

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024267.D
 Acq On : 15 Sep 2021 17:48
 Operator : JC/MD
 Sample : M3724-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33133

Quant Time: Sep 16 04:46:40 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

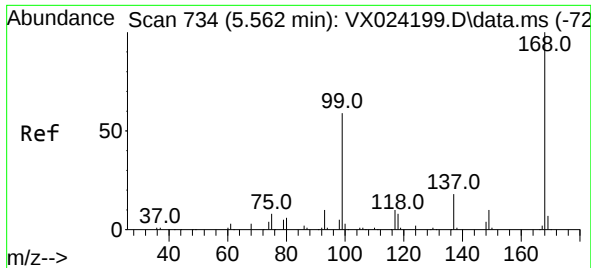
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	135308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101665	52.691	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.380%	
35) Dibromofluoromethane	5.397	113	77058	49.023	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.040%	
50) Toluene-d8	8.653	98	283400	49.491	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.980%	
62) 4-Bromofluorobenzene	11.085	95	107905	48.421	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	324	0.403	ug/l #	68
6) Chloroethane	1.654	64	128	2.114	ug/l #	43
11) Tert butyl alcohol	2.953	59	218	Below Cal	#	73
16) Acetone	2.386	43	866	1.053	ug/l #	84
29) Tetrahydrofuran	5.056	42	1048	1.382	ug/l #	32
31) Cyclohexane	5.562	56	3045	1.349	ug/l #	22
36) 1,1-Dichloropropene	5.562	75	10449	4.849	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14290	5.892	ug/l #	16
41) Methacrylonitrile	5.032	41	609	0.455	ug/l #	38
51) 4-Methyl-2-Pentanone	8.647	43	1414	0.555	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	57425	25.003	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57425	73.534	ug/l #	12

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

Quant Time: Sep 16 04:46:40 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

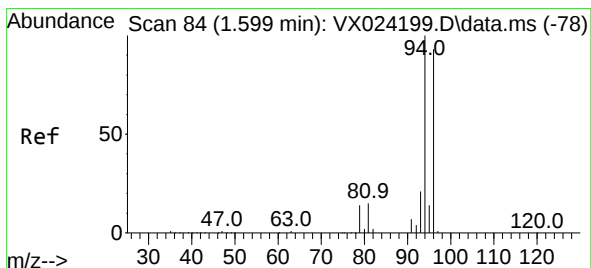
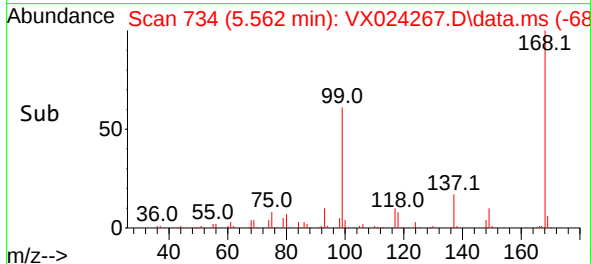
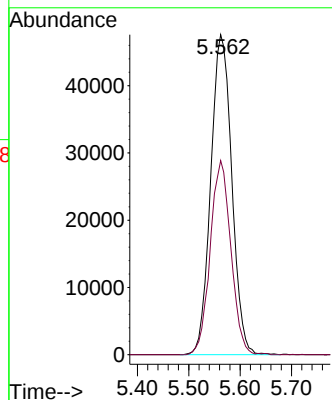
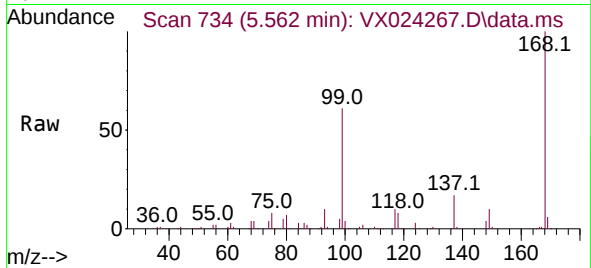




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

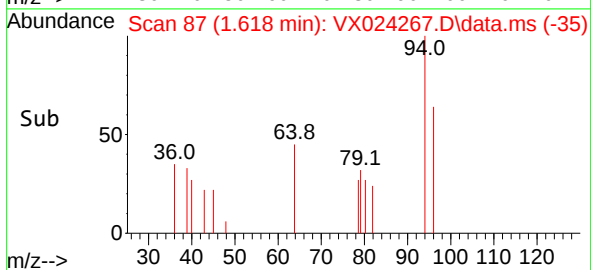
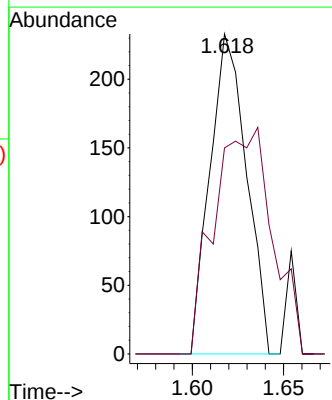
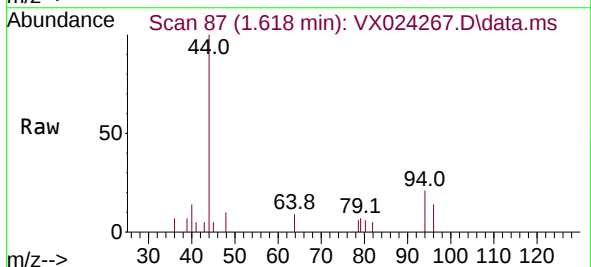
Instrument :
MSVOA_X
ClientSampleId :
33133

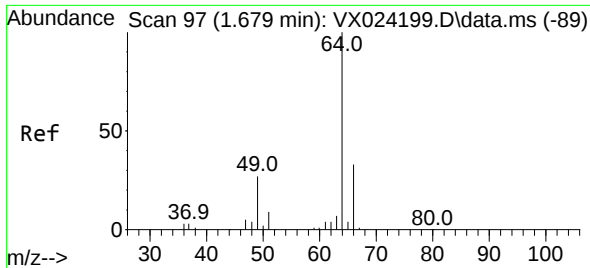
Tgt Ion:168 Resp: 135308
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.6



#5
Bromomethane
Concen: 0.403 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 64.4 76.4 114.6#

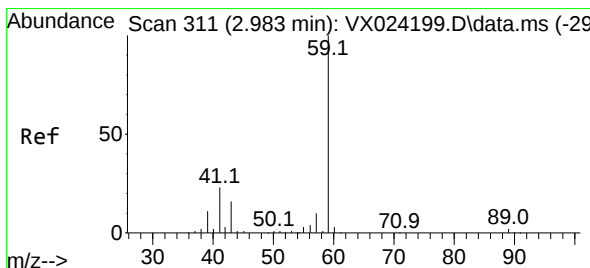
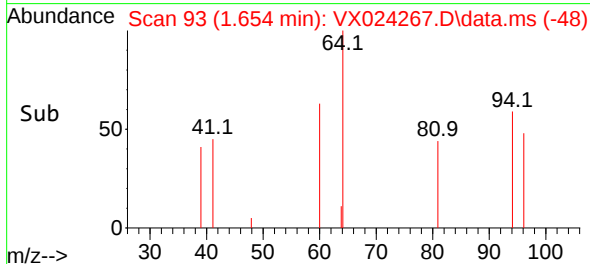
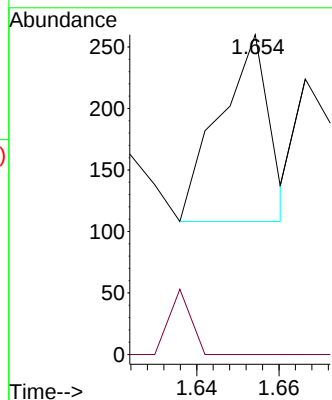
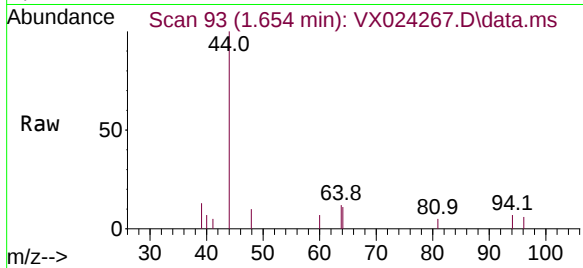




#6
Chloroethane
Concen: 2.114 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

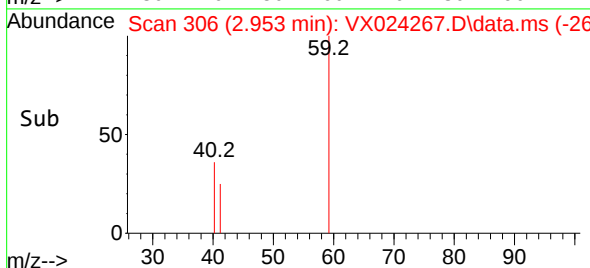
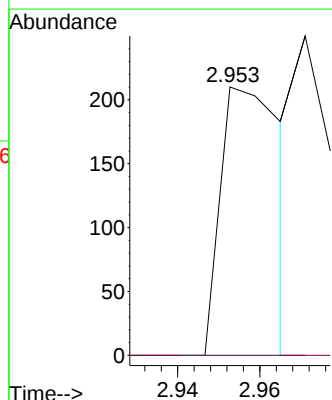
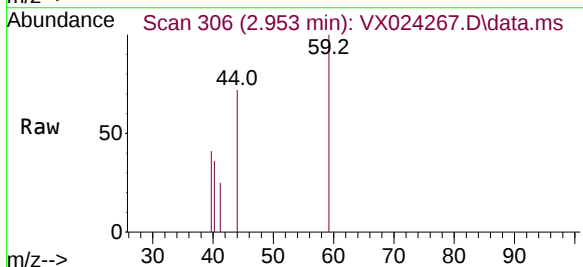
Instrument :
MSVOA_X
ClientSampled :
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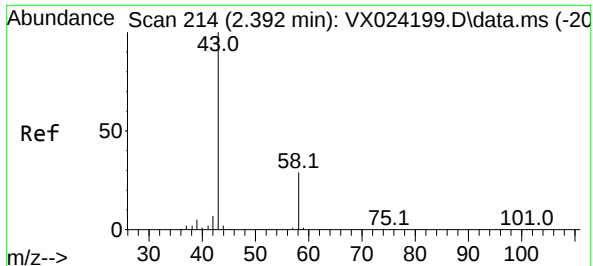
Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

Tgt Ion: 59 Resp: 218
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

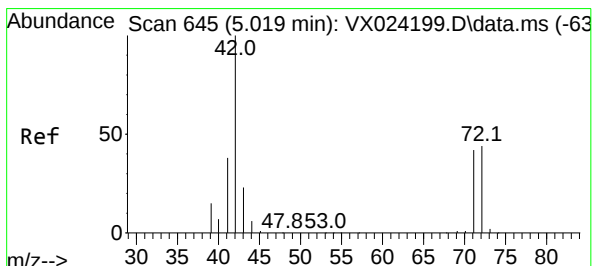
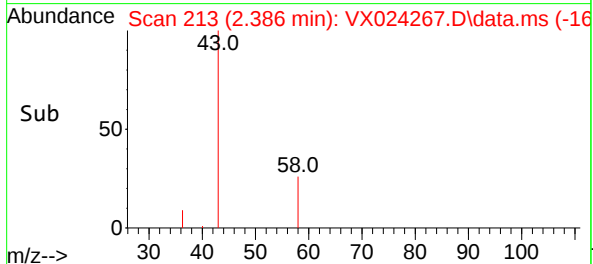
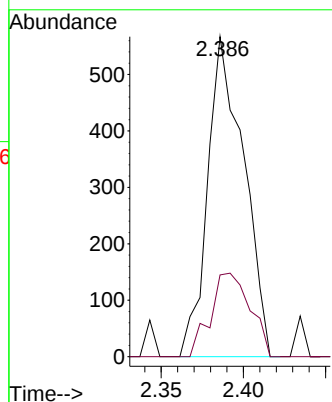
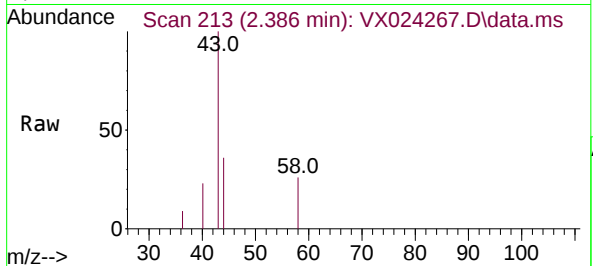




#16
Acetone
Concen: 1.053 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

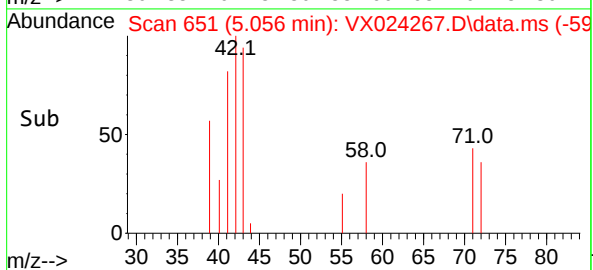
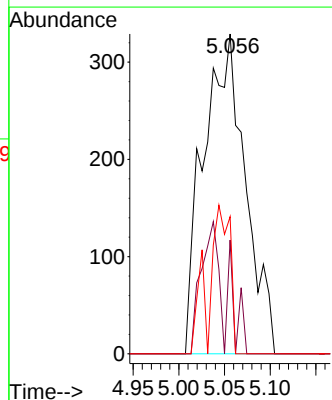
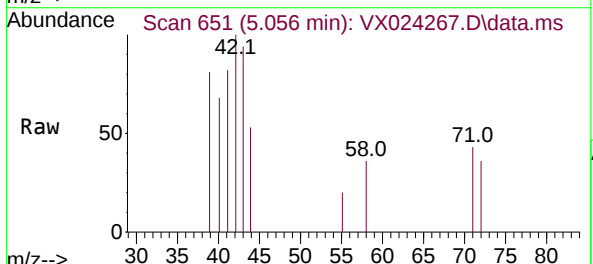
Instrument :
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ClientSampled :
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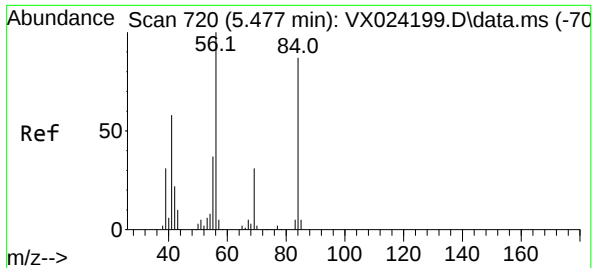
Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 25.6 27.8 41.8#



#29
Tetrahydrofuran
Concen: 1.382 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.037 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

Tgt Ion: 42 Resp: 1048
Ion Ratio Lower Upper
42 100
72 6.5 41.7 62.5#
71 0.0 38.4 57.6#

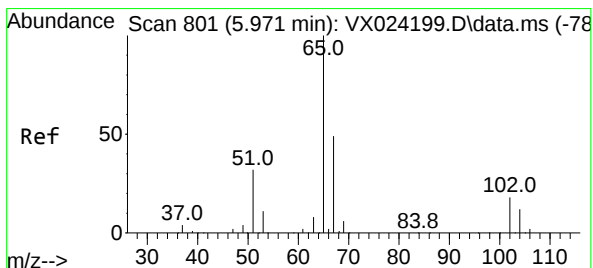
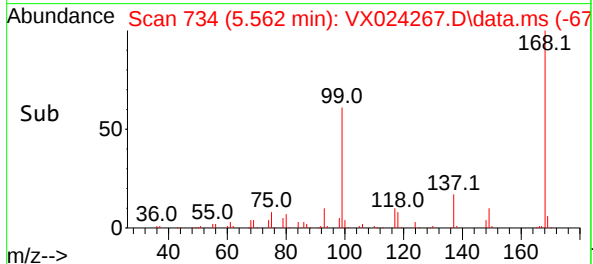
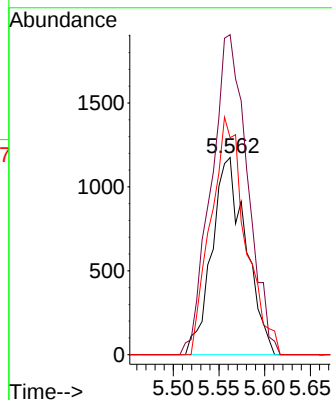
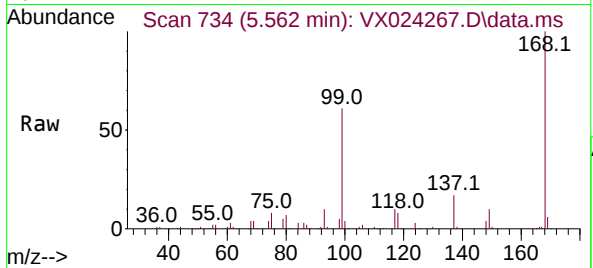




#31
Cyclohexane
Concen: 1.349 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

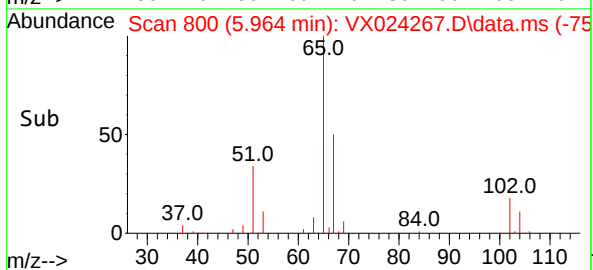
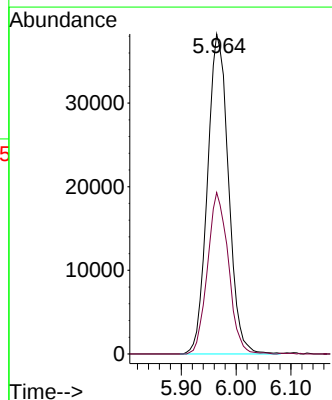
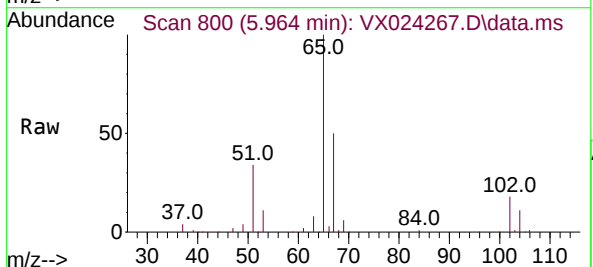
Instrument :
MSVOA_X
ClientSampled :
33133

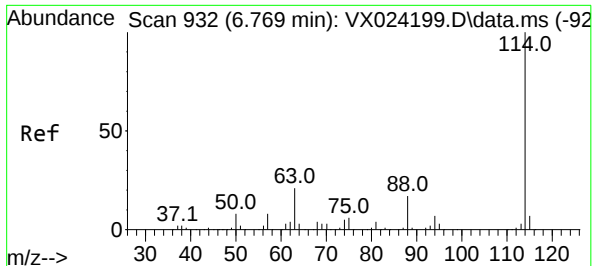
Tgt Ion: 56 Resp: 3045
Ion Ratio Lower Upper
56 100
69 162.3 25.3 37.9#
84 110.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.691 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

Tgt Ion: 65 Resp: 101665
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

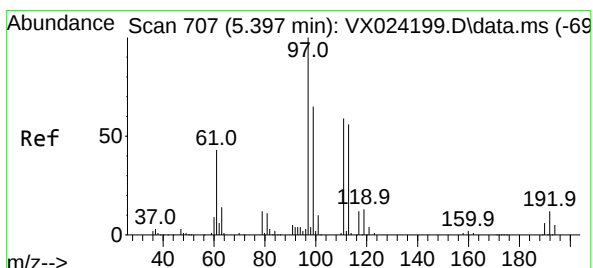
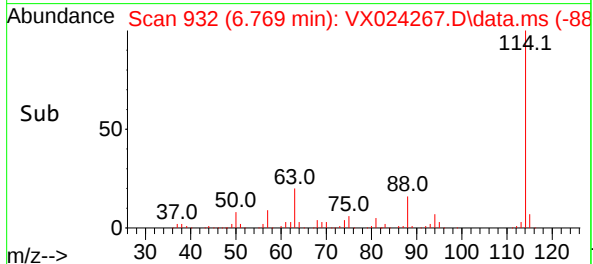
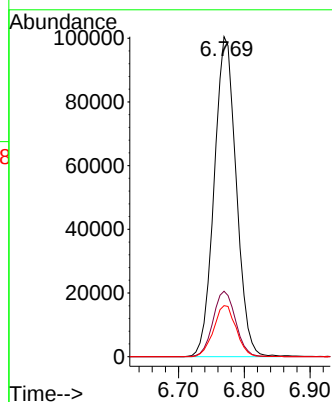
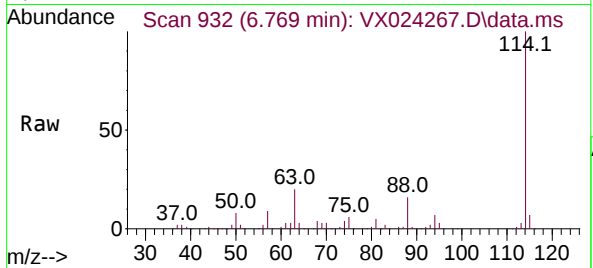




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

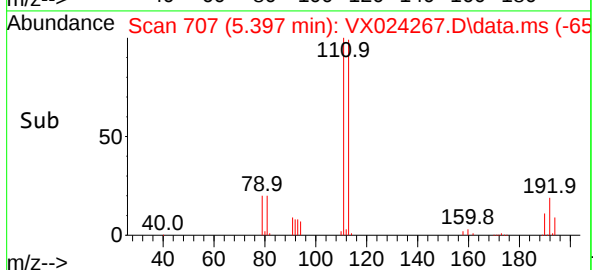
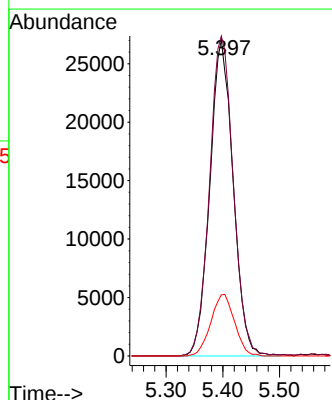
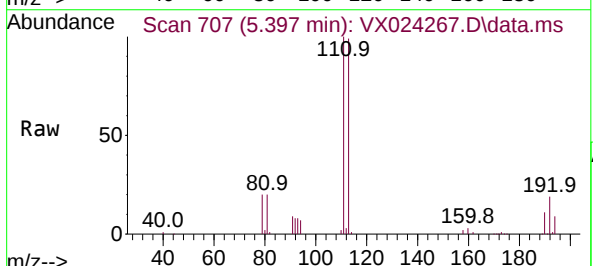
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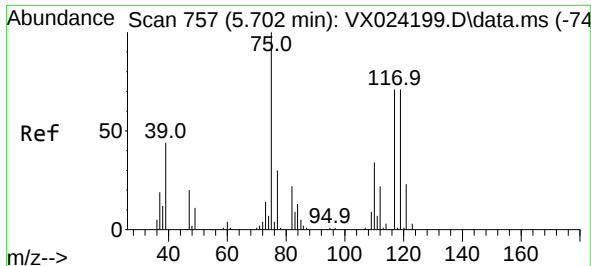
Tgt Ion:114 Resp: 234384
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.023 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

Tgt Ion:113 Resp: 77058
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.8 16.7 25.1

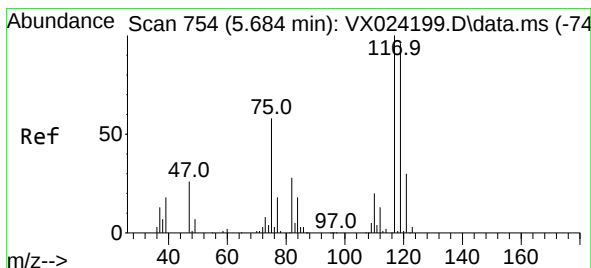
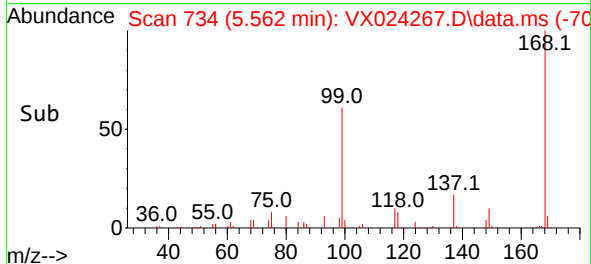
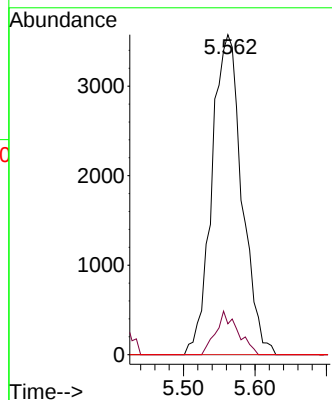
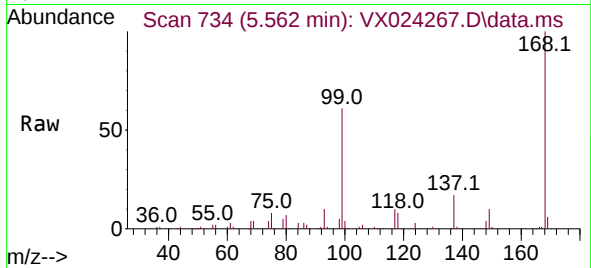




#36
1,1-Dichloropropene
Concen: 4.849 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

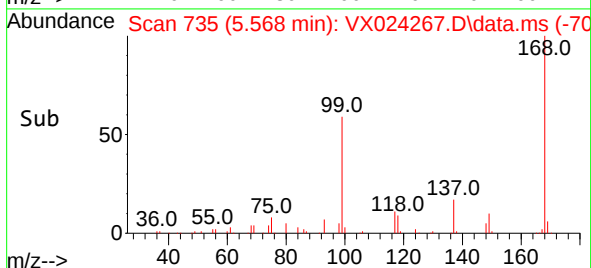
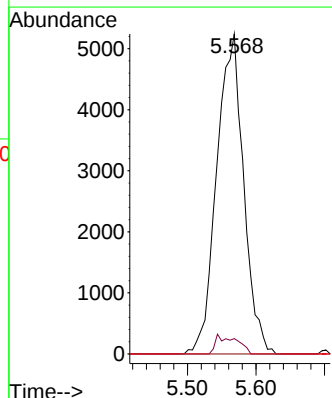
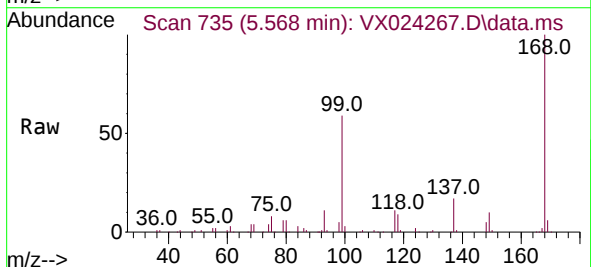
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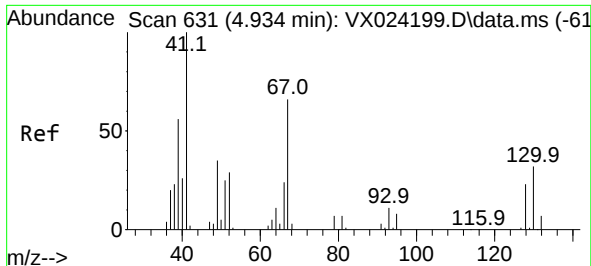
Tgt Ion: 75 Resp: 10449
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.892 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

Tgt Ion: 117 Resp: 14290
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#



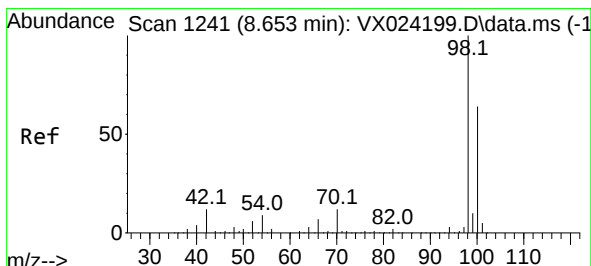
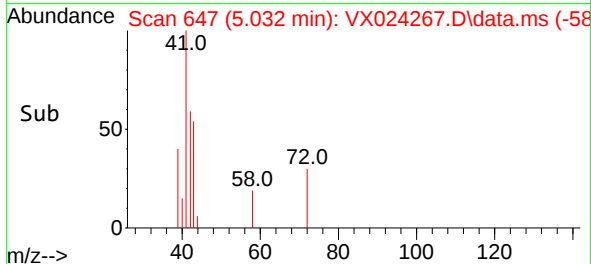
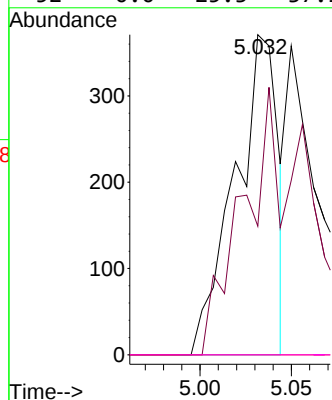
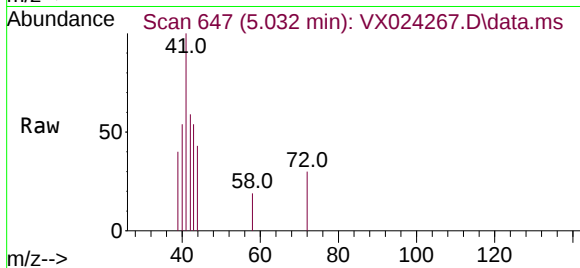


#41
Methacrylonitrile
Concen: 0.455 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.098 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

Instrument :
MSVOA_X
ClientSampled :
33133

Tgt Ion: 41 Resp: 609

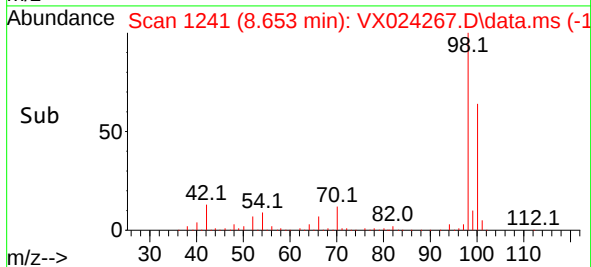
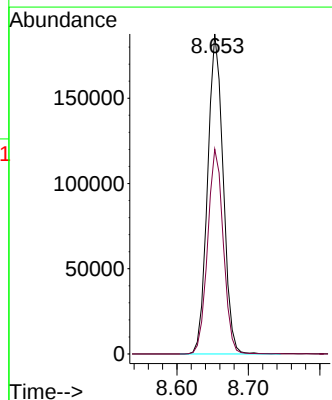
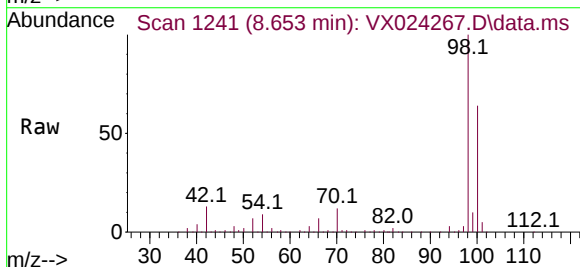
Ion	Ratio	Lower	Upper
41	100		
39	68.3	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

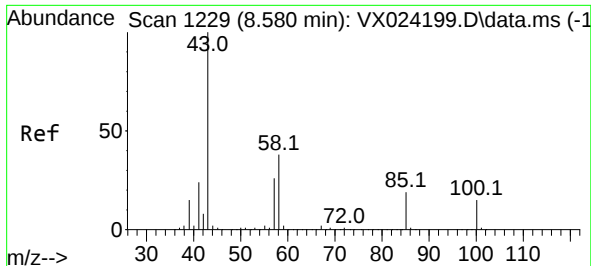


#50
Toluene-d8
Concen: 49.491 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

Tgt Ion: 98 Resp: 283400

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9

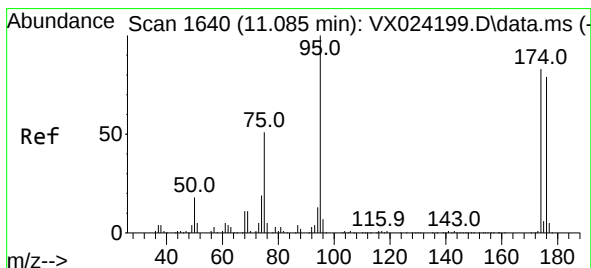
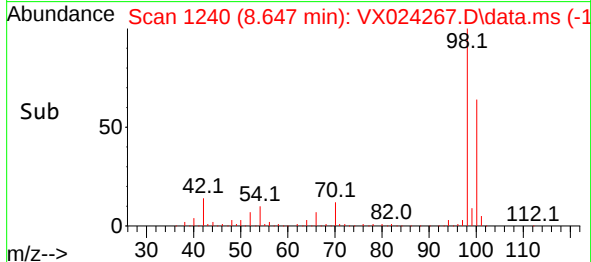
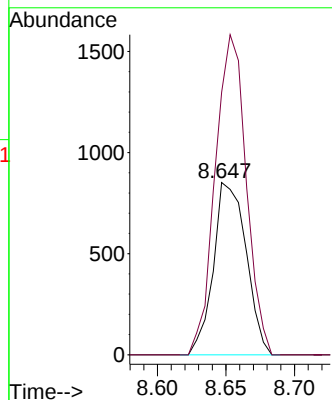
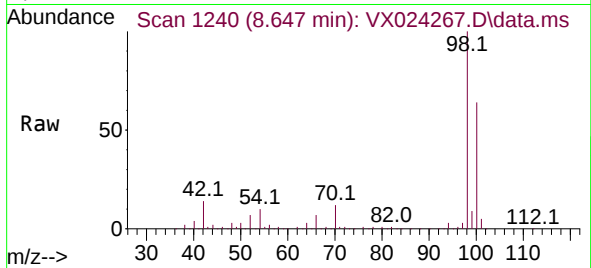




#51
4-Methyl-2-Pentanone
Concen: 0.555 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

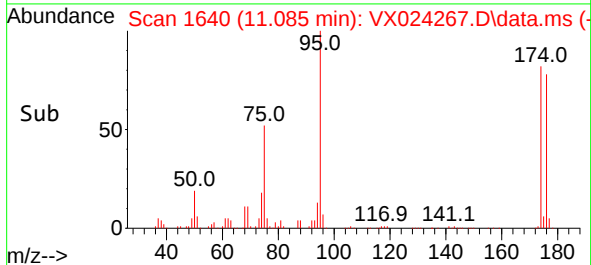
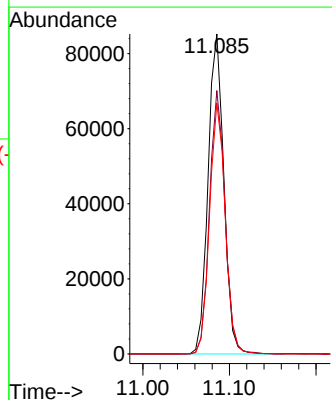
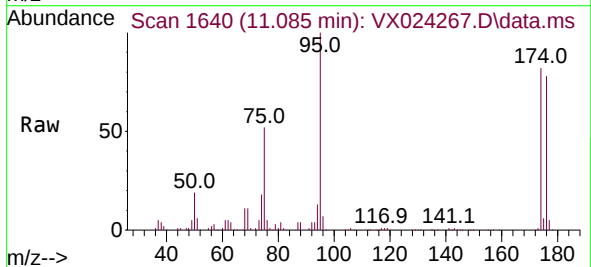
Instrument :
MSVOA_X
ClientSampled :
33133

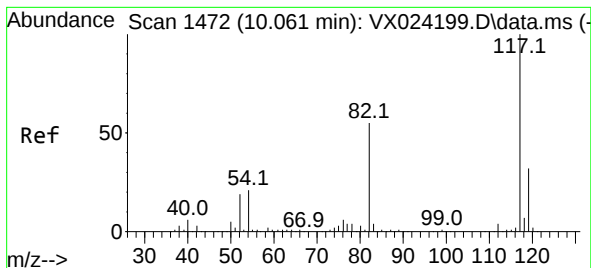
Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
58 176.4 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 48.421 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

Tgt Ion: 95 Resp: 107905
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 77.8 0.0 155.8

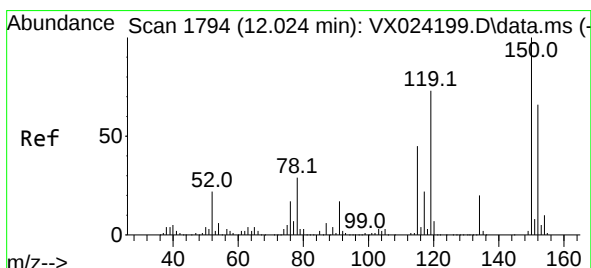
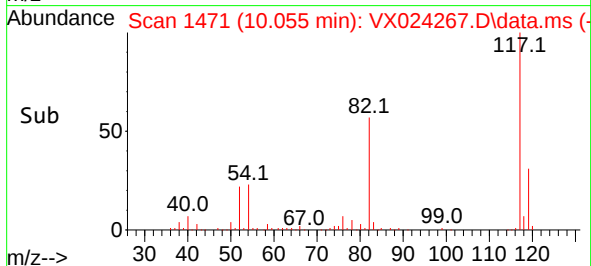
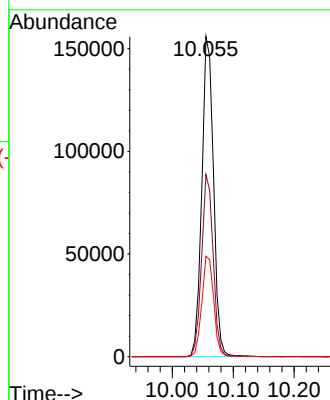
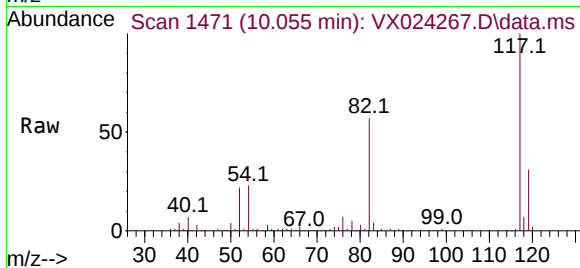




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

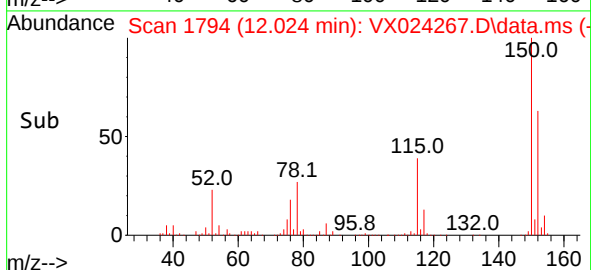
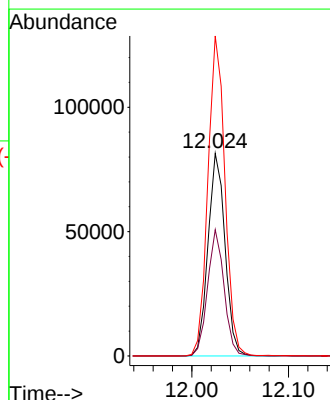
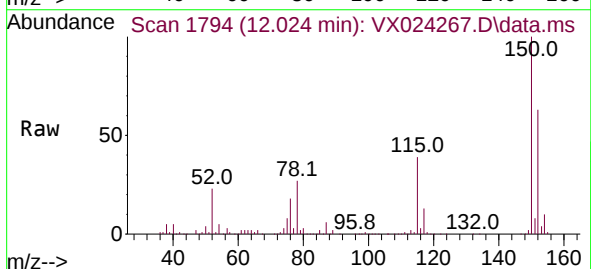
Instrument :
MSVOA_X
ClientSampleId :
33133

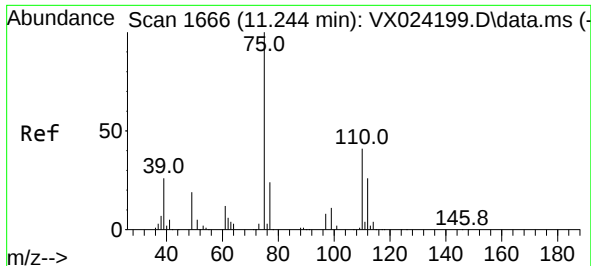
Tgt Ion:117 Resp: 208702
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

Tgt Ion:152 Resp: 99884
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 158.3 0.0 349.0

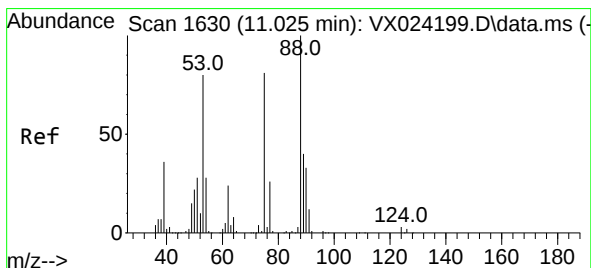
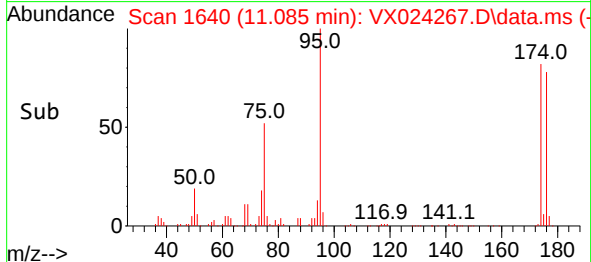
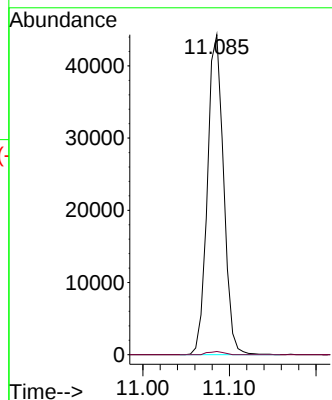
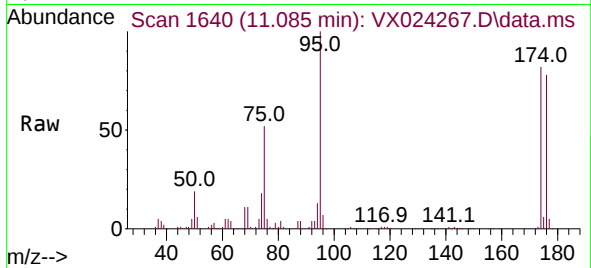




#76
1,2,3-Trichloropropane
Concen: 25.003 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

Instrument :
MSVOA_X
ClientSampled :
33133

Tgt Ion: 75 Resp: 57425
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.534 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024267.D
Acq: 15 Sep 2021 17:48

Tgt Ion: 75 Resp: 57425
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

