

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024799.D
 Acq On : 13 Oct 2021 21:32
 Operator : JC/MD
 Sample : M4170-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANKRE

Quant Time: Oct 14 03:58:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

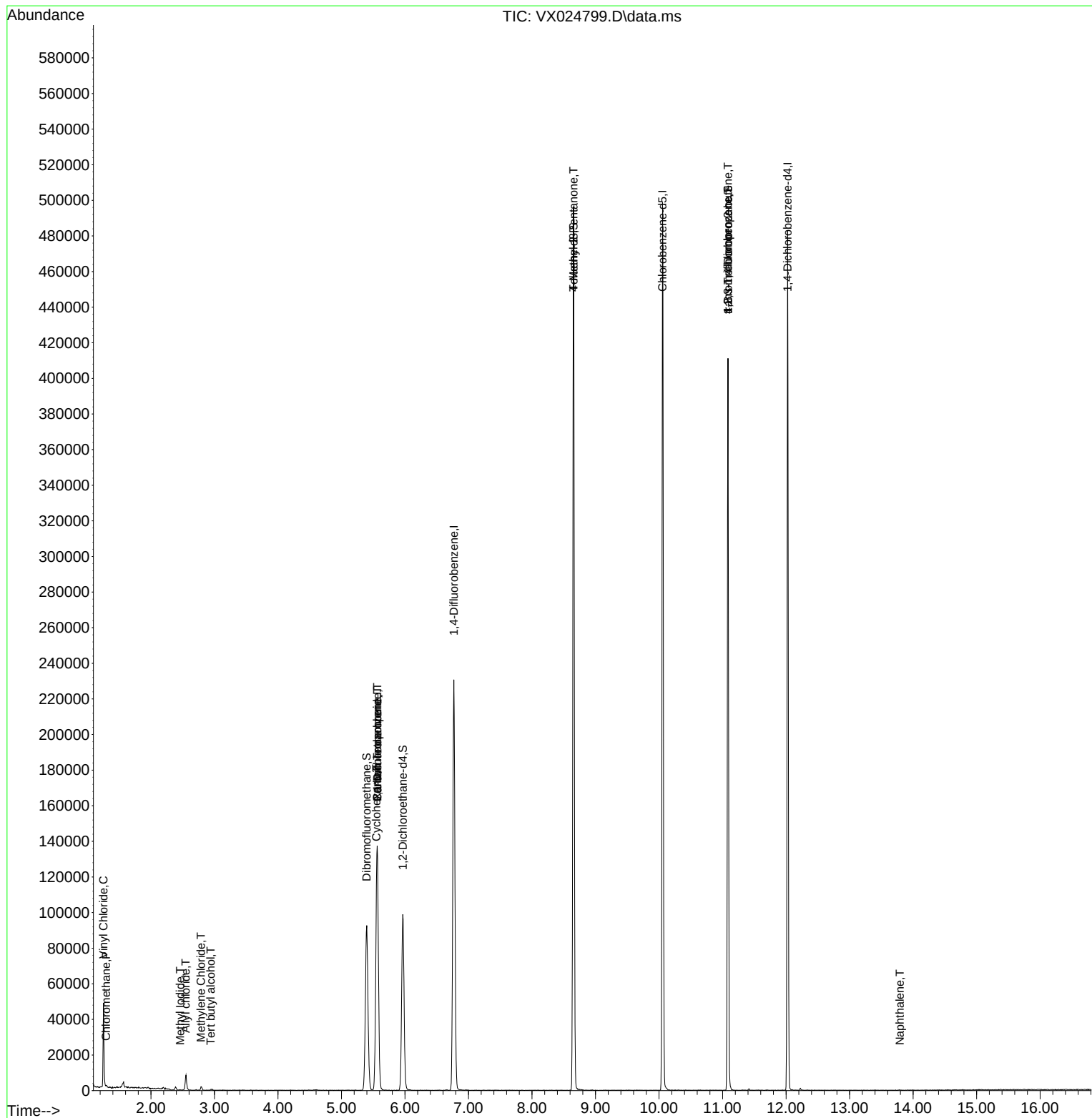
Internal Standards						
1) Pentafluorobenzene	5.562	168	126886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100232	64.270	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 128.540%#		
35) Dibromofluoromethane	5.397	113	78576	58.100	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 116.200%		
50) Toluene-d8	8.653	98	283606	56.691	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 113.380%#		
62) 4-Bromofluorobenzene	11.085	95	105959	53.853	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.700%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	565	0.480	ug/l #	87
4) Vinyl Chloride	1.252	62	325	0.267	ug/l #	1
5) Bromomethane	1.611	94	322	Below Cal	#	73
10) Methyl Iodide	2.459	142	299	1.106	ug/l #	64
11) Tert butyl alcohol	2.940	59	346	1.053	ug/l #	72
14) Allyl chloride	2.544	41	819	0.410	ug/l #	46
16) Acetone	2.386	43	1863	Below Cal	#	74
20) Methylene Chloride	2.788	84	866	0.655	ug/l	91
31) Cyclohexane	5.550	56	2767	1.332	ug/l #	23
36) 1,1-Dichloropropene	5.562	75	10414	5.180	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13625	6.048	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1148	0.483	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55965	27.662	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	55965	74.434	ug/l #	9
95) Naphthalene	13.792	128	131	0.274	ug/l #	69

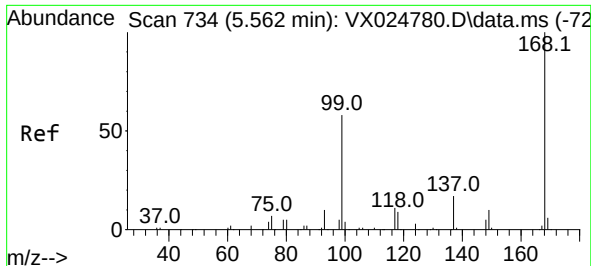
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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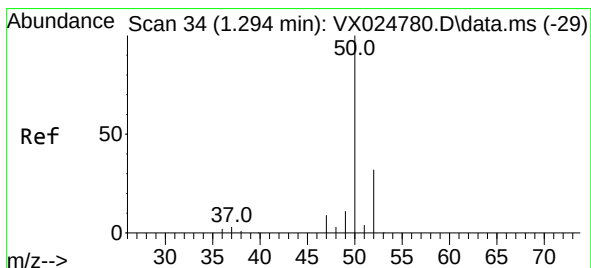
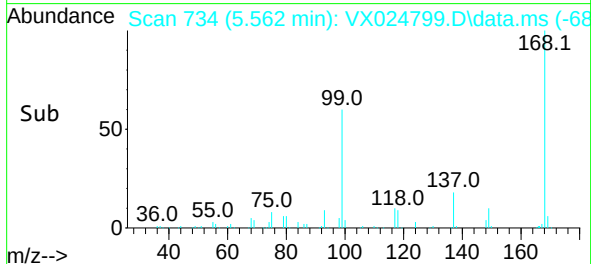
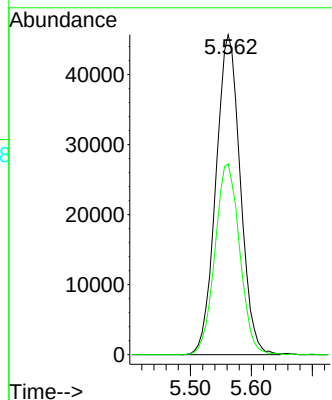
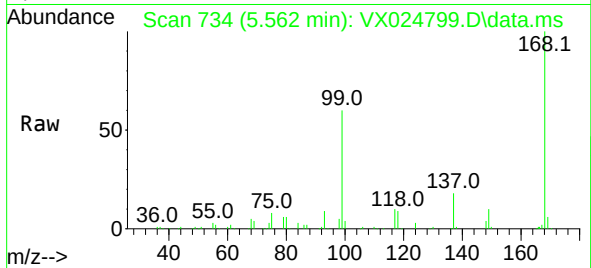




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

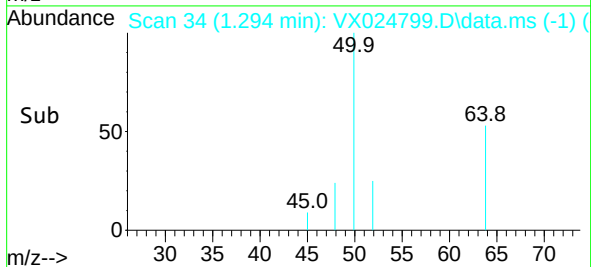
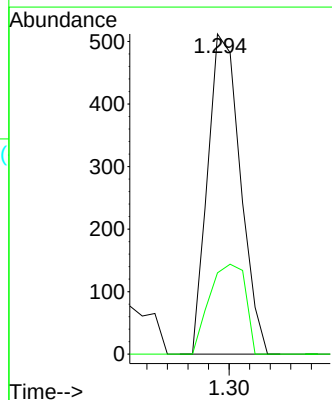
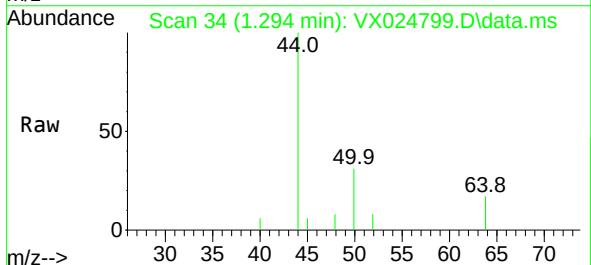
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

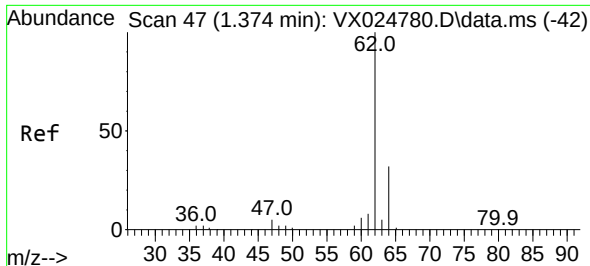
Tgt Ion:168 Resp: 126886
Ion Ratio Lower Upper
168 100
99 59.7 46.4 69.6



#3
Chloromethane
Concen: 0.480 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

Tgt Ion: 50 Resp: 565
Ion Ratio Lower Upper
50 100
52 25.4 25.9 38.9#

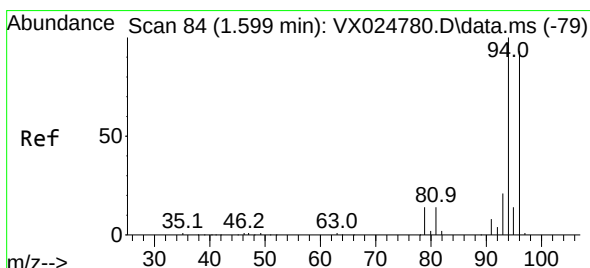
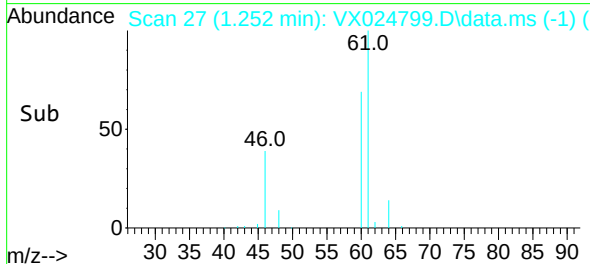
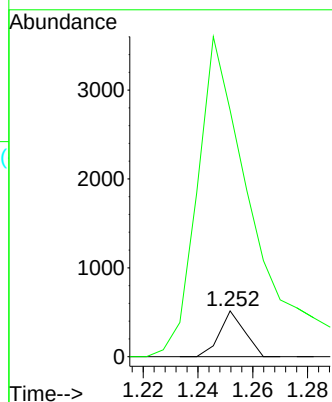
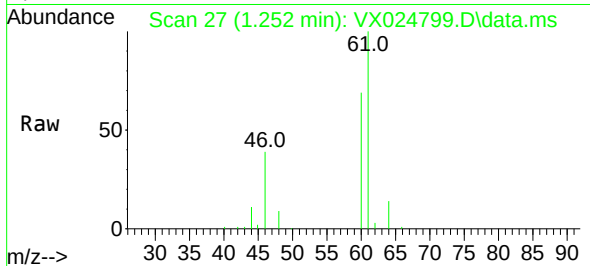




#4
 Vinyl Chloride
 Concen: 0.267 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX024799.D
 Acq: 13 Oct 2021 21:32

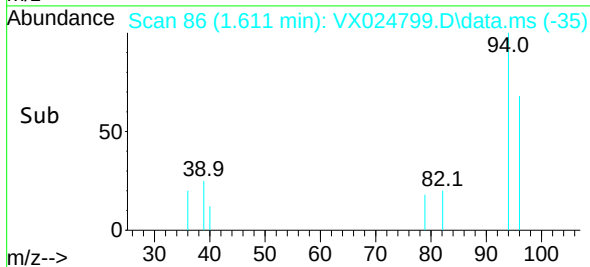
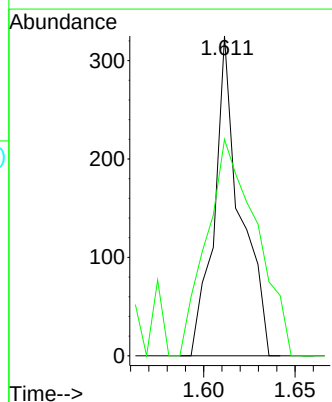
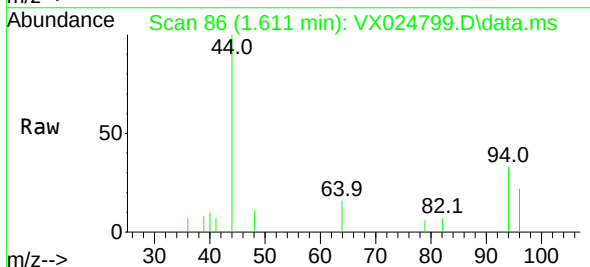
Instrument :
 MSVOA_X
 ClientSampleID :
 TRIP-BLANKRE

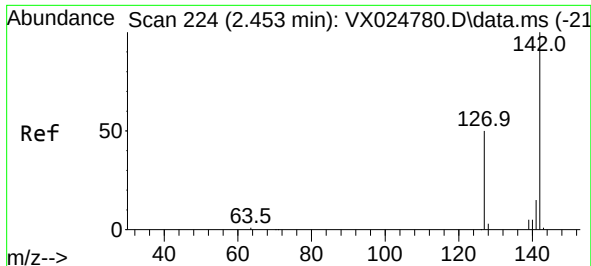
Tgt Ion: 62 Resp: 325
 Ion Ratio Lower Upper
 62 100
 64 463.7 26.0 39.0#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX024799.D
 Acq: 13 Oct 2021 21:32

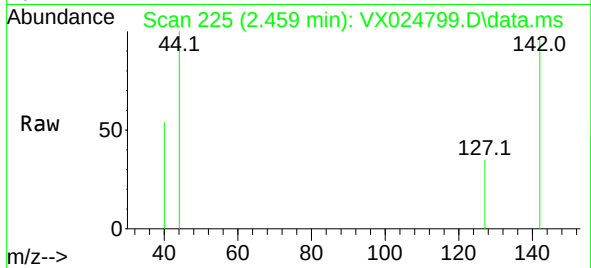
Tgt Ion: 94 Resp: 322
 Ion Ratio Lower Upper
 94 100
 96 67.7 74.8 112.2#



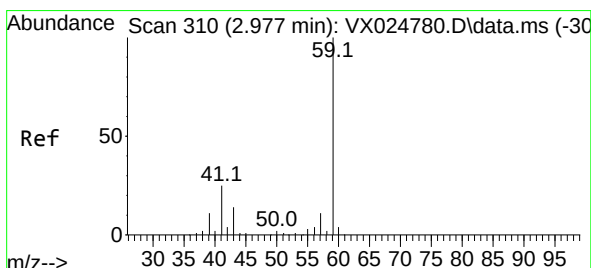
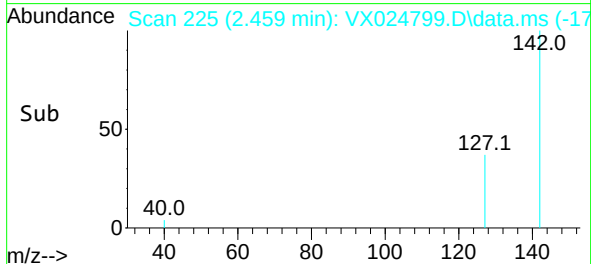
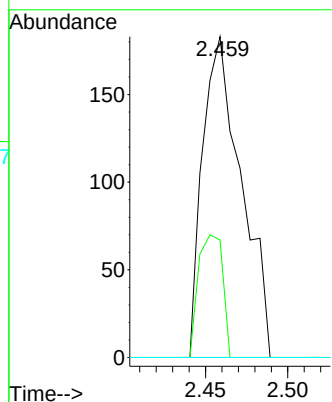


#10
Methyl Iodide
Concen: 1.106 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

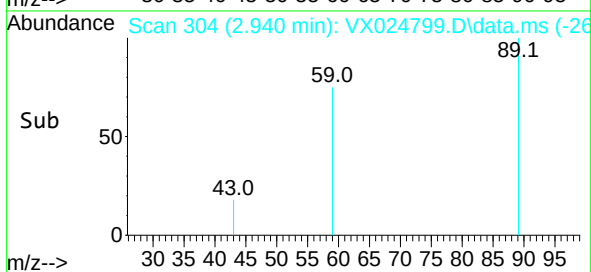
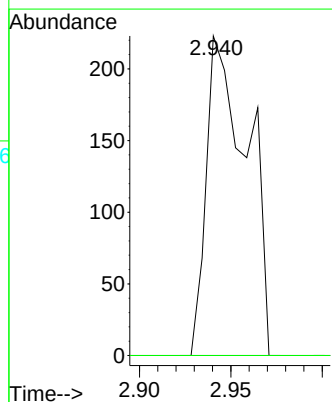
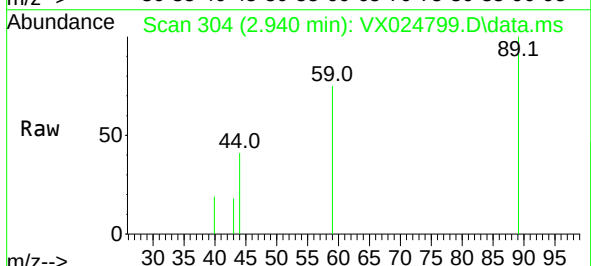


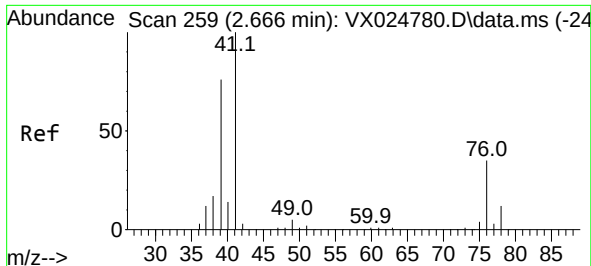
Tgt Ion:142 Resp: 299
Ion Ratio Lower Upper
142 100
127 24.1 38.9 58.3#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 1.053 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

Tgt Ion: 59 Resp: 346
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

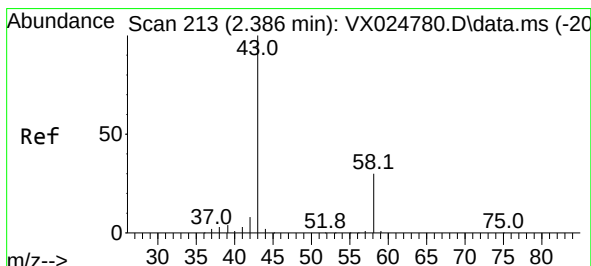
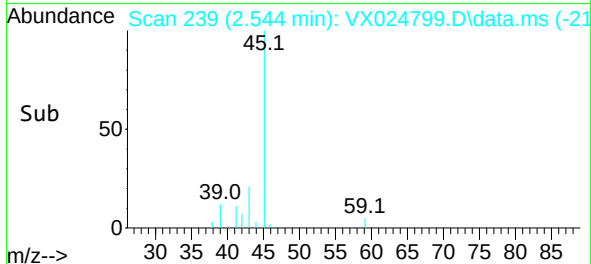
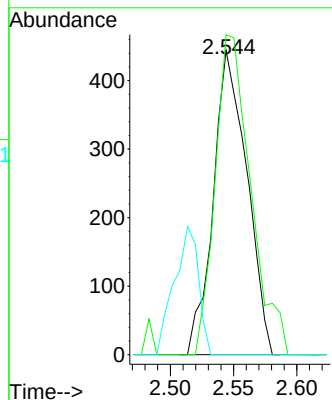
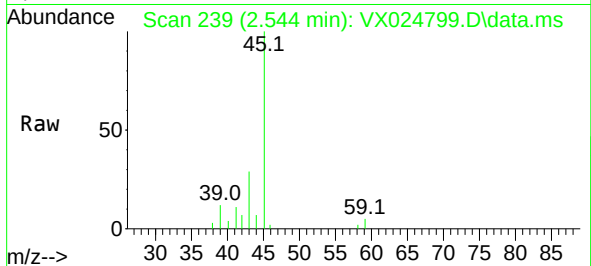




#14
 Allyl chloride
 Concen: 0.410 ug/l
 RT: 2.544 min Scan# 239
 Delta R.T. -0.122 min
 Lab File: VX024799.D
 Acq: 13 Oct 2021 21:32

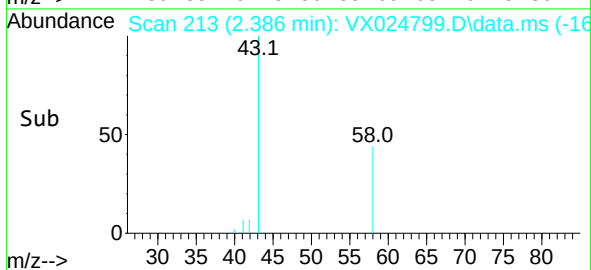
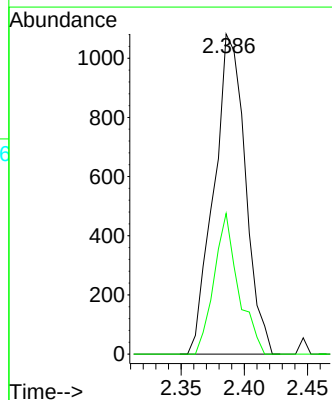
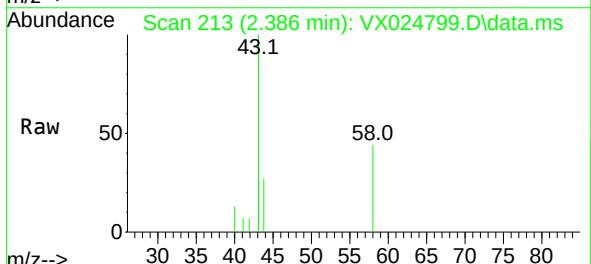
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANKRE

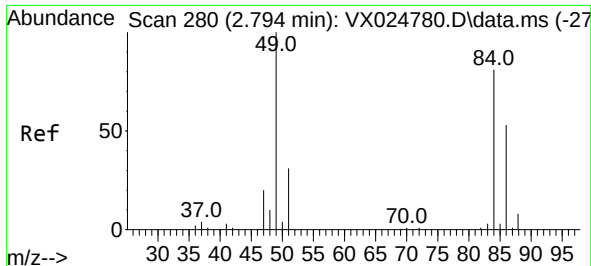
Tgt Ion: 41 Resp: 819
 Ion Ratio Lower Upper
 41 100
 39 111.1 54.6 82.0#
 76 0.0 25.3 37.9#



#16
 Acetone
 Concen: Below Cal
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX024799.D
 Acq: 13 Oct 2021 21:32

Tgt Ion: 43 Resp: 1863
 Ion Ratio Lower Upper
 43 100
 58 43.9 24.0 36.0#





#20

Methylene Chloride

Concen: 0.655 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX024799.D

Acq: 13 Oct 2021 21:32

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

Tgt Ion: 84 Resp: 866

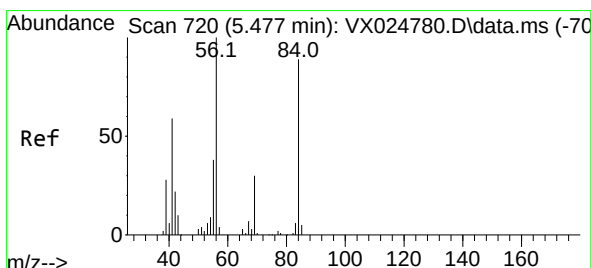
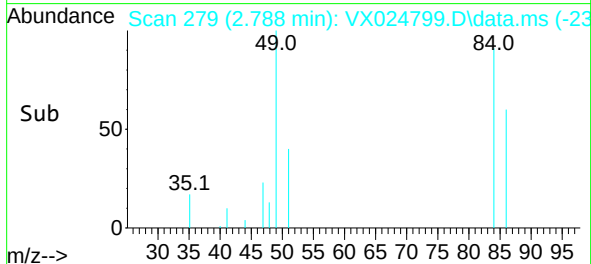
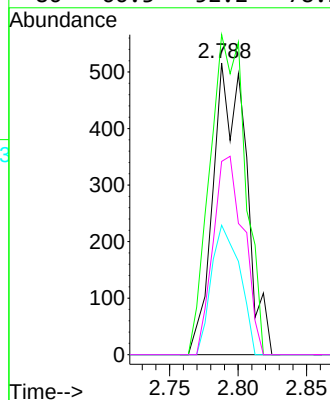
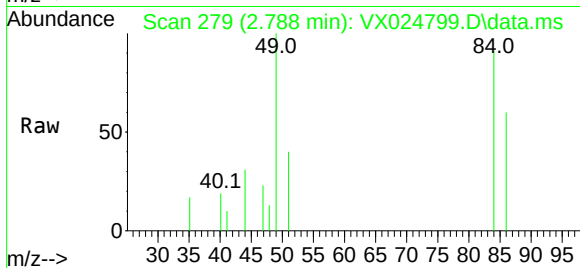
Ion Ratio Lower Upper

84 100

49 109.7 98.2 147.2

51 44.4 30.2 45.4

86 66.3 52.2 78.2



#31

Cyclohexane

Concen: 1.332 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX024799.D

Acq: 13 Oct 2021 21:32

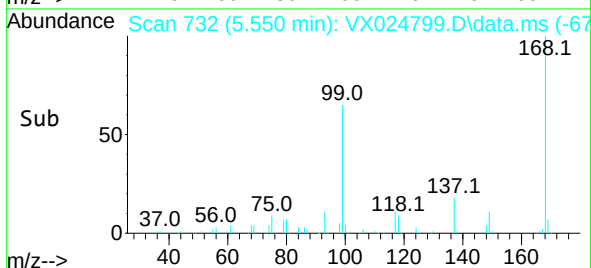
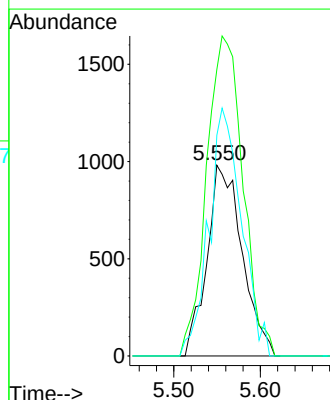
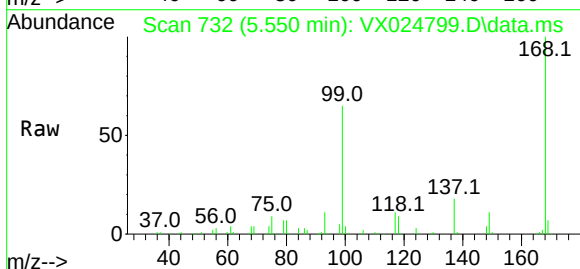
Tgt Ion: 56 Resp: 2767

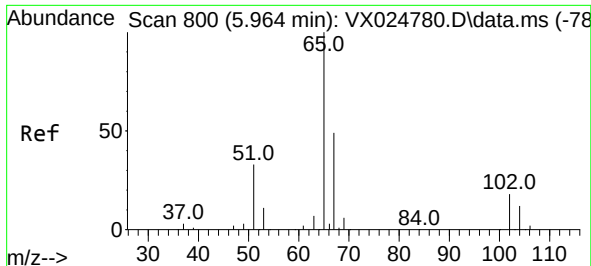
Ion Ratio Lower Upper

56 100

69 150.2 24.2 36.2#

84 115.7 71.5 107.3#



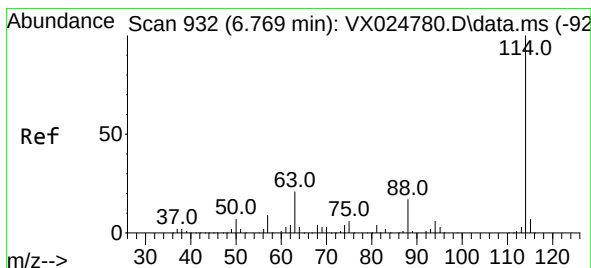
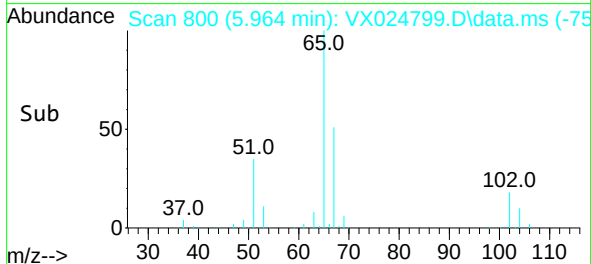
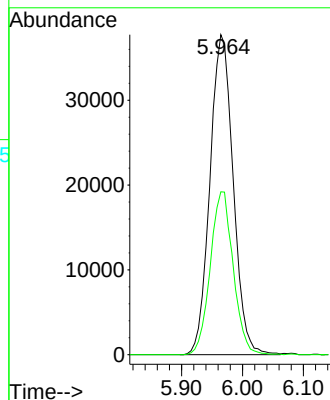
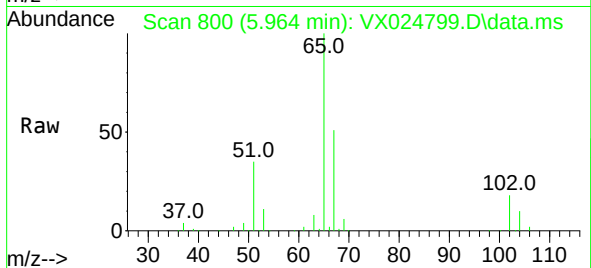


#33

1,2-Dichloroethane-d4
Concen: 64.270 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

Tgt Ion: 65 Resp: 100232
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.0

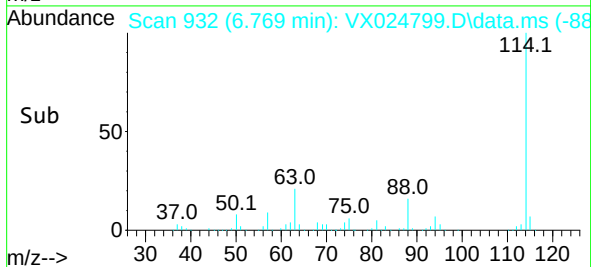
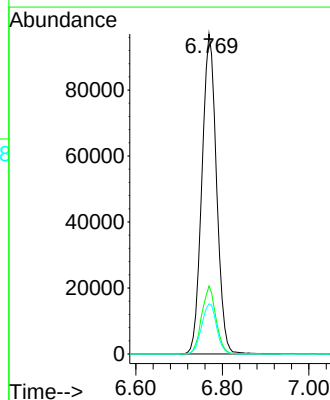
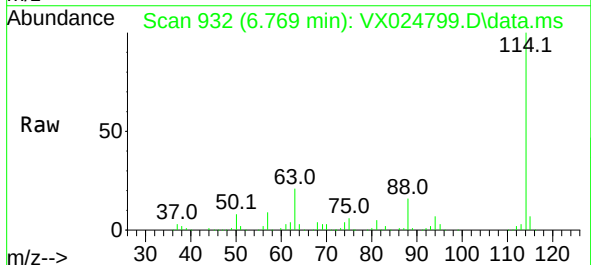
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANKRE

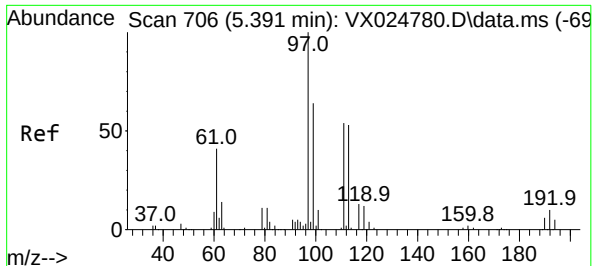


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

Tgt Ion: 114 Resp: 227178
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.0
88 15.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 58.100 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX024799.D

Acq: 13 Oct 2021 21:32

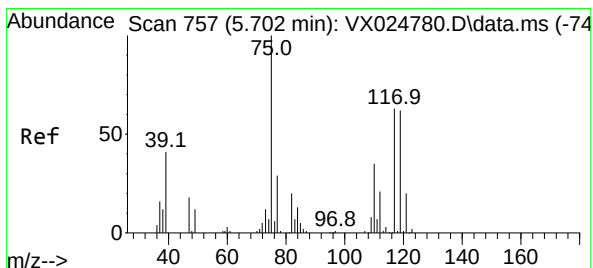
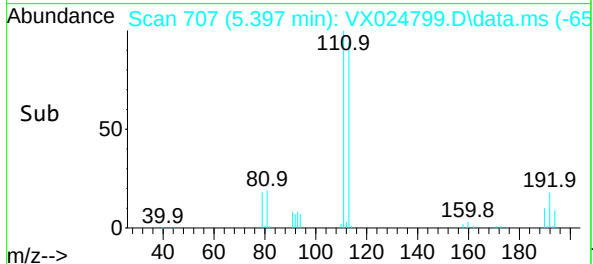
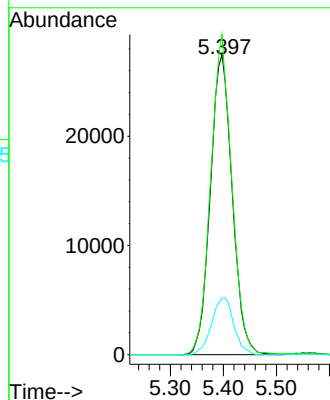
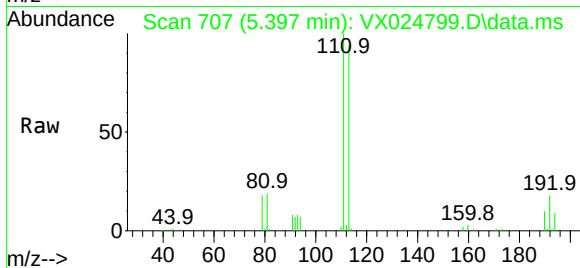
Tgt Ion:113 Resp: 78576

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

192 19.3 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.180 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024799.D

Acq: 13 Oct 2021 21:32

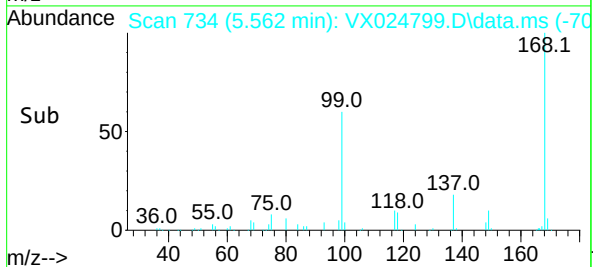
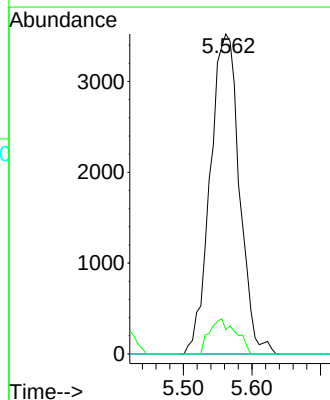
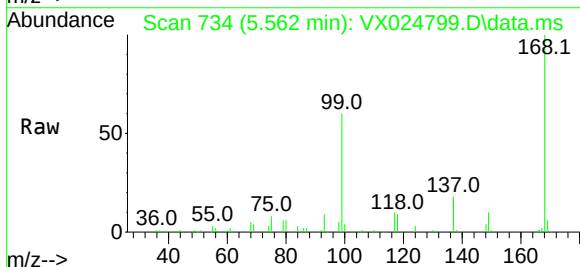
Tgt Ion: 75 Resp: 10414

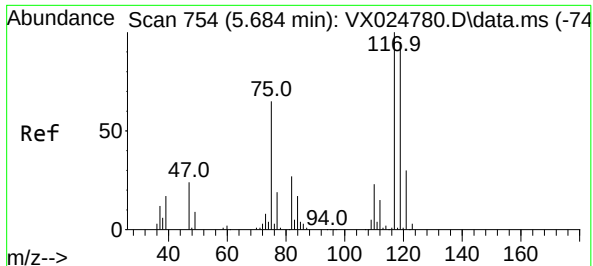
Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.3#

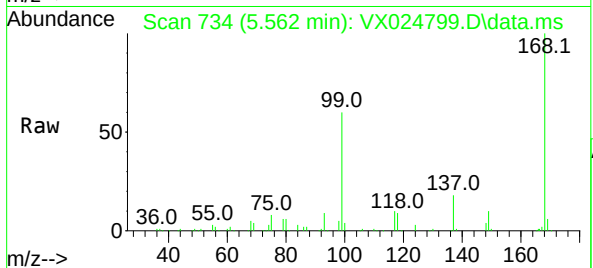
77 0.0 24.4 36.6#



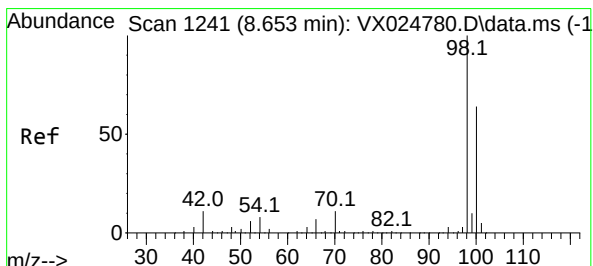
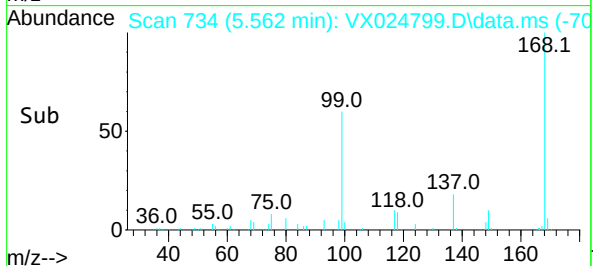
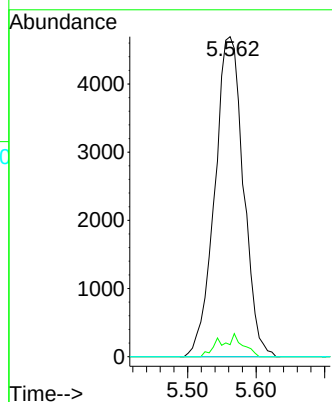


#38
Carbon Tetrachloride
Concen: 6.048 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

Instrument :
MSVOA_X
ClientSampleId :
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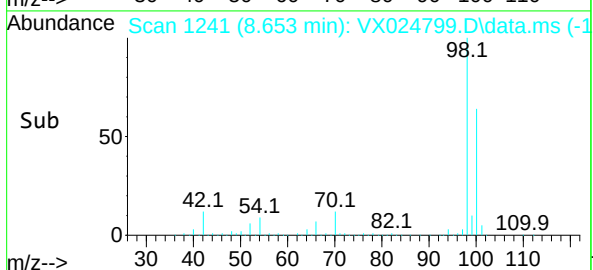
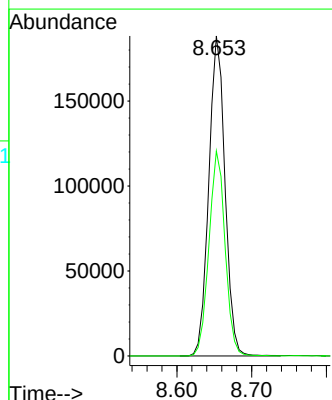
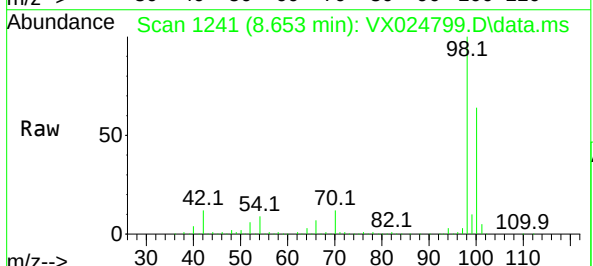


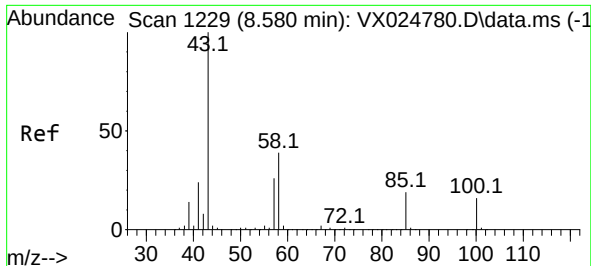
Tgt Ion:117 Resp: 13625
Ion Ratio Lower Upper
117 100
119 3.7 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 56.691 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

Tgt Ion: 98 Resp: 283606
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0

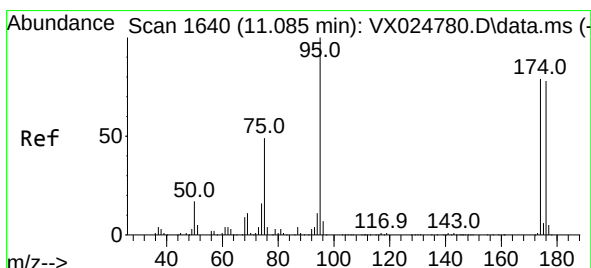
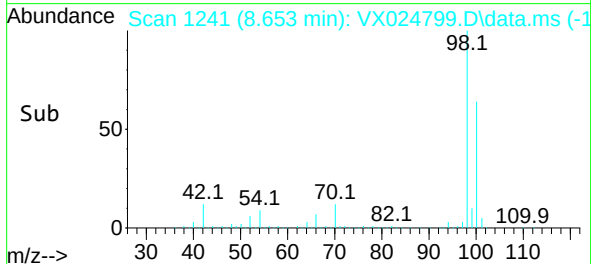
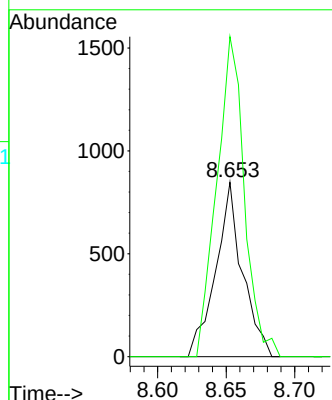
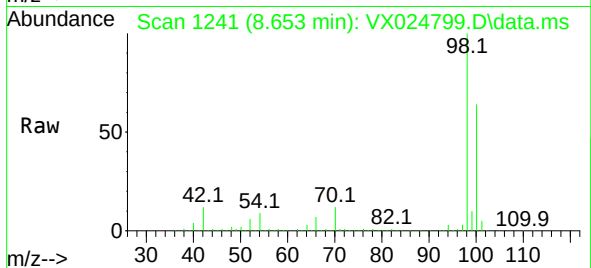




#51
4-Methyl-2-Pentanone
Concen: 0.483 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

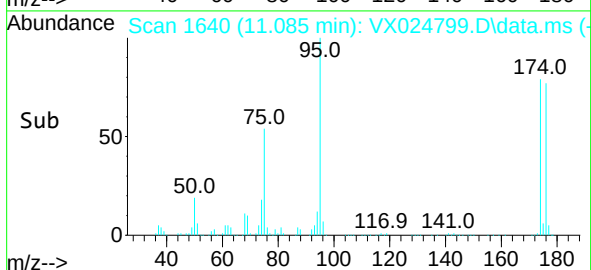
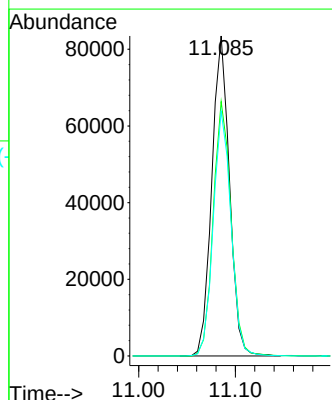
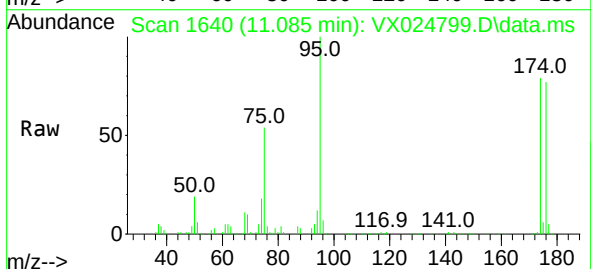
Instrument :
MSVOA_X
ClientSampleId :
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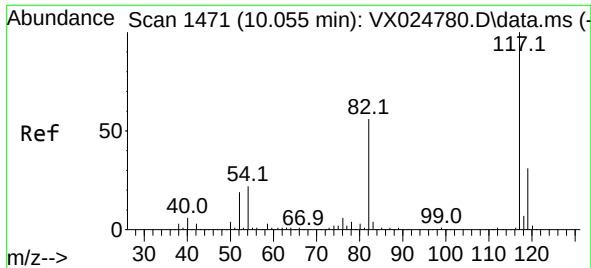
Tgt Ion: 43 Resp: 1148
Ion Ratio Lower Upper
43 100
58 189.6 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 53.853 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

Tgt Ion: 95 Resp: 105959
Ion Ratio Lower Upper
95 100
174 80.2 0.0 158.0
176 76.8 0.0 153.6

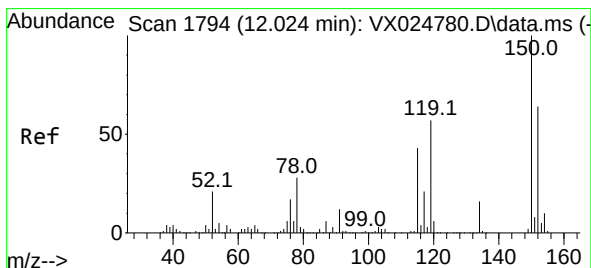
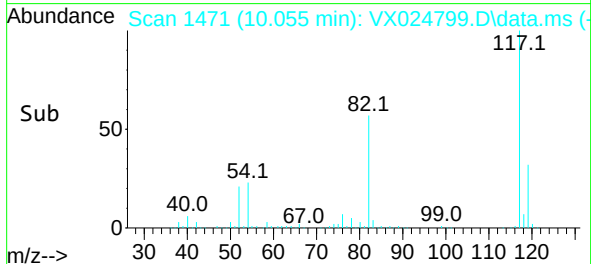
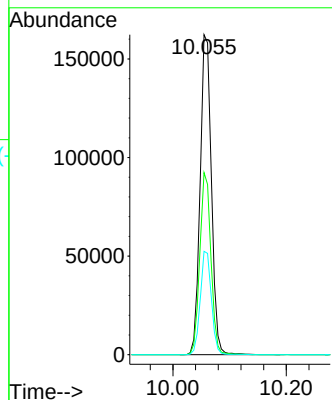
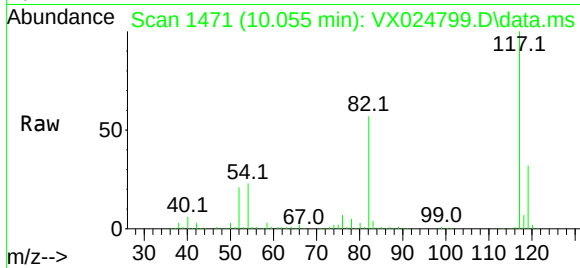




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

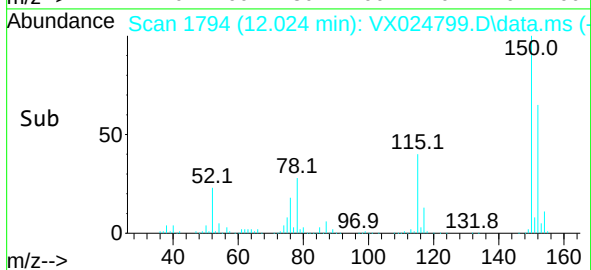
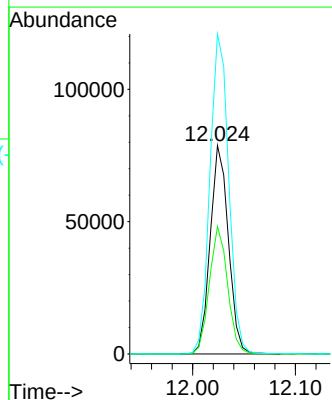
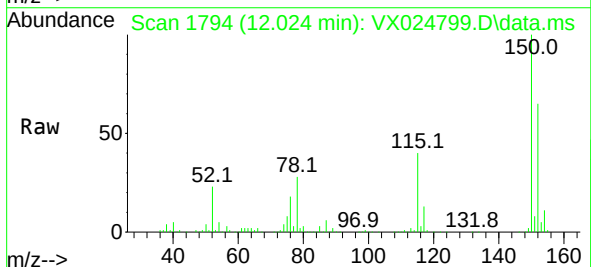
Instrument :
MSVOA_X
ClientSampleId :
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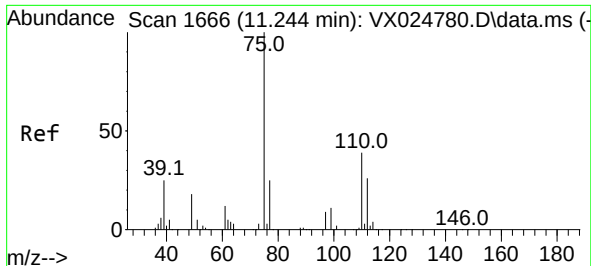
Tgt Ion:117 Resp: 223440
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

Tgt Ion:152 Resp: 96974
Ion Ratio Lower Upper
152 100
115 61.2 43.3 129.8
150 157.8 0.0 351.2

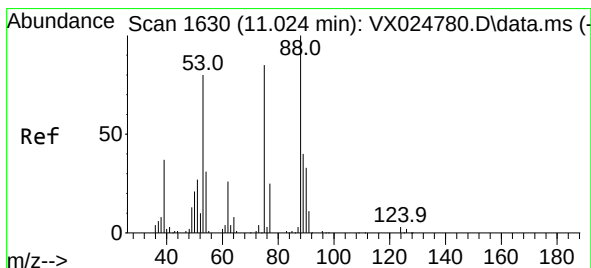
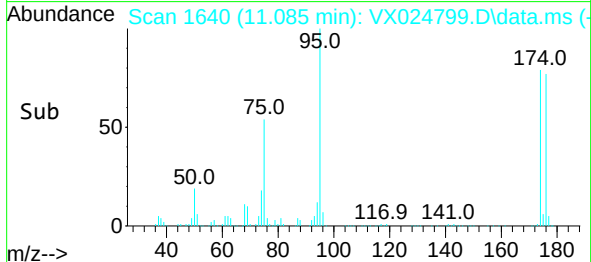
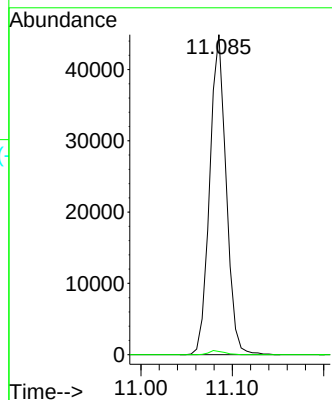
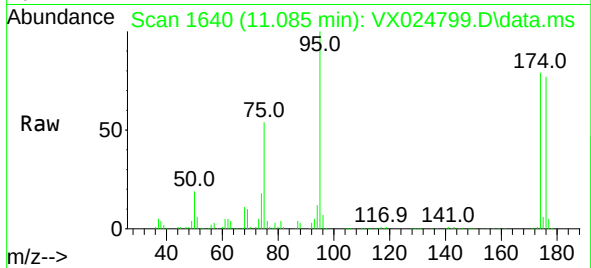




#76
1,2,3-Trichloropropane
Concen: 27.662 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

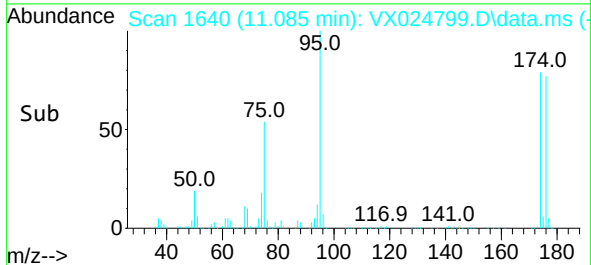
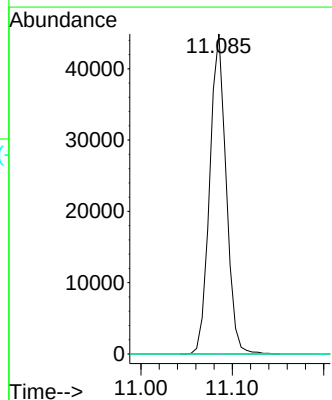
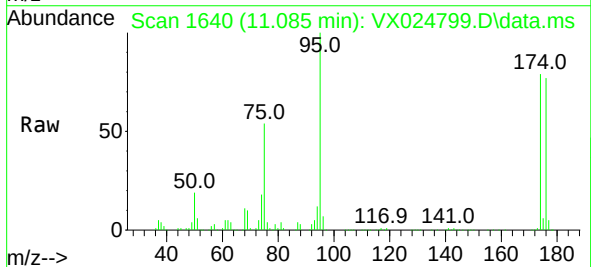
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

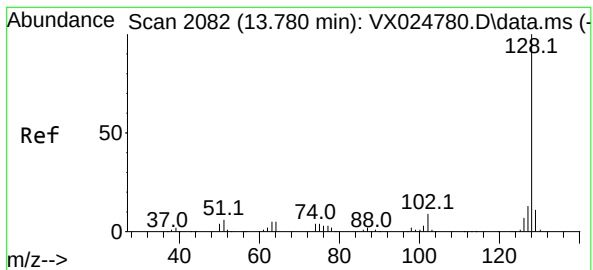
Tgt Ion: 75 Resp: 55965
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.434 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

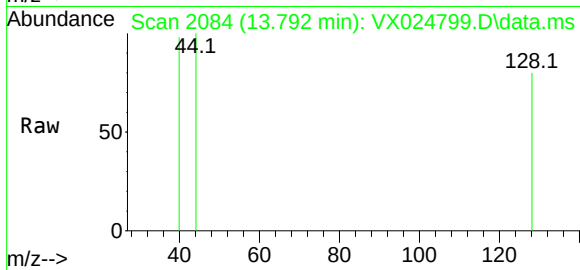
Tgt Ion: 75 Resp: 55965
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: 0.274 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX024799.D
Acq: 13 Oct 2021 21:32

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE



Tgt Ion:128 Resp: 131
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

