

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024794.D
 Acq On : 13 Oct 2021 19:34
 Operator : JC/MD
 Sample : M4169-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-01-(2.0)RE

Quant Time: Oct 14 03:57:59 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)

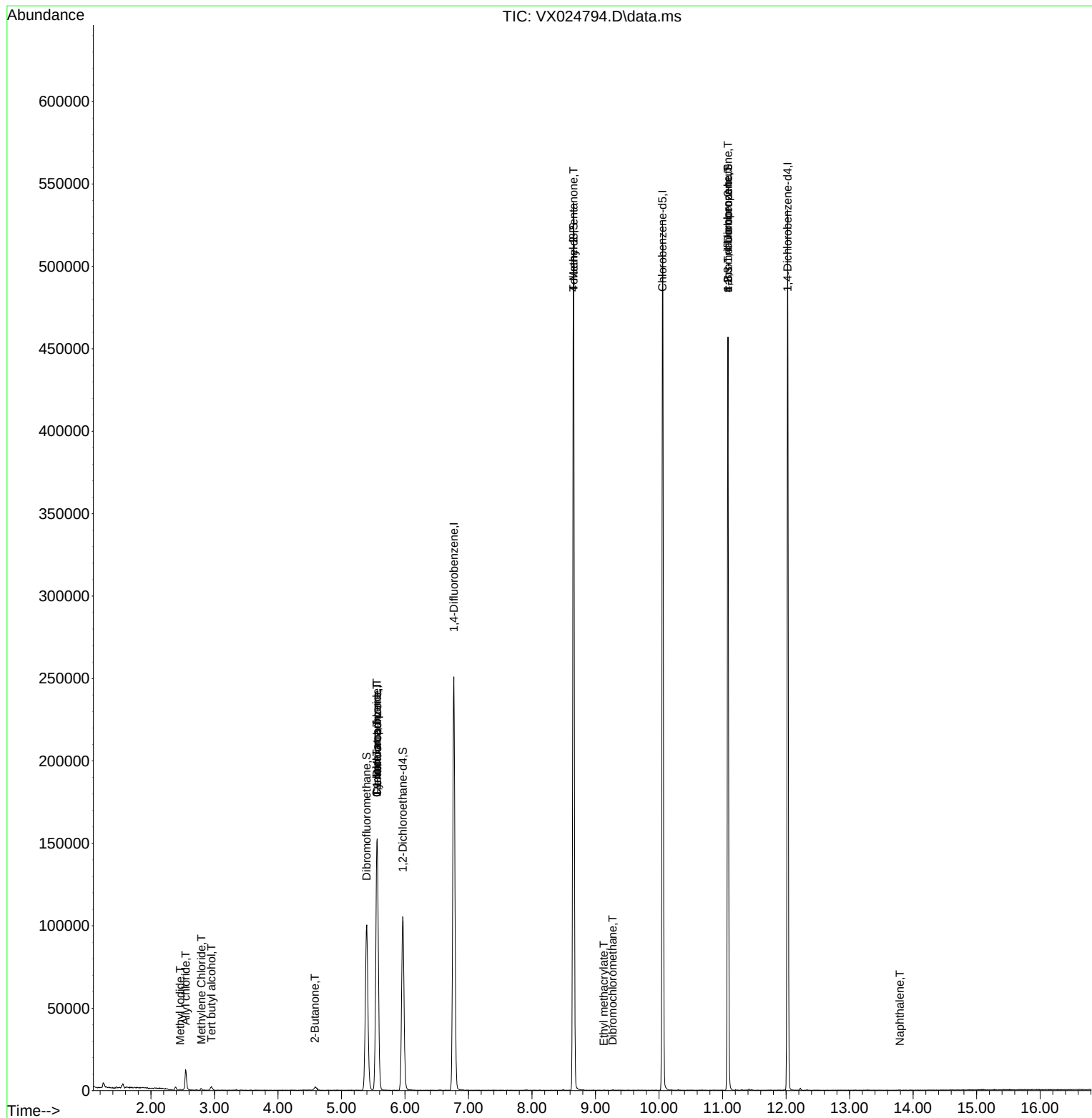
Internal Standards						
1) Pentafluorobenzene	5.562	168	144831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	250320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108252	60.812	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 121.620%#			
35) Dibromofluoromethane	5.397	113	85582	57.430	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.860%			
50) Toluene-d8	8.653	98	309310	56.113	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.220%#			
62) 4-Bromofluorobenzene	11.085	95	117357	54.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.260%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	439	Below Cal	#	43
10) Methyl Iodide	2.459	142	610	1.256	ug/l #	62
11) Tert butyl alcohol	2.953	59	1377	3.670	ug/l #	72
14) Allyl chloride	2.544	41	1317	0.577	ug/l #	66
16) Acetone	2.386	43	2148	Below Cal		95
20) Methylene Chloride	2.794	84	425	0.282	ug/l #	84
25) 2-Butanone	4.580	43	258	0.204	ug/l #	48
31) Cyclohexane	5.556	56	3197	1.348	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	10694	4.827	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14804	5.964	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1355	0.517	ug/l #	1
56) Ethyl methacrylate	9.128	69	20	0.646	ug/l #	23
60) Dibromochloromethane	9.268	129	29	0.801	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	60547	26.653	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	60547	71.752	ug/l #	9
95) Naphthalene	13.792	128	312	0.295	ug/l #	69

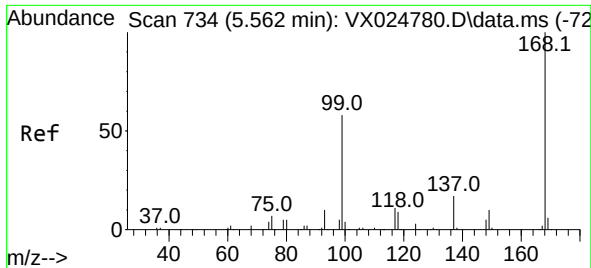
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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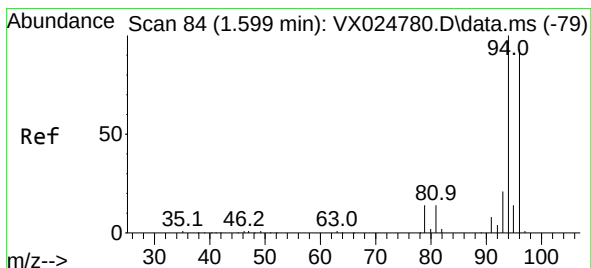
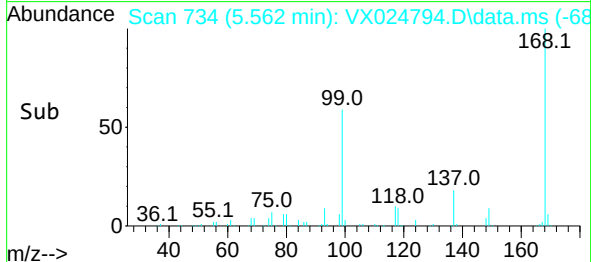
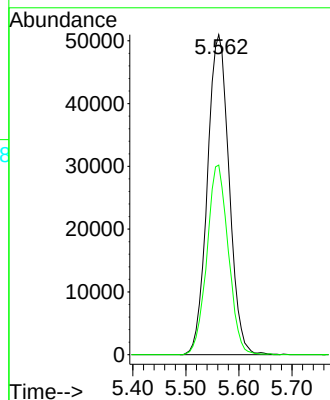
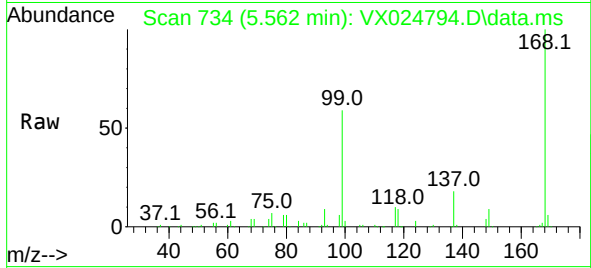




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

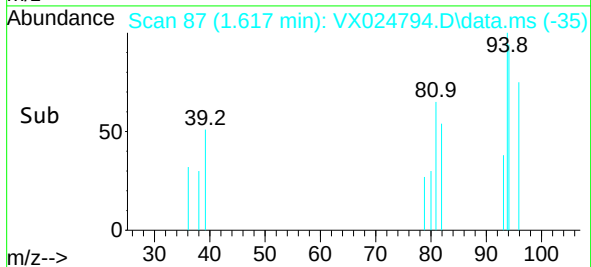
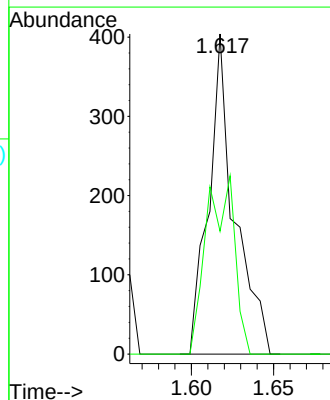
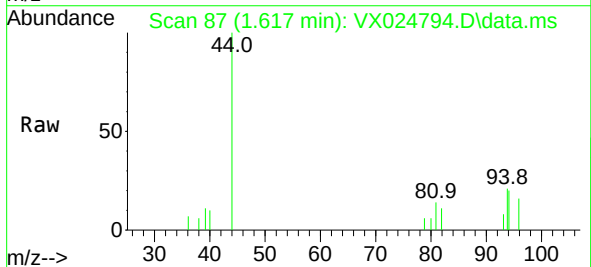
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

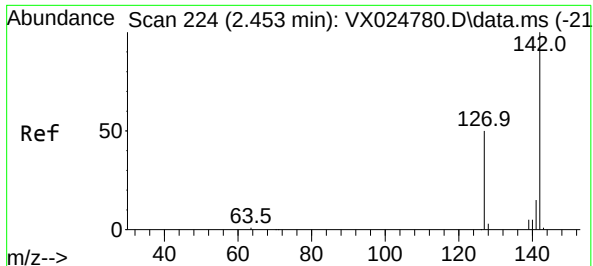
Tgt Ion:168 Resp: 144831
Ion Ratio Lower Upper
168 100
99 59.2 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

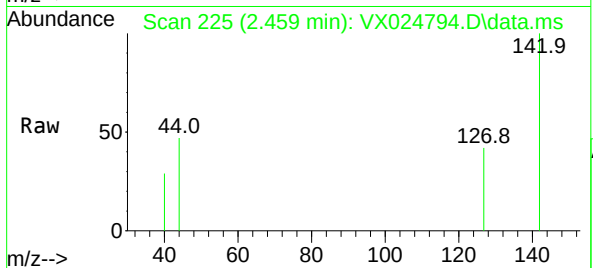
Tgt Ion: 94 Resp: 439
Ion Ratio Lower Upper
94 100
96 38.4 74.8 112.2#



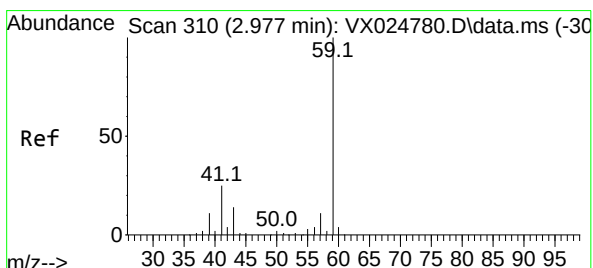
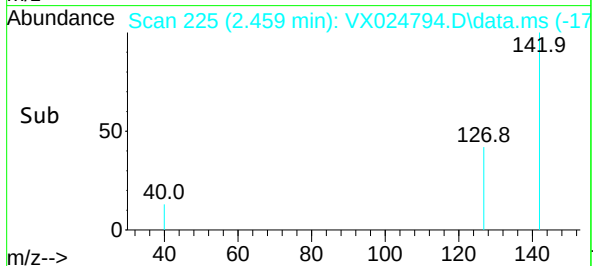
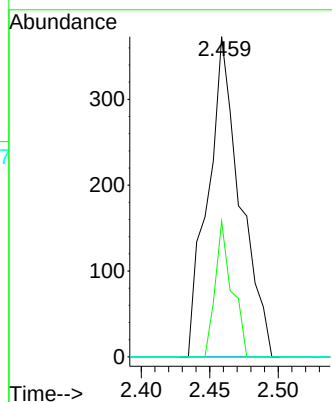


#10
Methyl Iodide
Concen: 1.256 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

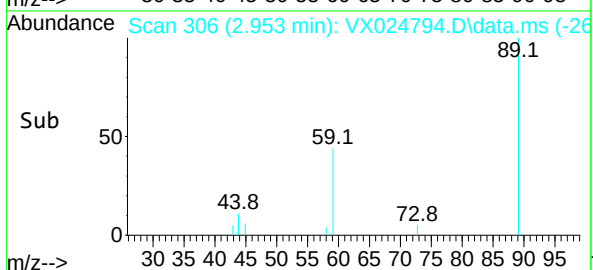
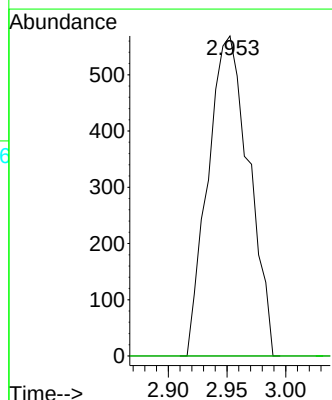
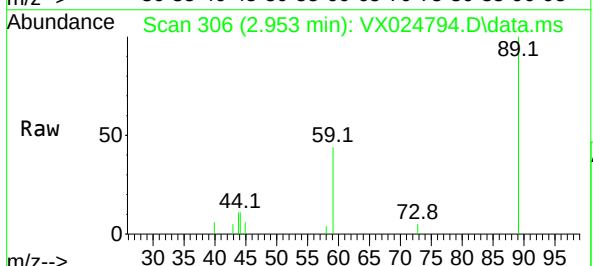


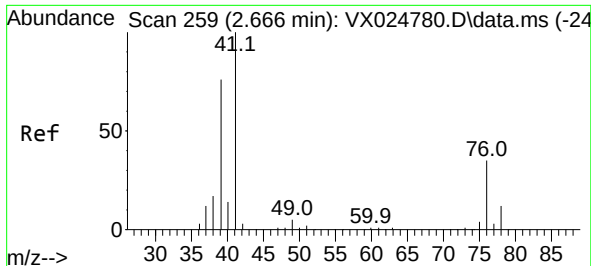
Tgt Ion:142 Resp: 610
Ion Ratio Lower Upper
142 100
127 22.0 38.9 58.3#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 3.670 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.025 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

Tgt Ion: 59 Resp: 1377
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

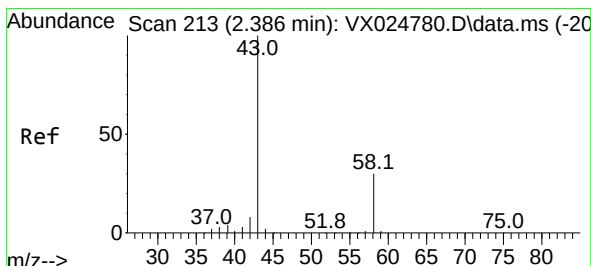
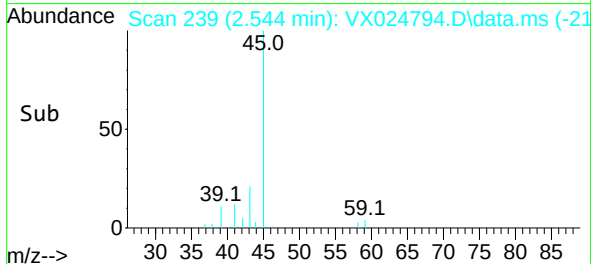
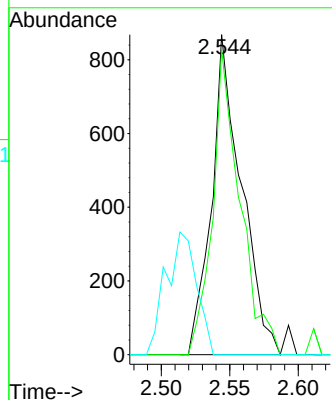
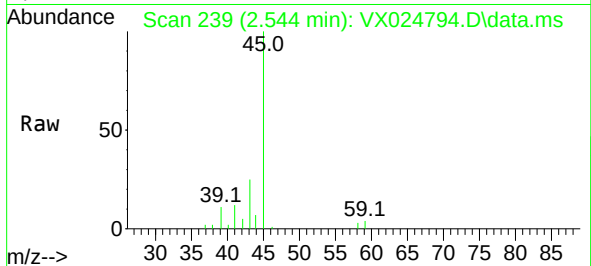




#14
 Allyl chloride
 Concen: 0.577 ug/l
 RT: 2.544 min Scan# 239
 Delta R.T. -0.122 min
 Lab File: VX024794.D
 Acq: 13 Oct 2021 19:34

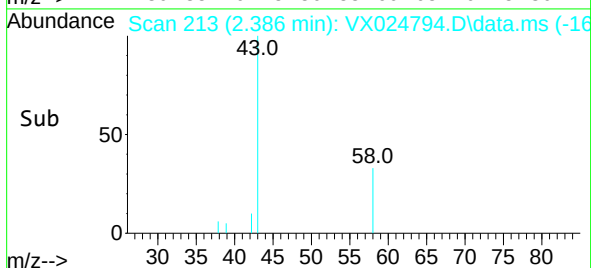
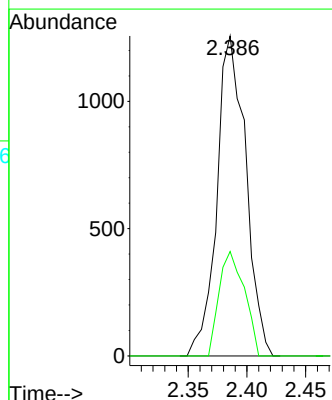
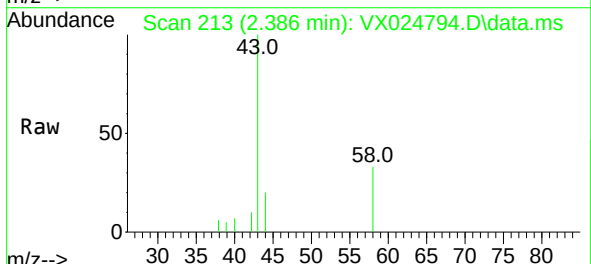
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-01-(2.0)RE

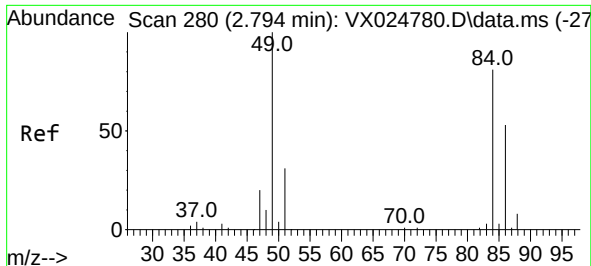
Tgt Ion: 41 Resp: 1317
 Ion Ratio Lower Upper
 41 100
 39 87.6 54.6 82.0#
 76 0.0 25.3 37.9#



#16
 Acetone
 Concen: Below Cal
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX024794.D
 Acq: 13 Oct 2021 19:34

Tgt Ion: 43 Resp: 2148
 Ion Ratio Lower Upper
 43 100
 58 32.6 24.0 36.0





#20

Methylene Chloride

Concen: 0.282 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX024794.D

Acq: 13 Oct 2021 19:34

Instrument :

MSVOA_X

ClientSampleId :

SW-RR-01-(2.0)RE

Tgt Ion: 84 Resp: 425

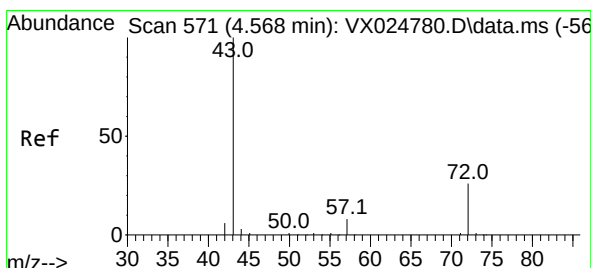
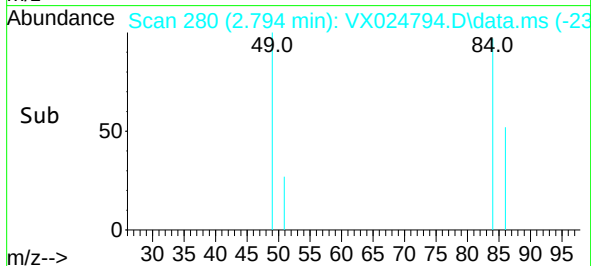
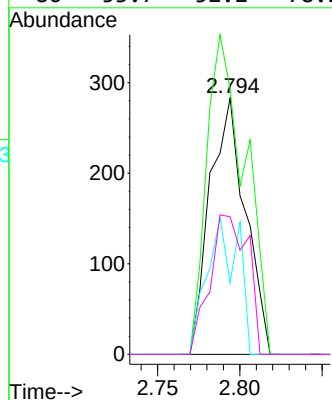
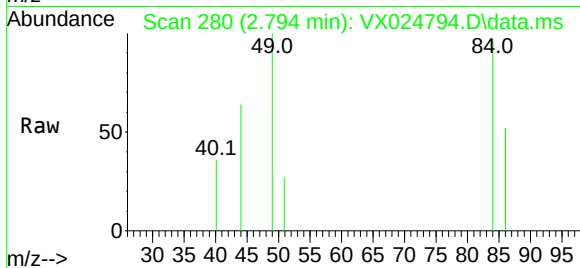
Ion Ratio Lower Upper

84 100

49 103.5 98.2 147.2

51 27.9 30.2 45.4#

86 53.7 52.2 78.2



#25

2-Butanone

Concen: 0.204 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX024794.D

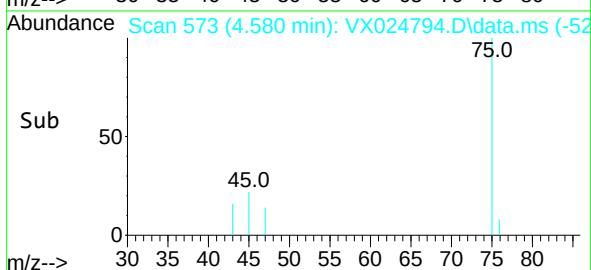
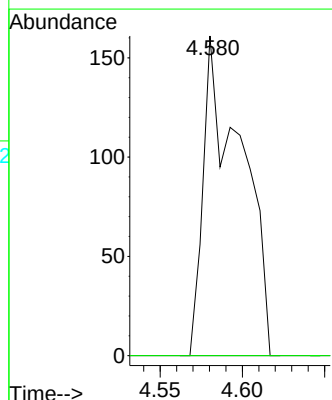
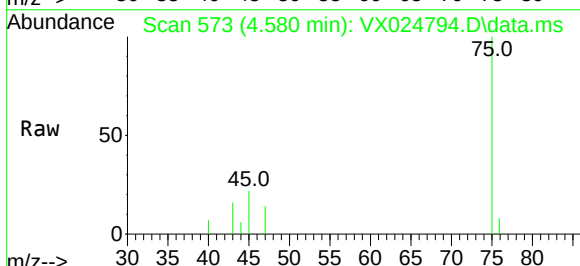
Acq: 13 Oct 2021 19:34

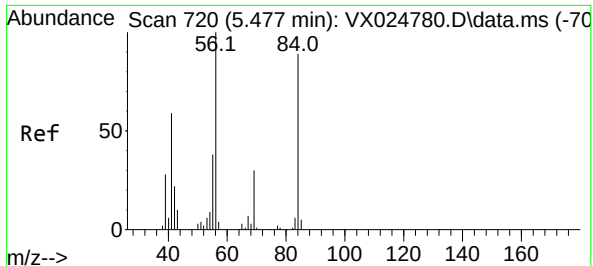
Tgt Ion: 43 Resp: 258

Ion Ratio Lower Upper

43 100

72 0.0 21.2 31.8#

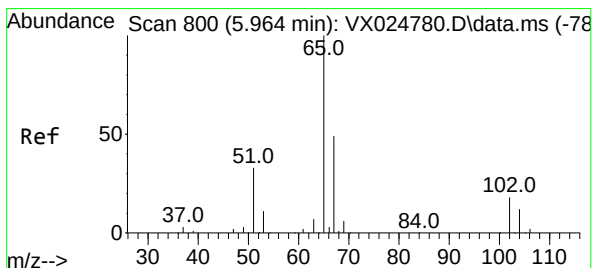
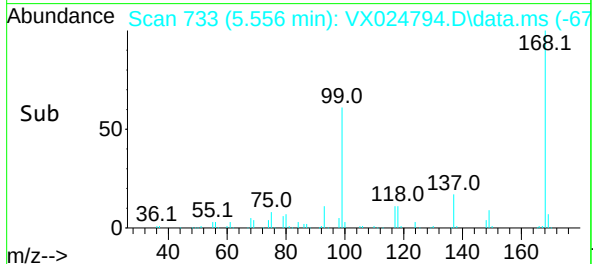
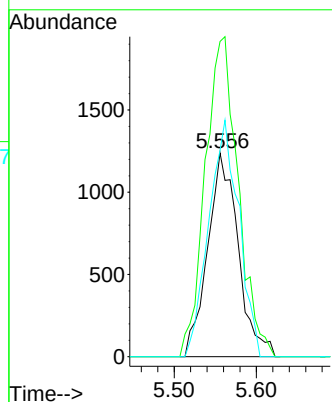
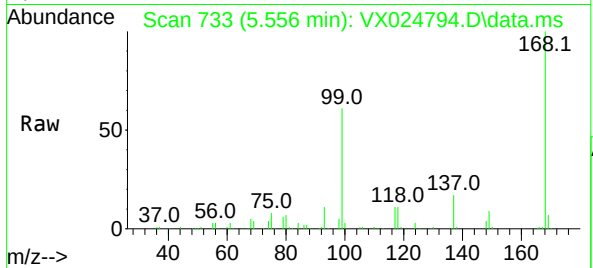




#31
Cyclohexane
Concen: 1.348 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

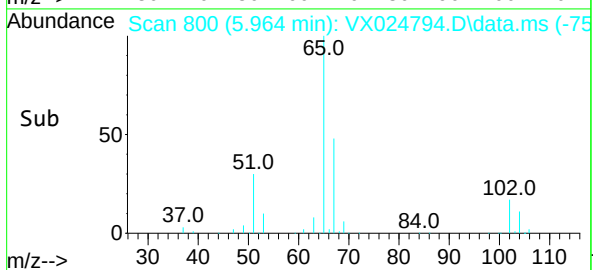
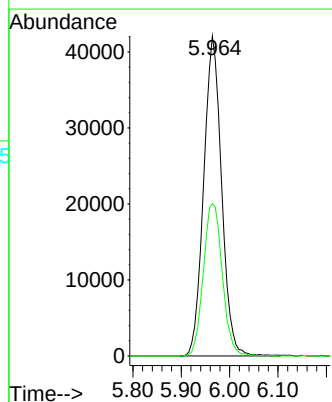
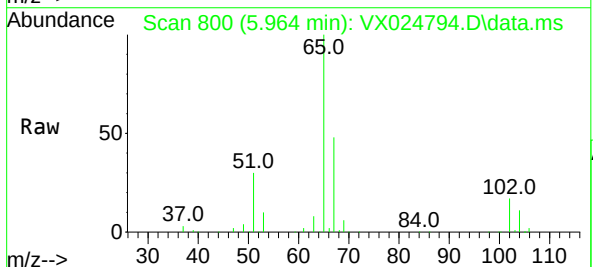
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ClientSampleId :
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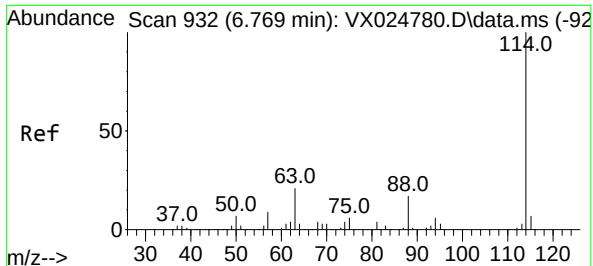
Tgt Ion: 56 Resp: 3197
Ion Ratio Lower Upper
56 100
69 154.6 24.2 36.2#
84 101.1 71.5 107.3



#33
1,2-Dichloroethane-d4
Concen: 60.812 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

Tgt Ion: 65 Resp: 108252
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.0

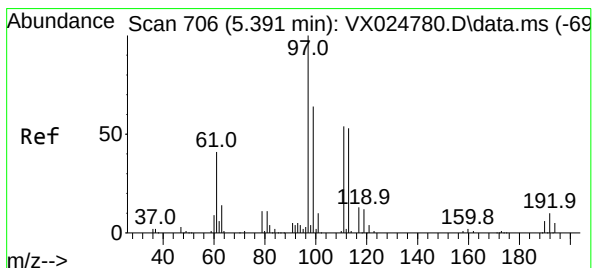
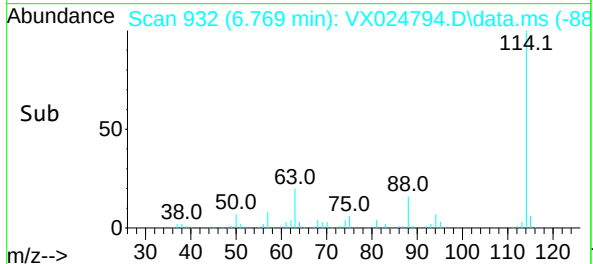
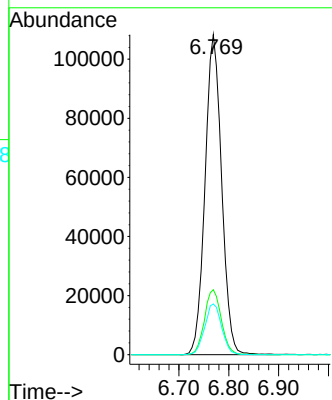
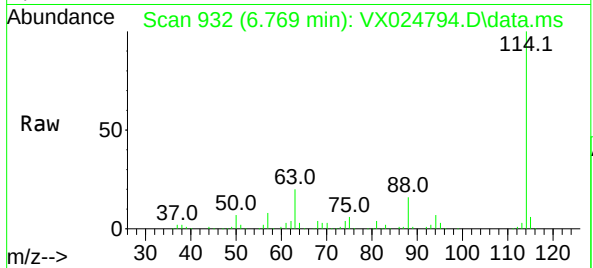




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

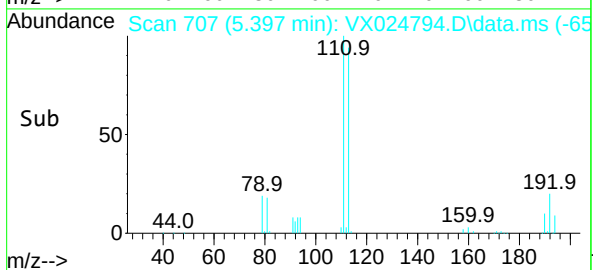
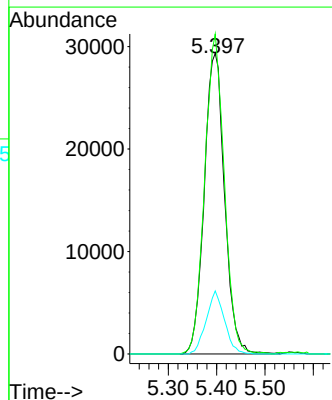
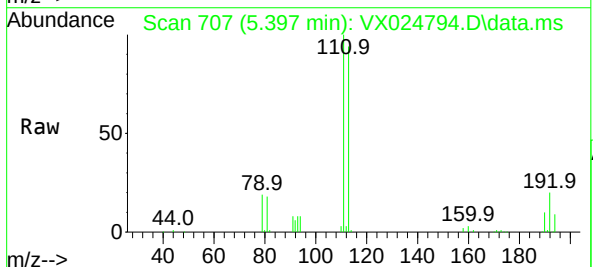
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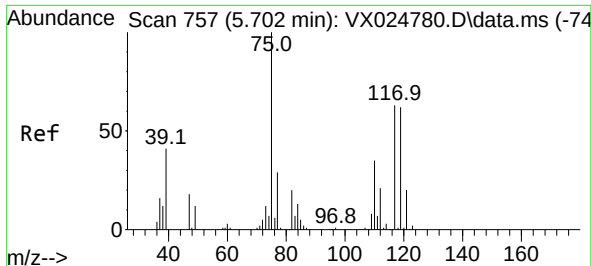
Tgt Ion:114 Resp: 250320
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.0
88 15.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 57.430 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

Tgt Ion:113 Resp: 85582
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 18.8 15.6 23.4

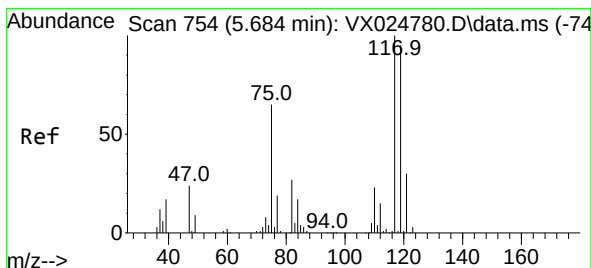
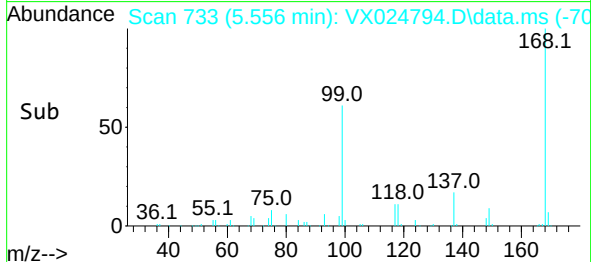
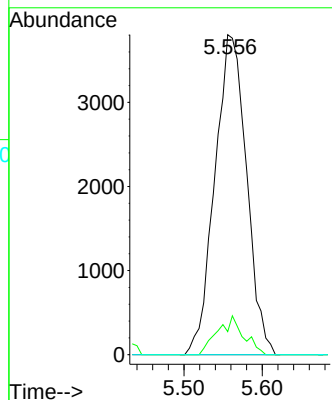
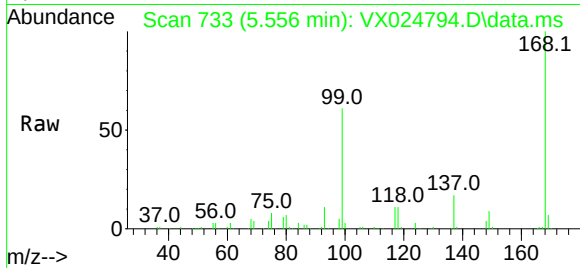




#36
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

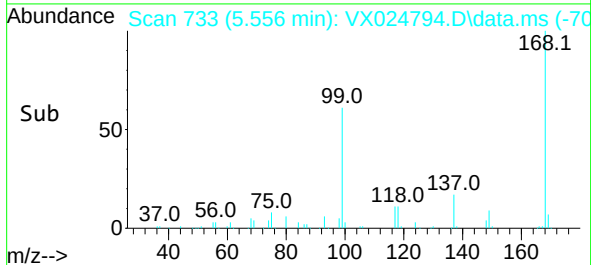
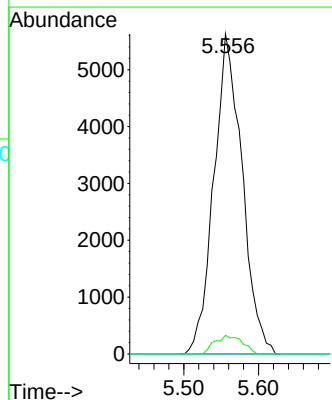
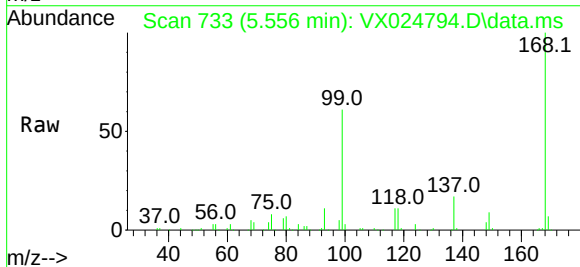
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

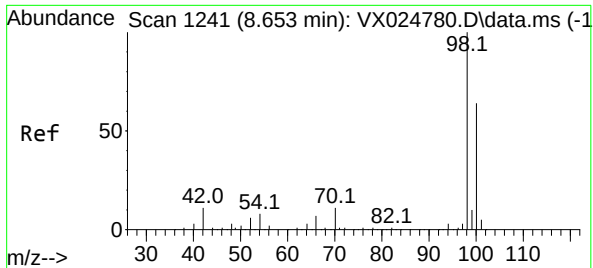
Tgt Ion: 75 Resp: 10694
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.964 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

Tgt Ion: 117 Resp: 14804
Ion Ratio Lower Upper
117 100
119 5.9 75.6 113.4#
121 0.0 23.7 35.5#

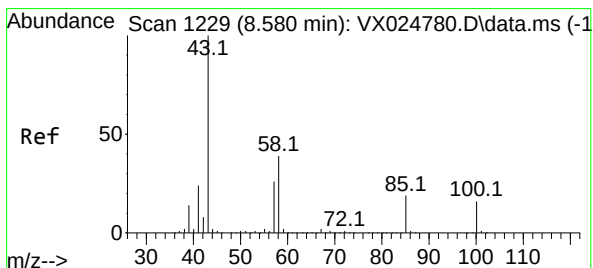
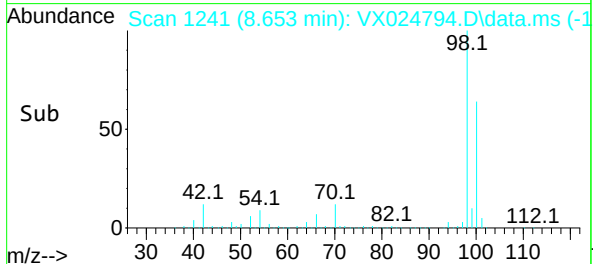
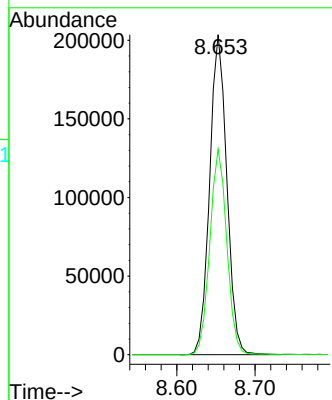
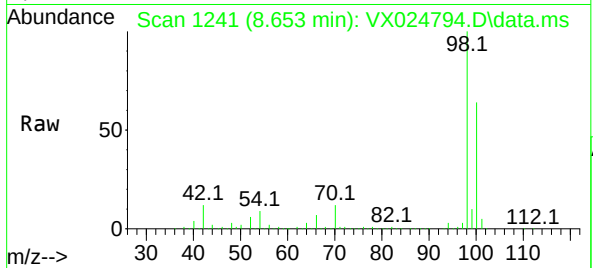




#50
Toluene-d8
Concen: 56.113 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

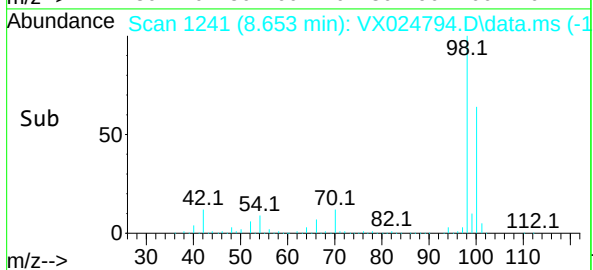
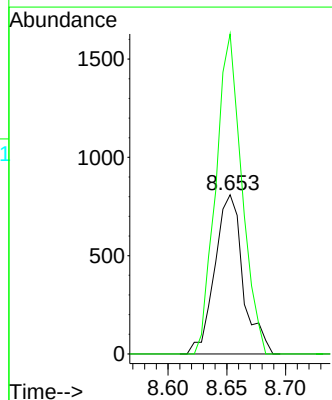
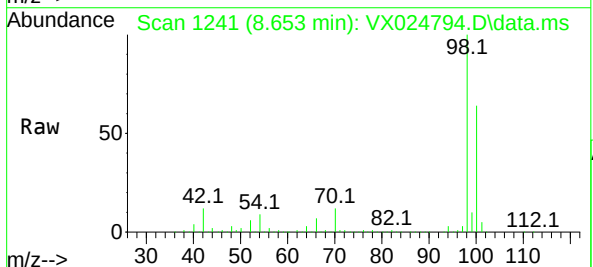
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

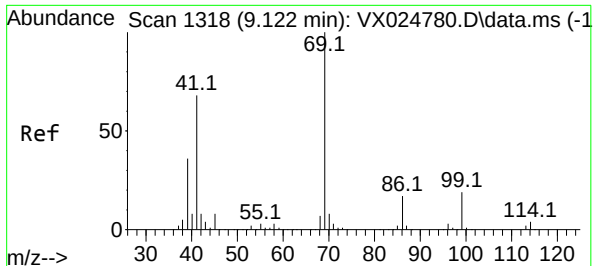
Tgt Ion: 98 Resp: 309310
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.517 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

Tgt Ion: 43 Resp: 1355
Ion Ratio Lower Upper
43 100
58 185.2 30.9 46.3#

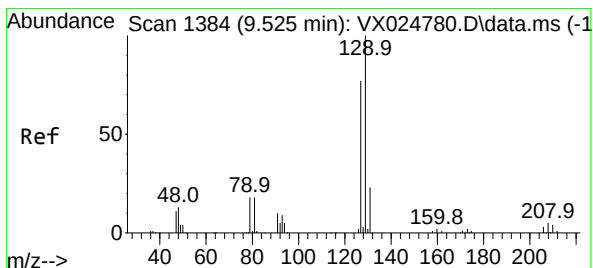
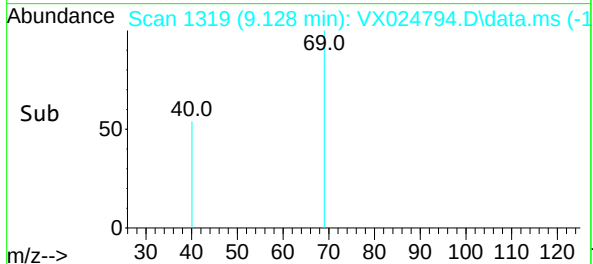
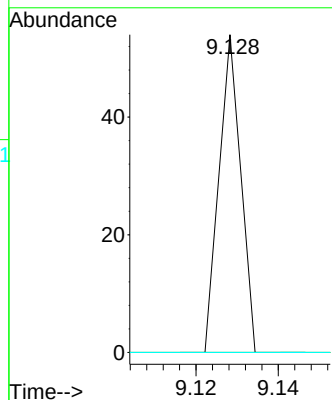
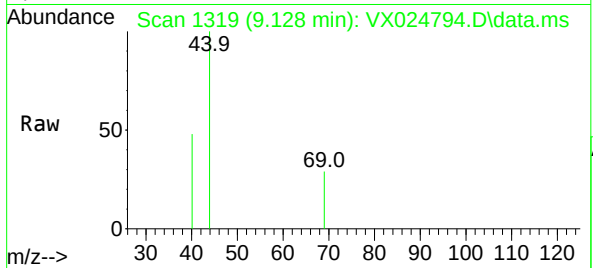




#56
Ethyl methacrylate
Concen: 0.646 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

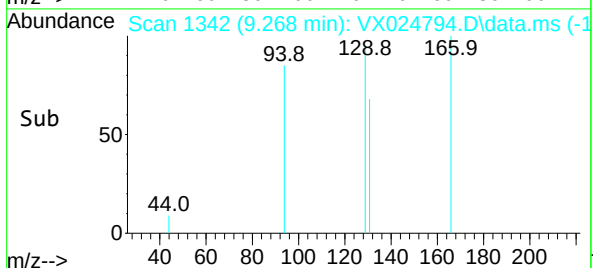
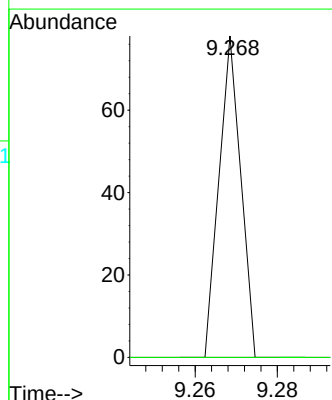
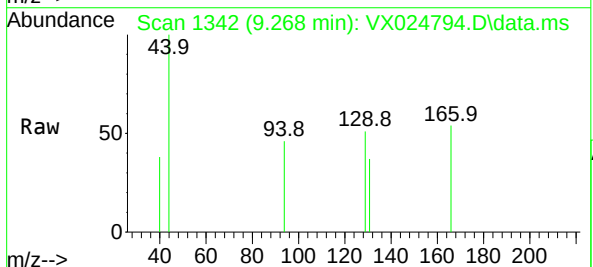
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

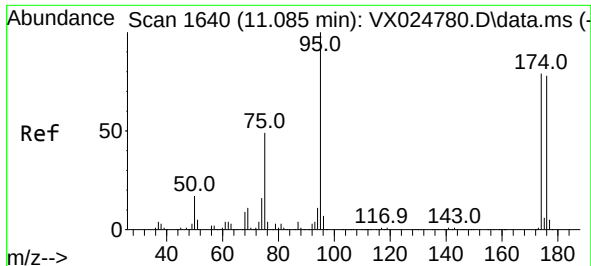
Tgt Ion: 69 Resp: 20
Ion Ratio Lower Upper
69 100
41 0.0 55.3 82.9#
39 0.0 30.2 45.4#



#60
Dibromochloromethane
Concen: 0.801 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.257 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

Tgt Ion: 129 Resp: 29
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

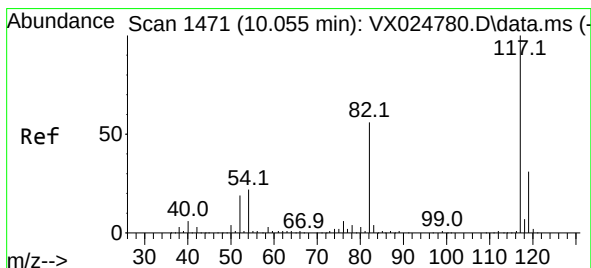
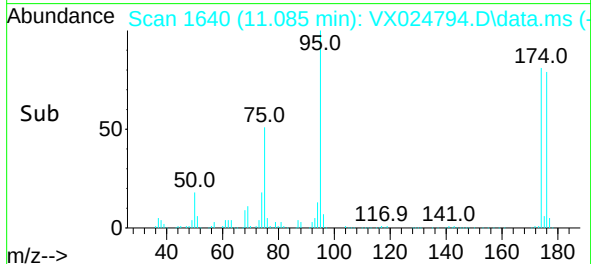
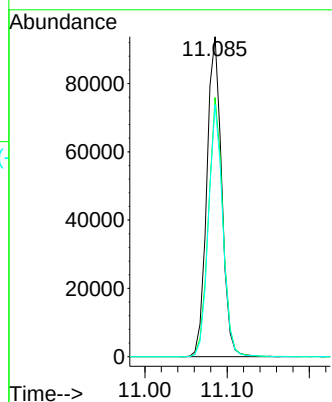
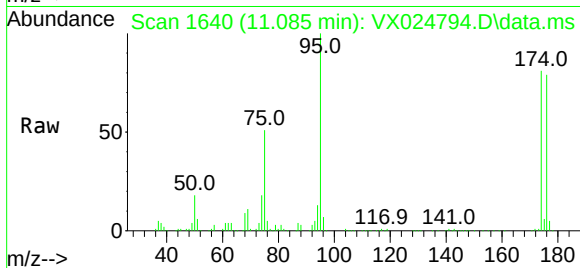




#62
4-Bromofluorobenzene
Concen: 54.131 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

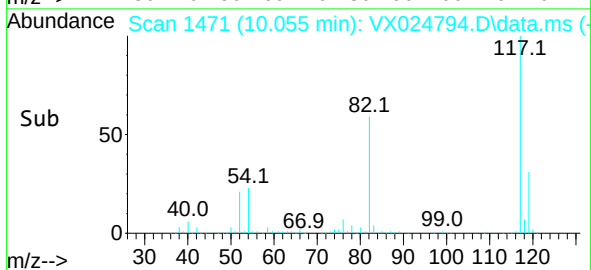
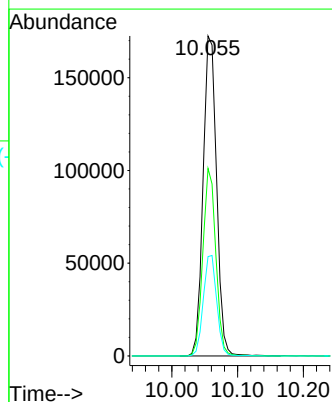
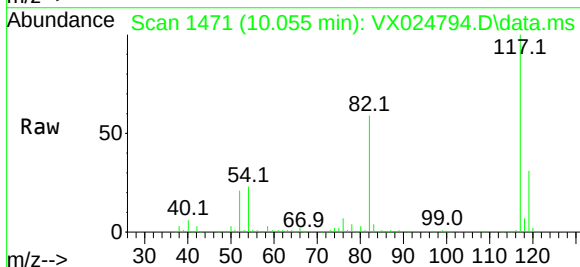
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

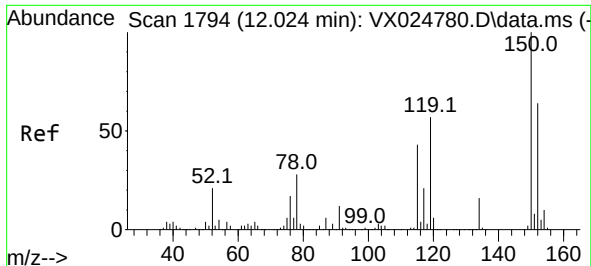
Tgt Ion: 95 Resp: 117357
Ion Ratio Lower Upper
95 100
174 78.9 0.0 158.0
176 76.3 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

Tgt Ion: 117 Resp: 245661
Ion Ratio Lower Upper
117 100
82 58.6 44.6 67.0
119 31.1 24.8 37.2

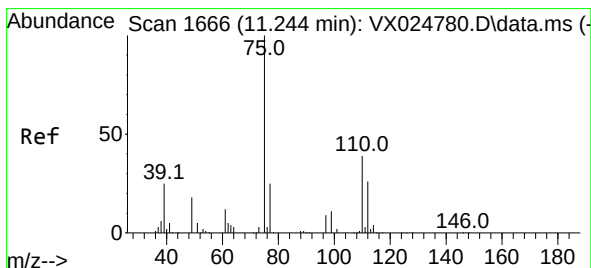
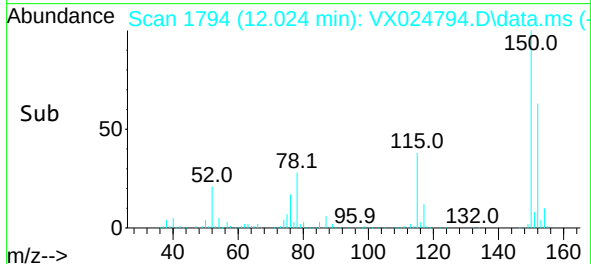
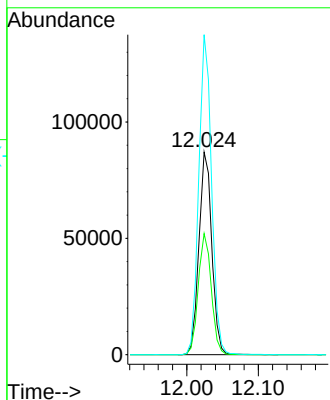
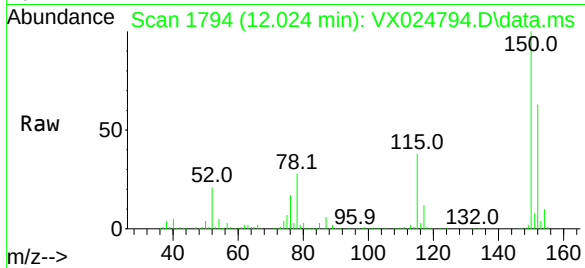




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024794.D
 Acq: 13 Oct 2021 19:34

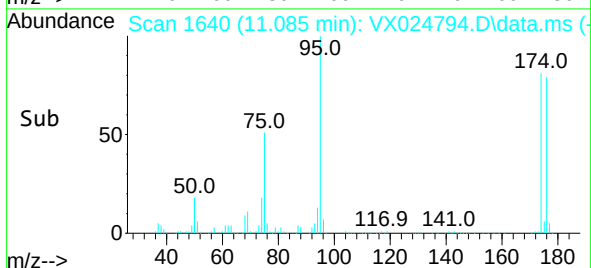
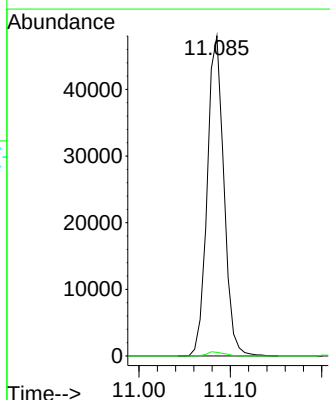
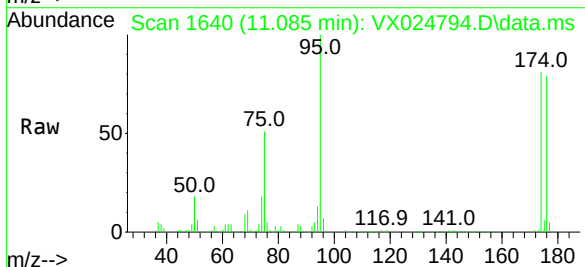
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-01-(2.0)RE

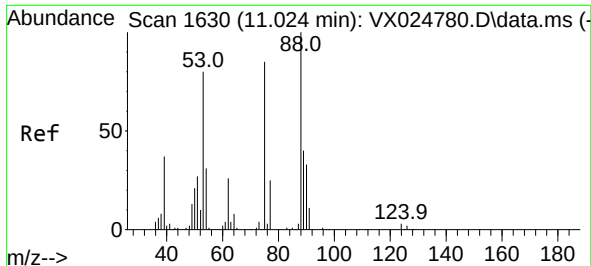
Tgt Ion:152 Resp: 108887
 Ion Ratio Lower Upper
 152 100
 115 60.3 43.3 129.8
 150 156.4 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 26.653 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024794.D
 Acq: 13 Oct 2021 19:34

Tgt Ion: 75 Resp: 60547
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.0 59.9#

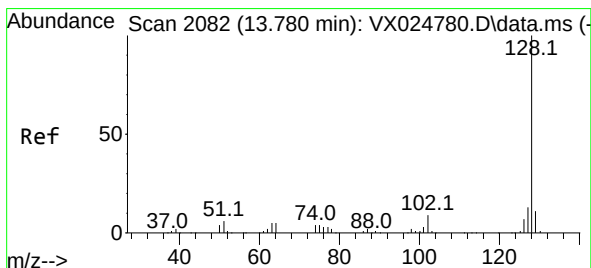
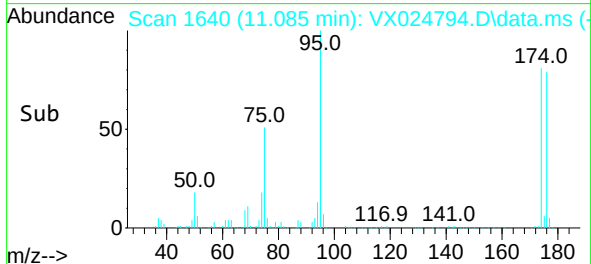
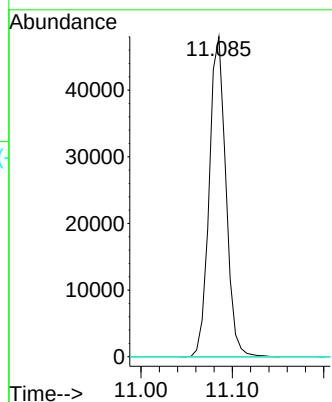
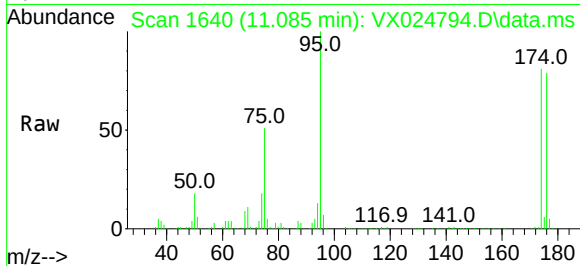




#81
trans-1,4-Dichloro-2-butene
Concen: 71.752 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

Tgt Ion: 75 Resp: 60547
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: 0.295 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX024794.D
Acq: 13 Oct 2021 19:34

Tgt Ion: 128 Resp: 312
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

