

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031338.D
 Acq On : 15 Sep 2022 05:13
 Operator : JC/MD
 Sample : VX0914WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBL02

Quant Time: Sep 15 08:29:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

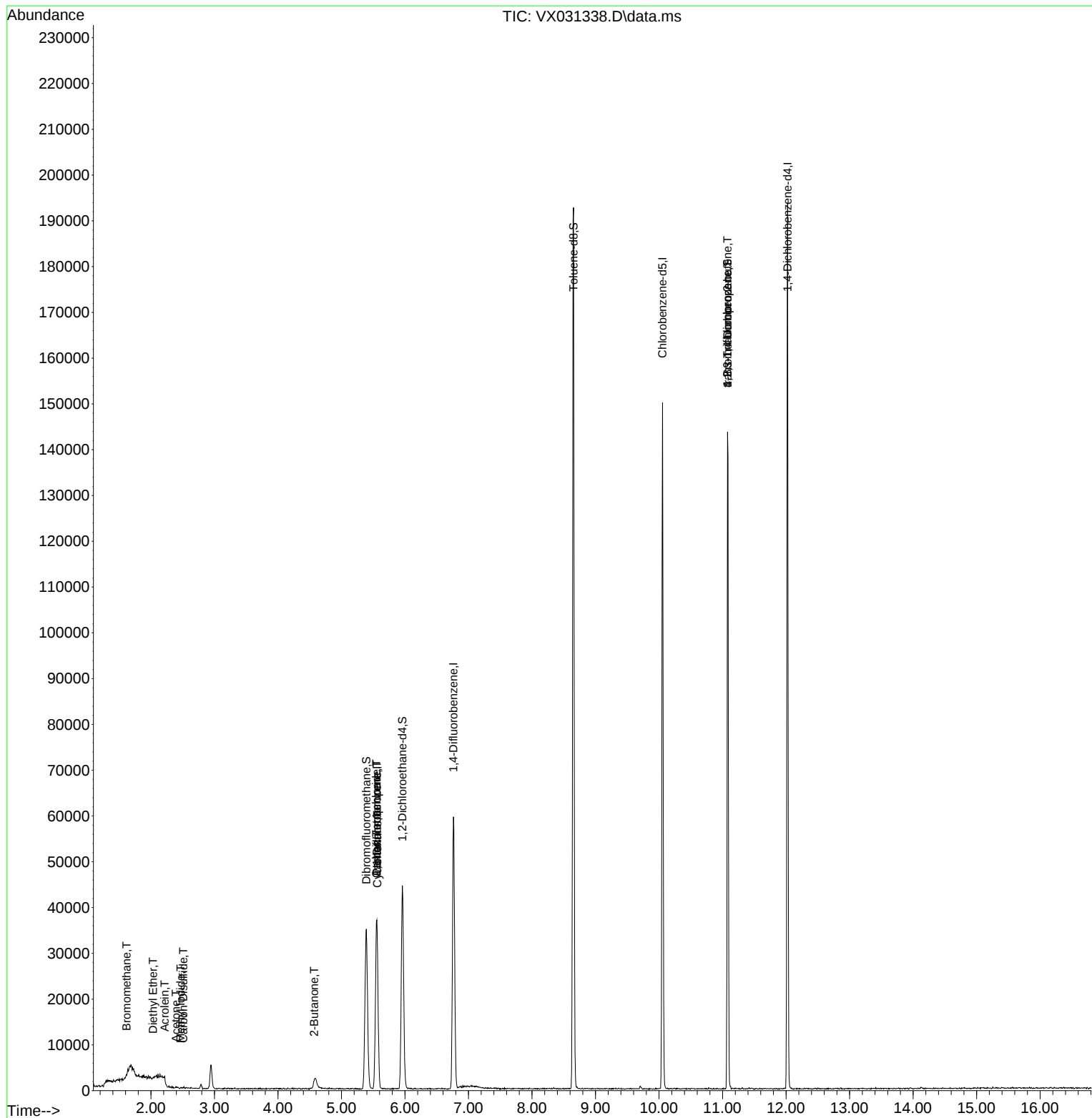
Internal Standards						
1) Pentafluorobenzene	5.556	168	32673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	57843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	58875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40591	50.614	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.220%			
35) Dibromofluoromethane	5.391	113	29052	46.725	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.440%			
50) Toluene-d8	8.653	98	110955	47.572	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.140%			
62) 4-Bromofluorobenzene	11.079	95	35831	41.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 83.900%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	87	Below Cal	#	41
5) Bromomethane	1.618	94	183	0.427	ug/l	83
8) Diethyl Ether	2.032	74	26	0.581	ug/l #	1
10) Methyl Iodide	2.465	142	132	1.154	ug/l #	38
11) Tert butyl alcohol	2.947	59	3170	Below Cal	#	73
13) Acrolein	2.215	56	63	0.681	ug/l #	65
16) Acetone	2.392	43	274	0.800	ug/l #	45
17) Carbon Disulfide	2.508	76	187	1.048	ug/l #	75
20) Methylene Chloride	2.788	84	381	Below Cal	#	88
21) trans-1,2-Dichloroethene	3.288	96	23	Below Cal	#	1
25) 2-Butanone	4.568	43	129	0.228	ug/l #	49
31) Cyclohexane	5.562	56	1030	1.195	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	3167	3.721	ug/l #	49
38) Carbon Tetrachloride	5.550	117	3619	3.912	ug/l #	13
76) 1,2,3-Trichloropropane	11.079	75	21339	24.411	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	21339	67.545	ug/l #	11

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

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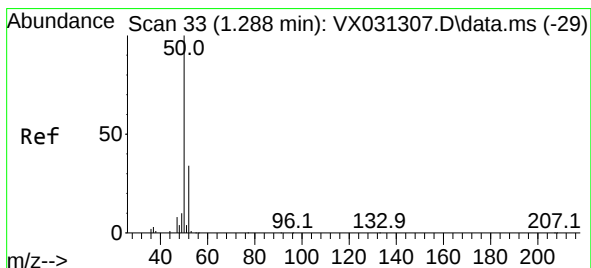
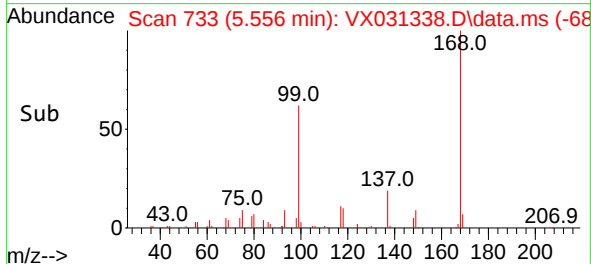
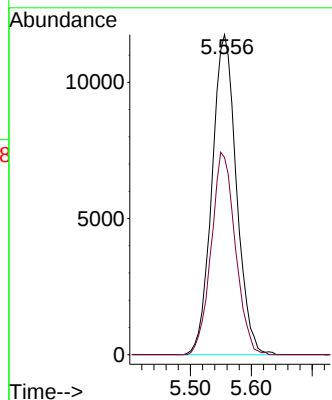
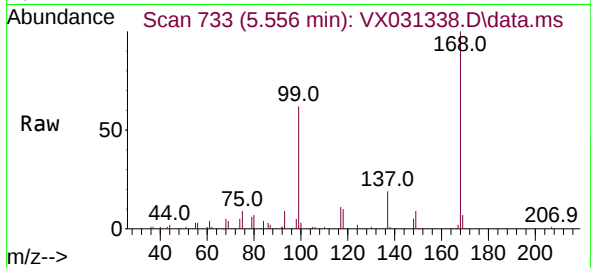




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

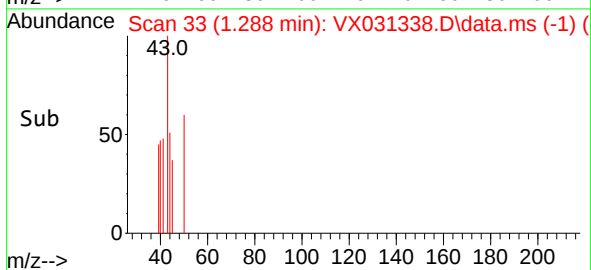
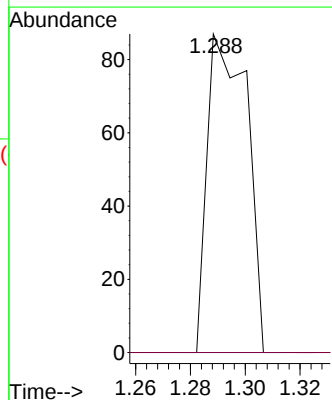
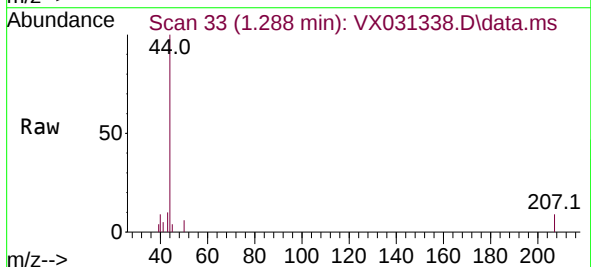
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL02

Tgt Ion:168 Resp: 32673
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

Tgt Ion: 50 Resp: 87
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

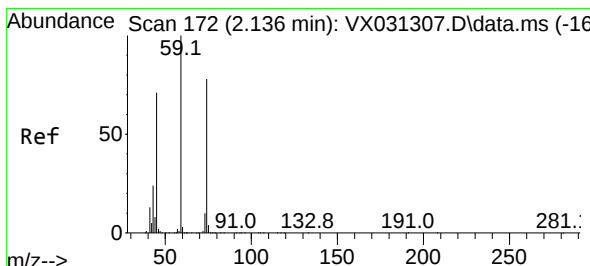
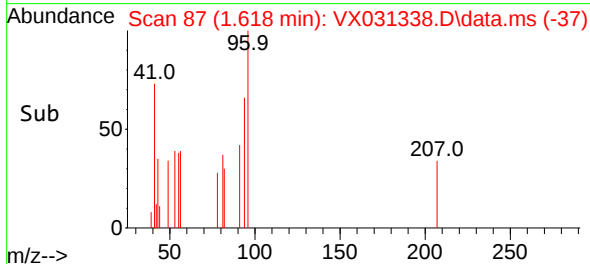
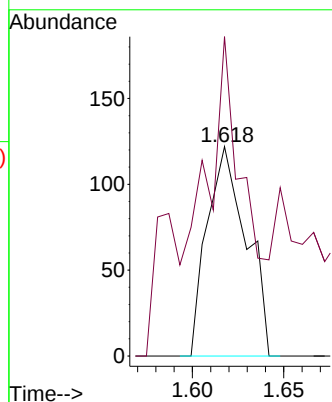
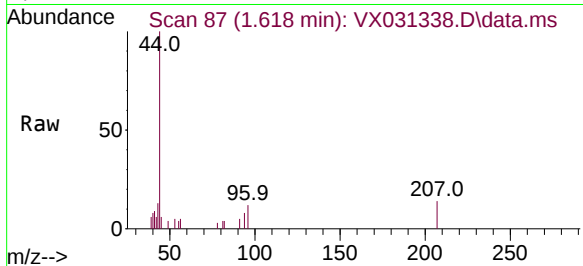




#5
Bromomethane
Concen: 0.427 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

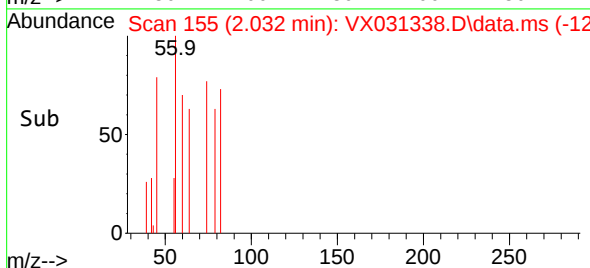
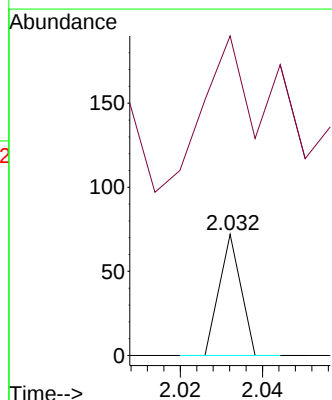
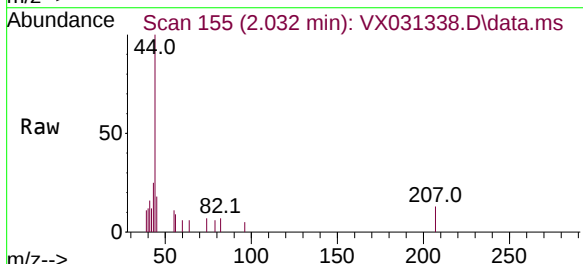
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL02

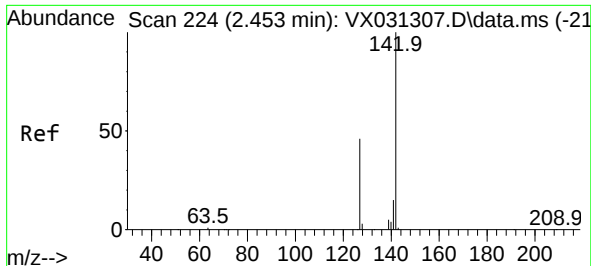
Tgt Ion: 94 Resp: 183
Ion Ratio Lower Upper
94 100
96 109.0 74.4 111.6



#8
Diethyl Ether
Concen: 0.581 ug/l
RT: 2.032 min Scan# 155
Delta R.T. -0.104 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

Tgt Ion: 74 Resp: 26
Ion Ratio Lower Upper
74 100
45 665.4 48.5 145.6#





#10

Methyl Iodide

Concen: 1.154 ug/l

RT: 2.465 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX031338.D

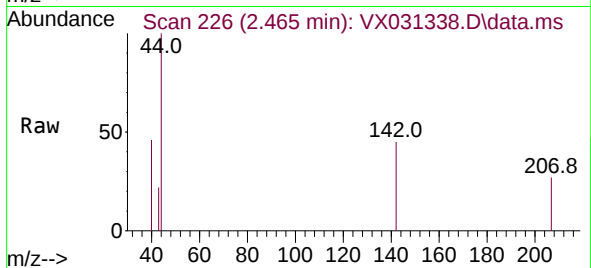
Acq: 15 Sep 2022 05:13

Instrument :

MSVOA_X

ClientSampleId :

VX0914WBL02



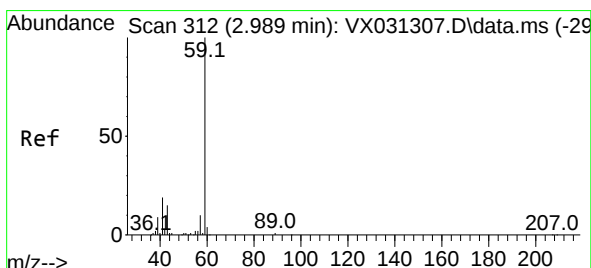
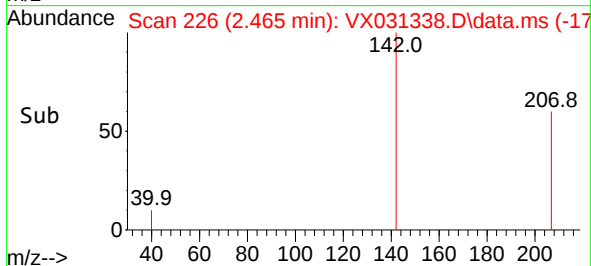
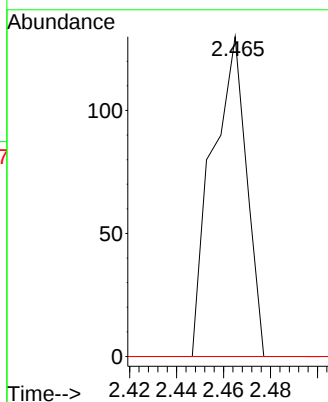
Tgt Ion:142 Resp: 132

Ion Ratio Lower Upper

142 100

127 0.0 37.4 56.0#

141 0.0 11.6 17.4#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX031338.D

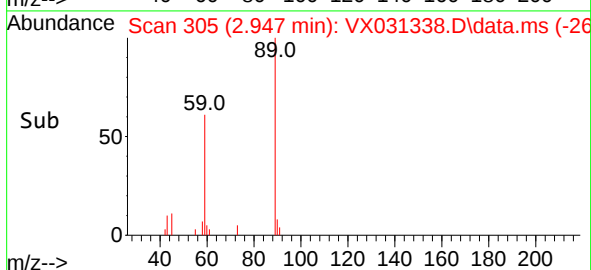
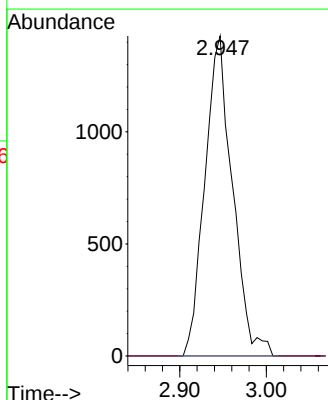
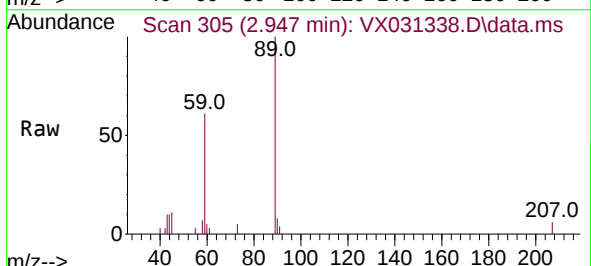
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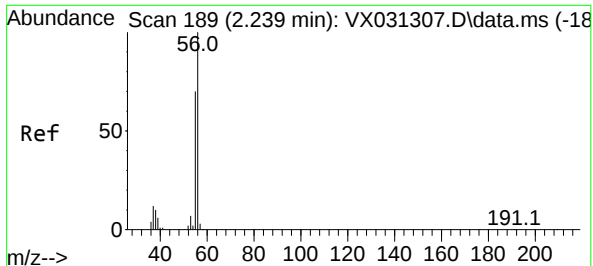
Tgt Ion: 59 Resp: 3170

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

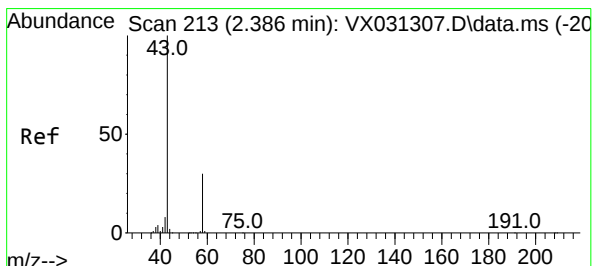
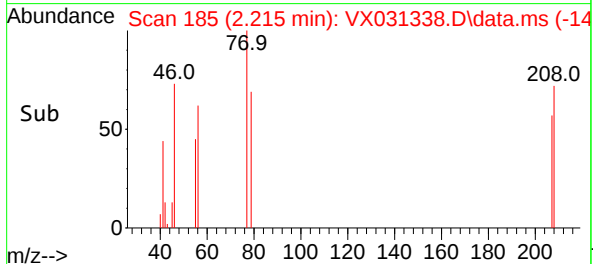
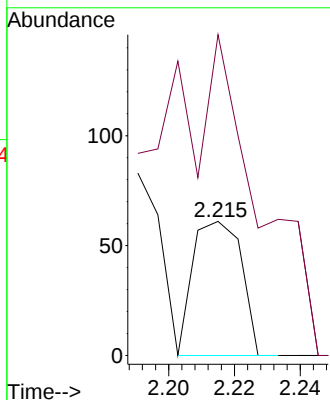
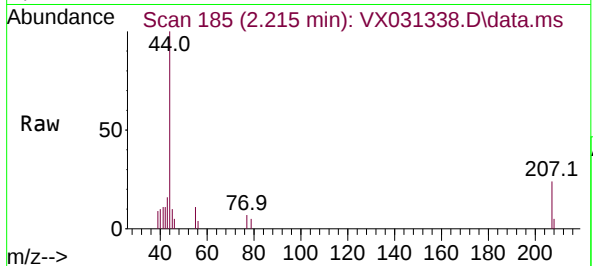




#13
Acrolein
Concen: 0.681 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

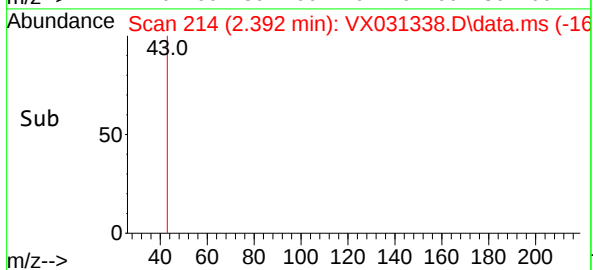
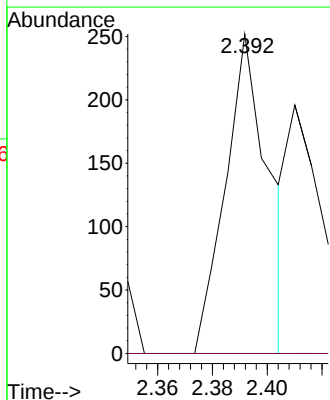
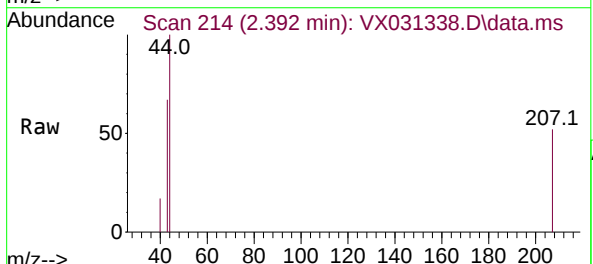
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL02

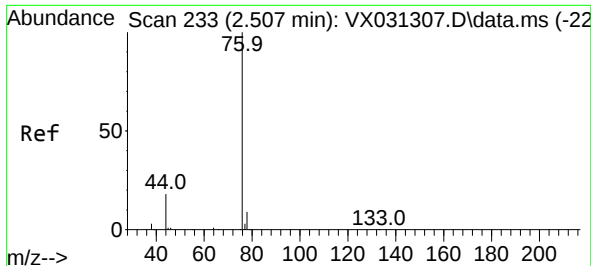
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 41.3 56.0 84.0#



#16
Acetone
Concen: 0.800 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

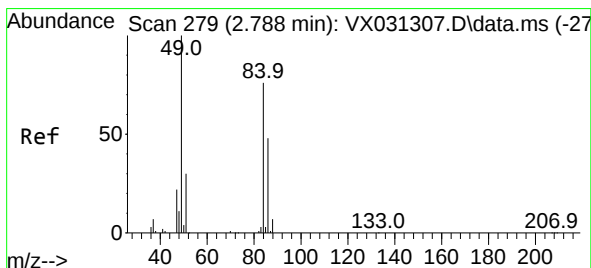
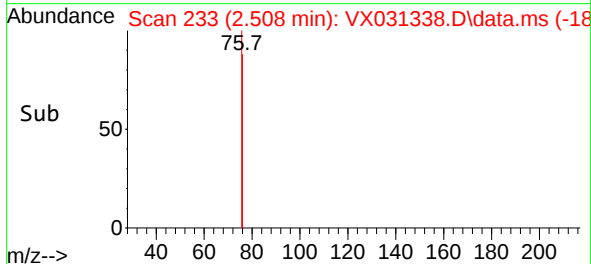
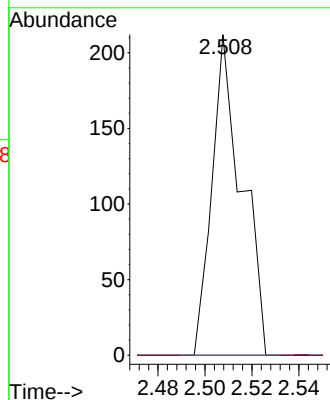
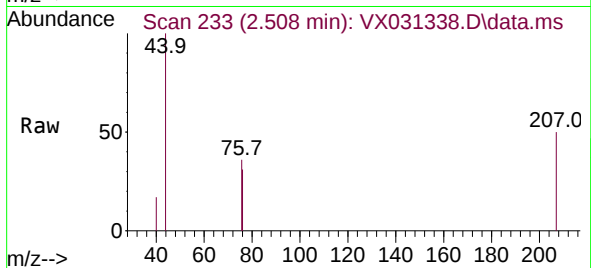




#17
Carbon Disulfide
Concen: 1.048 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

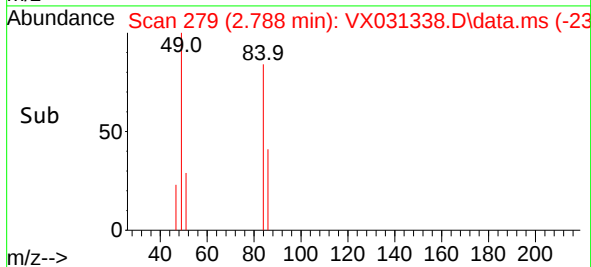
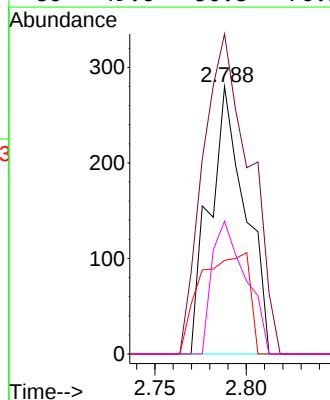
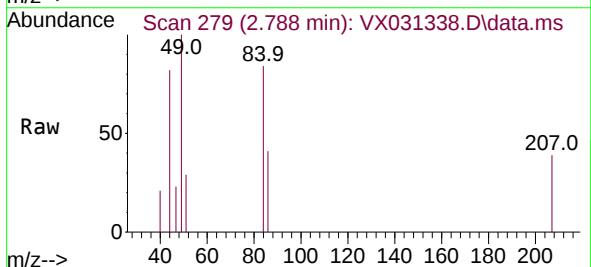
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL02

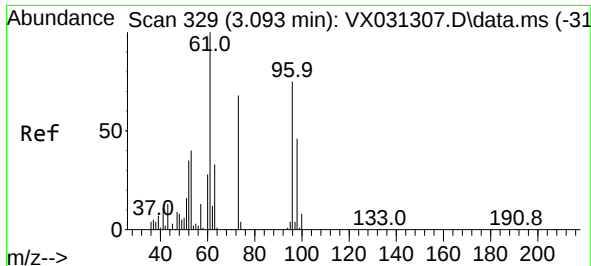
Tgt Ion: 76 Resp: 187
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

Tgt Ion: 84 Resp: 381
Ion Ratio Lower Upper
84 100
49 119.6 105.9 158.9
51 35.0 32.2 48.2
86 49.6 50.8 76.2#

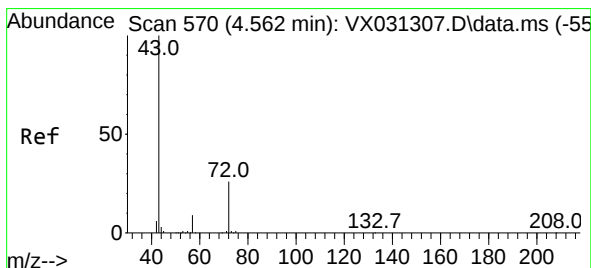
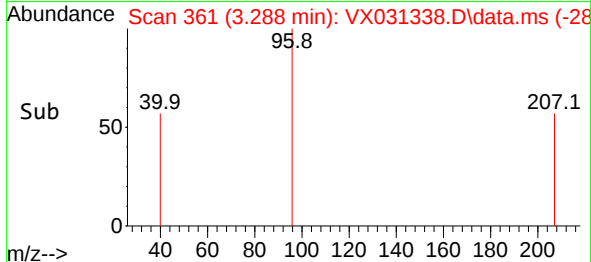
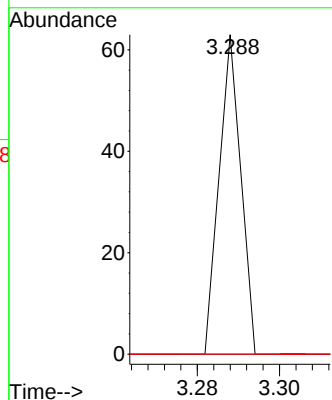
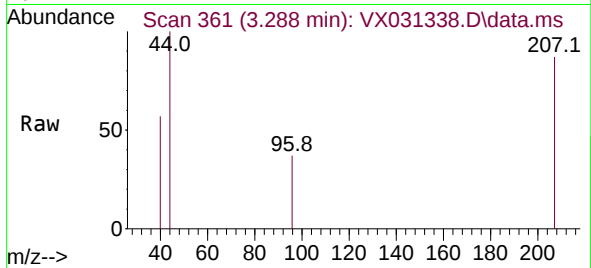




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.288 min Scan# 30
Delta R.T. 0.195 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

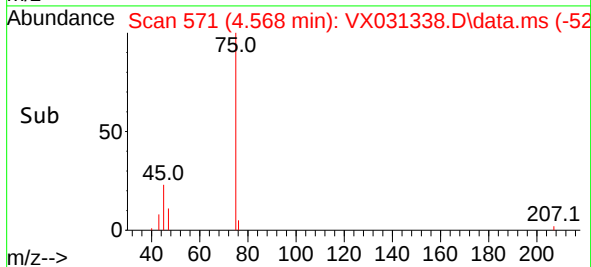
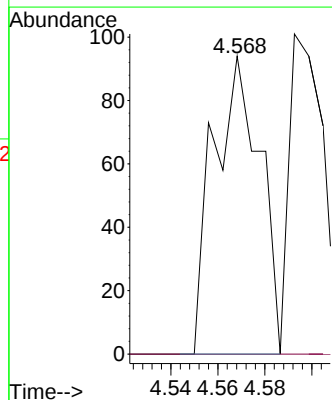
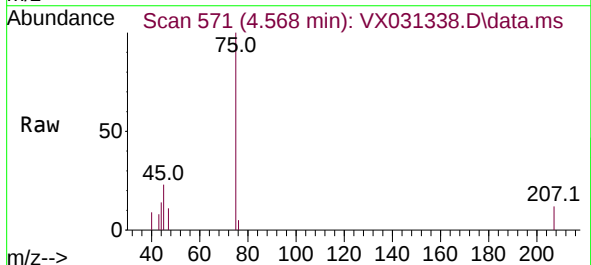
Instrument :
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ClientSampleId :
VX0914WBL02

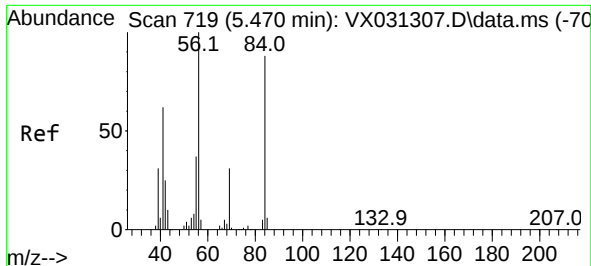
Tgt Ion: 96 Resp: 23
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#



#25
2-Butanone
Concen: 0.228 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#

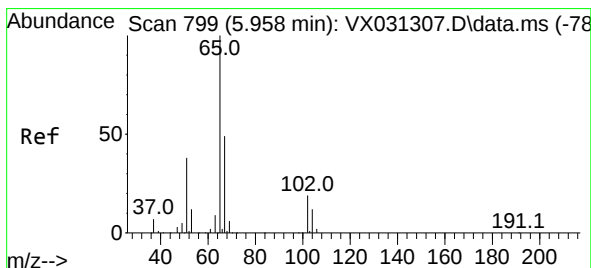
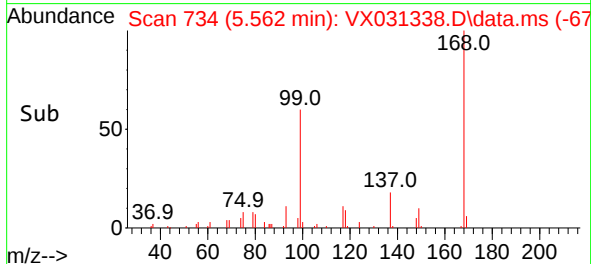
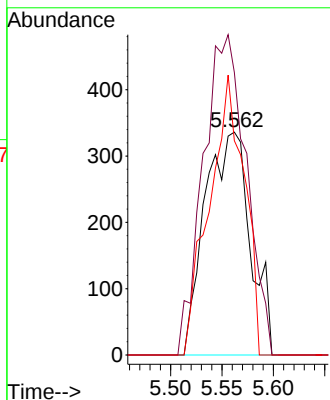
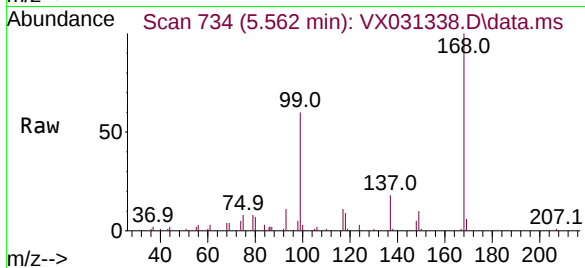




#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

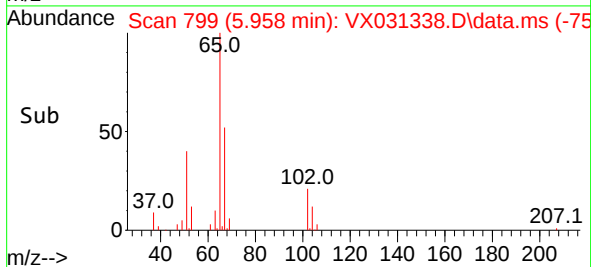
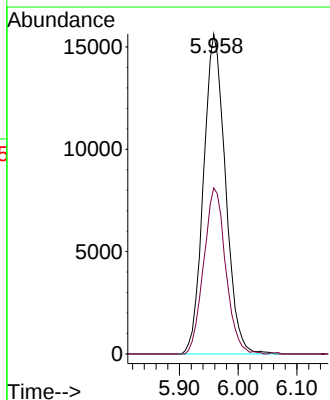
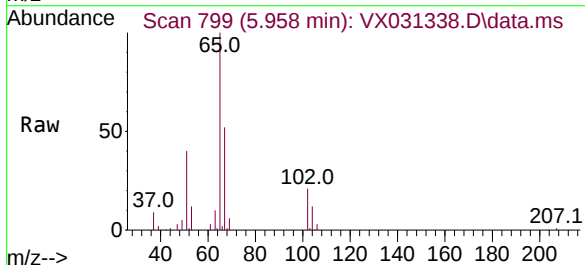
Instrument :
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VX0914WBL02

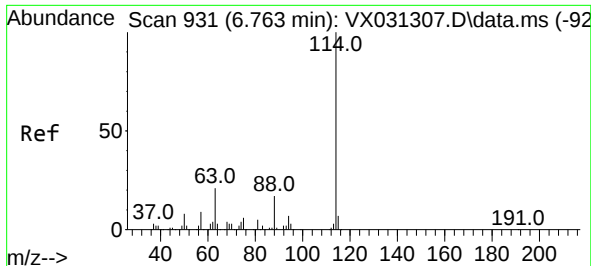
Tgt Ion: 56 Resp: 1030
Ion Ratio Lower Upper
56 100
69 126.8 25.1 37.7#
84 96.1 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 50.614 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

Tgt Ion: 65 Resp: 40591
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4

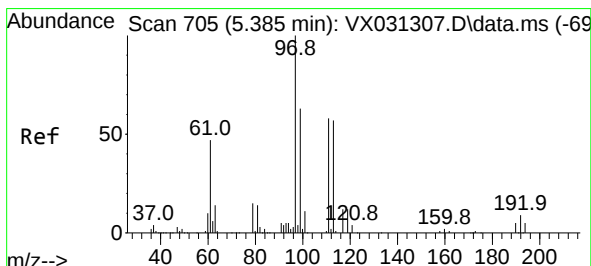
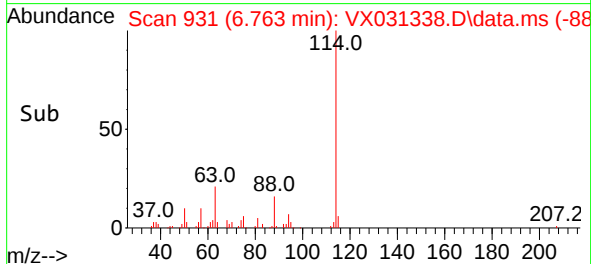
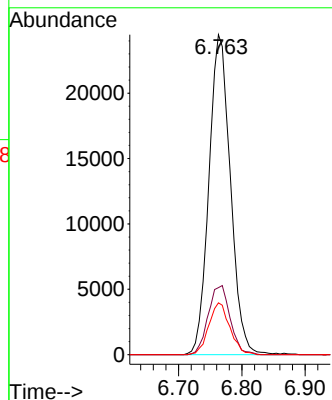
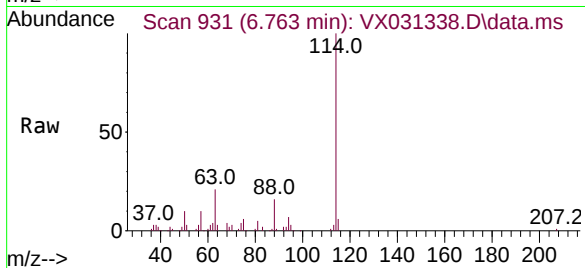




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

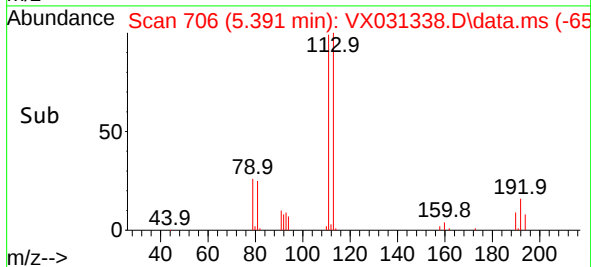
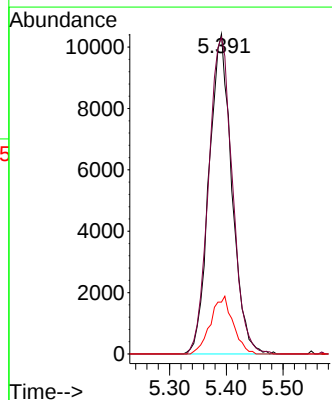
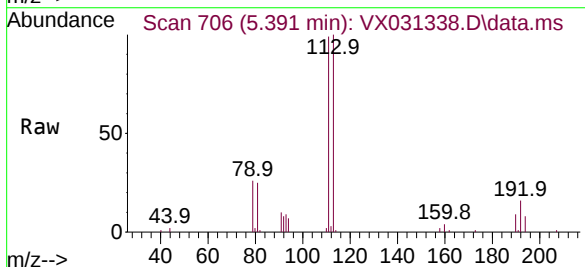
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL02

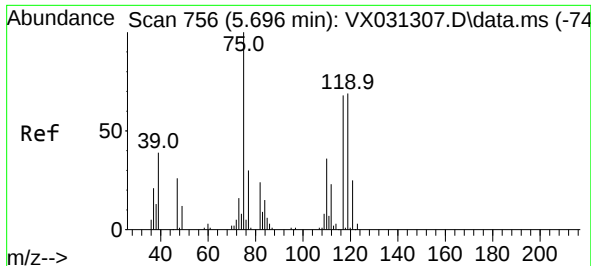
Tgt Ion:114 Resp: 57843
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 16.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.725 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

Tgt Ion:113 Resp: 29052
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 17.8 14.1 21.1

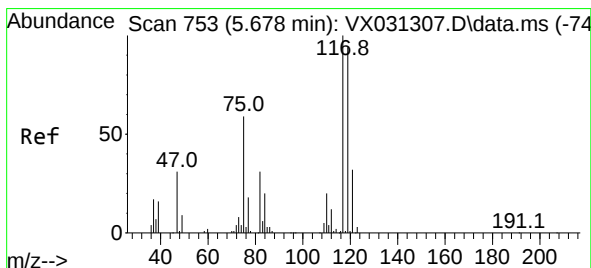
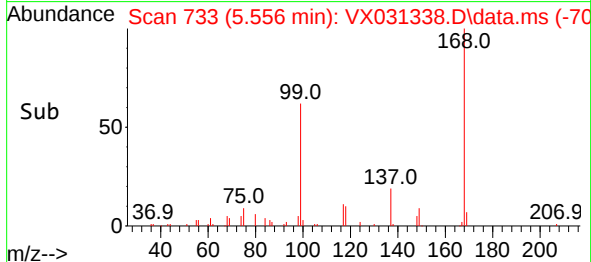
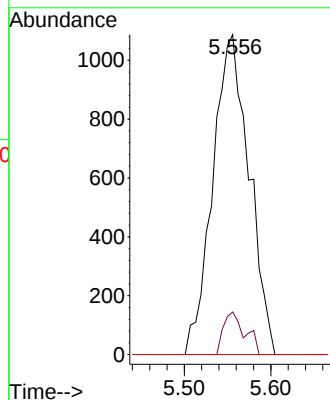
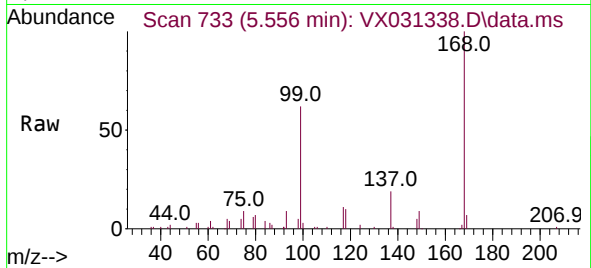




#36
1,1-Dichloropropene
Concen: 3.721 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

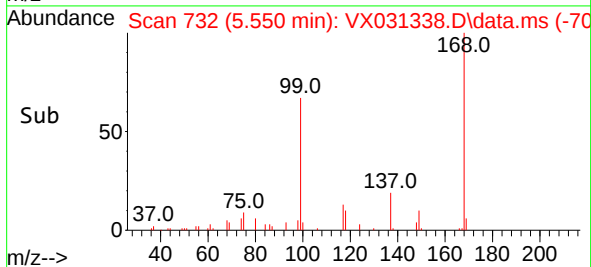
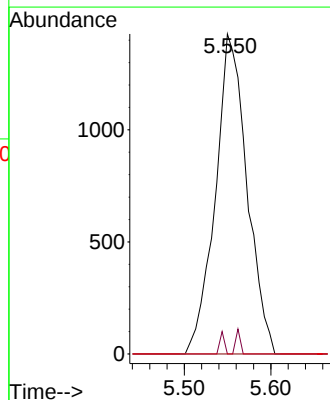
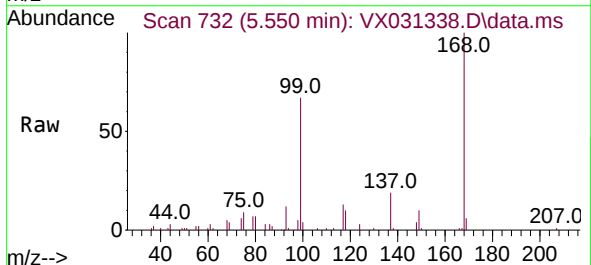
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL02

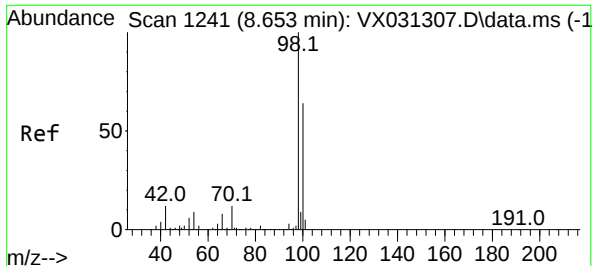
Tgt Ion: 75 Resp: 3167
Ion Ratio Lower Upper
75 100
110 7.9 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.912 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

Tgt Ion: 117 Resp: 3619
Ion Ratio Lower Upper
117 100
119 0.0 74.6 112.0#
121 0.0 25.3 37.9#

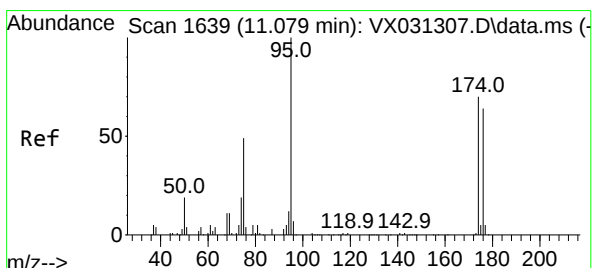
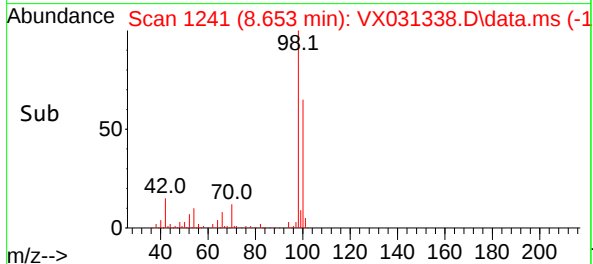
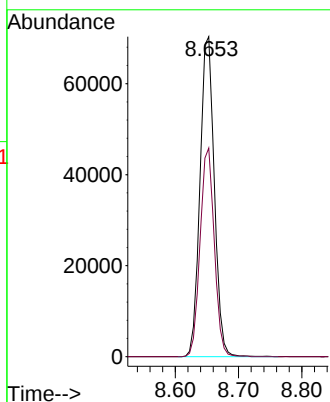
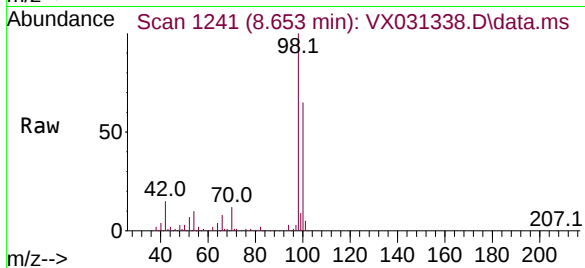




#50
Toluene-d8
Concen: 47.572 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

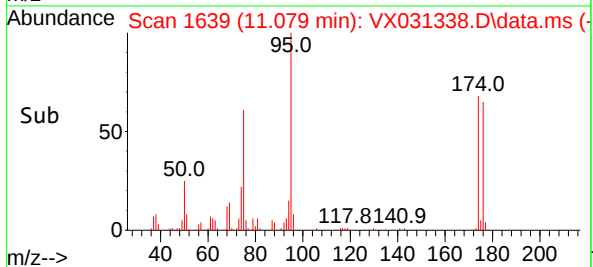
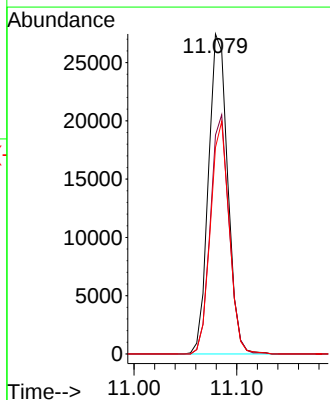
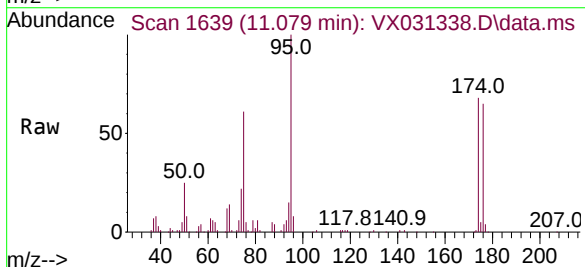
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL02

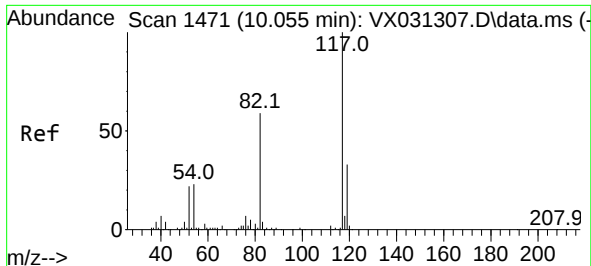
Tgt Ion: 98 Resp: 110955
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 41.952 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

Tgt Ion: 95 Resp: 35831
Ion Ratio Lower Upper
95 100
174 72.6 0.0 153.2
176 70.8 0.0 144.0

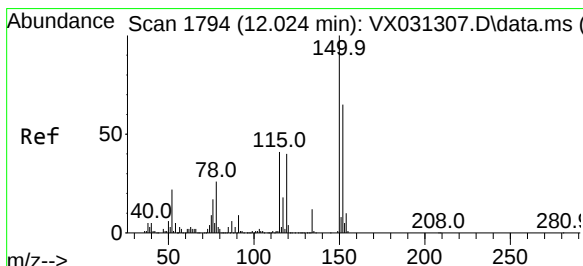
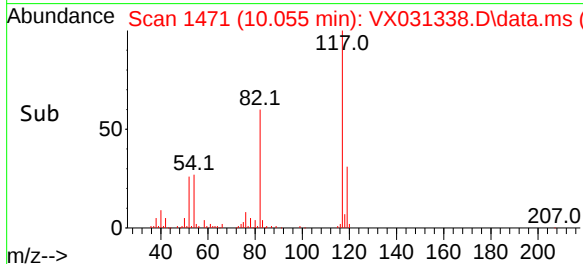
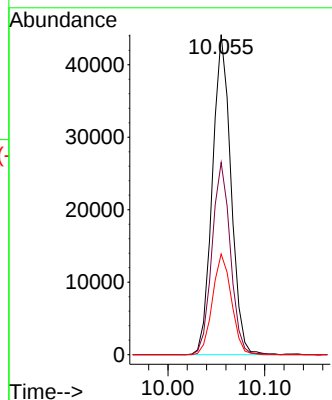
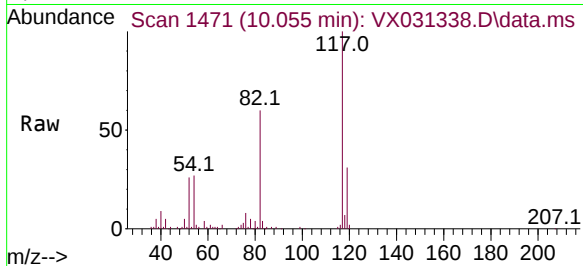




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

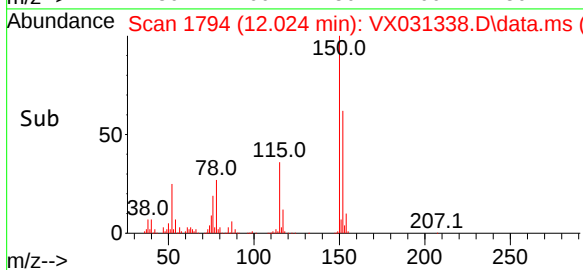
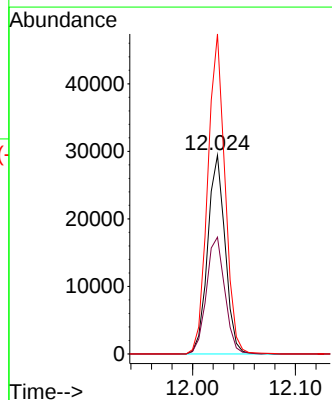
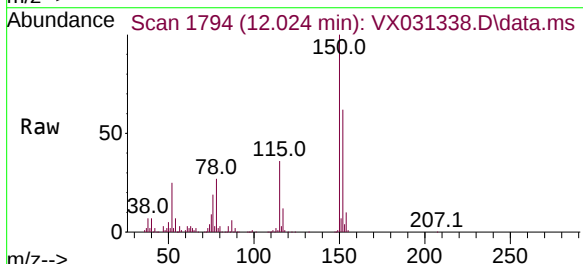
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL02

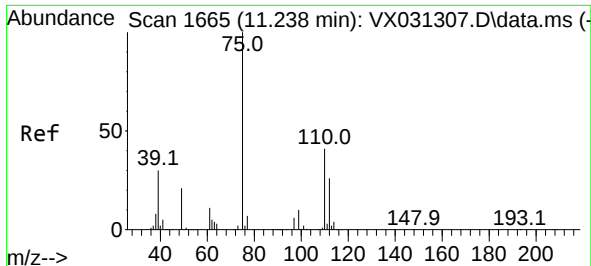
Tgt Ion:117 Resp: 58875
Ion Ratio Lower Upper
117 100
82 60.0 46.8 70.2
119 31.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

Tgt Ion:152 Resp: 34689
Ion Ratio Lower Upper
152 100
115 62.1 43.4 130.1
150 159.6 0.0 346.8

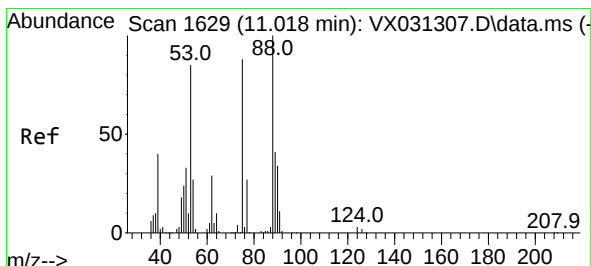
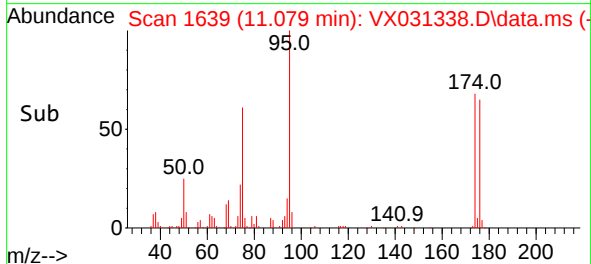
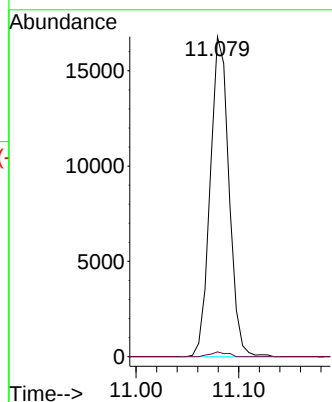
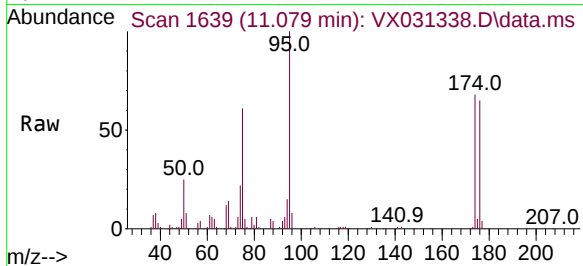




#76
1,2,3-Trichloropropane
Concen: 24.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBL02

Tgt Ion: 75 Resp: 21339
Ion Ratio Lower Upper
75 100
77 1.4 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.545 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031338.D
Acq: 15 Sep 2022 05:13

Tgt Ion: 75 Resp: 21339
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

