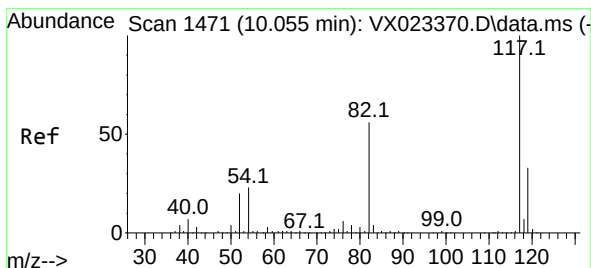
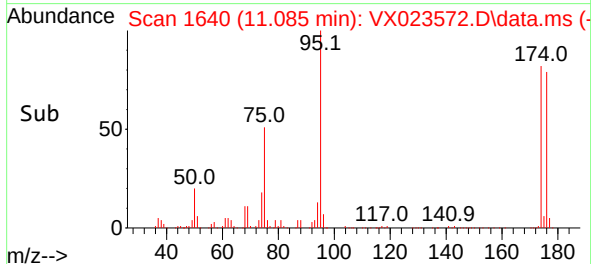
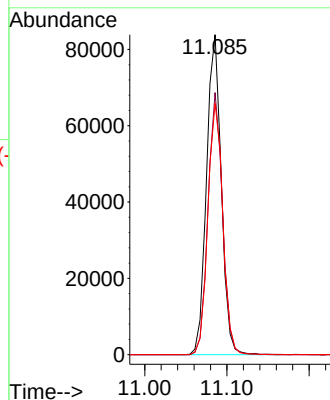
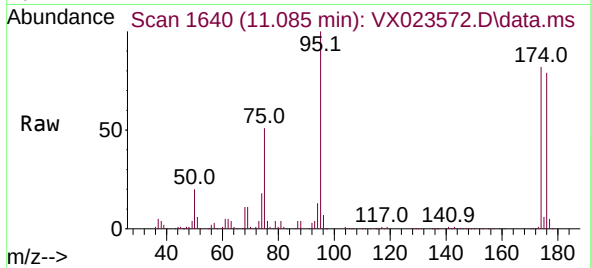




#62
4-Bromofluorobenzene
Concen: 51.942 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

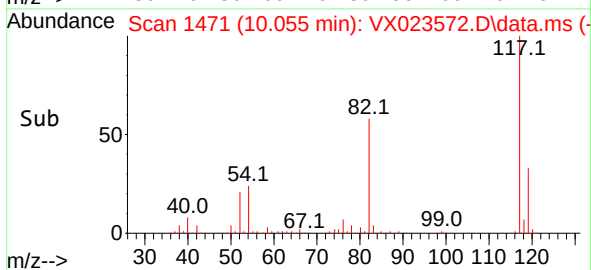
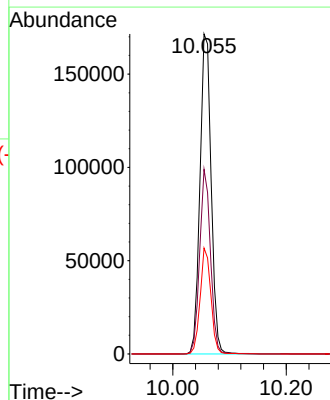
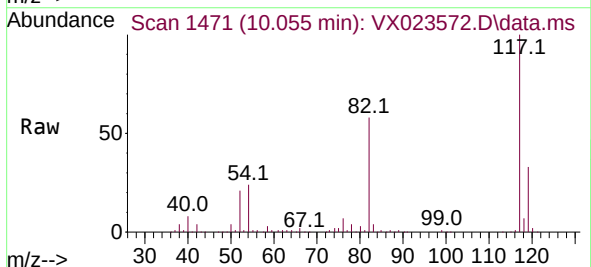
Instrument :
MSVOA_X
ClientSampleId :
123-24DL

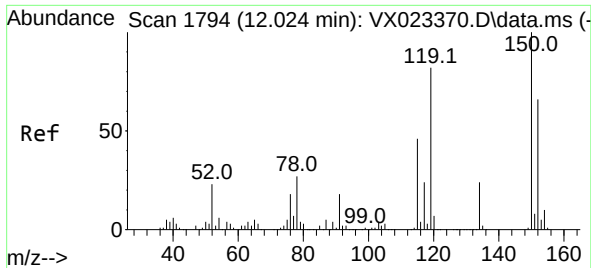
Tgt Ion: 95 Resp: 104523
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 79.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023572.D
Acq: 05 Aug 2021 15:03

Tgt Ion: 117 Resp: 234830
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 33.1 26.6 39.8

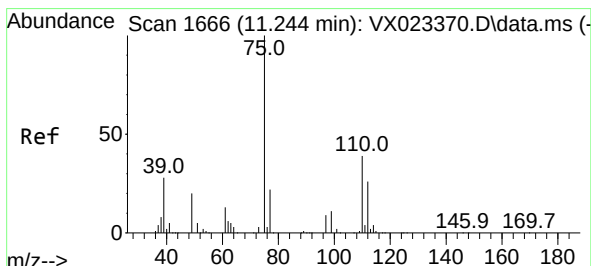
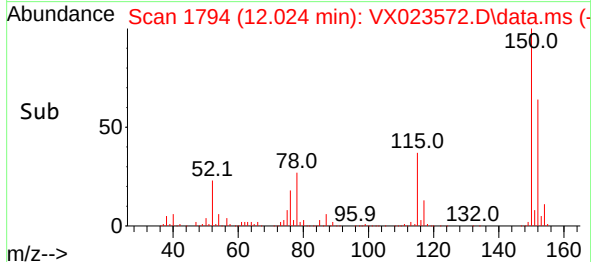
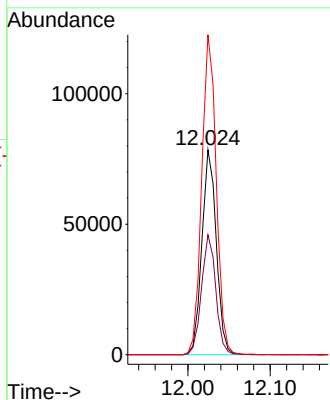
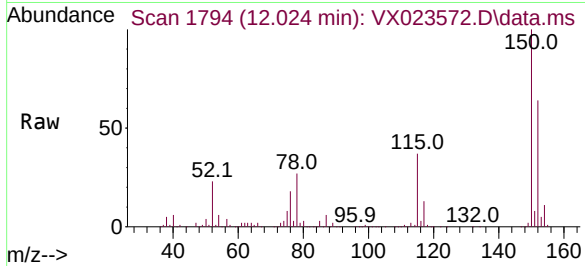




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023572.D
 Acq: 05 Aug 2021 15:03

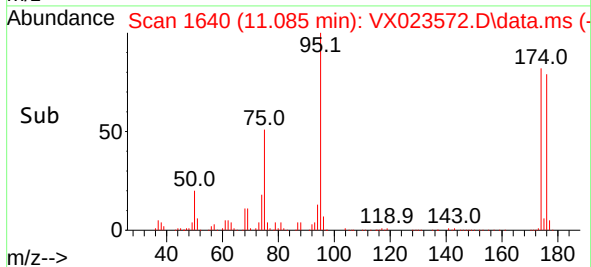
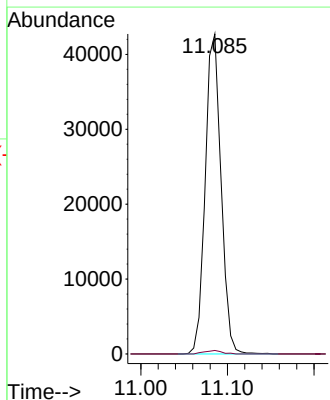
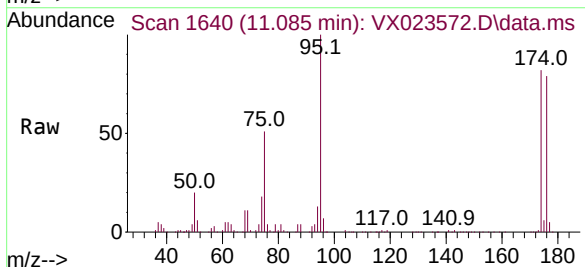
Instrument :
 MSVOA_X
 ClientSampled :
 123-24DL

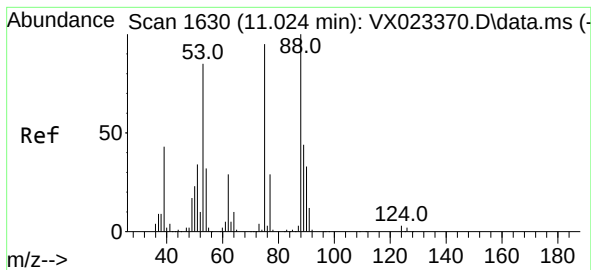
Tgt Ion:152 Resp: 95441
 Ion Ratio Lower Upper
 152 100
 115 58.0 41.1 123.3
 150 157.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.786 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023572.D
 Acq: 05 Aug 2021 15:03

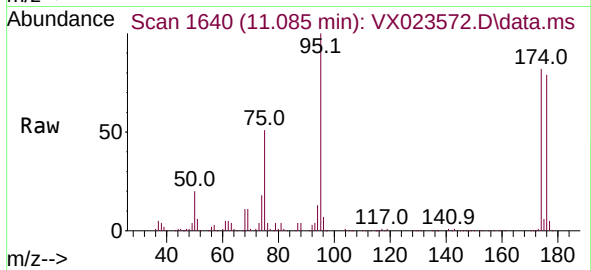
Tgt Ion: 75 Resp: 54156
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.334 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023572.D
 Acq: 05 Aug 2021 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 123-24DL



Tgt Ion: 75 Resp: 54156
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

