

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024394.D
 Acq On : 21 Sep 2021 18:23
 Operator : JC/MD
 Sample : M3835-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 01 04:08:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

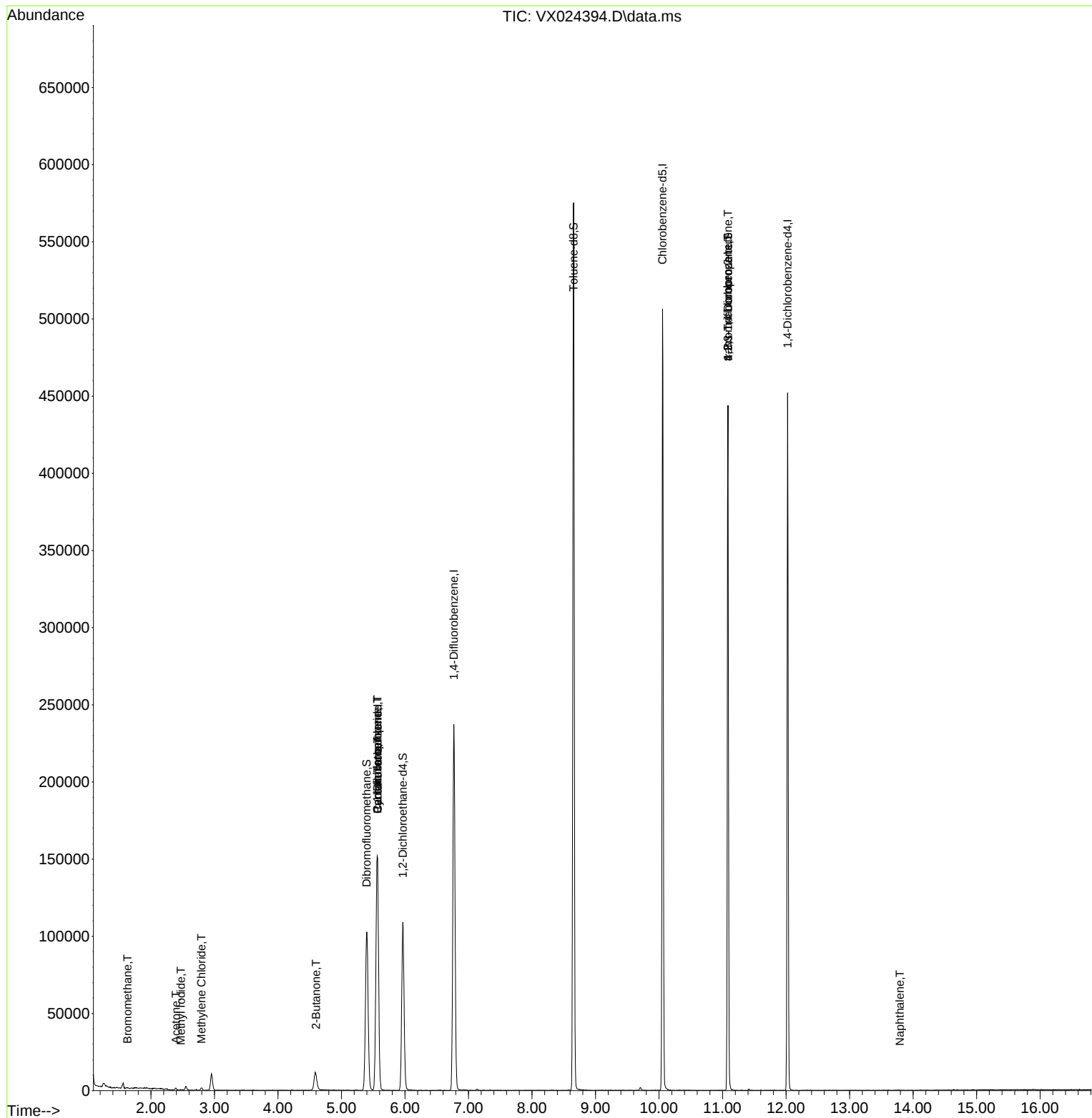
Internal Standards						
1) Pentafluorobenzene	5.568	168	145197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229357	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107979	52.152	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.300%	
35) Dibromofluoromethane	5.397	113	90534	58.858	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.720%	
50) Toluene-d8	8.653	98	331882	59.228	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 118.460%#	
62) 4-Bromofluorobenzene	11.085	95	111468	51.116	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.240%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	412	0.477	ug/l #	61
10) Methyl Iodide	2.471	142	406	0.205	ug/l #	86
11) Tert butyl alcohol	2.953	59	6241	Below Cal	#	77
16) Acetone	2.392	43	1324	1.500	ug/l	97
20) Methylene Chloride	2.794	84	730	0.431	ug/l #	90
25) 2-Butanone	4.599	43	811	0.624	ug/l #	45
31) Cyclohexane	5.568	56	3015	1.245	ug/l #	20
36) 1,1-Dichloropropene	5.562	75	11596	5.499	ug/l #	51
38) Carbon Tetrachloride	5.568	117	15026	6.331	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	59740	29.157	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	59740	85.752	ug/l #	12
95) Naphthalene	13.792	128	162	1.312	ug/l #	69

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

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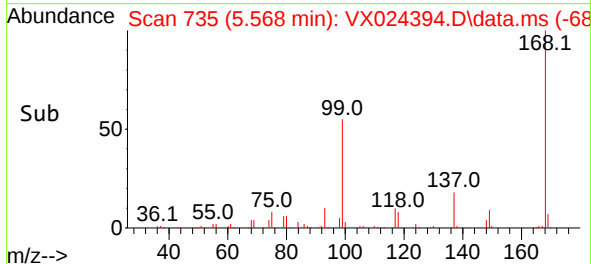
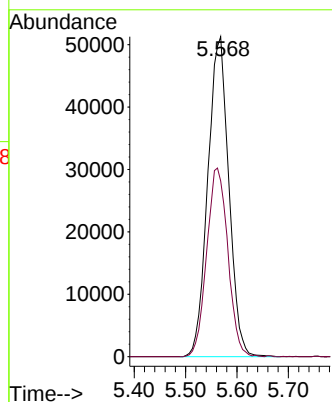
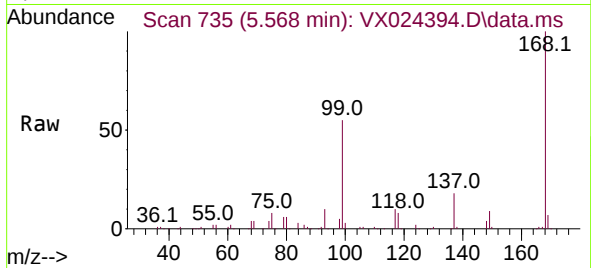




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23

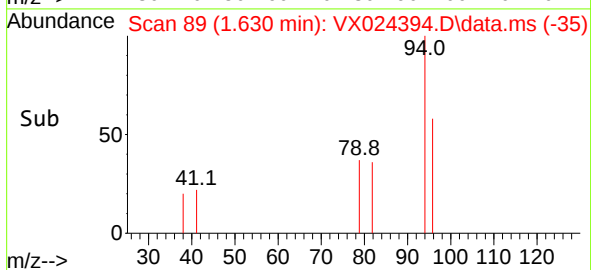
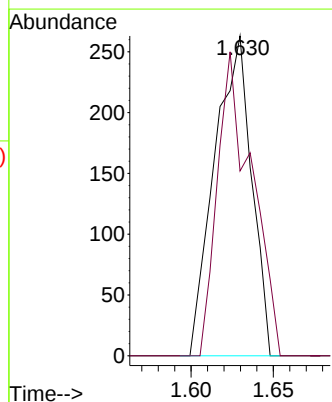
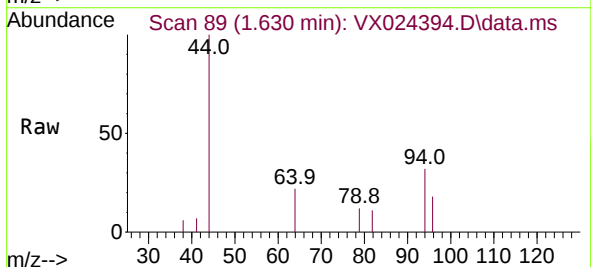
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

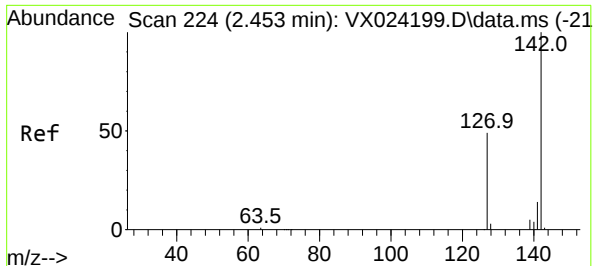
Tgt Ion:168 Resp: 145197
Ion Ratio Lower Upper
168 100
99 54.9 45.8 68.6



#5
Bromomethane
Concen: 0.477 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23

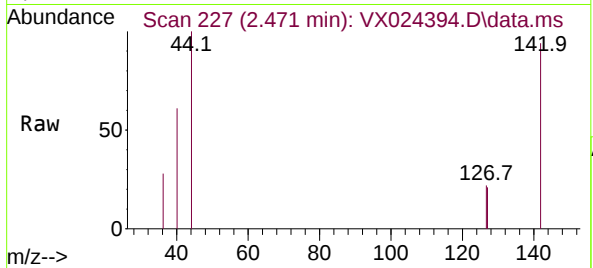
Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 57.8 76.4 114.6#



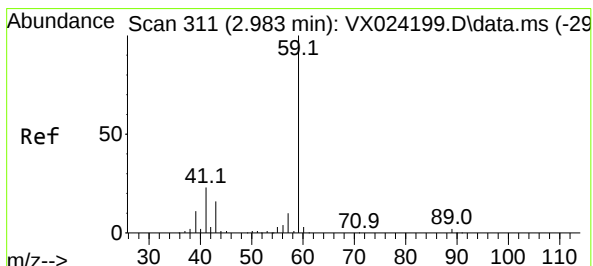
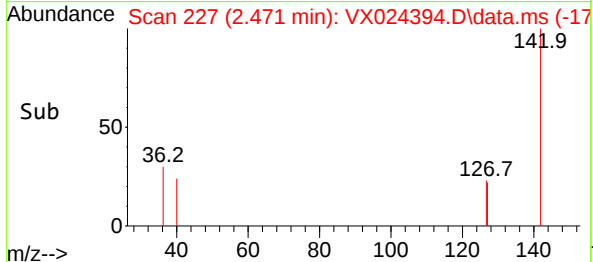
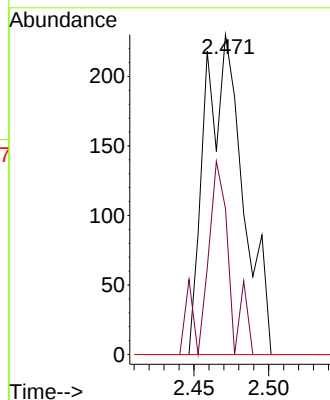


#10
Methyl Iodide
Concen: 0.205 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23

Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

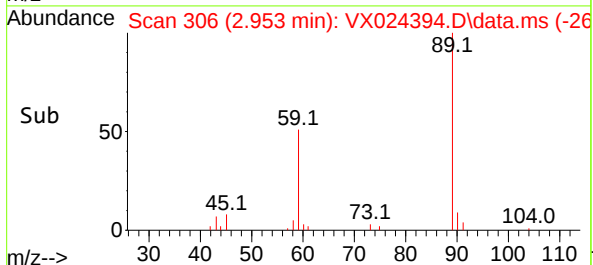
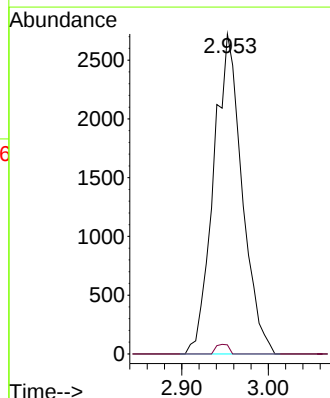
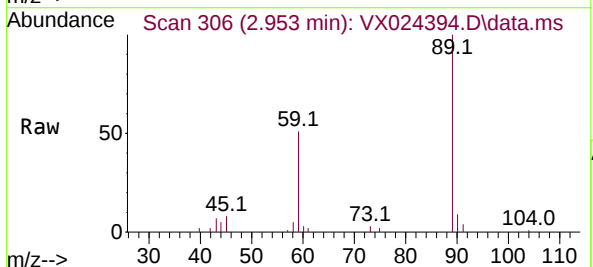


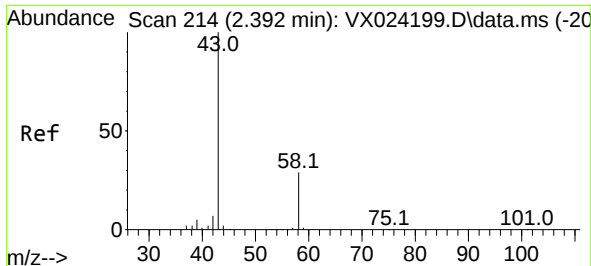
Tgt Ion:142 Resp: 406
Ion Ratio Lower Upper
142 100
127 37.2 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23

Tgt Ion: 59 Resp: 6241
Ion Ratio Lower Upper
59 100
57 1.3 7.8 11.8#

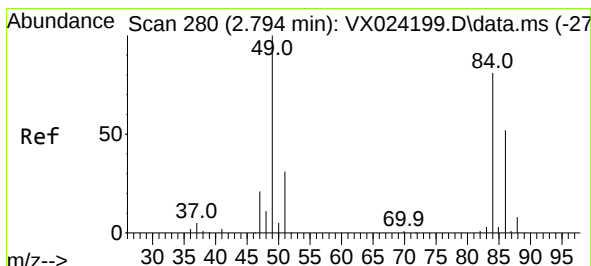
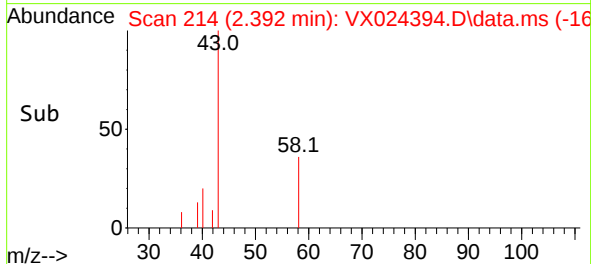
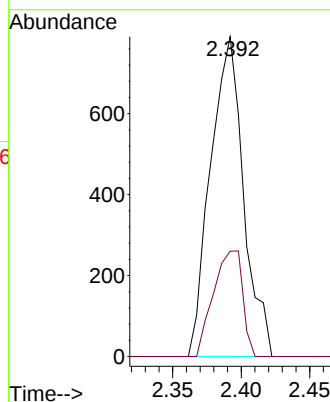
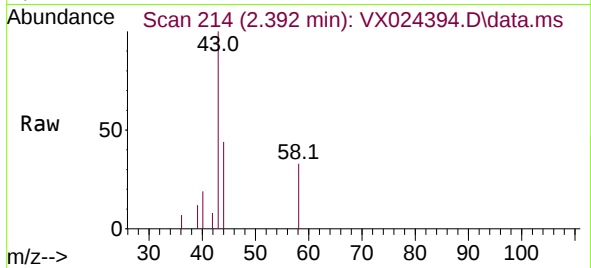




#16
Acetone
Concen: 1.500 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23

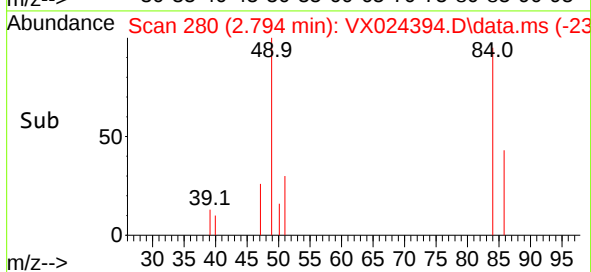
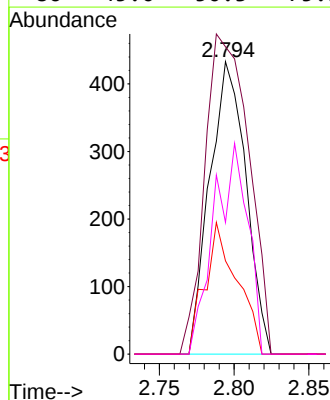
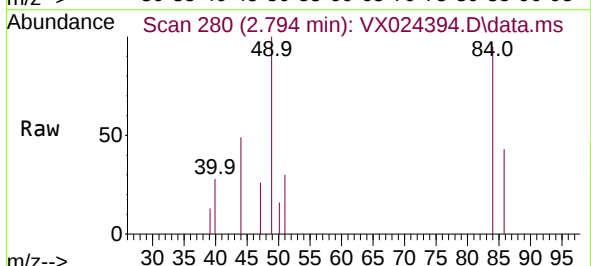
Instrument :
MSVOA_X
ClientSampleId :
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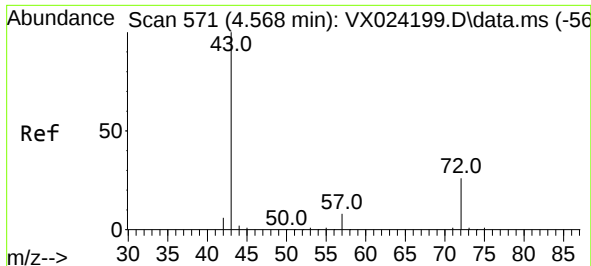
Tgt Ion: 43 Resp: 1324
Ion Ratio Lower Upper
43 100
58 32.9 27.8 41.8



#20
Methylene Chloride
Concen: 0.431 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23

Tgt Ion: 84 Resp: 730
Ion Ratio Lower Upper
84 100
49 105.1 88.6 132.8
51 31.9 27.0 40.6
86 45.0 50.3 75.5#

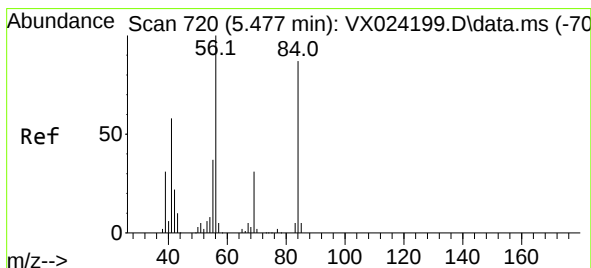
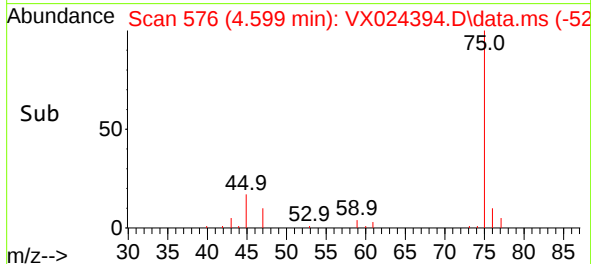
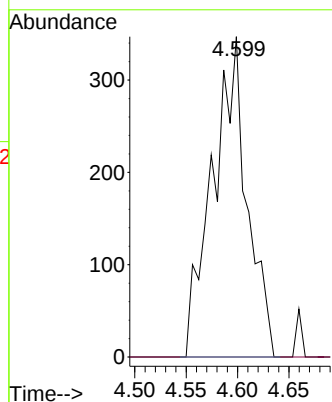
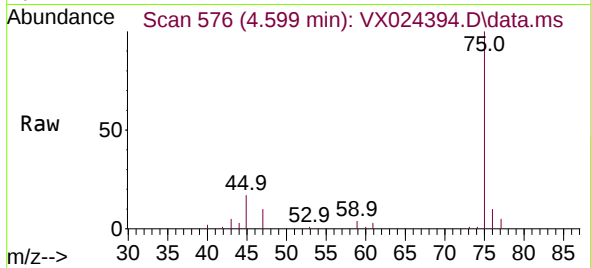




#25
2-Butanone
Concen: 0.624 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23

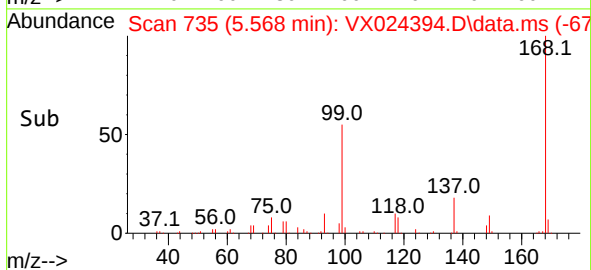
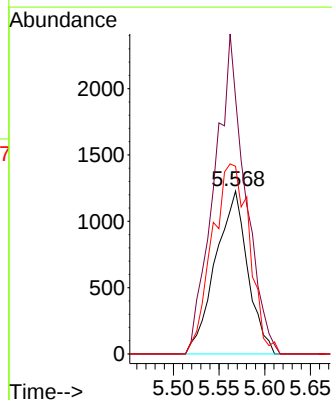
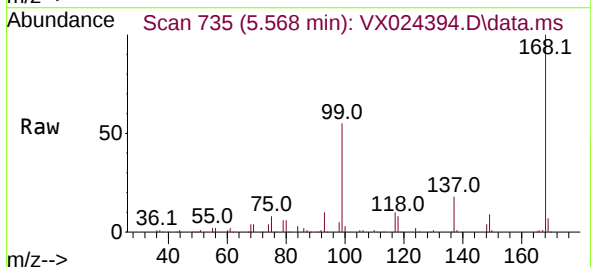
Instrument :
MSVOA_X
ClientSampleId :
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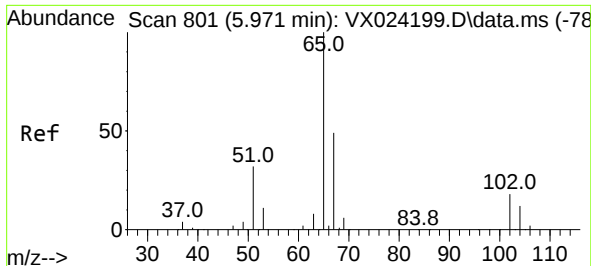
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.245 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23

Tgt Ion: 56 Resp: 3015
Ion Ratio Lower Upper
56 100
69 157.0 25.3 37.9#
84 115.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.152 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024394.D

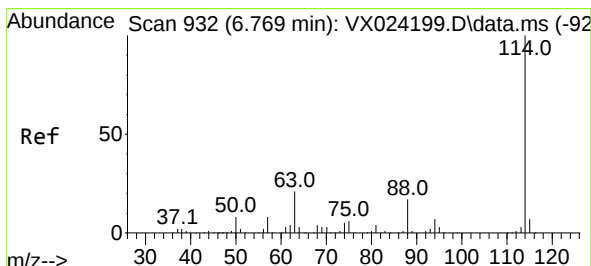
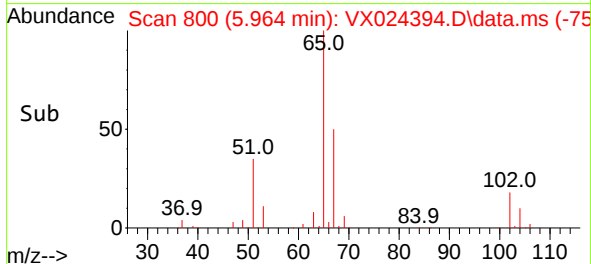
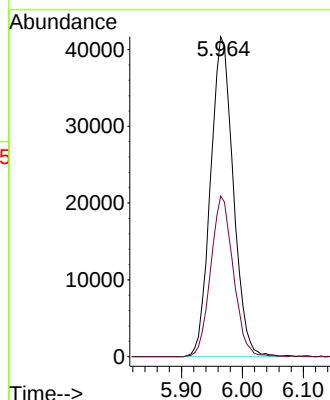
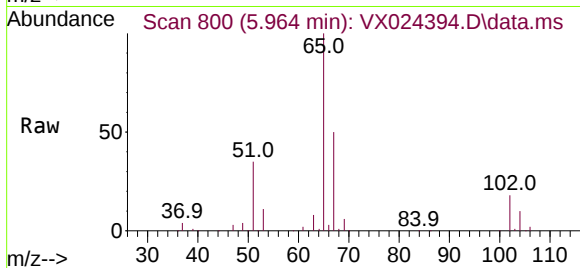
Acq: 21 Sep 2021 18:23

Tgt Ion: 65 Resp: 107979

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: VX024394.D

Acq: 21 Sep 2021 18:23

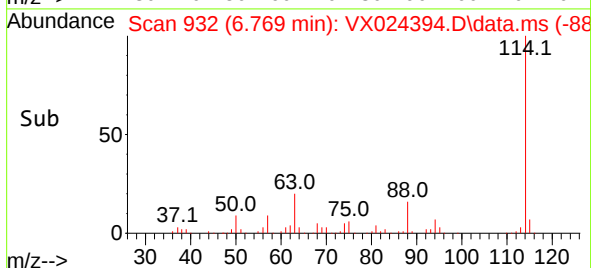
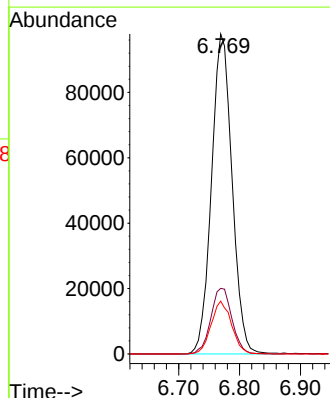
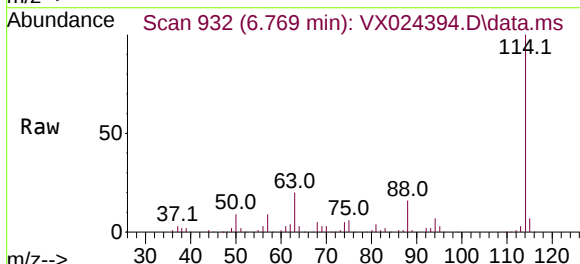
Tgt Ion: 114 Resp: 229357

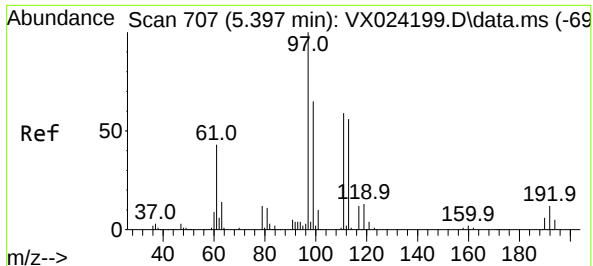
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 58.858 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024394.D

Acq: 21 Sep 2021 18:23

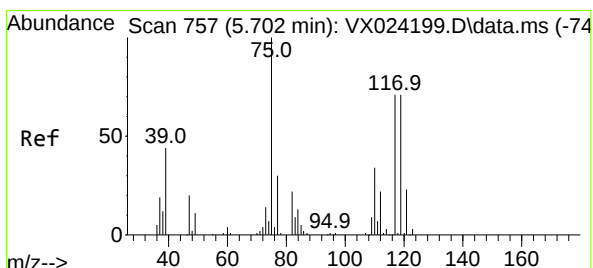
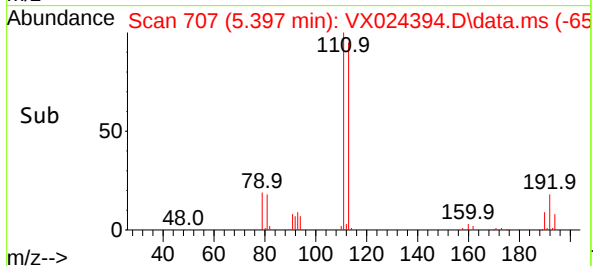
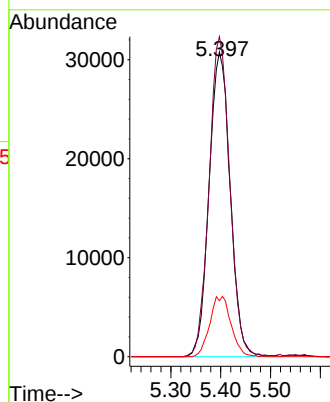
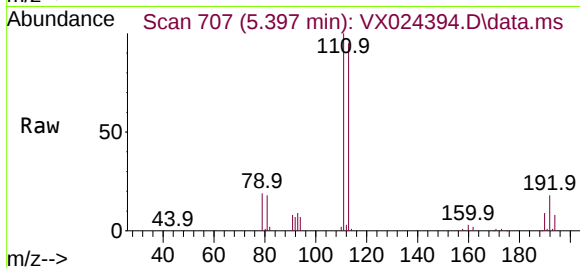
Tgt Ion:113 Resp: 90534

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

192 20.0 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.499 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024394.D

Acq: 21 Sep 2021 18:23

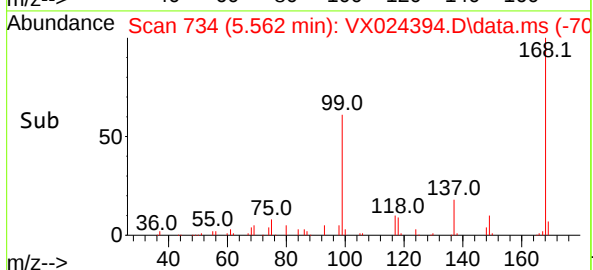
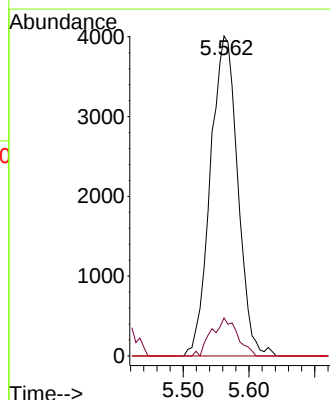
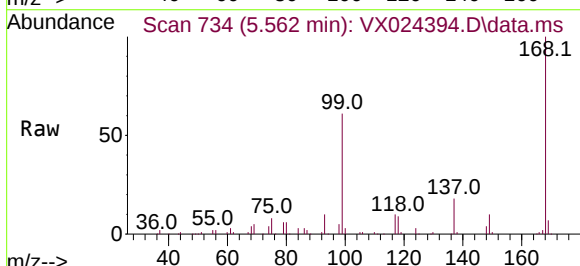
Tgt Ion: 75 Resp: 11596

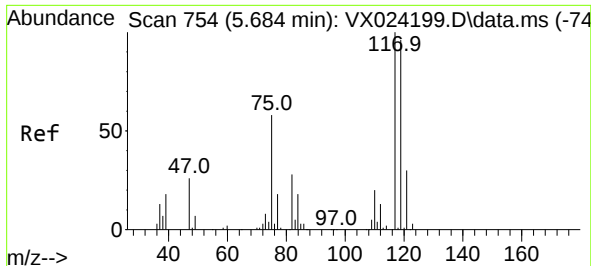
Ion Ratio Lower Upper

75 100

110 11.2 18.1 54.4#

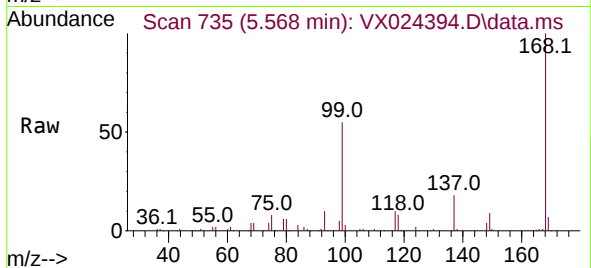
77 0.0 25.3 37.9#



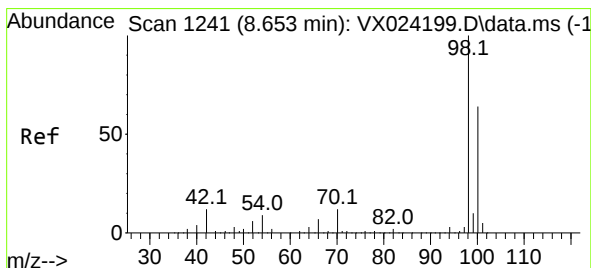
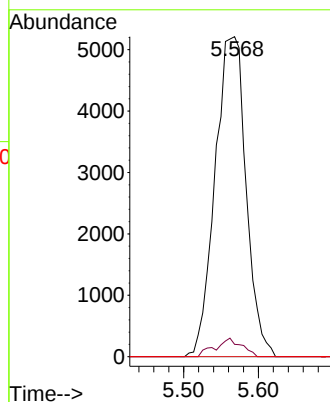
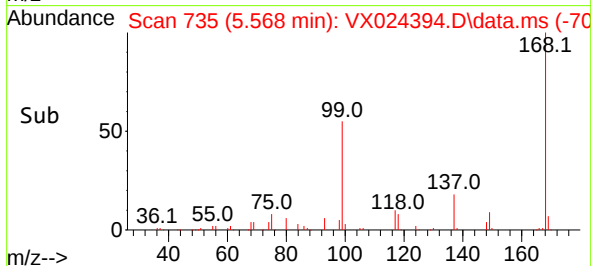


#38
Carbon Tetrachloride
Concen: 6.331 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23

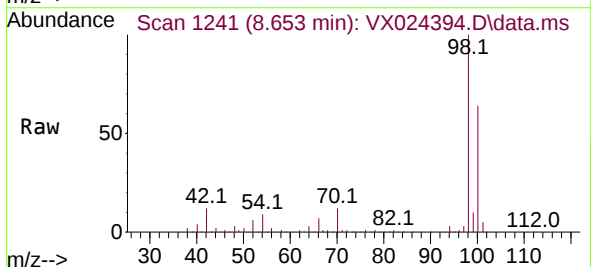
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK



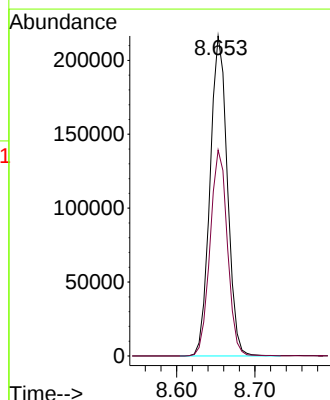
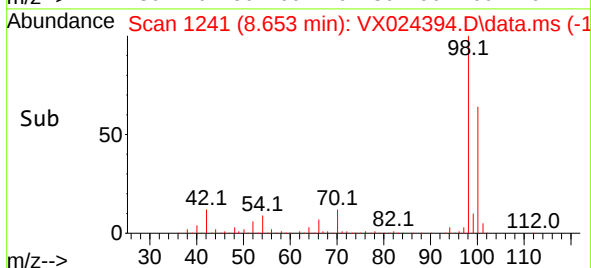
Tgt Ion:117 Resp: 15026
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

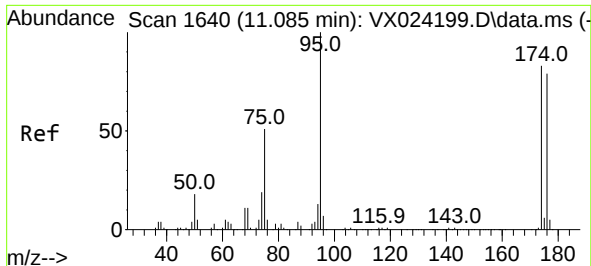


#50
Toluene-d8
Concen: 59.228 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23



Tgt Ion: 98 Resp: 331882
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

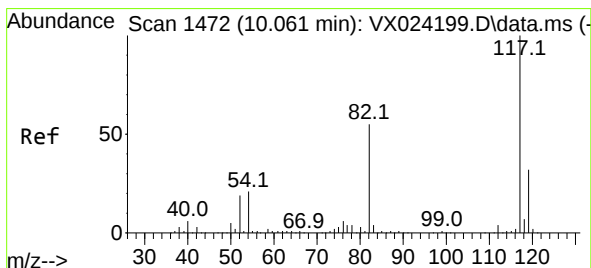
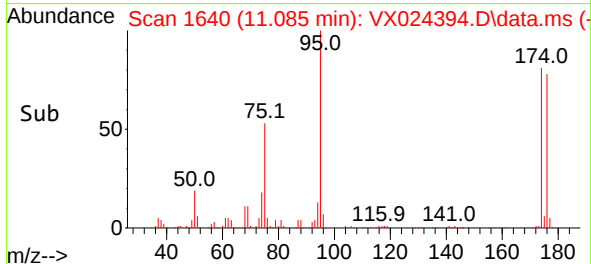
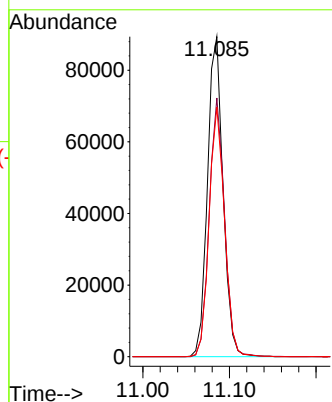
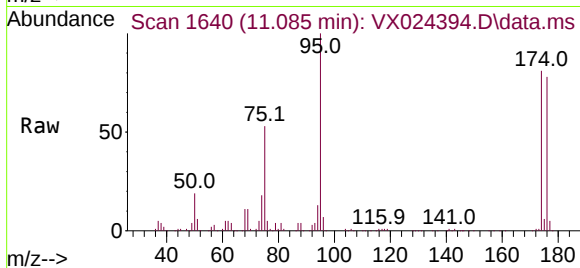




#62
4-Bromofluorobenzene
Concen: 51.116 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23

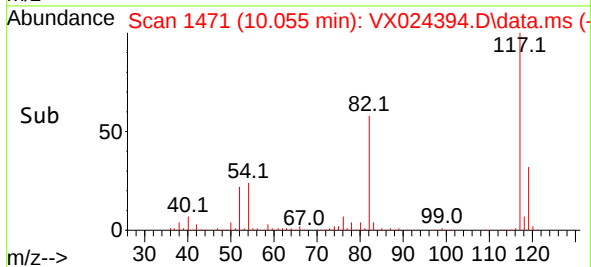
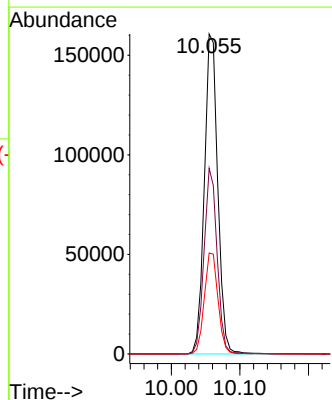
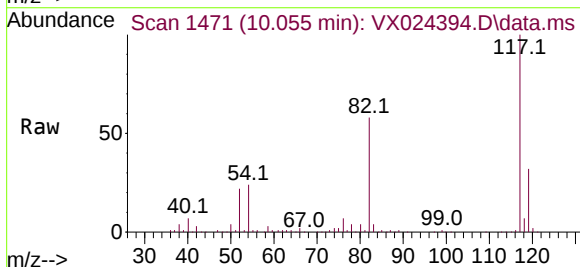
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MSVOA_X
ClientSampleId :
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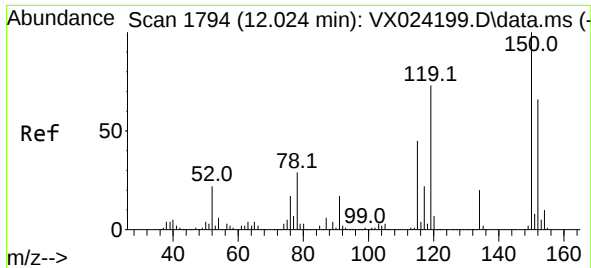
Tgt Ion: 95 Resp: 111468
Ion Ratio Lower Upper
95 100
174 79.6 0.0 154.6
176 77.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23

Tgt Ion: 117 Resp: 218977
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.5 26.6 39.8

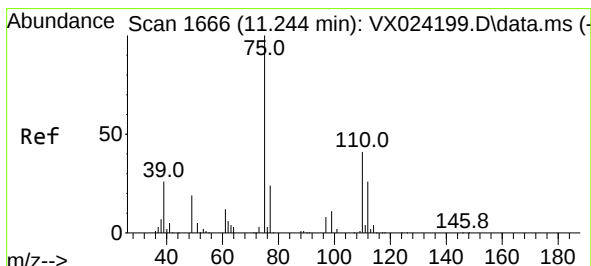
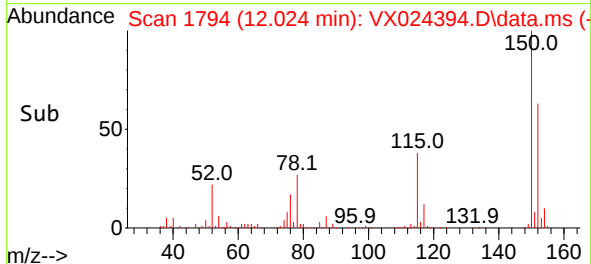
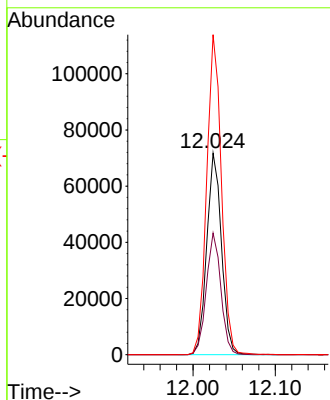
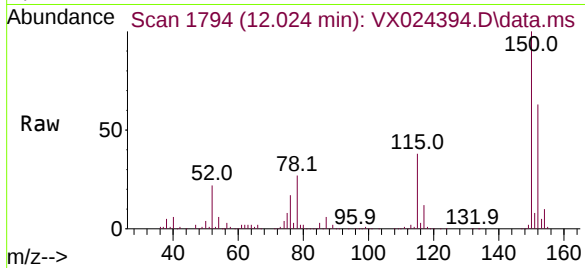




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024394.D
 Acq: 21 Sep 2021 18:23

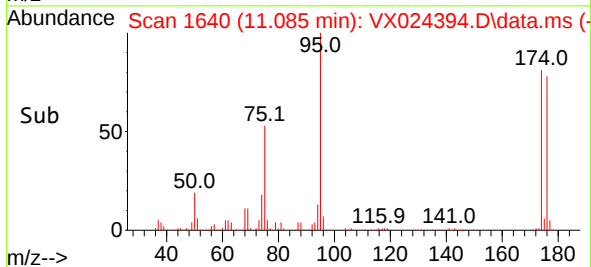
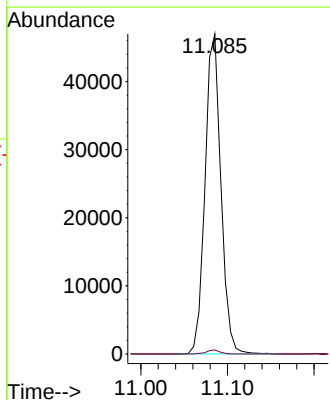
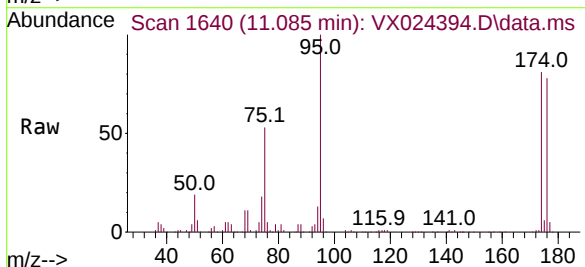
Instrument :
 MSVOA_X
 ClientSampled :
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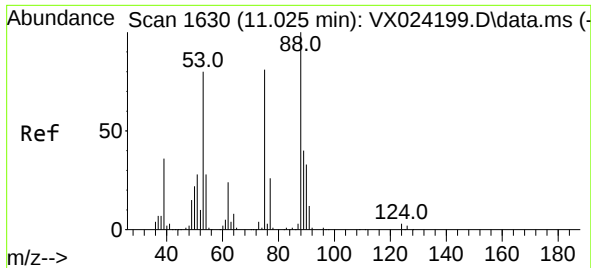
Tgt Ion:152 Resp: 89105
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 158.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.157 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024394.D
 Acq: 21 Sep 2021 18:23

Tgt Ion: 75 Resp: 59740
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

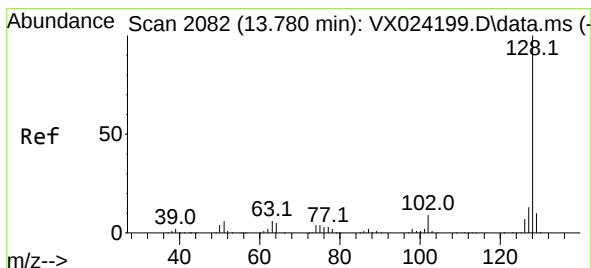
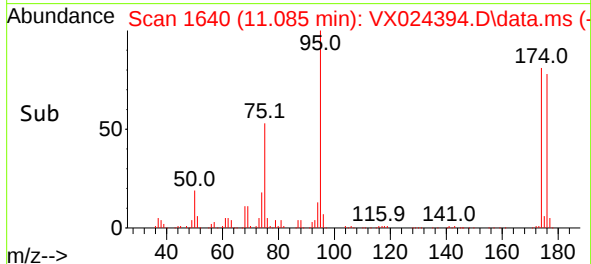
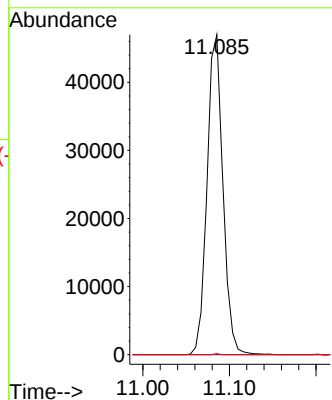
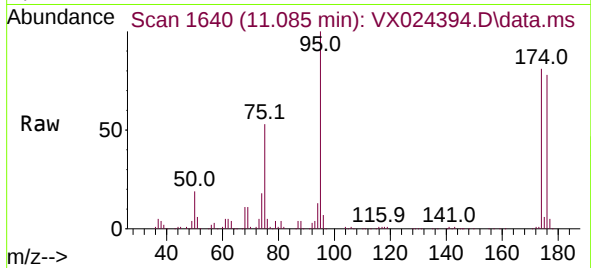




#81
trans-1,4-Dichloro-2-butene
Concen: 85.752 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 59740
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.312 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX024394.D
Acq: 21 Sep 2021 18:23

Tgt Ion:128 Resp: 162
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

