

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024264.D
 Acq On : 15 Sep 2021 16:37
 Operator : JC/MD
 Sample : M3724-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33130

Quant Time: Sep 16 04:45:40 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)

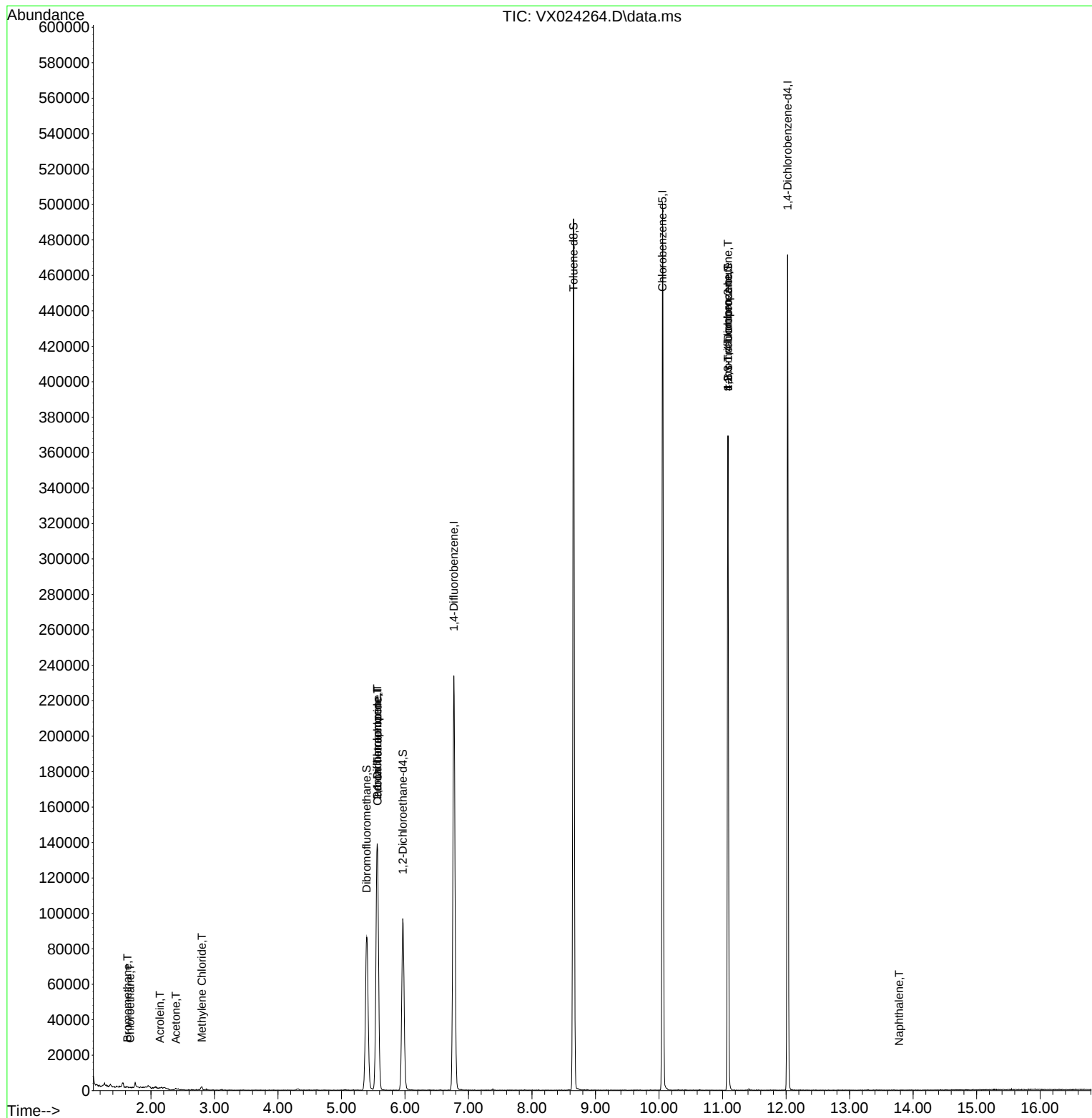
Internal Standards						
1) Pentafluorobenzene	5.562	168	130935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227887	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98332	52.666	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.340%	
35) Dibromofluoromethane	5.397	113	76657	50.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.320%	
50) Toluene-d8	8.653	98	281837	50.621	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	11.085	95	89532	41.322	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 82.640%#	
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	320	0.411	ug/l #	61
6) Chloroethane	1.672	64	116	2.107	ug/l #	43
11) Tert butyl alcohol	2.965	59	116	Below Cal	#	73
13) Acrolein	2.142	56	52	0.423	ug/l #	1
16) Acetone	2.392	43	879	1.104	ug/l #	84
20) Methylene Chloride	2.800	84	797	0.521	ug/l #	83
36) 1,1-Dichloropropene	5.562	75	9962	4.755	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14076	5.969	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	50083	22.994	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	50083	67.627	ug/l #	12
95) Naphthalene	13.780	128	34	1.292	ug/l #	69

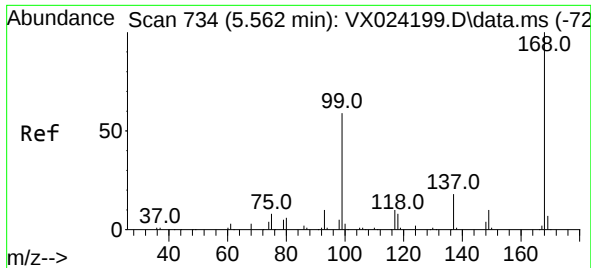
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
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Response via : Initial Calibration

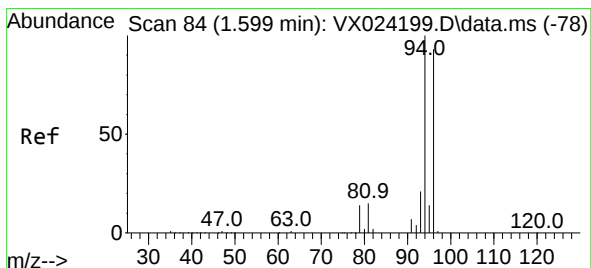
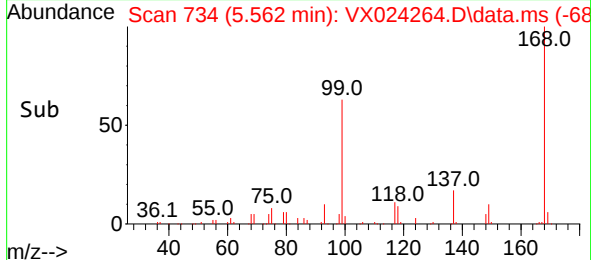
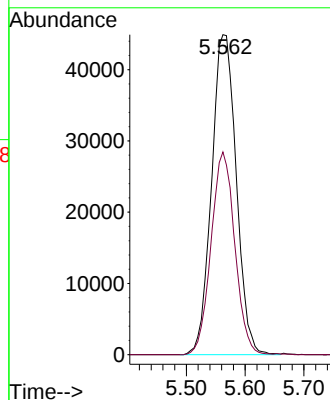
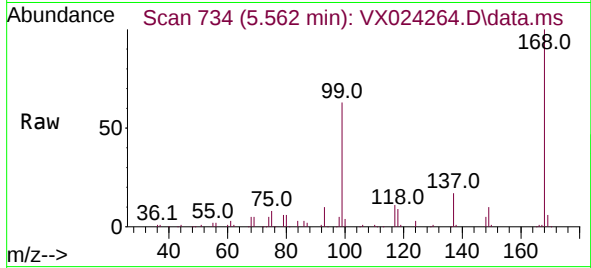




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

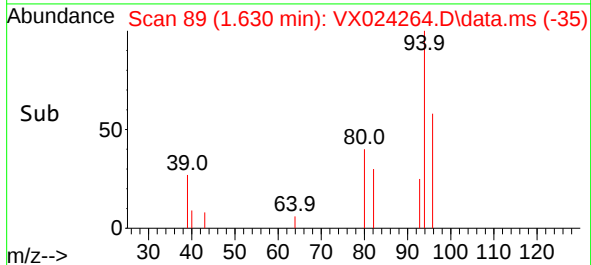
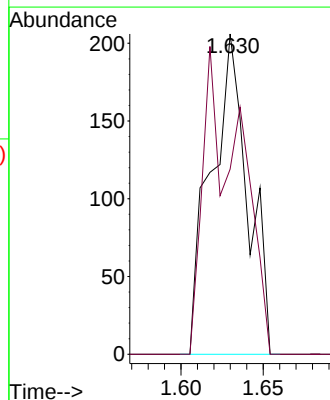
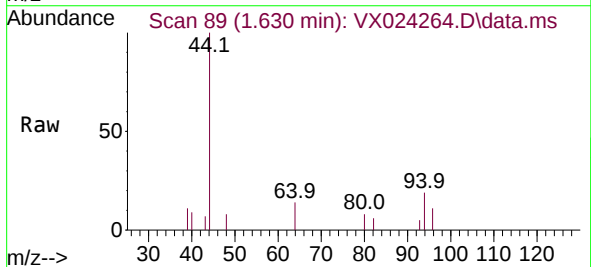
Instrument :
MSVOA_X
ClientSampleId :
33130

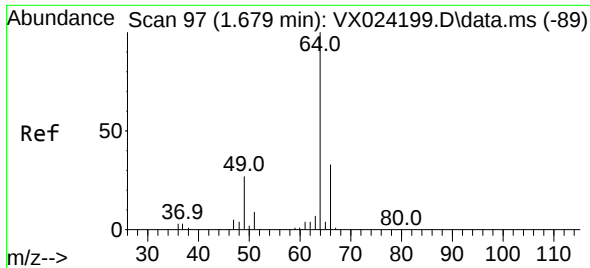
Tgt Ion:168 Resp: 130935
Ion Ratio Lower Upper
168 100
99 63.4 45.8 68.6



#5
Bromomethane
Concen: 0.411 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

Tgt Ion: 94 Resp: 320
Ion Ratio Lower Upper
94 100
96 57.8 76.4 114.6#

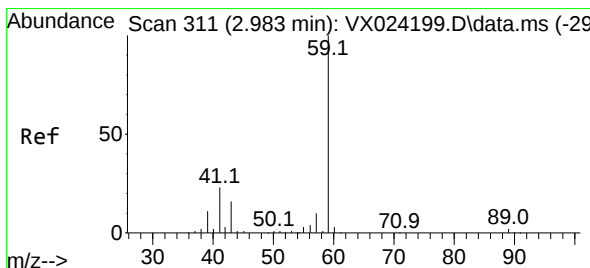
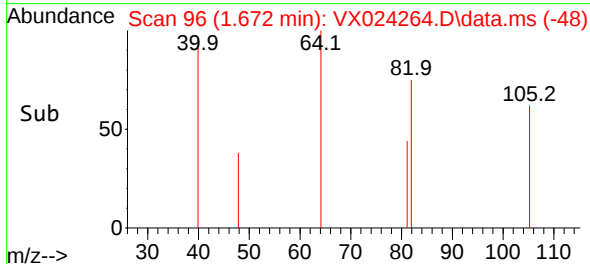
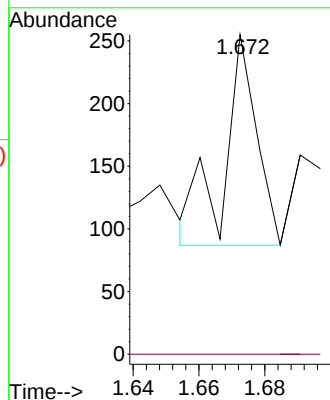
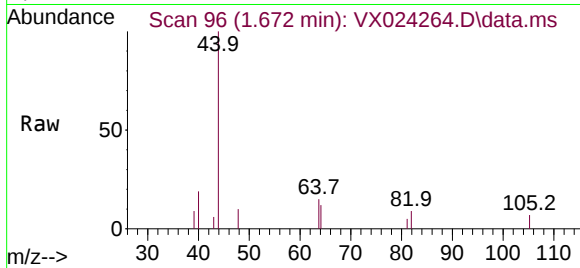




#6
Chloroethane
Concen: 2.107 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

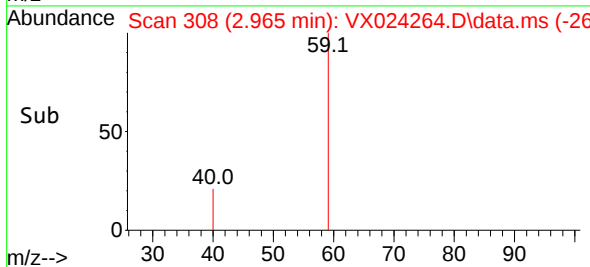
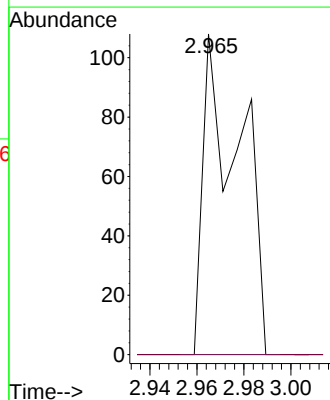
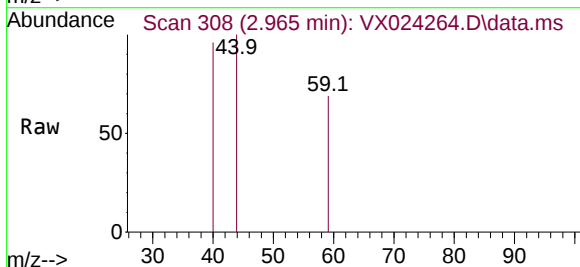
Instrument :
MSVOA_X
ClientSampled :
33130

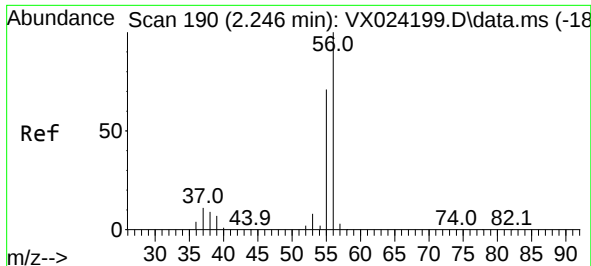
Tgt Ion: 64 Resp: 116
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

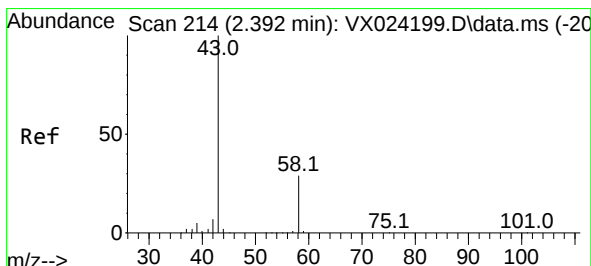
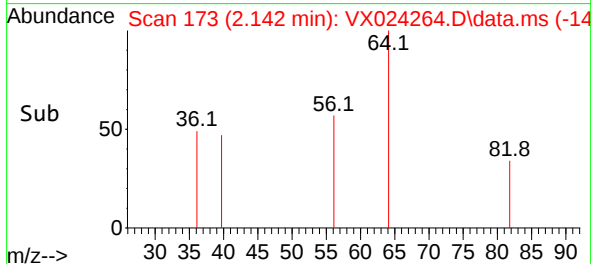
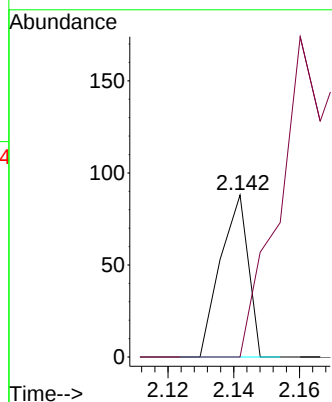
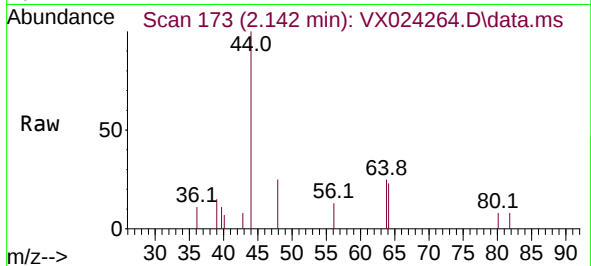




#13
Acrolein
Concen: 0.423 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.104 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

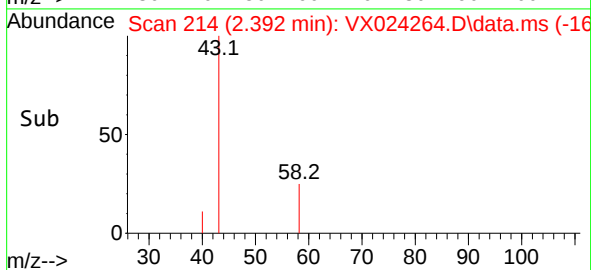
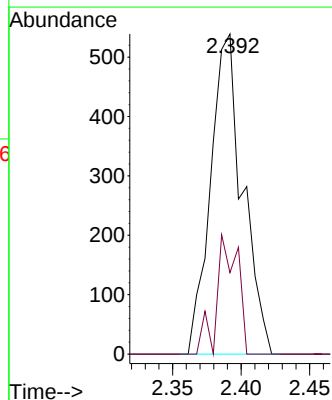
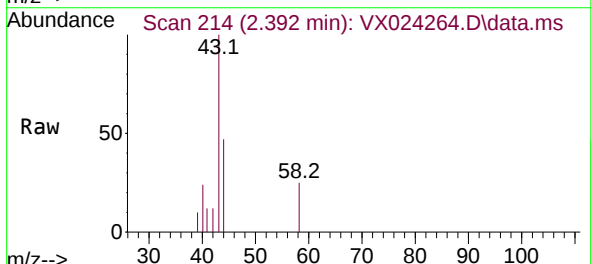
Instrument :
MSVOA_X
ClientSampled :
33130

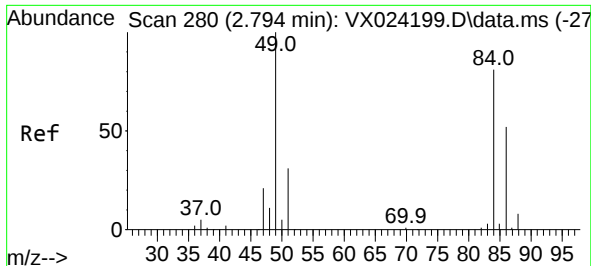
Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 498.1 56.4 84.6#



#16
Acetone
Concen: 1.104 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

Tgt Ion: 43 Resp: 879
Ion Ratio Lower Upper
43 100
58 25.4 27.8 41.8#





#20

Methylene Chloride

Concen: 0.521 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024264.D

Acq: 15 Sep 2021 16:37

Instrument :

MSVOA_X

ClientSampleId :

33130

Tgt Ion: 84 Resp: 797

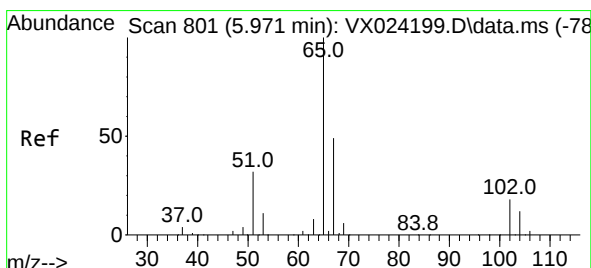
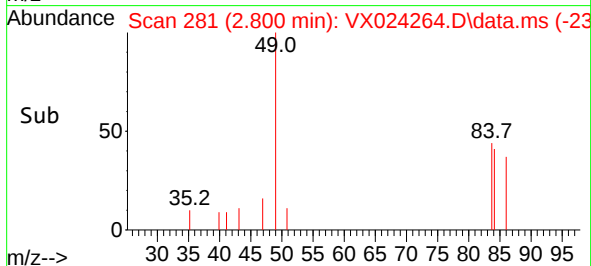
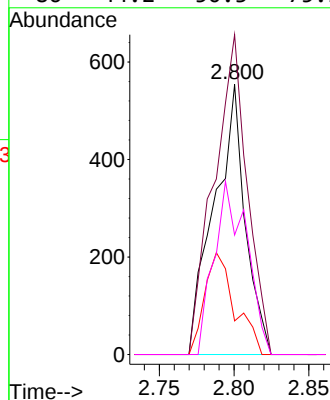
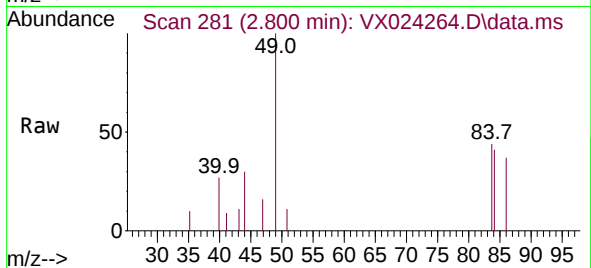
Ion Ratio Lower Upper

84 100

49 118.4 88.6 132.8

51 12.5 27.0 40.6#

86 44.2 50.3 75.5#



#33

1,2-Dichloroethane-d4

Concen: 52.666 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024264.D

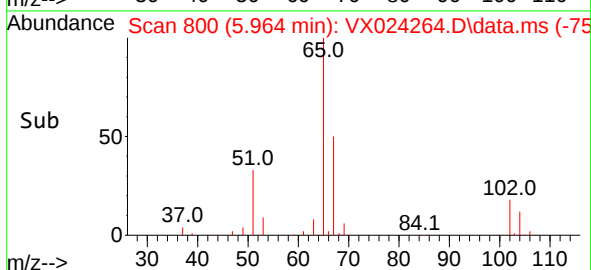
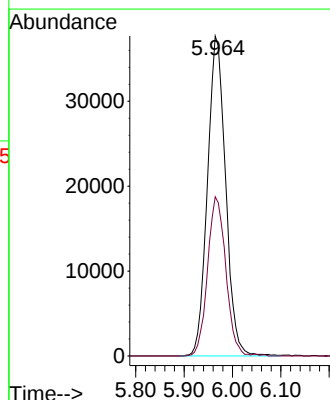
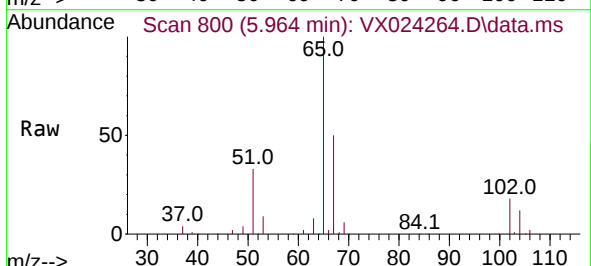
Acq: 15 Sep 2021 16:37

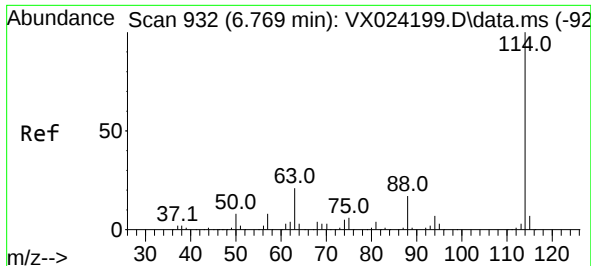
Tgt Ion: 65 Resp: 98332

Ion Ratio Lower Upper

65 100

67 49.9 0.0 105.4

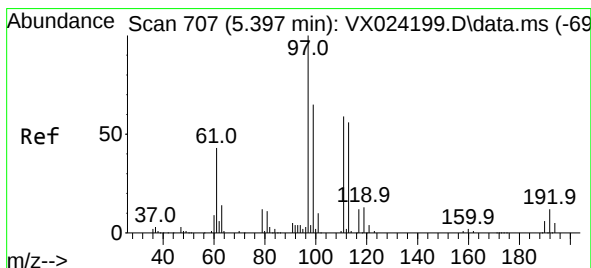
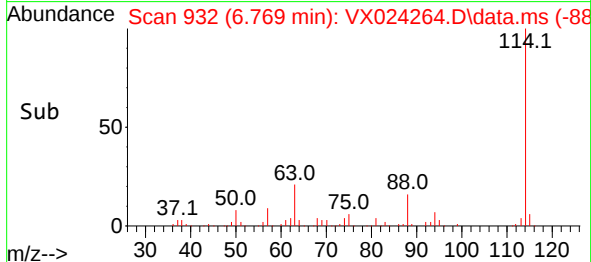
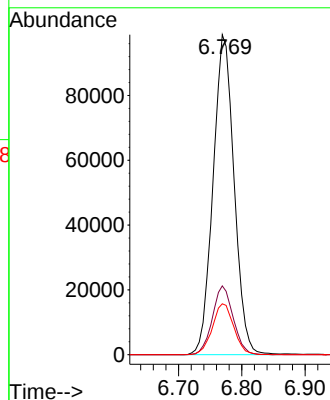
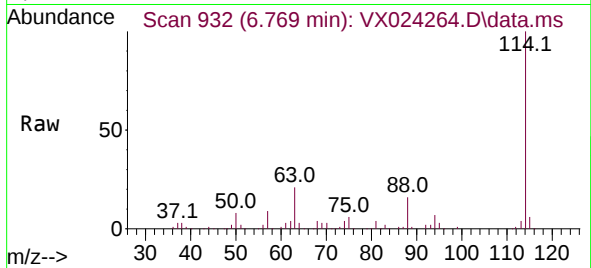




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

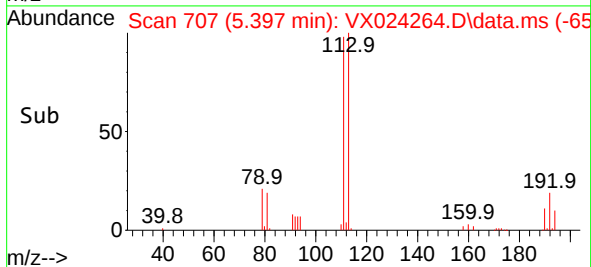
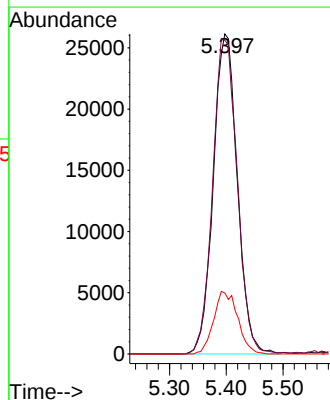
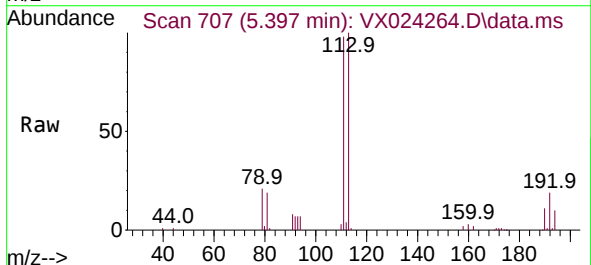
Instrument :
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ClientSampled :
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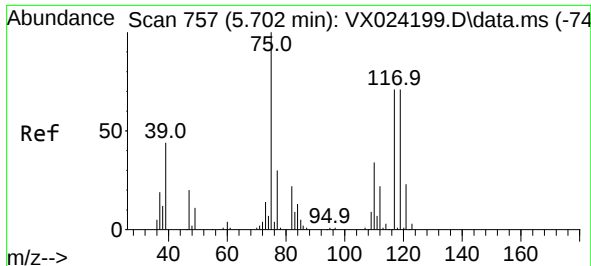
Tgt Ion:114 Resp: 227887
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.158 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

Tgt Ion:113 Resp: 76657
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 19.6 16.7 25.1

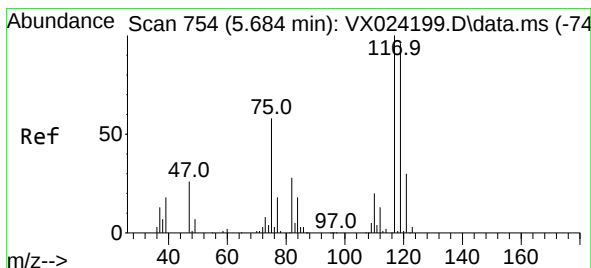
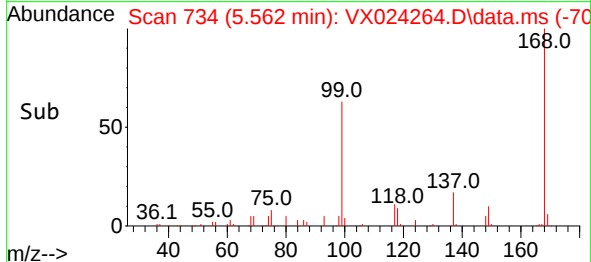
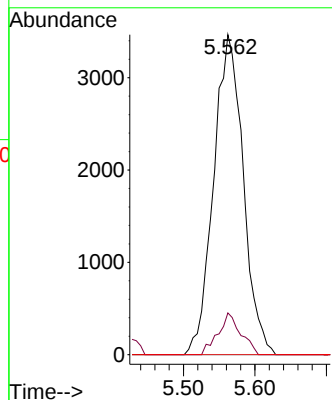
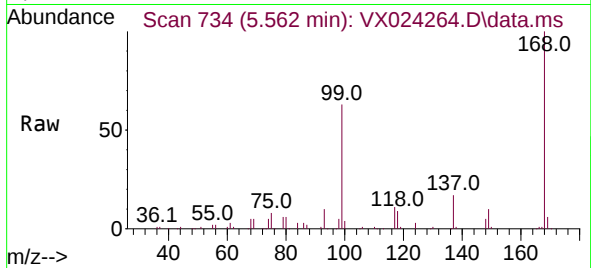




#36
1,1-Dichloropropene
Concen: 4.755 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

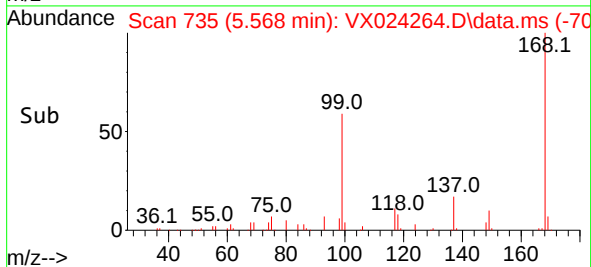
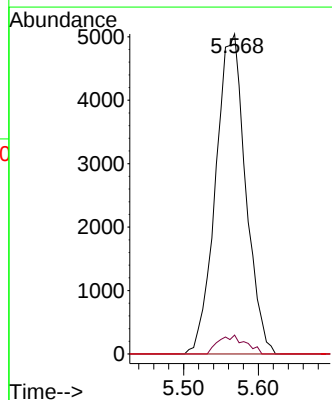
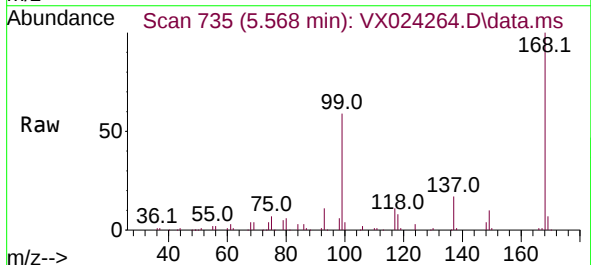
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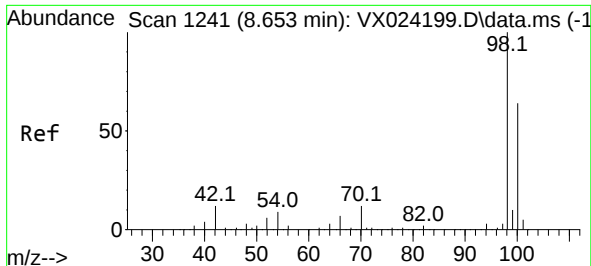
Tgt Ion: 75 Resp: 9962
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.969 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

Tgt Ion: 117 Resp: 14076
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

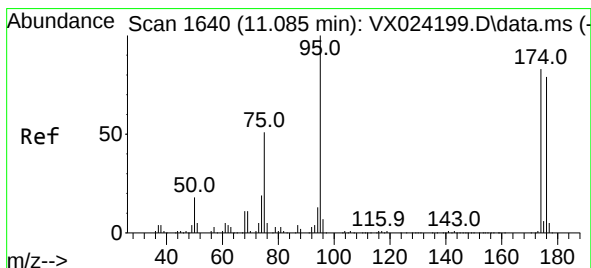
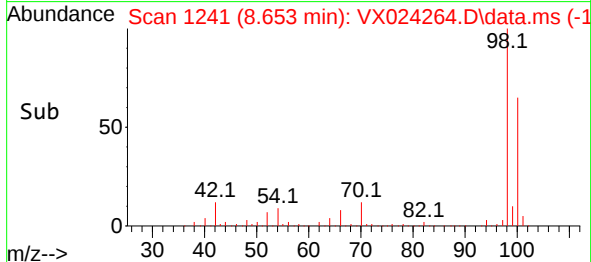
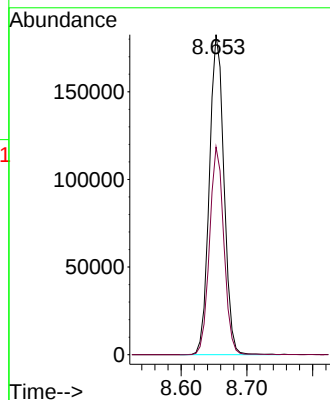
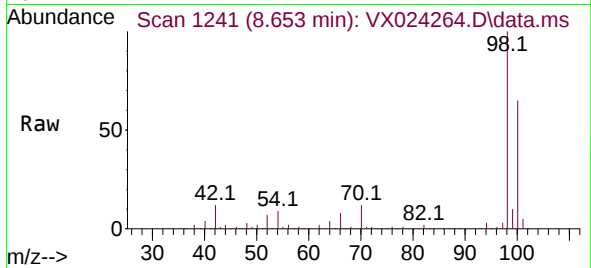




#50
Toluene-d8
Concen: 50.621 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

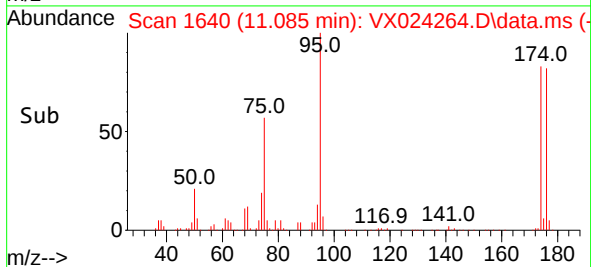
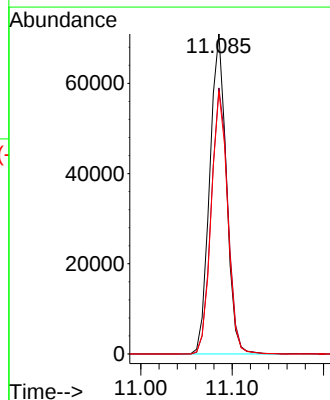
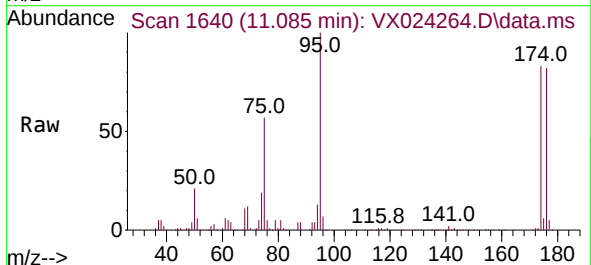
Instrument :
MSVOA_X
ClientSampleId :
33130

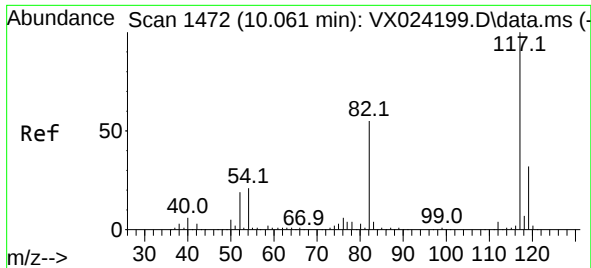
Tgt Ion: 98 Resp: 281837
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.322 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

Tgt Ion: 95 Resp: 89532
Ion Ratio Lower Upper
95 100
174 83.2 0.0 154.6
176 80.9 0.0 155.8

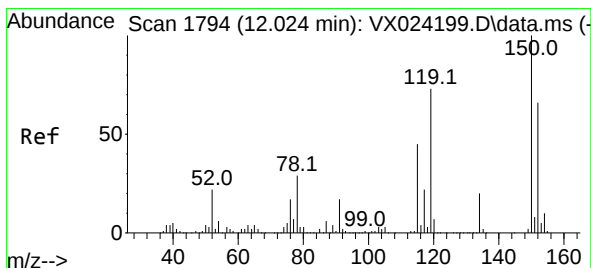
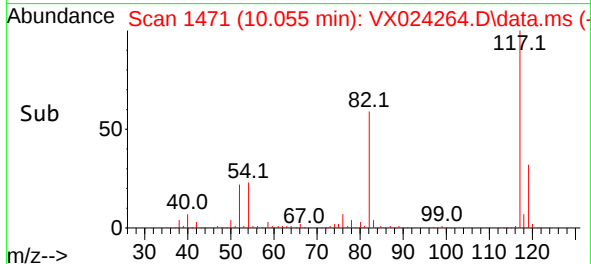
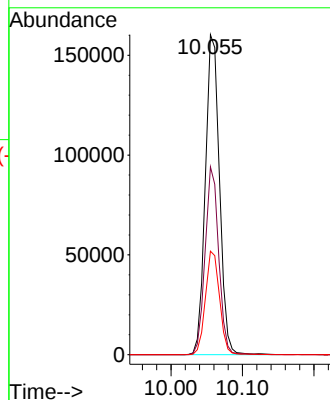
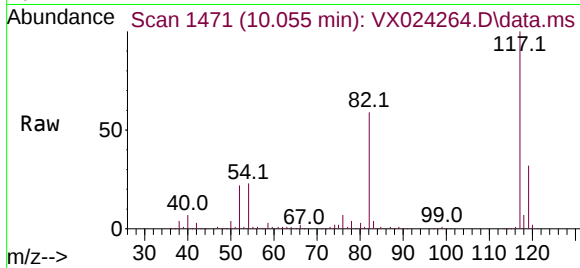




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

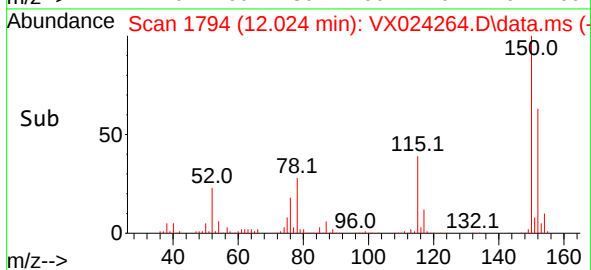
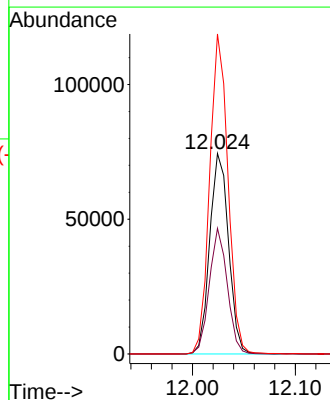
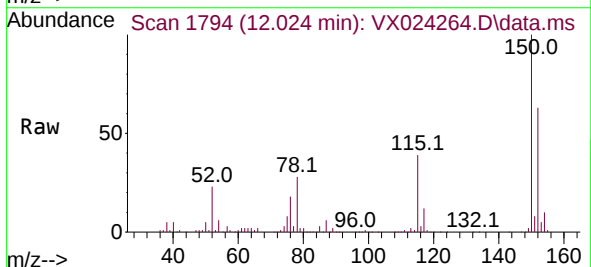
Instrument :
MSVOA_X
ClientSampled :
33130

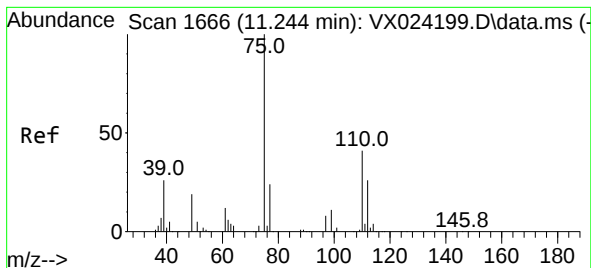
Tgt Ion:117 Resp: 220725
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

Tgt Ion:152 Resp: 94722
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 154.9 0.0 349.0

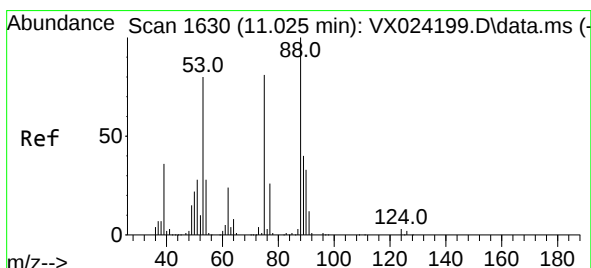
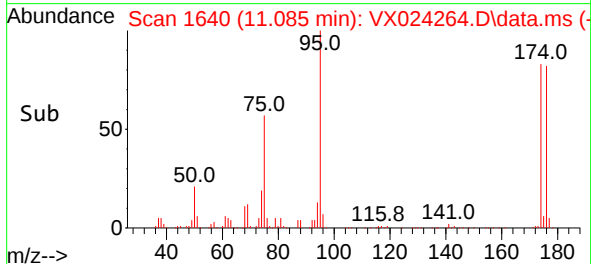
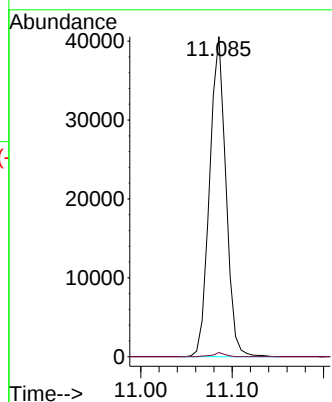
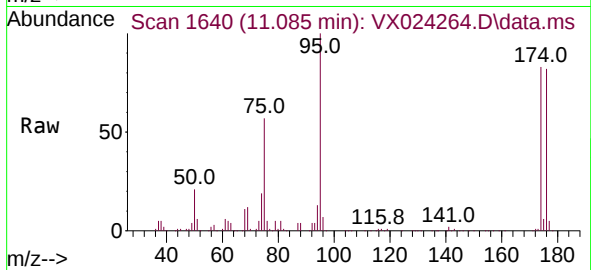




#76
1,2,3-Trichloropropane
Concen: 22.994 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

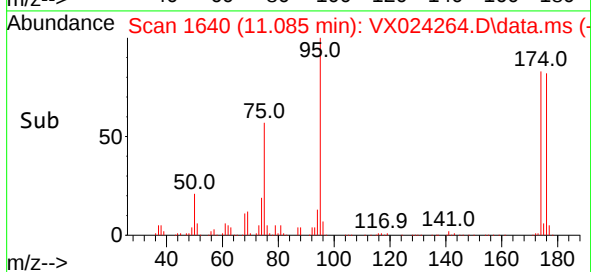
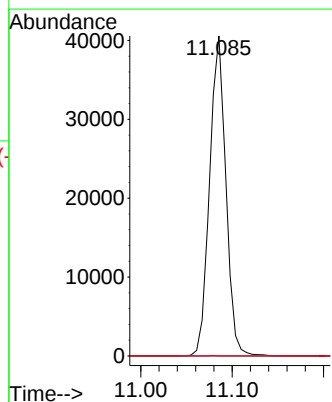
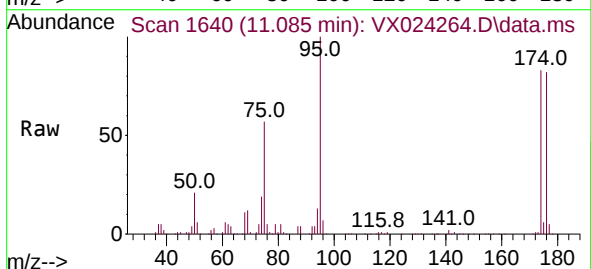
Instrument :
MSVOA_X
ClientSampled :
33130

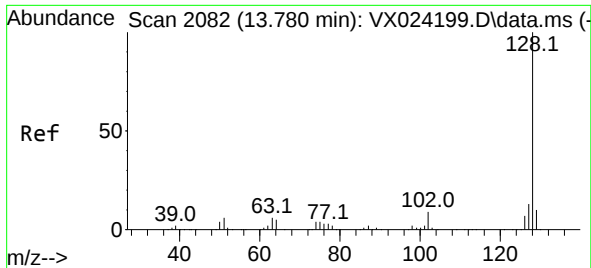
Tgt Ion: 75 Resp: 50083
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.627 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

Tgt Ion: 75 Resp: 50083
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
 Naphthalene
 Concen: 1.292 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VX024264.D
 Acq: 15 Sep 2021 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 33130

Tgt Ion:128	Resp:	34
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.8 13.2#

