

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024271.D
 Acq On : 15 Sep 2021 19:22
 Operator : JC/MD
 Sample : M3753-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 16 04:48:03 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)

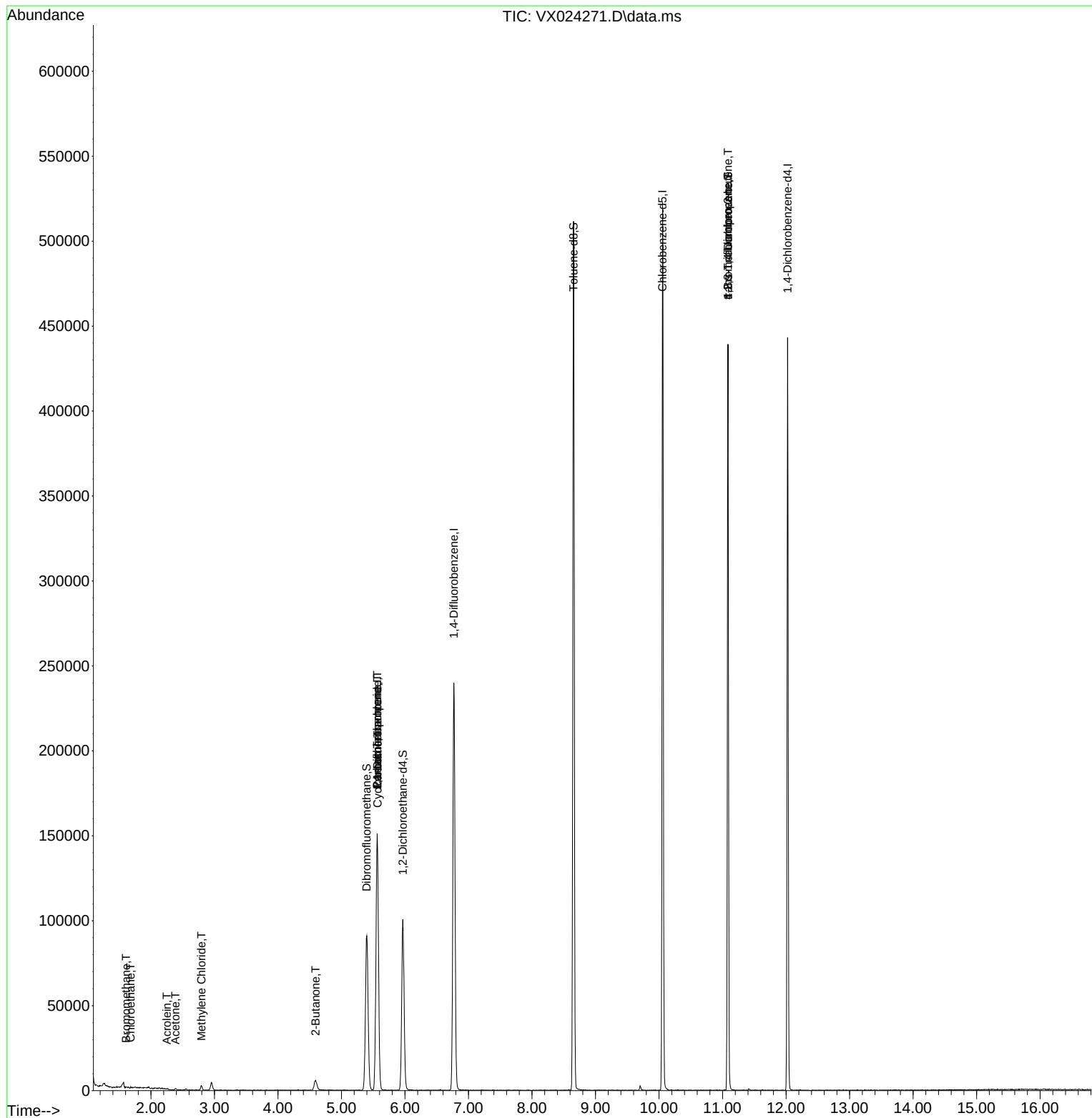
Internal Standards						
1) Pentafluorobenzene	5.562	168	137261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101354	51.783	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.560%			
35) Dibromofluoromethane	5.397	113	78361	49.356	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.720%			
50) Toluene-d8	8.653	98	296645	51.289	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.580%			
62) 4-Bromofluorobenzene	11.085	95	110252	48.982	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.960%			
Target Compounds			Qvalue			
5) Bromomethane	1.605	94	352	0.431	ug/l #	47
6) Chloroethane	1.679	64	63	2.057	ug/l #	43
11) Tert butyl alcohol	2.953	59	2644	Below Cal	#	73
13) Acrolein	2.252	56	42	0.326	ug/l #	78
16) Acetone	2.386	43	917	1.099	ug/l #	71
20) Methylene Chloride	2.794	84	1103	0.688	ug/l #	75
25) 2-Butanone	4.593	43	346	0.281	ug/l #	45
31) Cyclohexane	5.568	56	3126	1.365	ug/l #	17
36) 1,1-Dichloropropene	5.562	75	11082	5.091	ug/l #	51
38) Carbon Tetrachloride	5.562	117	14423	5.887	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	58985	29.083	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58985	85.533	ug/l #	12

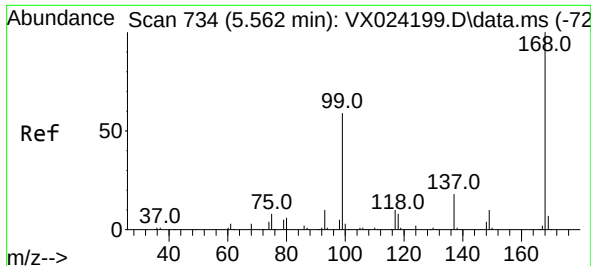
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
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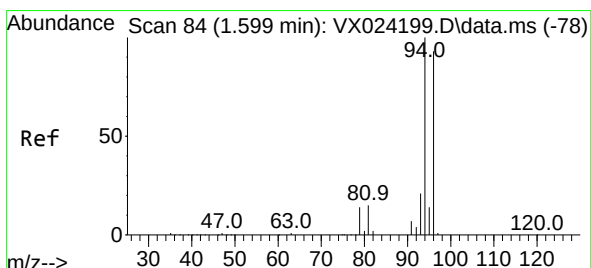
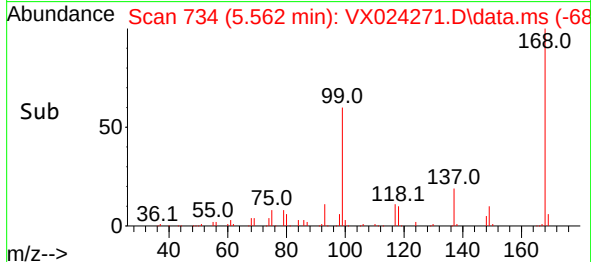
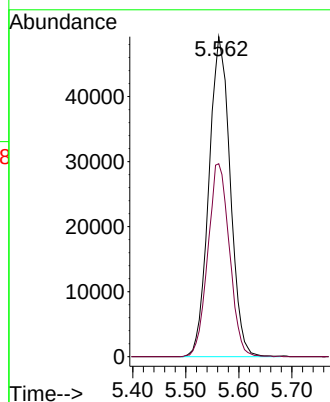
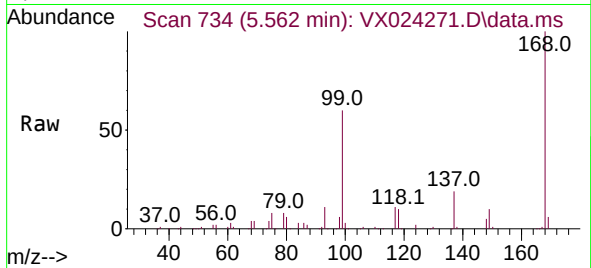




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

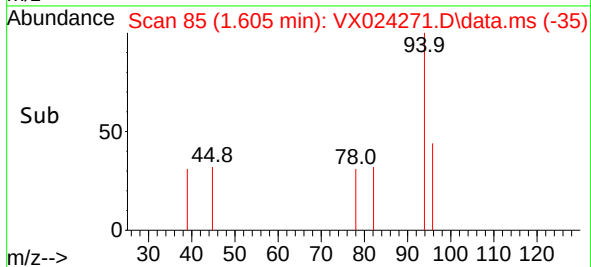
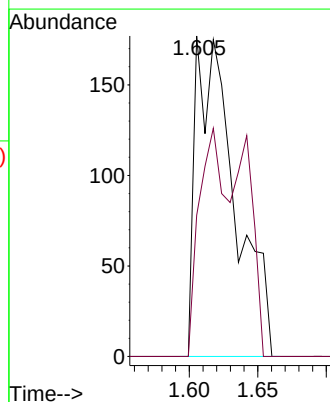
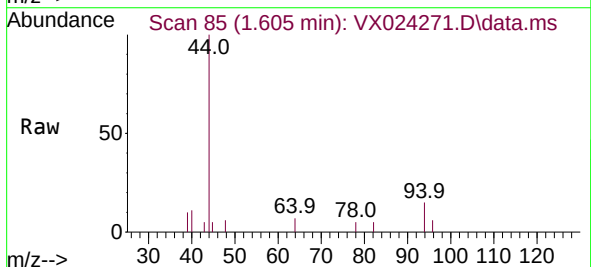
Instrument :
MSVOA_X
ClientSampleId :
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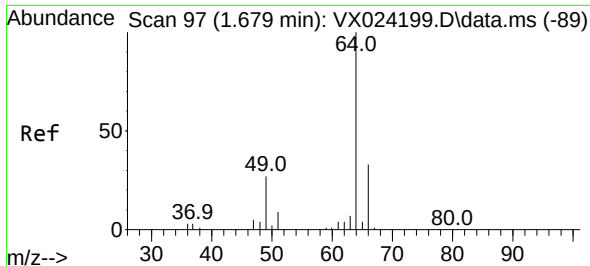
Tgt Ion:168 Resp: 137261
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#5
Bromomethane
Concen: 0.431 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

Tgt Ion: 94 Resp: 352
Ion Ratio Lower Upper
94 100
96 44.1 76.4 114.6#

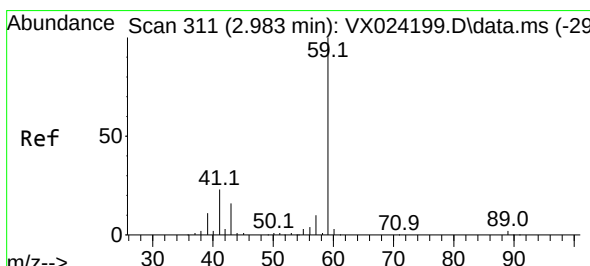
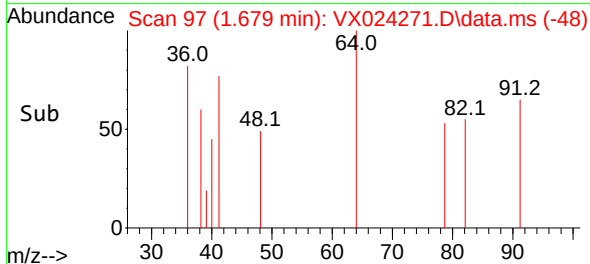
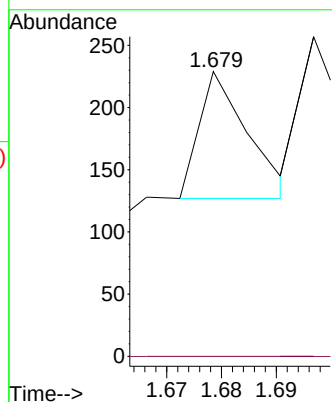
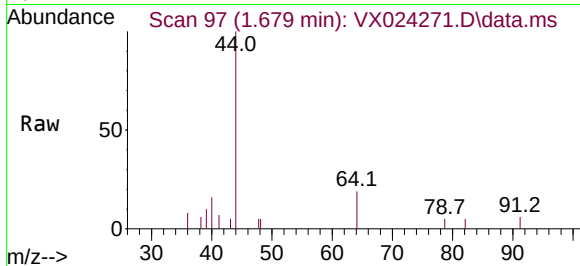




#6
Chloroethane
Concen: 2.057 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

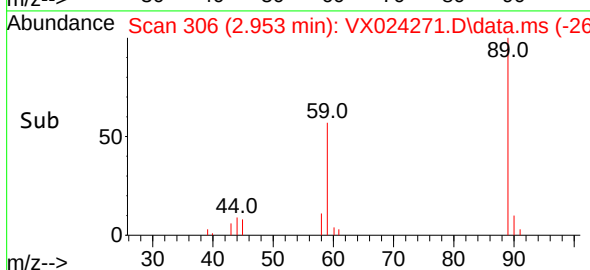
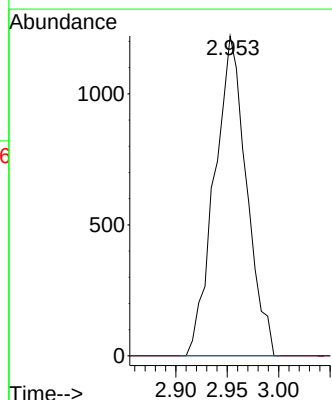
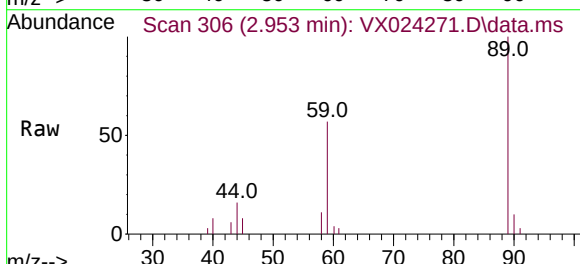
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

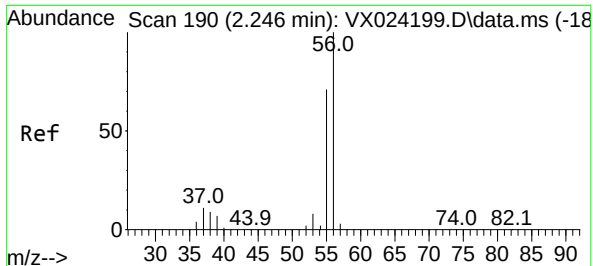
Tgt Ion: 64 Resp: 63
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

Tgt Ion: 59 Resp: 2644
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

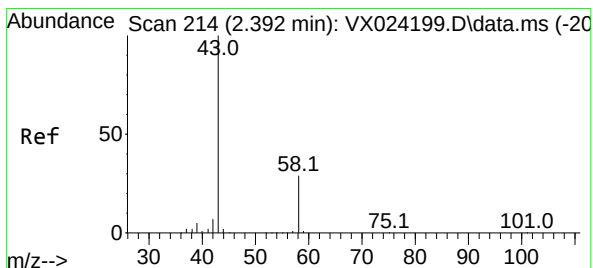
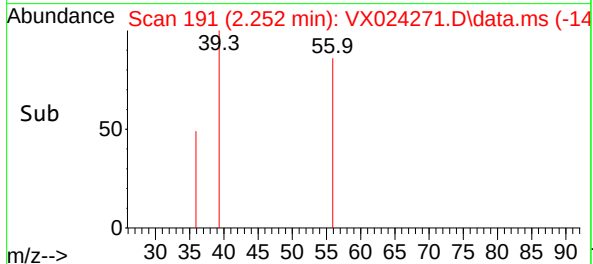
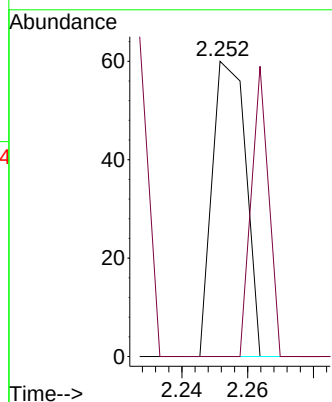
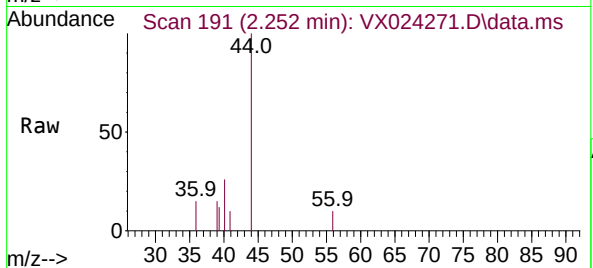




#13
Acrolein
Concen: 0.326 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

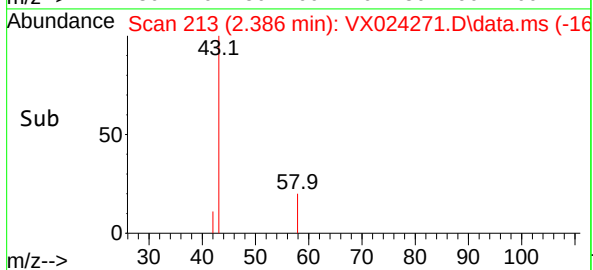
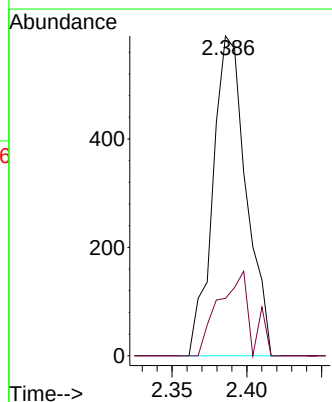
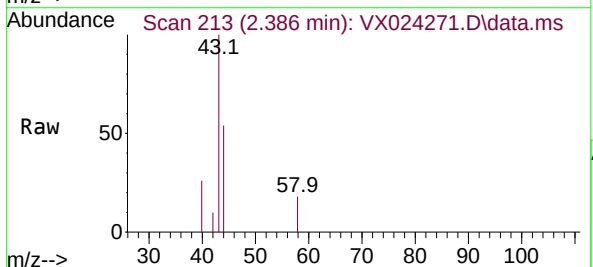
Instrument :
MSVOA_X
ClientSampleId :
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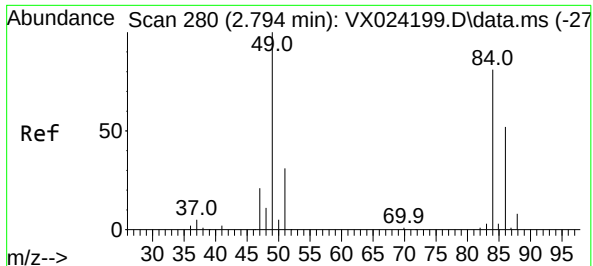
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 52.4 56.4 84.6#



#16
Acetone
Concen: 1.099 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
58 18.0 27.8 41.8#





#20

Methylene Chloride

Concen: 0.688 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024271.D

Acq: 15 Sep 2021 19:22

Tgt Ion: 84 Resp: 1103

Ion Ratio Lower Upper

84 100

49 144.0 88.6 132.8#

51 41.8 27.0 40.6#

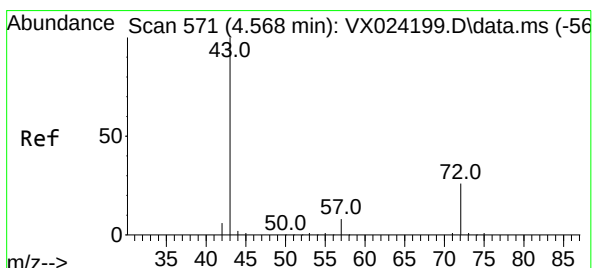
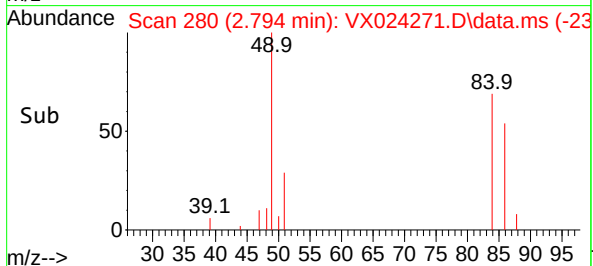
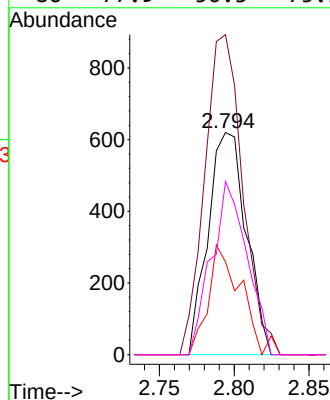
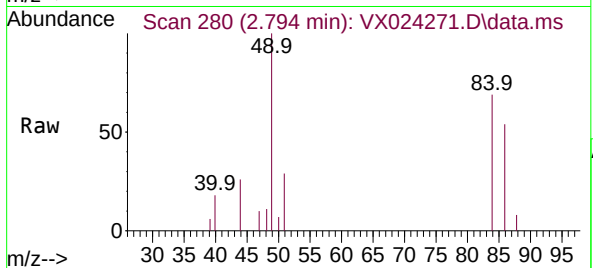
86 77.9 50.3 75.5#

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK



#25

2-Butanone

Concen: 0.281 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.025 min

Lab File: VX024271.D

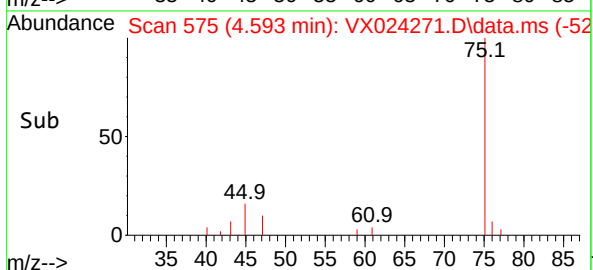
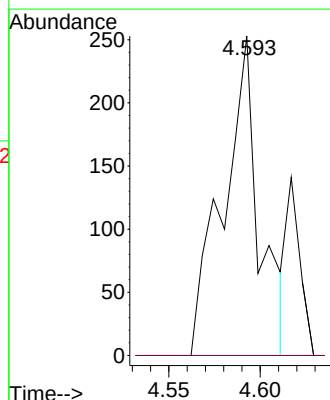
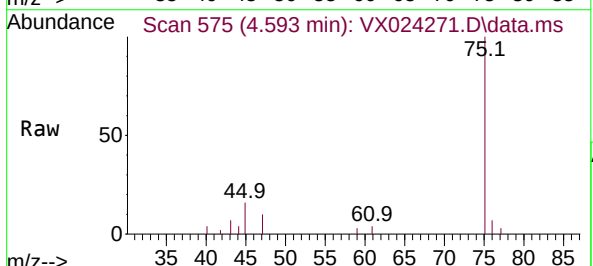
Acq: 15 Sep 2021 19:22

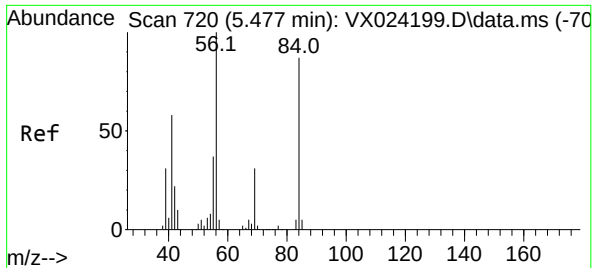
Tgt Ion: 43 Resp: 346

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

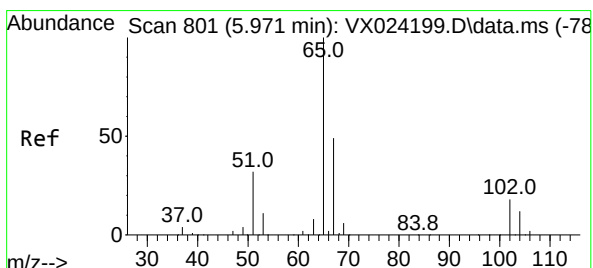
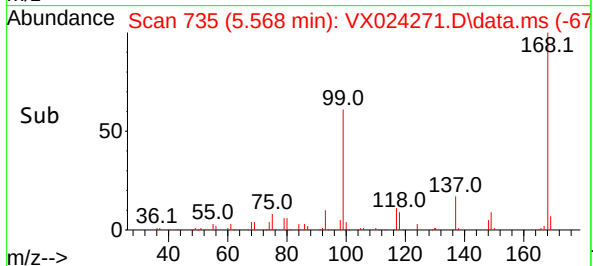
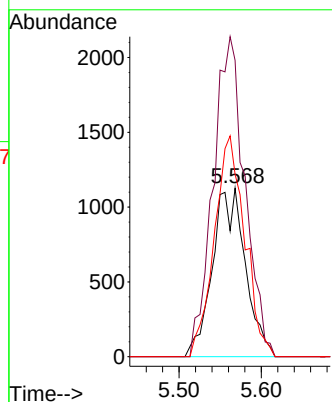
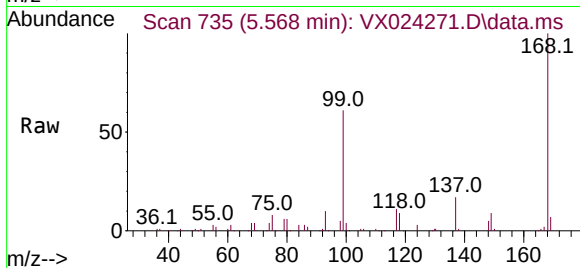




#31
Cyclohexane
Concen: 1.365 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

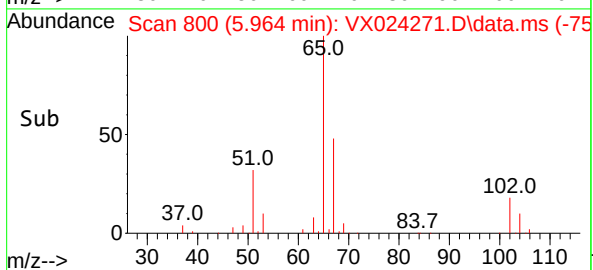
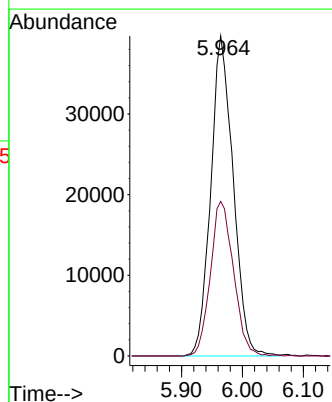
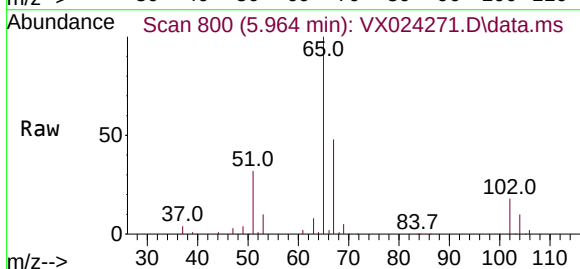
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MSVOA_X
ClientSampleId :
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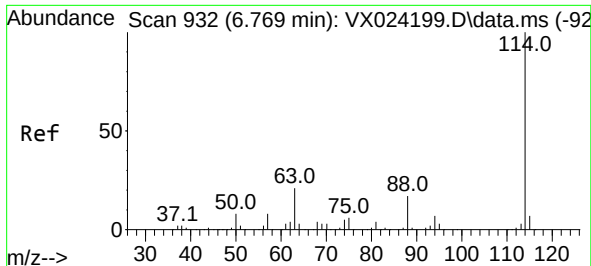
Tgt Ion: 56 Resp: 3126
Ion Ratio Lower Upper
56 100
69 175.9 25.3 37.9#
84 108.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.783 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

Tgt Ion: 65 Resp: 101354
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

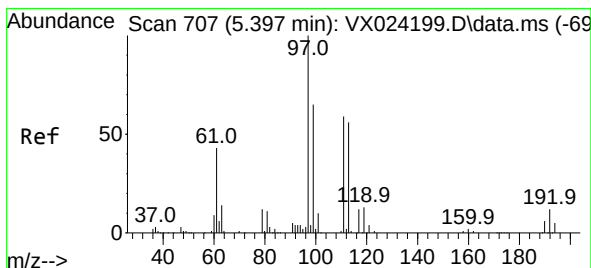
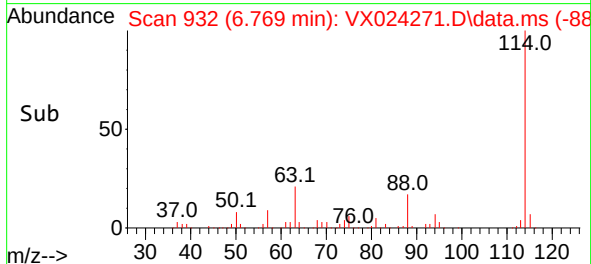
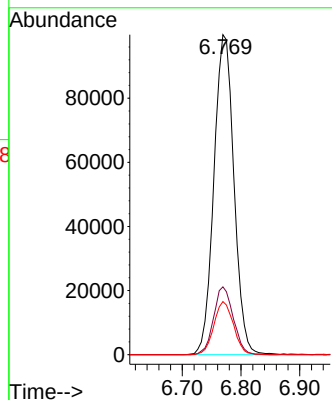
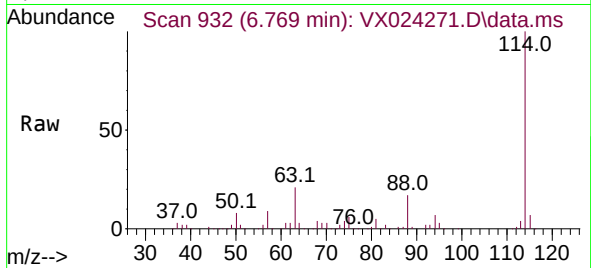




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

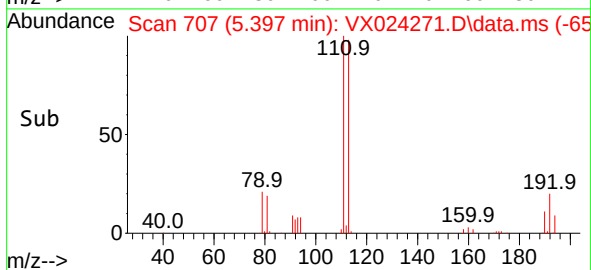
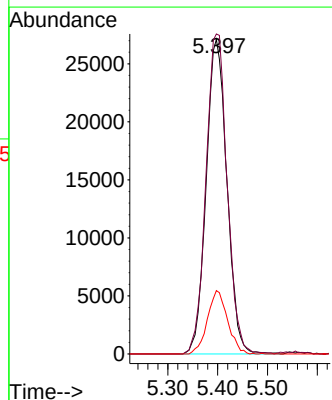
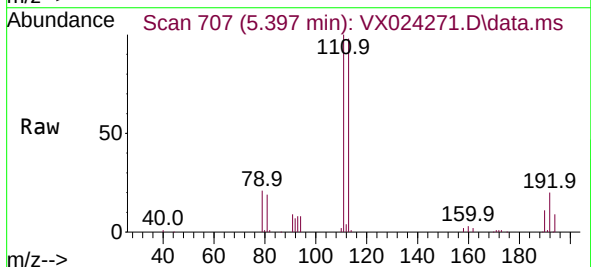
Instrument :
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ClientSampleId :
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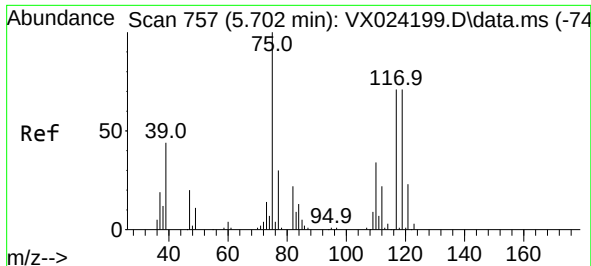
Tgt Ion:114 Resp: 236739
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.356 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

Tgt Ion:113 Resp: 78361
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 19.6 16.7 25.1

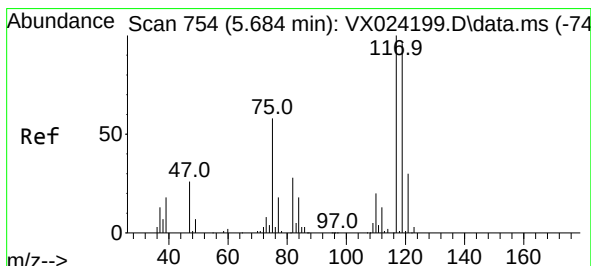
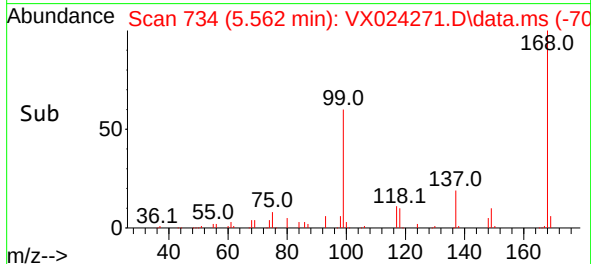
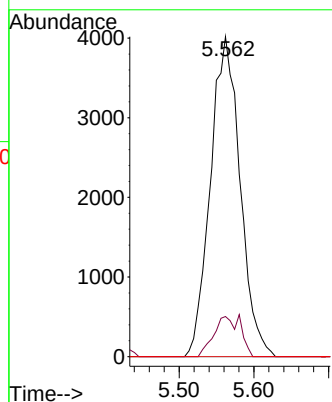
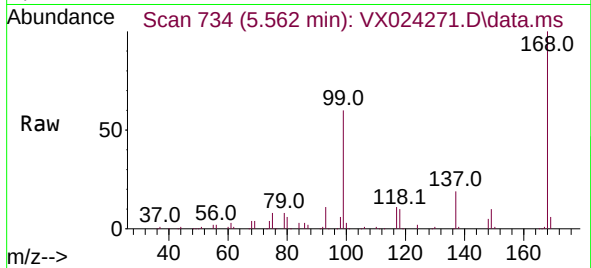




#36
1,1-Dichloropropene
Concen: 5.091 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

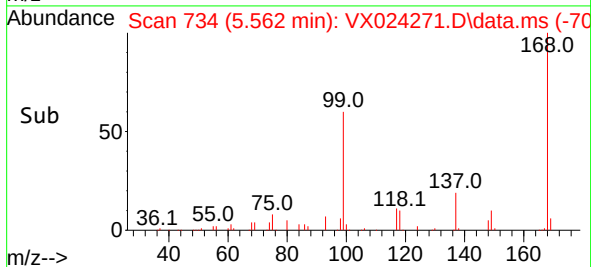
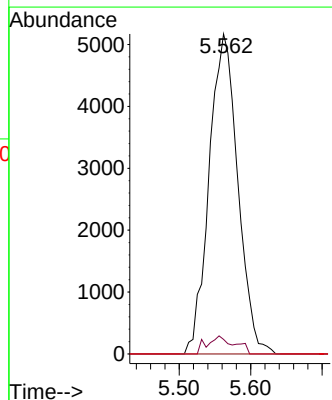
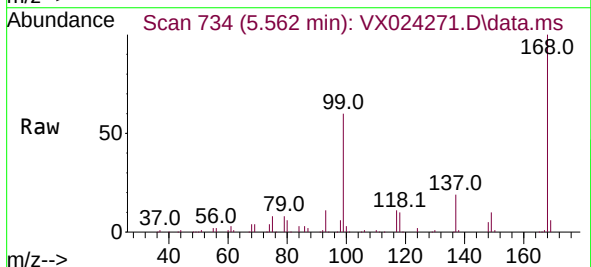
Instrument :
MSVOA_X
ClientSampleId :
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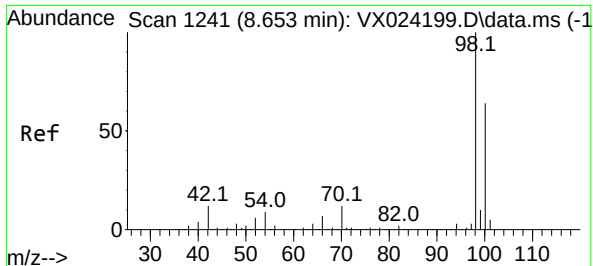
Tgt Ion: 75 Resp: 11082
Ion Ratio Lower Upper
75 100
110 11.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.887 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

Tgt Ion: 117 Resp: 14423
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 51.289 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024271.D

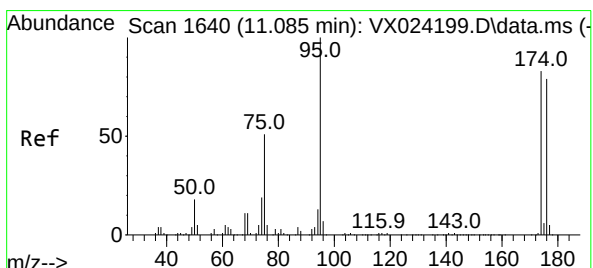
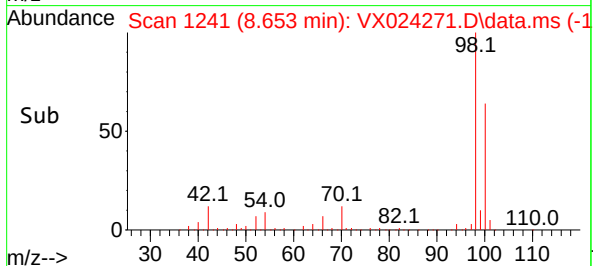
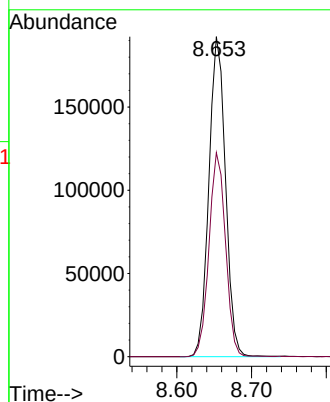
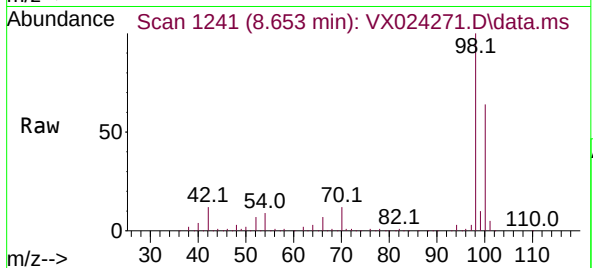
Acq: 15 Sep 2021 19:22

Tgt Ion: 98 Resp: 296645

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 48.982 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024271.D

Acq: 15 Sep 2021 19:22

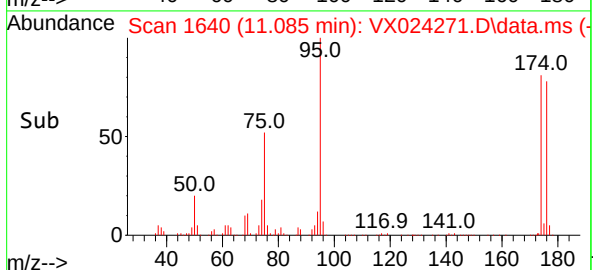
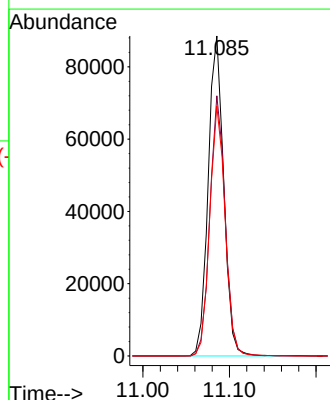
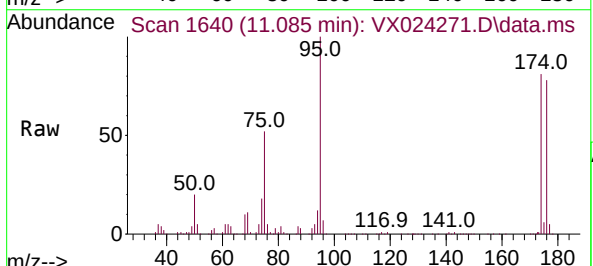
Tgt Ion: 95 Resp: 110252

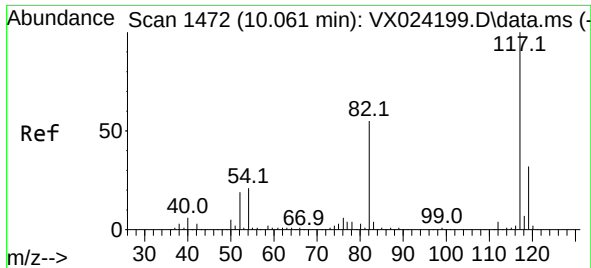
Ion Ratio Lower Upper

95 100

174 80.1 0.0 154.6

176 77.5 0.0 155.8

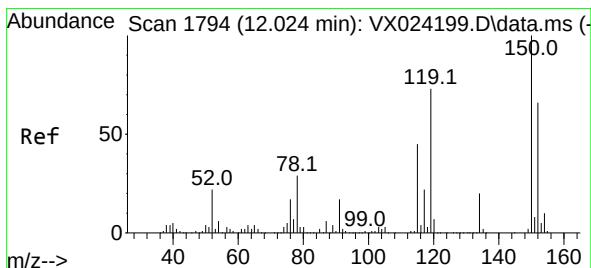
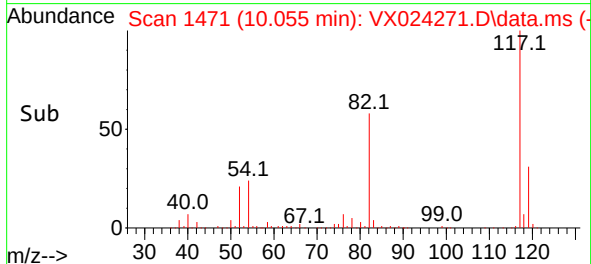
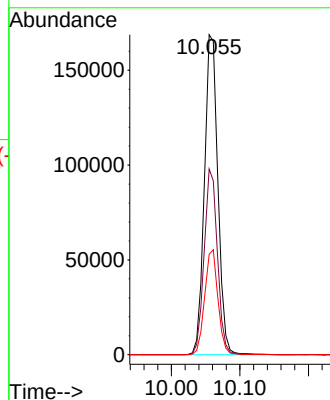
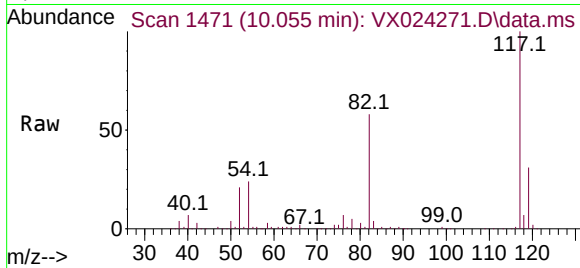




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

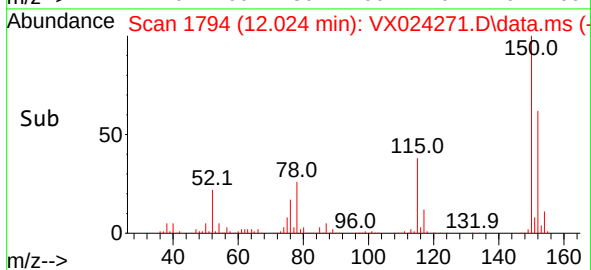
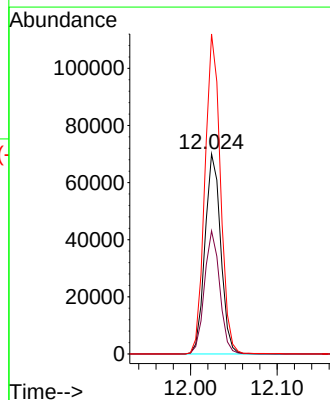
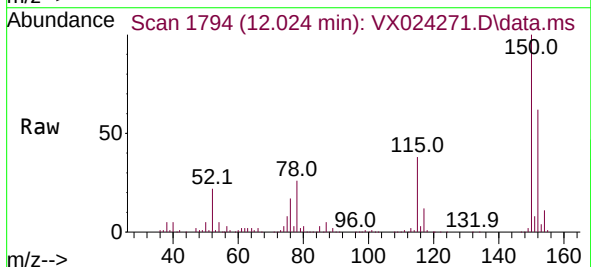
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

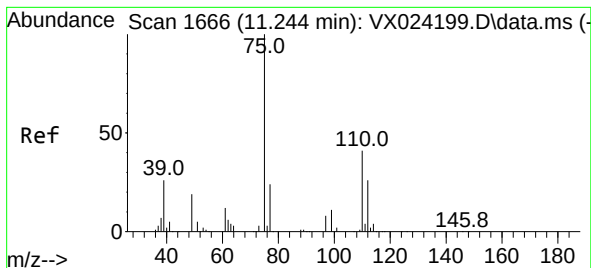
Tgt Ion:117 Resp: 231447
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024271.D
Acq: 15 Sep 2021 19:22

Tgt Ion:152 Resp: 88204
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 157.9 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 29.083 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX024271.D

Acq: 15 Sep 2021 19:22

Tgt Ion: 75 Resp: 58985

Ion Ratio Lower Upper

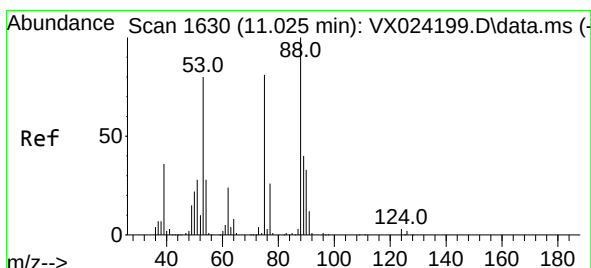
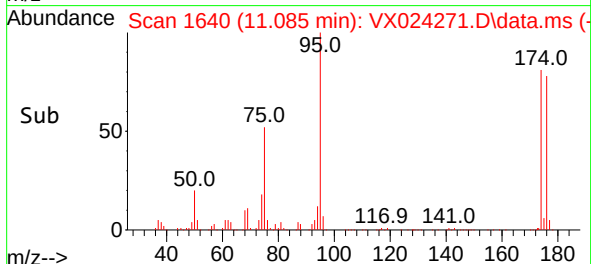
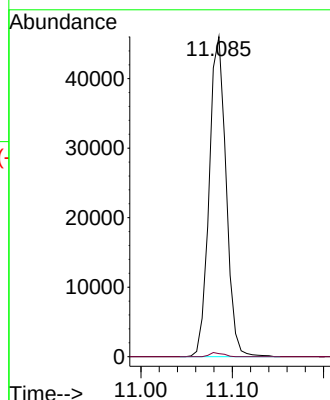
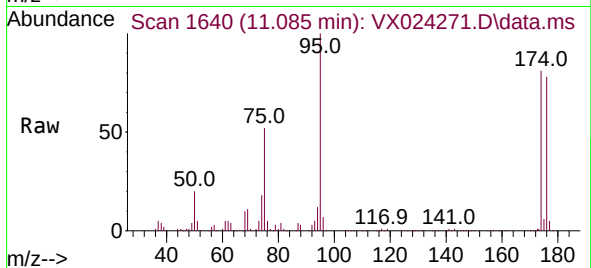
75 100
77 1.0 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK



#81

trans-1,4-Dichloro-2-butene

Concen: 85.533 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX024271.D

Acq: 15 Sep 2021 19:22

Tgt Ion: 75 Resp: 58985

Ion Ratio Lower Upper

75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

