

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024265.D
 Acq On : 15 Sep 2021 17:00
 Operator : JC/MD
 Sample : M3724-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33131

Quant Time: Sep 16 04:45:58 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	130039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	220503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93488	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96441	52.009	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.020%
35) Dibromofluoromethane	5.397	113	75818	50.079	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.160%
50) Toluene-d8	8.653	98	253492	45.961	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.920%#
62) 4-Bromofluorobenzene	11.085	95	104859	48.854	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.700%

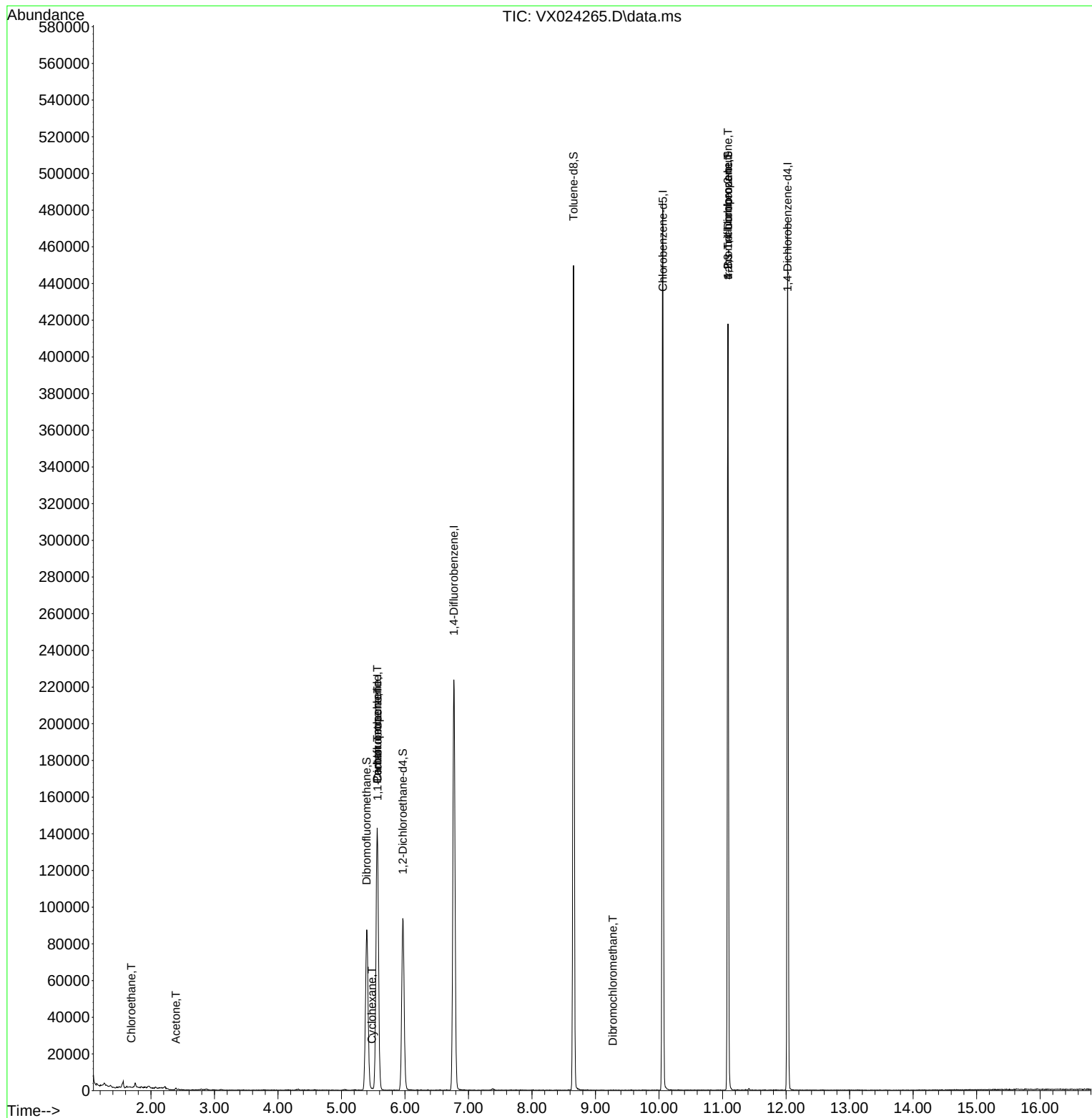
Target Compounds					Qvalue	
6) Chloroethane	1.691	64	178	2.164	ug/l #	43
11) Tert butyl alcohol	2.989	59	48	Below Cal	#	73
16) Acetone	2.392	43	802	1.014	ug/l #	72
31) Cyclohexane	5.477	56	556	0.256	ug/l #	66
36) 1,1-Dichloropropene	5.568	75	10481	5.050	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13479	5.770	ug/l #	17
60) Dibromochloromethane	9.275	129	79	1.767	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	55465	25.802	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55465	75.883	ug/l #	12

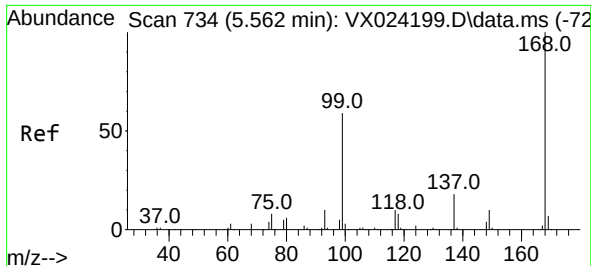
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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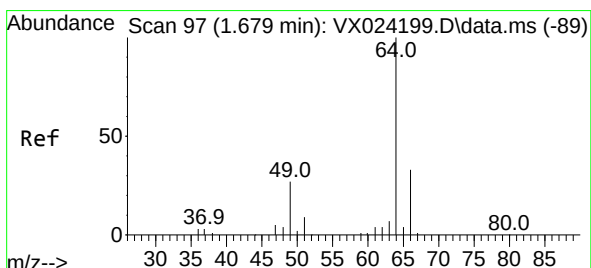
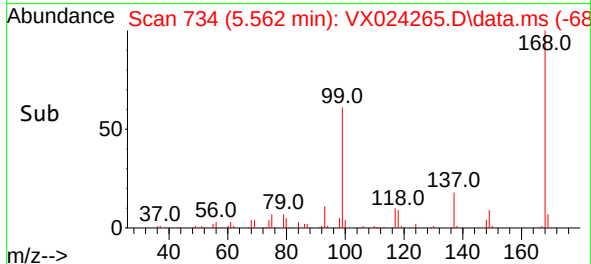
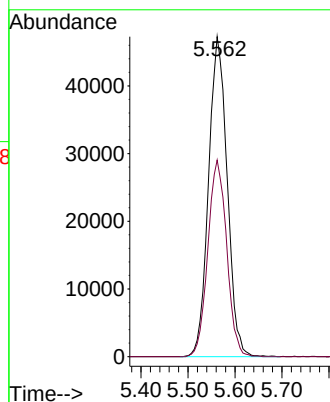
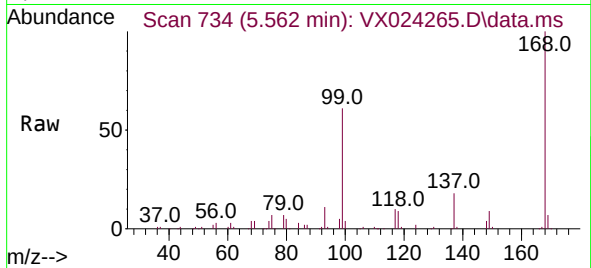




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024265.D
Acq: 15 Sep 2021 17:00

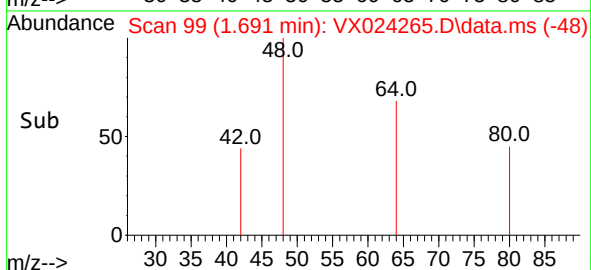
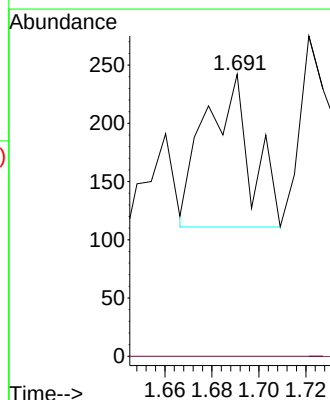
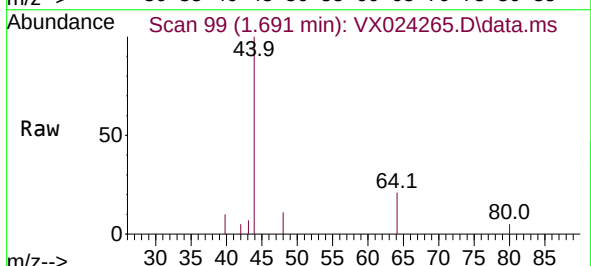
Instrument :
MSVOA_X
ClientSampleId :
33131

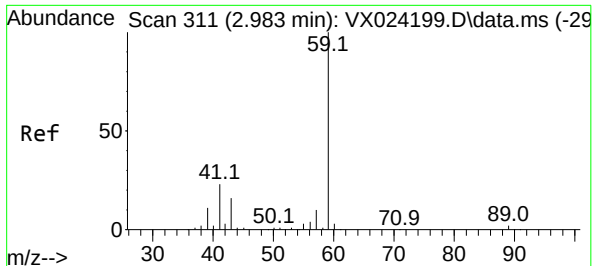
Tgt Ion:168 Resp: 130039
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#6
Chloroethane
Concen: 2.164 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024265.D
Acq: 15 Sep 2021 17:00

Tgt Ion: 64 Resp: 178
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

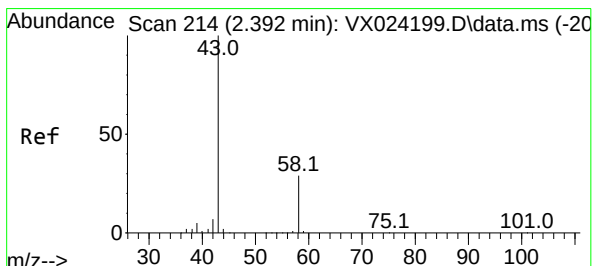
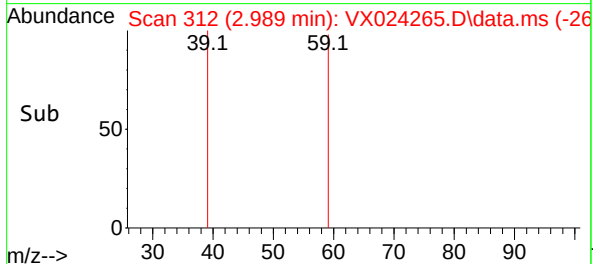
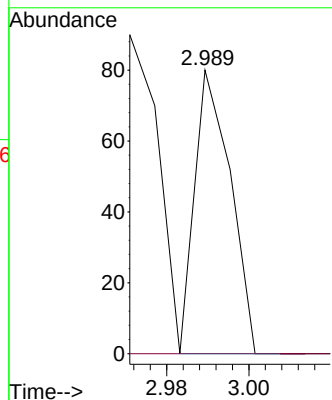
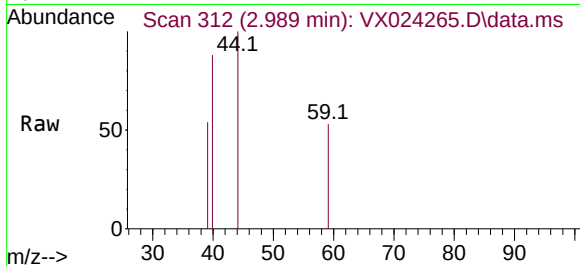




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.989 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX024265.D
Acq: 15 Sep 2021 17:00

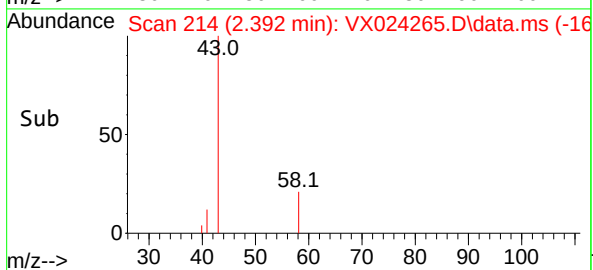
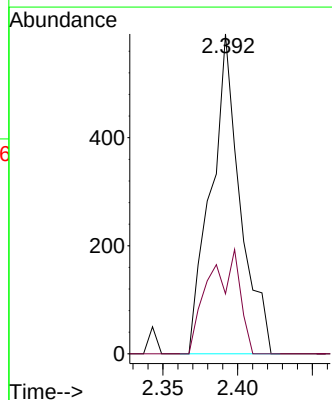
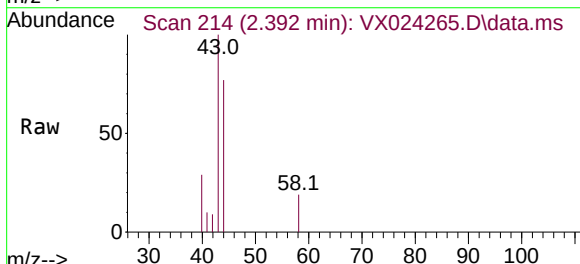
Instrument :
MSVOA_X
ClientSampled :
33131

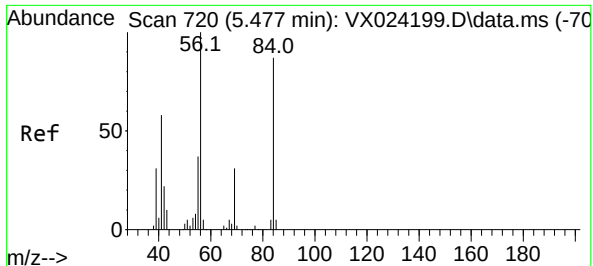
Tgt Ion: 59 Resp: 48
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.014 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024265.D
Acq: 15 Sep 2021 17:00

Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 18.8 27.8 41.8#

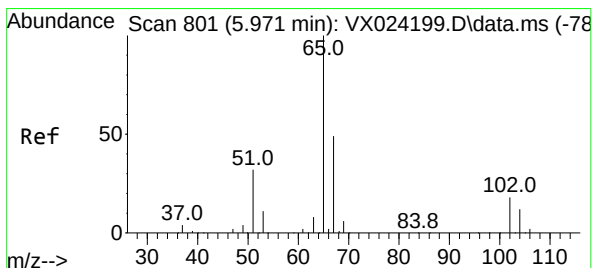
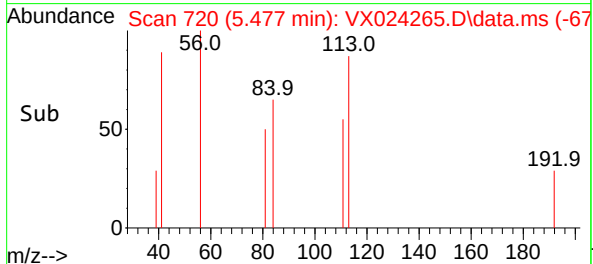
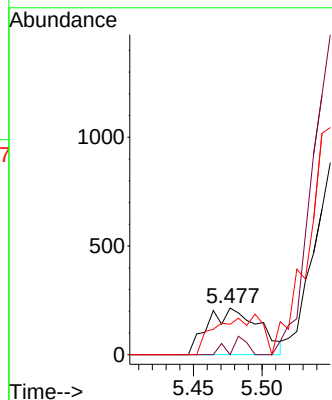
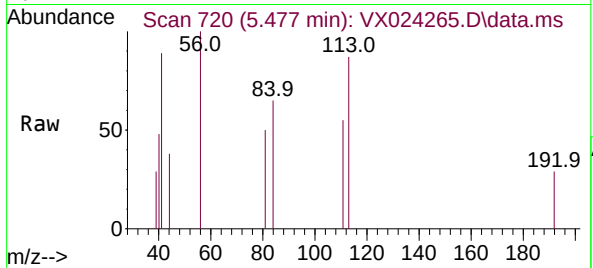




#31
Cyclohexane
Concen: 0.256 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX024265.D
Acq: 15 Sep 2021 17:00

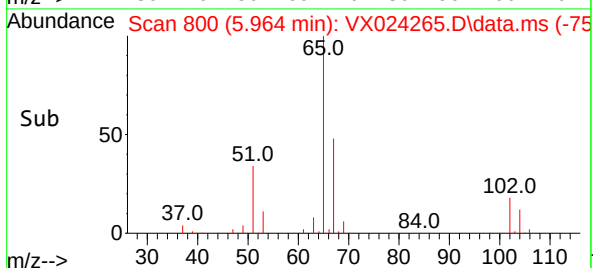
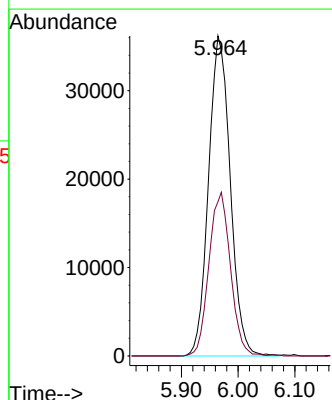
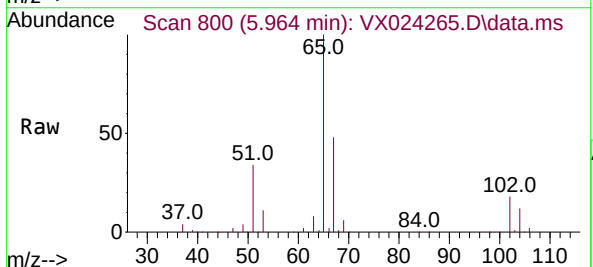
Instrument :
MSVOA_X
ClientSampled :
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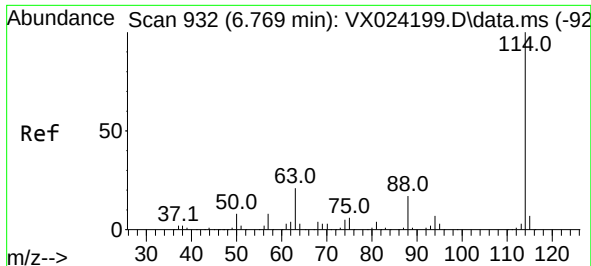
Tgt Ion: 56 Resp: 556
Ion Ratio Lower Upper
56 100
69 0.0 25.3 37.9#
84 65.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.009 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024265.D
Acq: 15 Sep 2021 17:00

Tgt Ion: 65 Resp: 96441
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

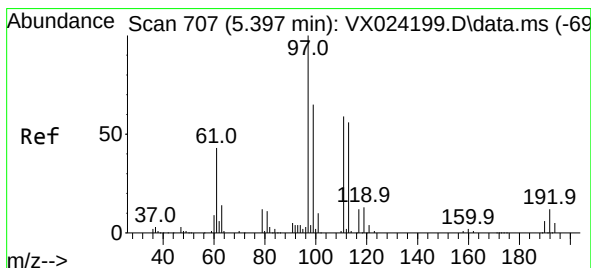
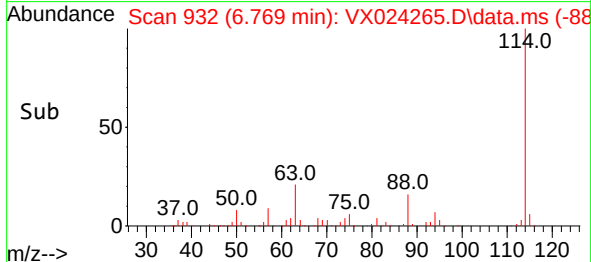
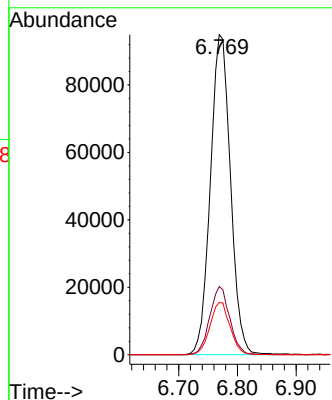
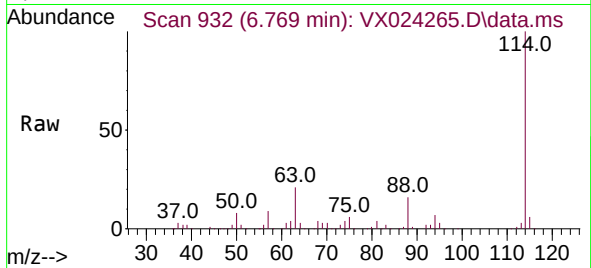




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024265.D
Acq: 15 Sep 2021 17:00

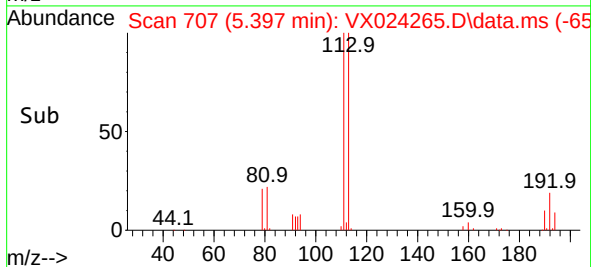
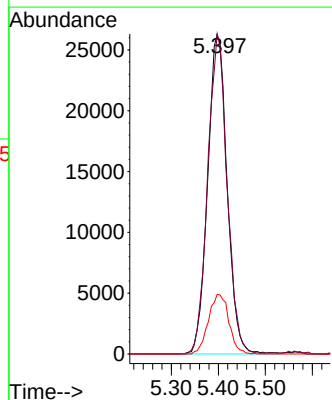
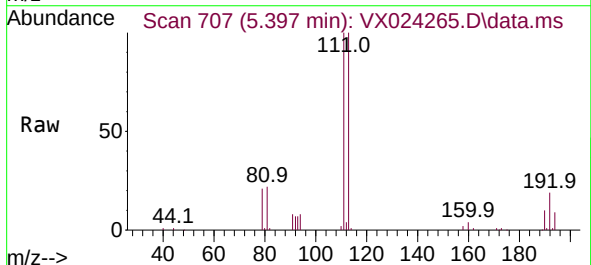
Instrument :
MSVOA_X
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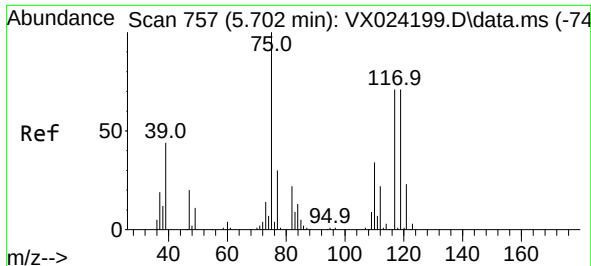
Tgt Ion:114 Resp: 225750
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.079 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024265.D
Acq: 15 Sep 2021 17:00

Tgt Ion:113 Resp: 75818
Ion Ratio Lower Upper
113 100
111 99.4 81.9 122.9
192 19.5 16.7 25.1

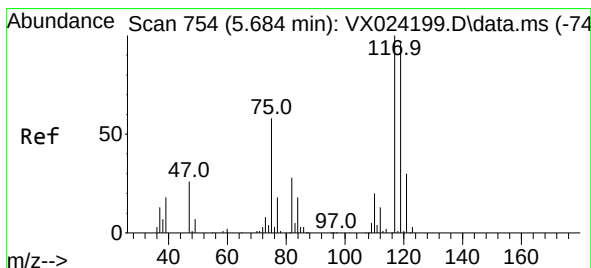
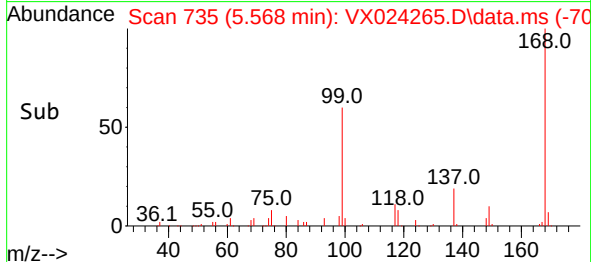
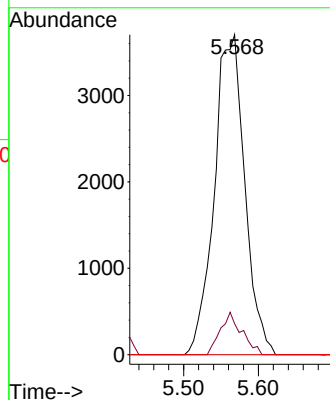
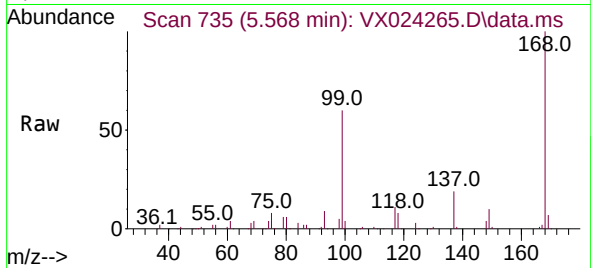




#36
1,1-Dichloropropene
Concen: 5.050 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX024265.D
Acq: 15 Sep 2021 17:00

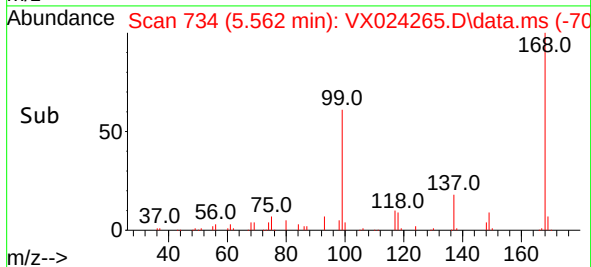
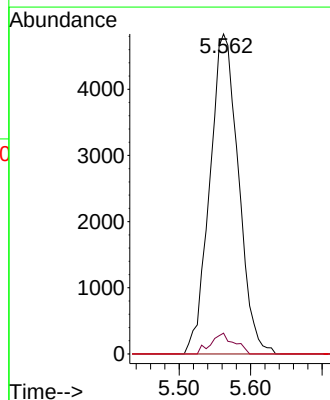
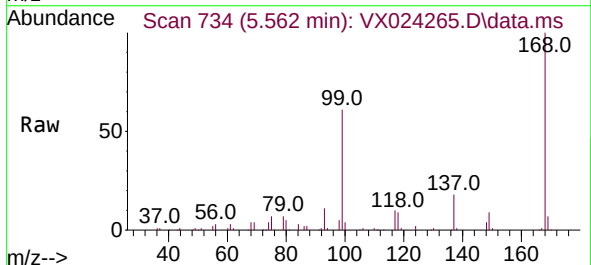
Instrument :
MSVOA_X
ClientSampled :
33131

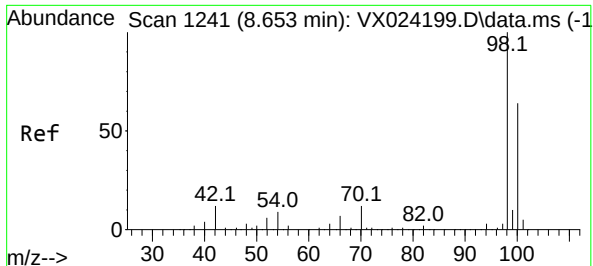
Tgt Ion: 75 Resp: 10481
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.770 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024265.D
Acq: 15 Sep 2021 17:00

Tgt Ion: 117 Resp: 13479
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 45.961 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024265.D

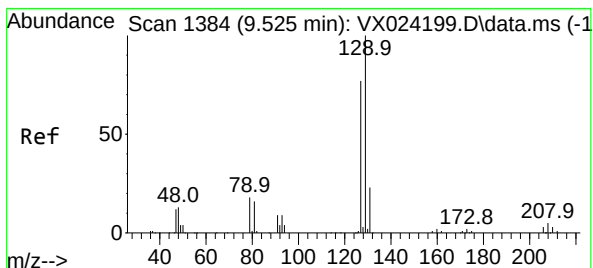
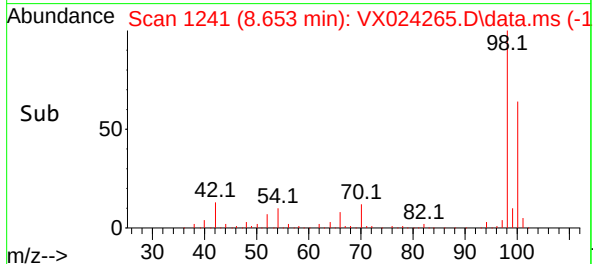
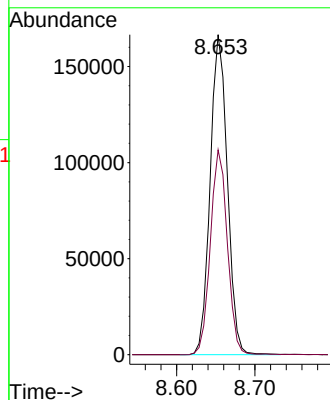
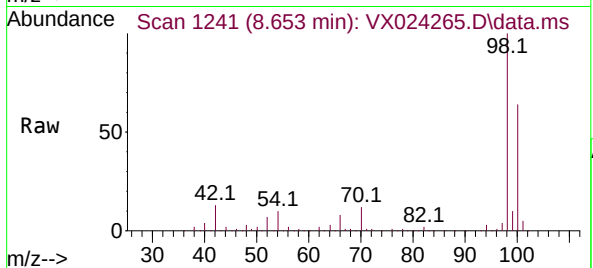
Acq: 15 Sep 2021 17:00

Tgt Ion: 98 Resp: 253492

Ion Ratio Lower Upper

98 100

100 63.3 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: VX024265.D

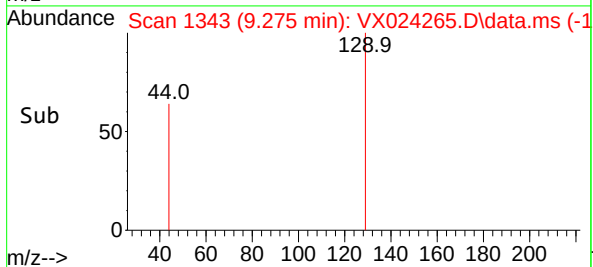
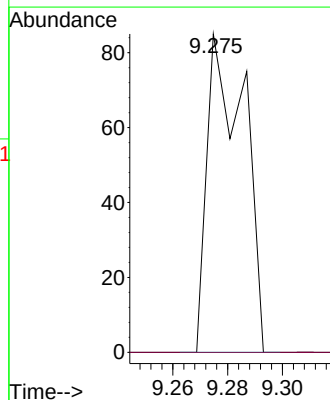
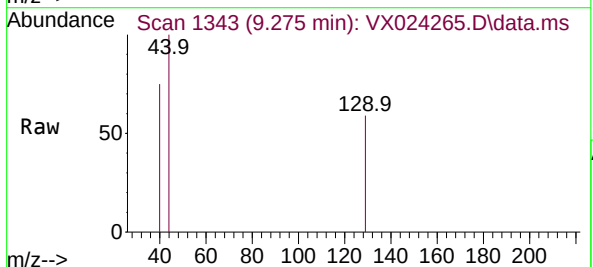
Acq: 15 Sep 2021 17:00

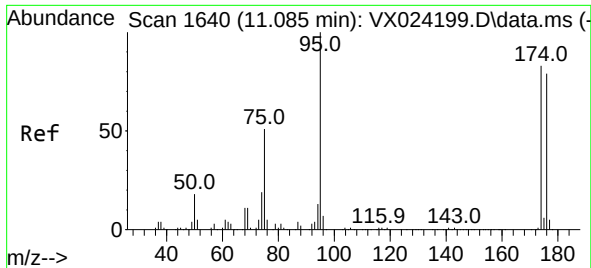
Tgt Ion: 129 Resp: 79

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

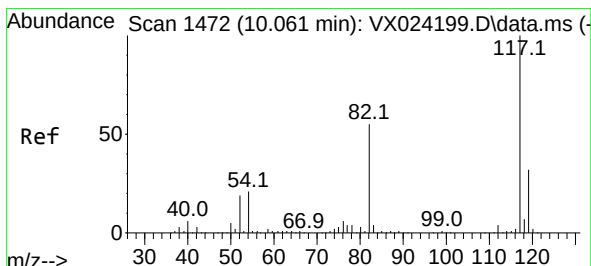
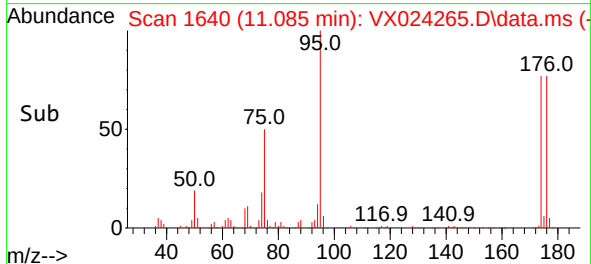
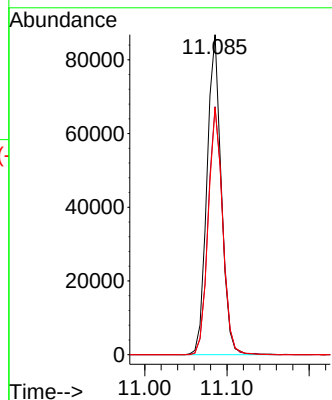
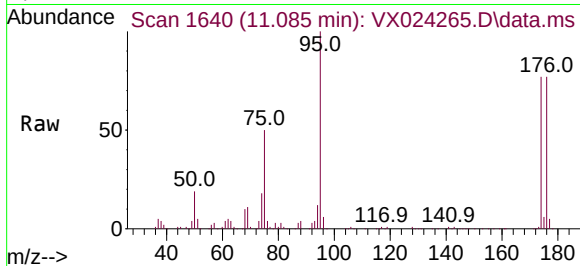




#62
4-Bromofluorobenzene
Concen: 48.854 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024265.D
Acq: 15 Sep 2021 17:00

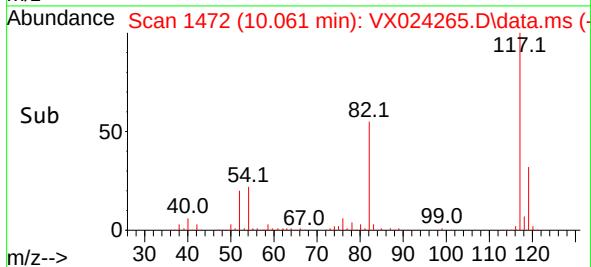
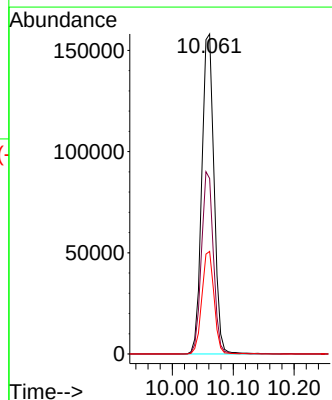
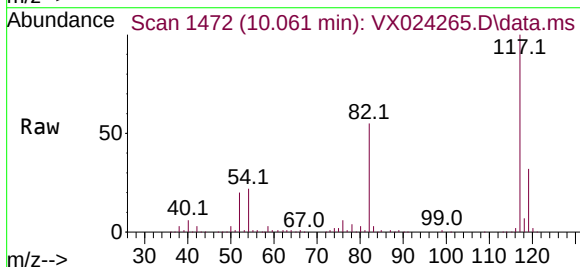
Instrument :
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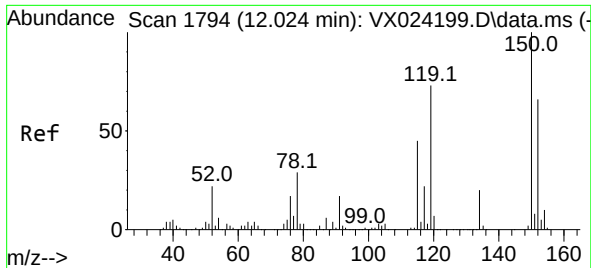
Tgt Ion: 95 Resp: 104859
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.6
176 77.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024265.D
Acq: 15 Sep 2021 17:00

Tgt Ion: 117 Resp: 220503
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 32.1 26.6 39.8

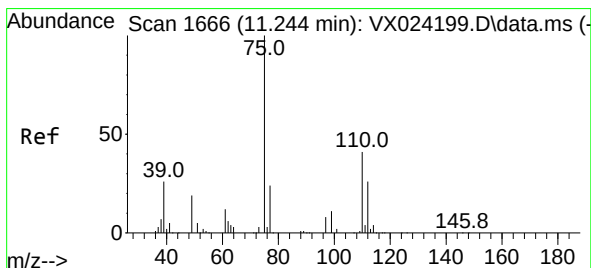
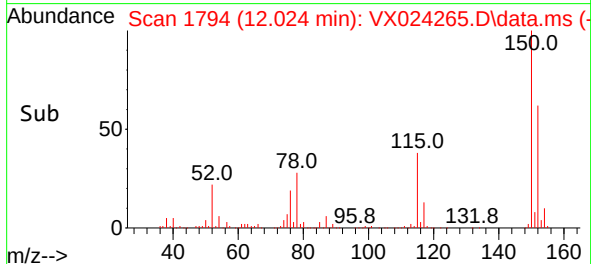
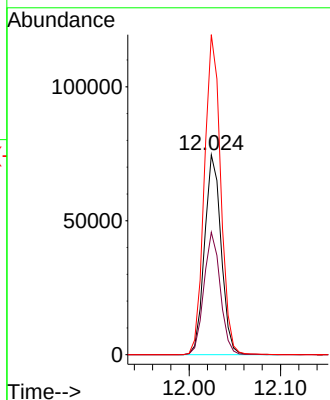
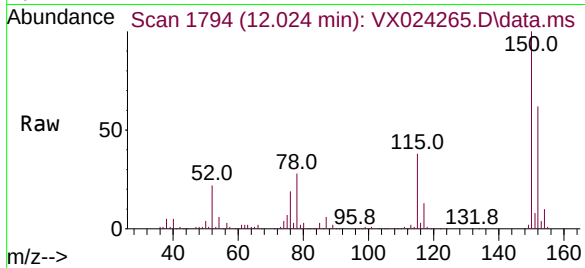




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024265.D
 Acq: 15 Sep 2021 17:00

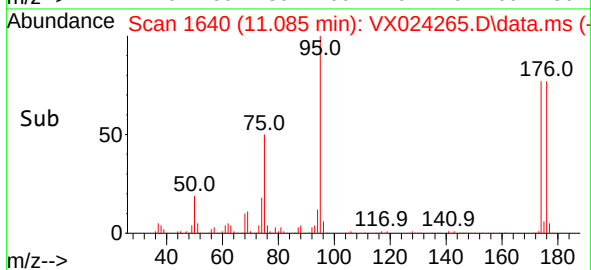
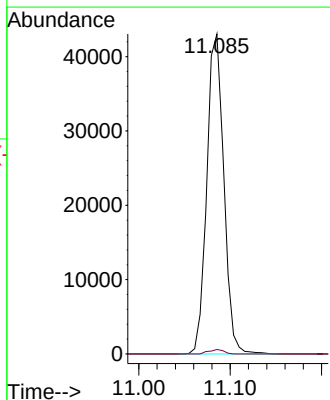
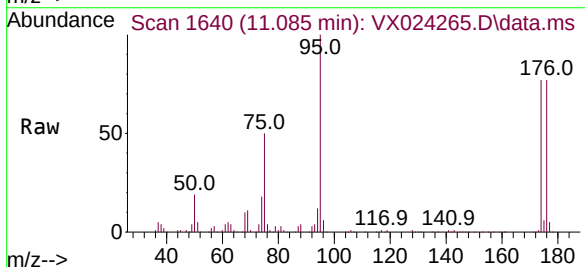
Instrument :
 MSVOA_X
 ClientSampled :
 33131

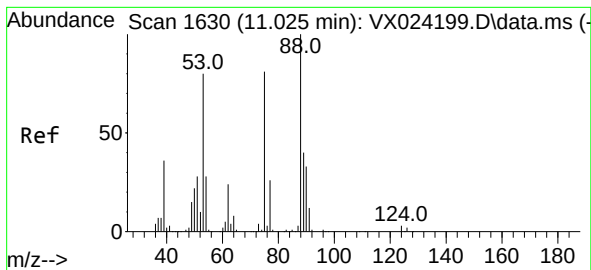
Tgt Ion:152 Resp: 93488
 Ion Ratio Lower Upper
 152 100
 115 60.6 41.1 123.3
 150 157.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.802 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024265.D
 Acq: 15 Sep 2021 17:00

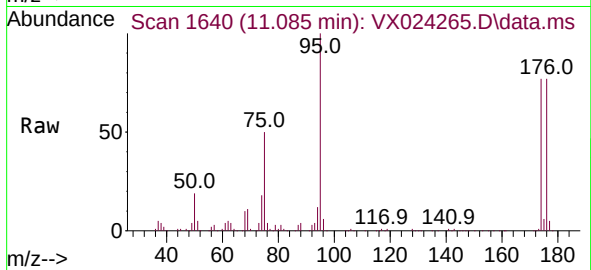
Tgt Ion: 75 Resp: 55465
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.883 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX024265.D
 Acq: 15 Sep 2021 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 33131



Tgt Ion: 75 Resp: 55465
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

