

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031368.D
 Acq On : 15 Sep 2022 20:53
 Operator : JC/MD
 Sample : N4508-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-090222

Quant Time: Sep 16 04:58:22 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)

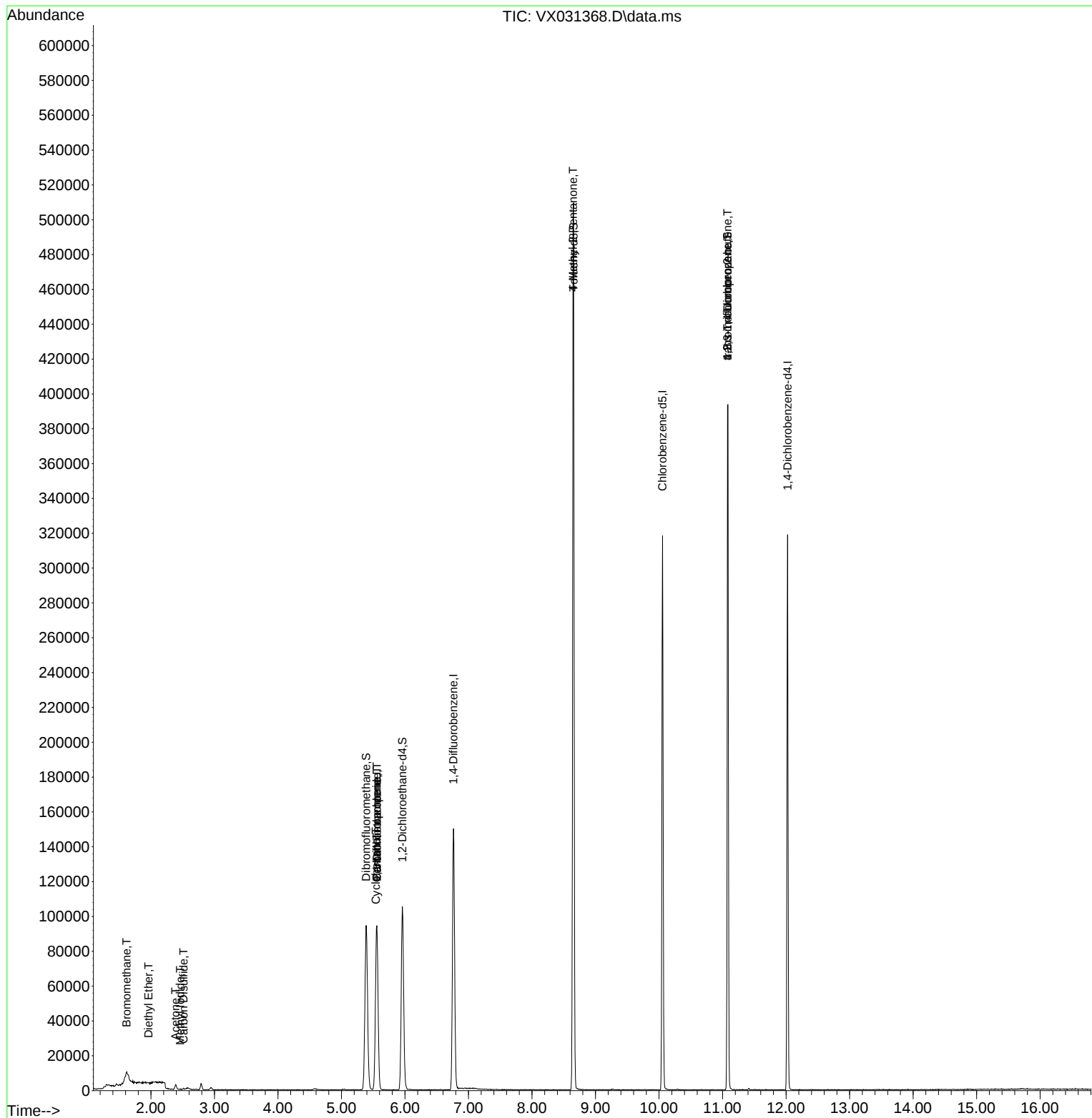
Internal Standards						
1) Pentafluorobenzene	5.556	168	91065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94014	42.060	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.120%		
35) Dibromofluoromethane	5.385	113	77767	47.644	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.280%		
50) Toluene-d8	8.653	98	297172	48.535	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.080%		
62) 4-Bromofluorobenzene	11.079	95	93595	41.744	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.480%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	183	Below Cal	#	41
5) Bromomethane	1.618	94	492	0.412	ug/l #	50
8) Diethyl Ether	1.959	74	44	0.561	ug/l #	1
10) Methyl Iodide	2.459	142	22	0.923	ug/l #	38
11) Tert butyl alcohol	2.940	59	748	Below Cal	#	73
16) Acetone	2.386	43	3105	3.254	ug/l #	82
17) Carbon Disulfide	2.514	76	799	1.138	ug/l #	90
20) Methylene Chloride	2.794	84	1569	Below Cal	#	74
21) trans-1,2-Dichloroethene	3.117	96	28	Below Cal	#	1
31) Cyclohexane	5.544	56	2207	0.919	ug/l #	42
36) 1,1-Dichloropropene	5.556	75	6938	3.105	ug/l #	48
38) Carbon Tetrachloride	5.556	117	9456	3.894	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1773	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54073	35.271	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	54073	97.595	ug/l #	11

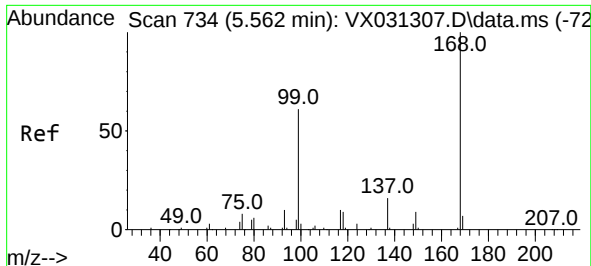
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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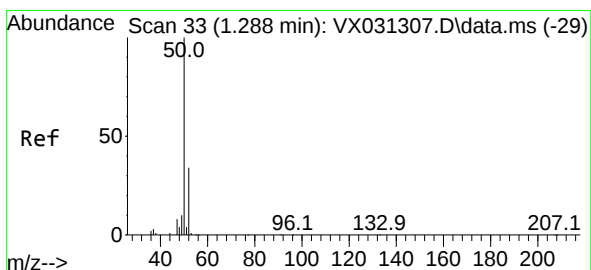
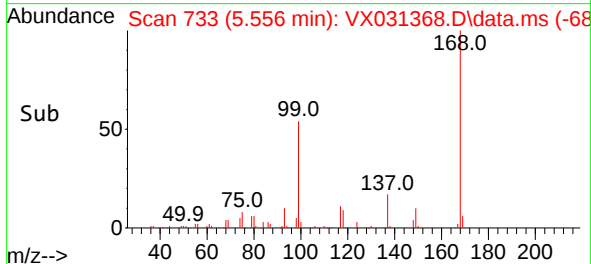
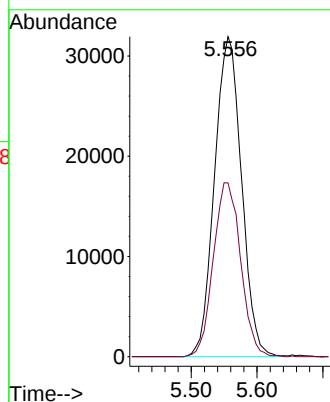
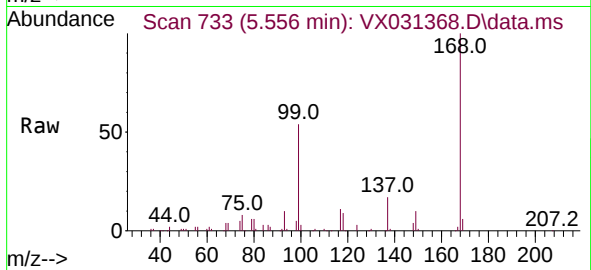




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

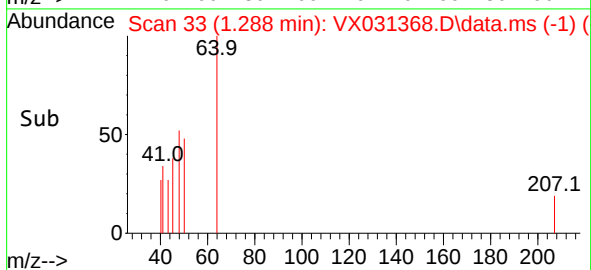
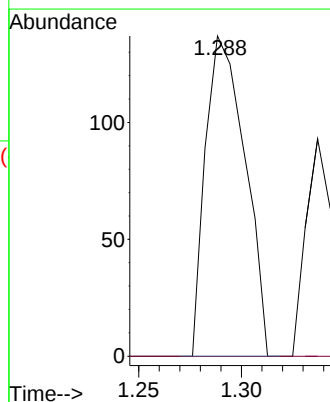
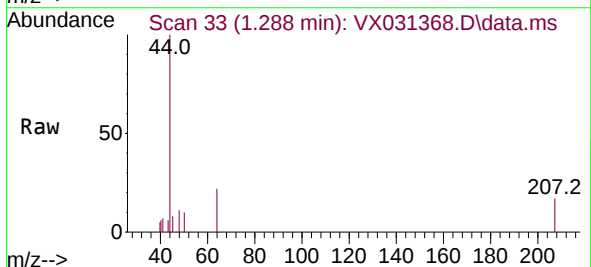
Instrument :
MSVOA_X
ClientSampleId :
EB01-090222

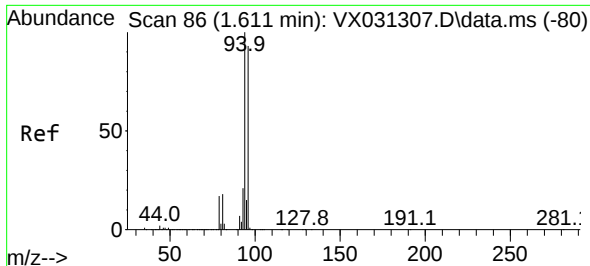
Tgt Ion:168 Resp: 91065
Ion Ratio Lower Upper
168 100
99 54.3 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

Tgt Ion: 50 Resp: 183
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

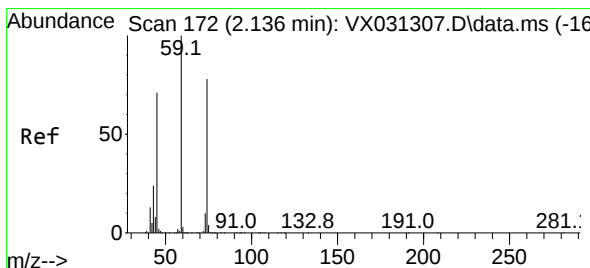
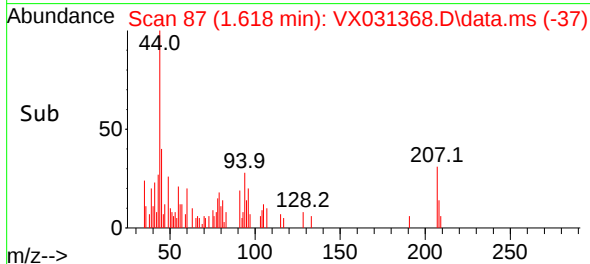
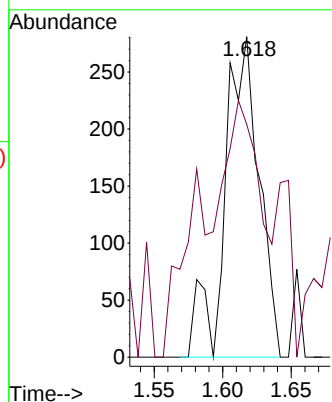
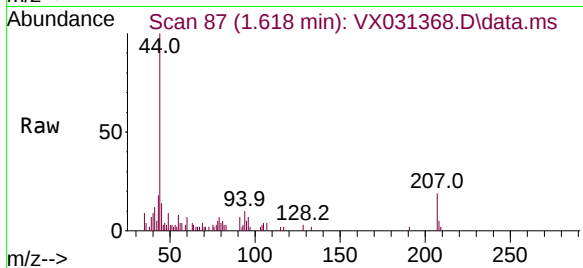




#5
Bromomethane
Concen: 0.412 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

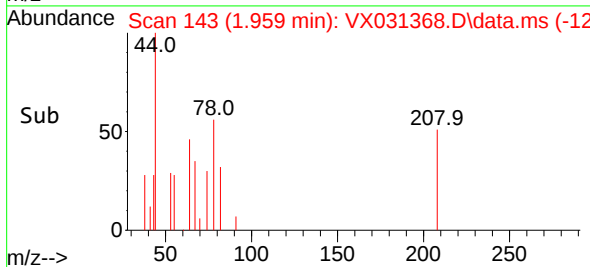
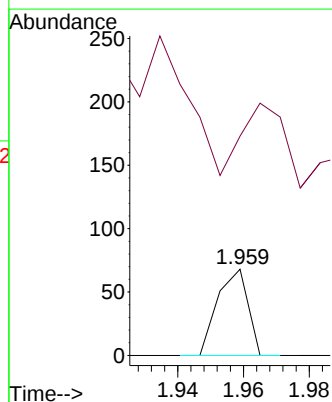
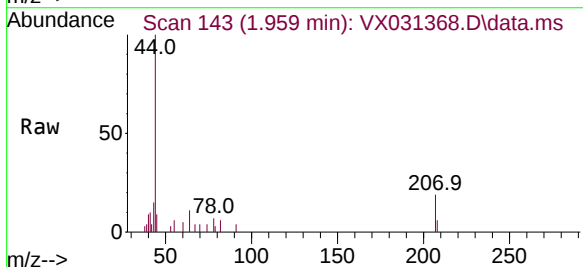
Instrument :
MSVOA_X
ClientSampleId :
EB01-090222

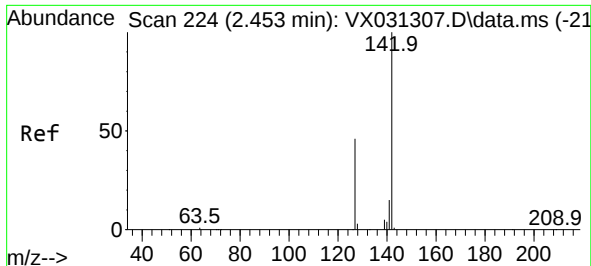
Tgt Ion: 94 Resp: 492
Ion Ratio Lower Upper
94 100
96 45.2 74.4 111.6#



#8
Diethyl Ether
Concen: 0.561 ug/l
RT: 1.959 min Scan# 143
Delta R.T. -0.177 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

Tgt Ion: 74 Resp: 44
Ion Ratio Lower Upper
74 100
45 0.0 48.5 145.6#

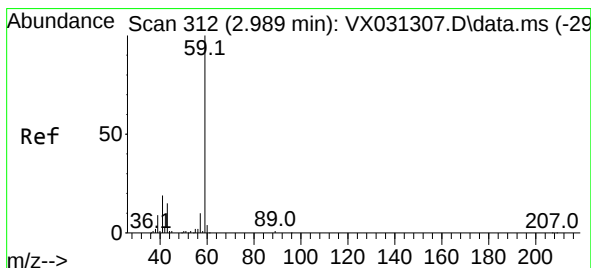
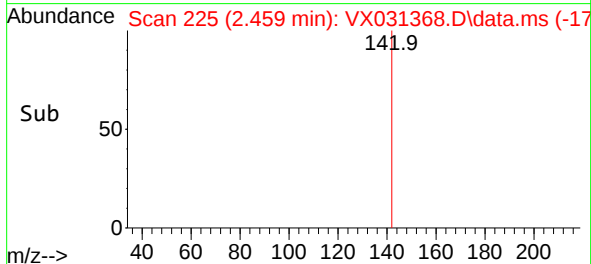
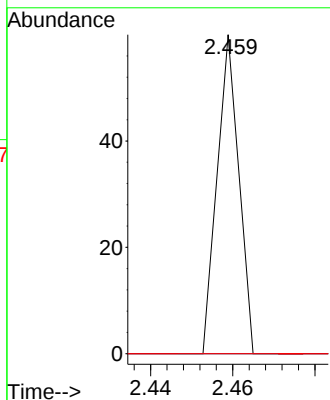
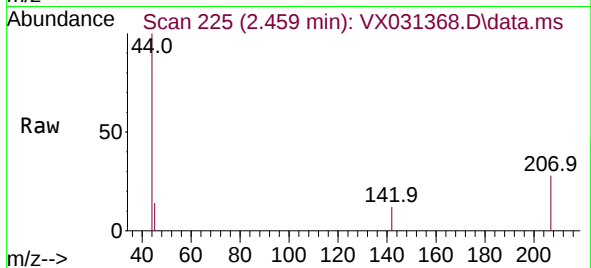




#10
Methyl Iodide
Concen: 0.923 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

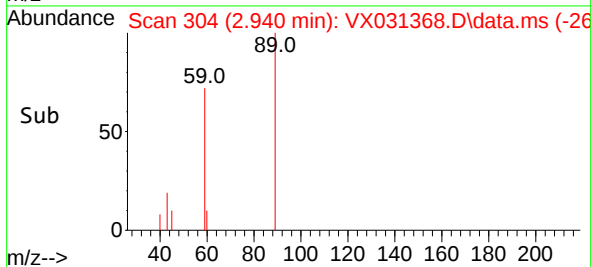
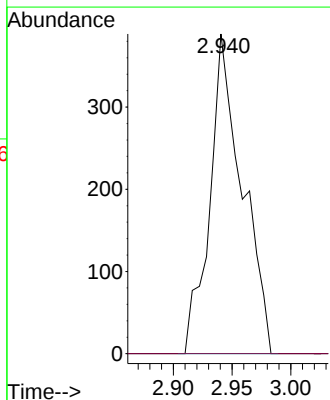
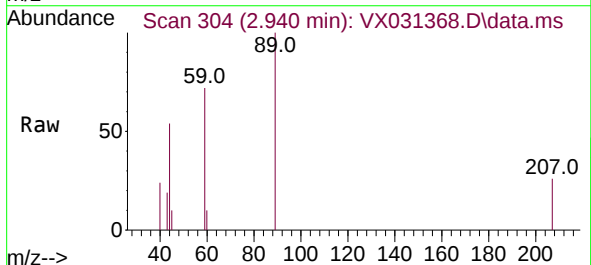
Instrument :
MSVOA_X
ClientSampleId :
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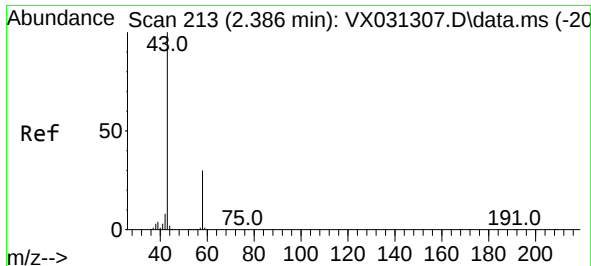
Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

Tgt Ion: 59 Resp: 748
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

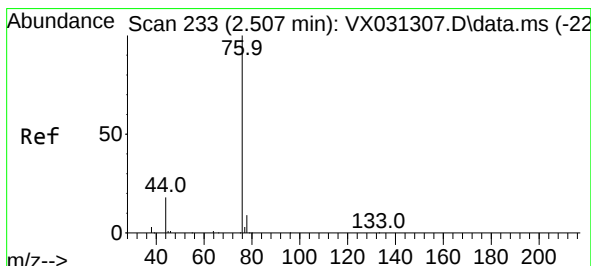
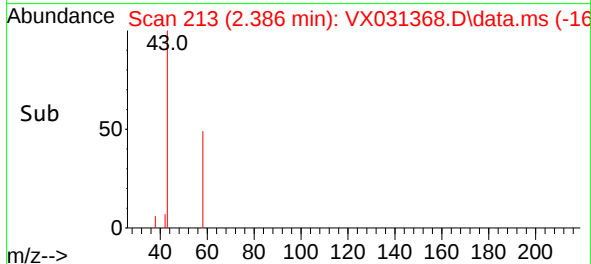
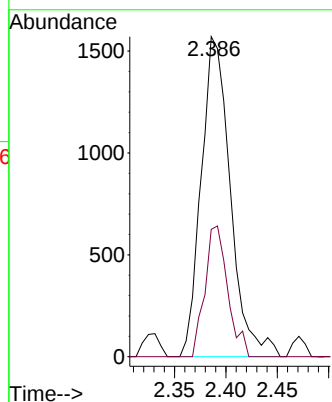
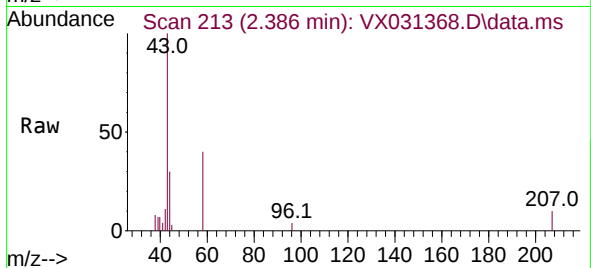




#16
Acetone
Concen: 3.254 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

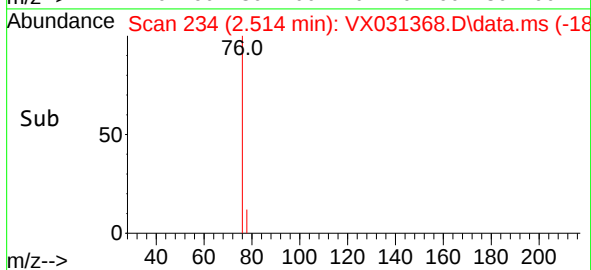
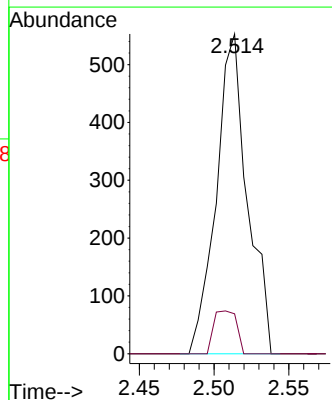
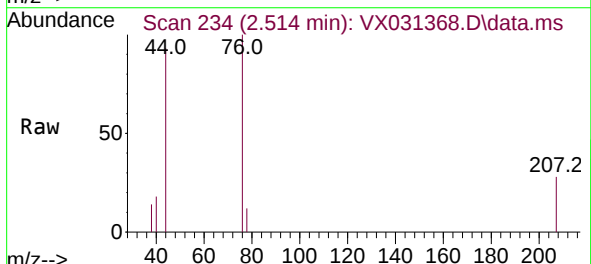
Instrument :
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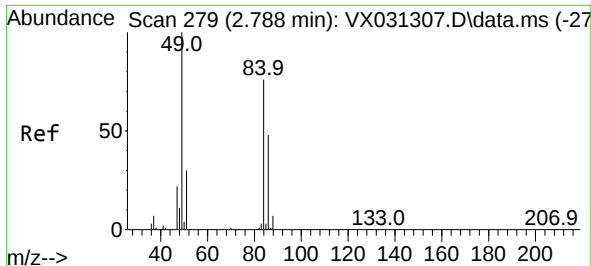
Tgt Ion: 43 Resp: 3105
Ion Ratio Lower Upper
43 100
58 39.8 23.8 35.8#



#17
Carbon Disulfide
Concen: 1.138 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

Tgt Ion: 76 Resp: 799
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#

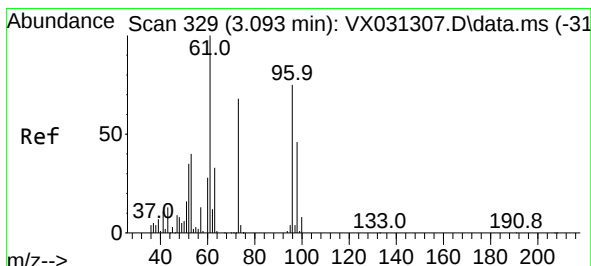
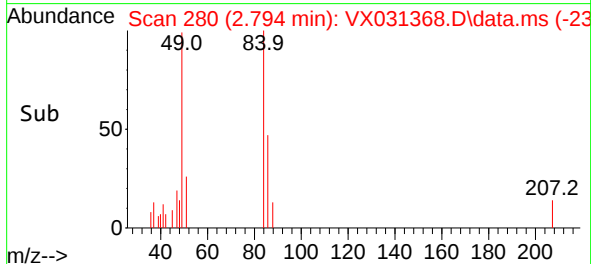
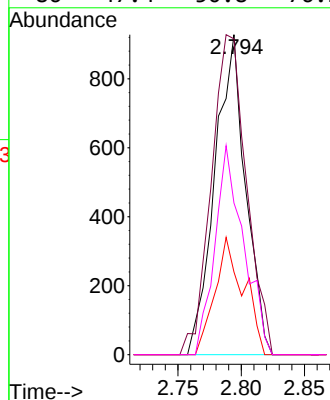
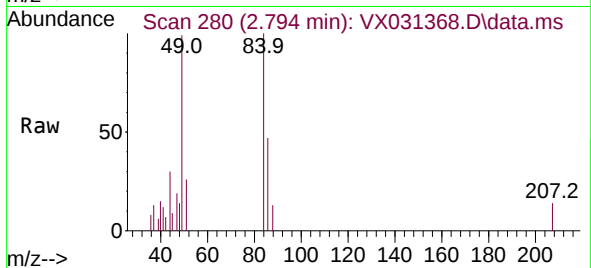




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

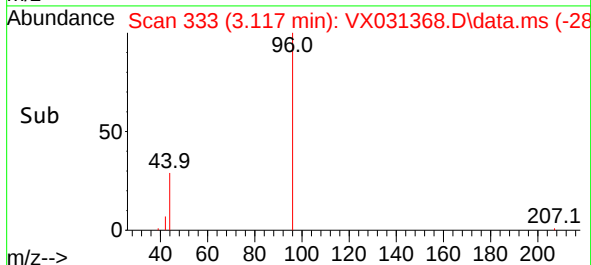
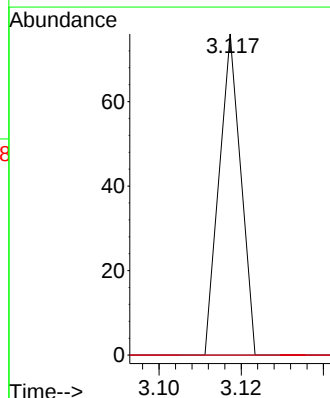
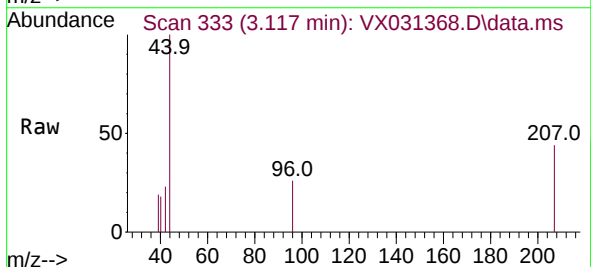
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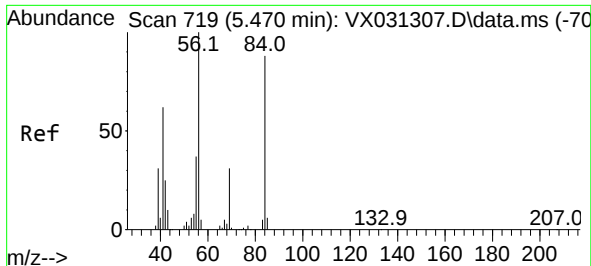
Tgt Ion: 84 Resp: 1569
Ion Ratio Lower Upper
84 100
49 98.7 105.9 158.9#
51 25.9 32.2 48.2#
86 47.4 50.8 76.2#



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.117 min Scan# 333
Delta R.T. 0.024 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

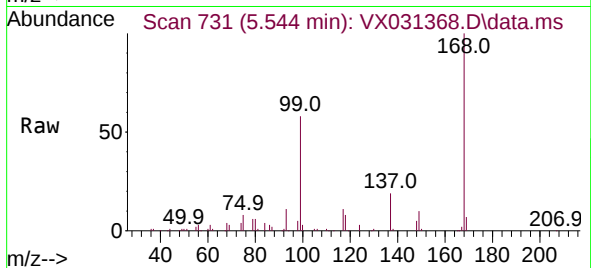
Tgt Ion: 96 Resp: 28
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#



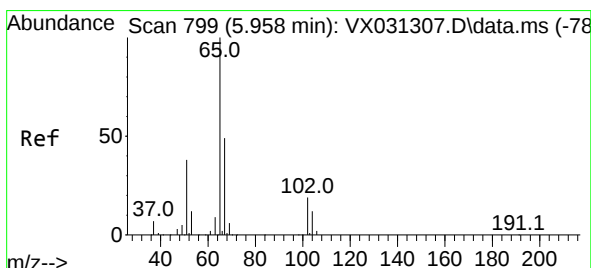
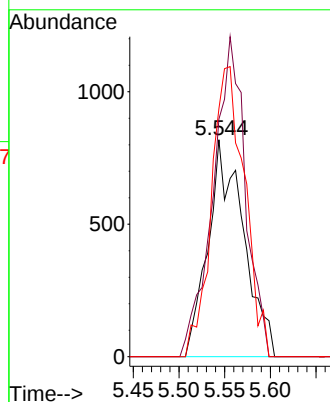
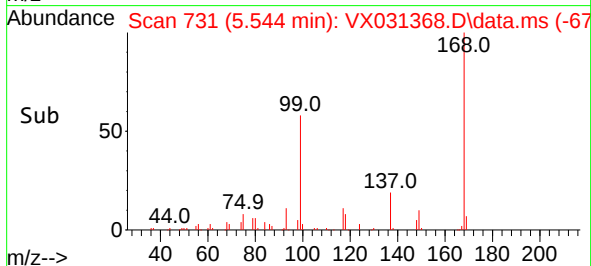


#31
Cyclohexane
Concen: 0.919 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

Instrument :
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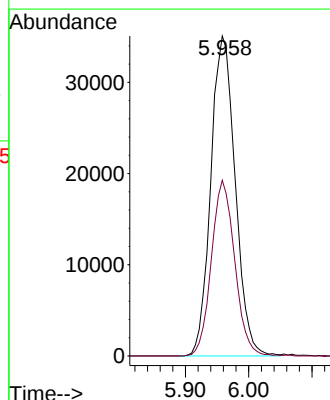
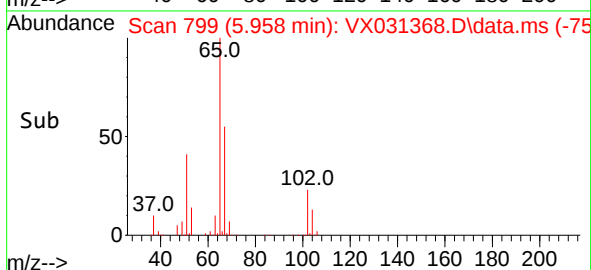
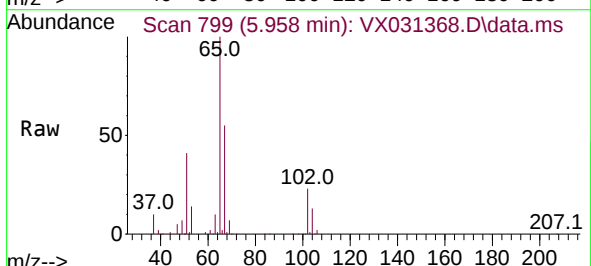


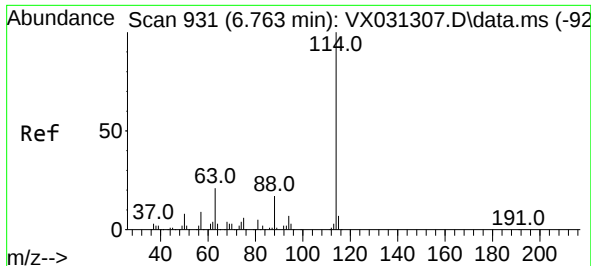
Tgt Ion: 56 Resp: 2207
Ion Ratio Lower Upper
56 100
69 109.5 25.1 37.7#
84 114.3 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 42.060 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

Tgt Ion: 65 Resp: 94014
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4

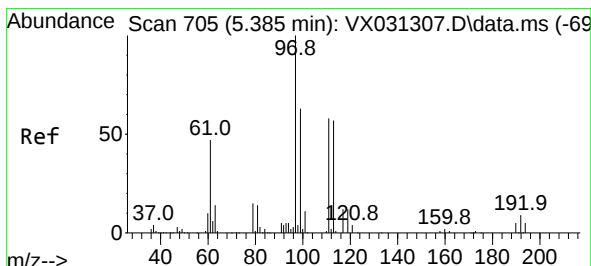
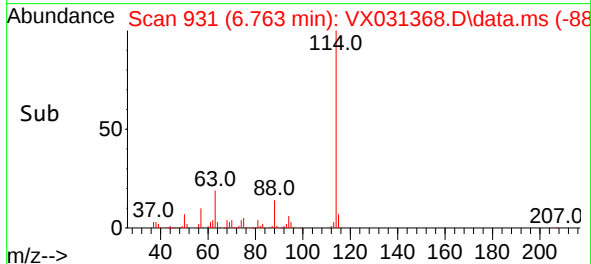
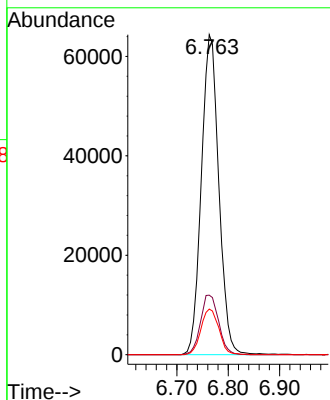
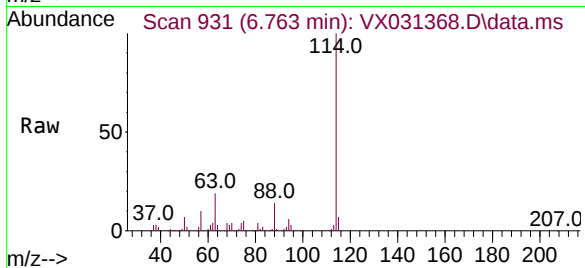




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

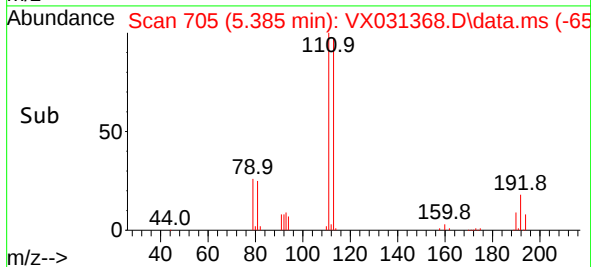
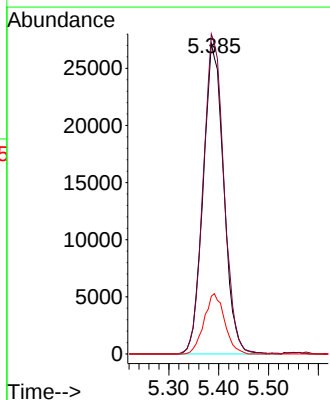
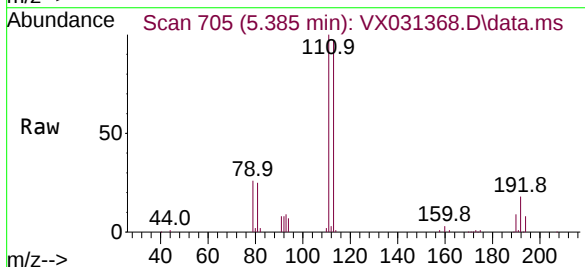
Instrument :
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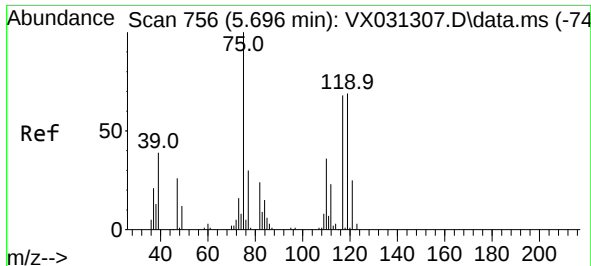
Tgt Ion:114 Resp: 151847
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.6
88 14.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.644 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

Tgt Ion:113 Resp: 77767
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 19.4 14.1 21.1

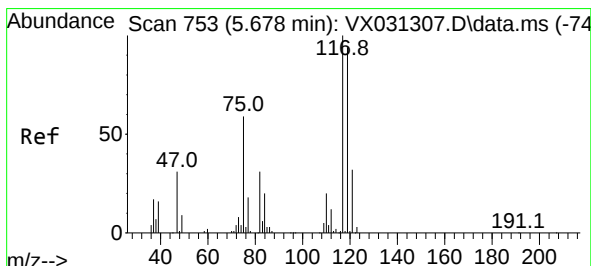
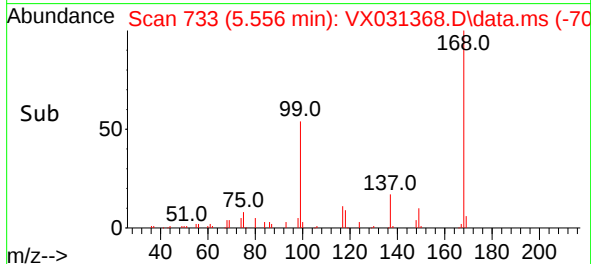
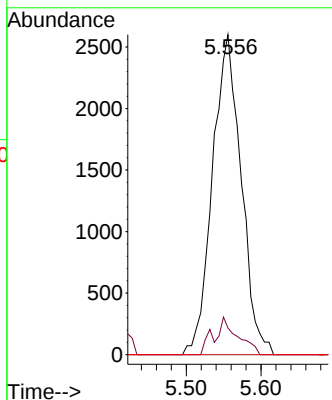
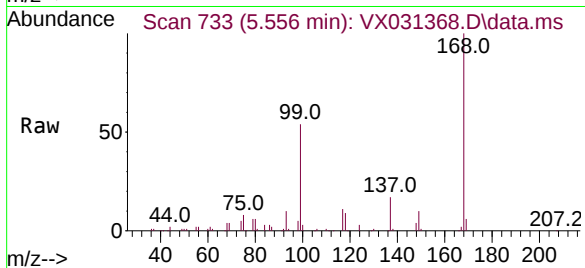




#36
 1,1-Dichloropropene
 Concen: 3.105 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX031368.D
 Acq: 15 Sep 2022 20:53

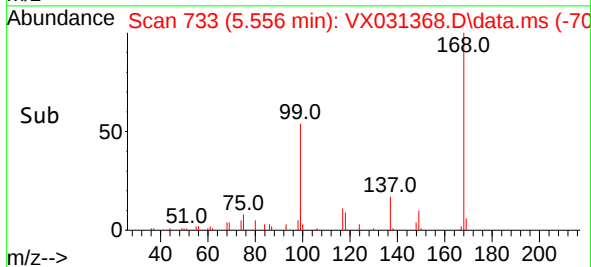
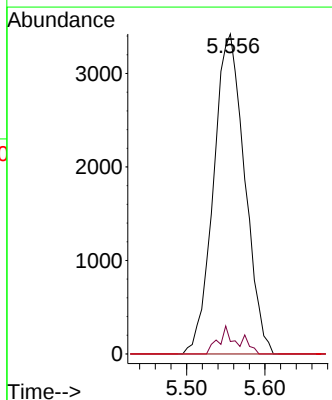
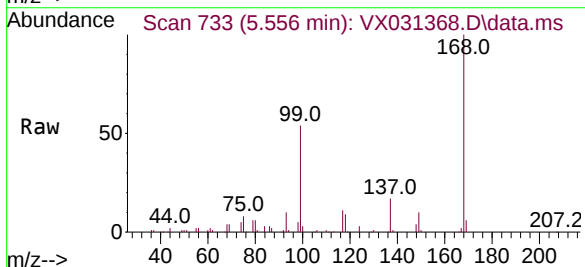
Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-090222

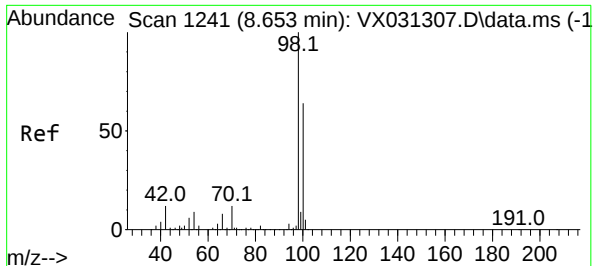
Tgt Ion: 75 Resp: 6938
 Ion Ratio Lower Upper
 75 100
 110 7.4 17.5 52.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 3.894 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX031368.D
 Acq: 15 Sep 2022 20:53

Tgt Ion: 117 Resp: 9456
 Ion Ratio Lower Upper
 117 100
 119 3.9 74.6 112.0#
 121 0.0 25.3 37.9#

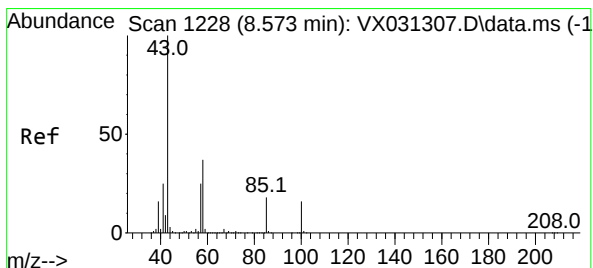
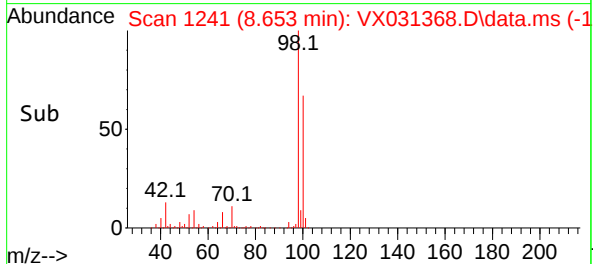
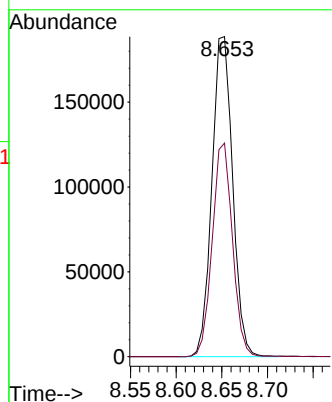
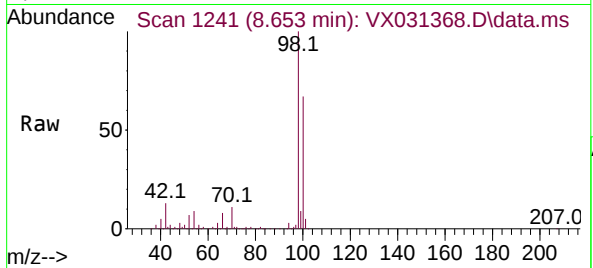




#50
Toluene-d8
Concen: 48.535 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

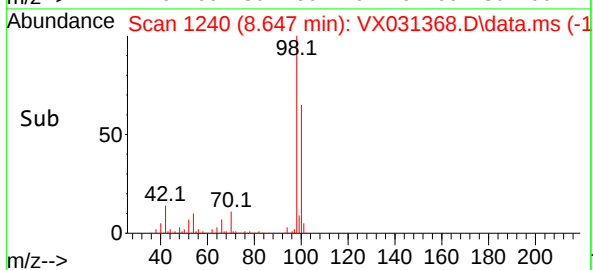
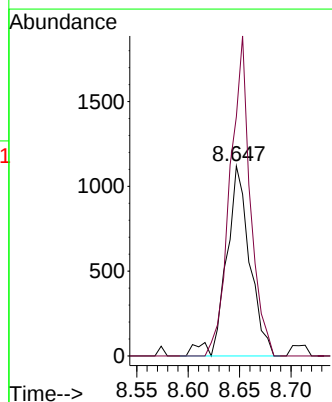
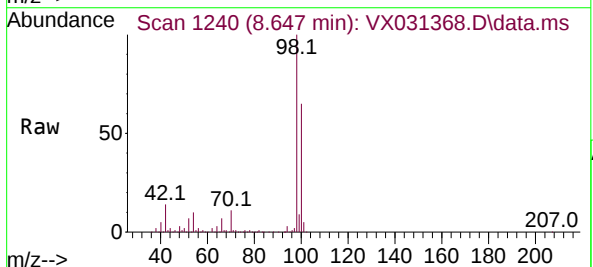
Instrument :
MSVOA_X
ClientSampleId :
EB01-090222

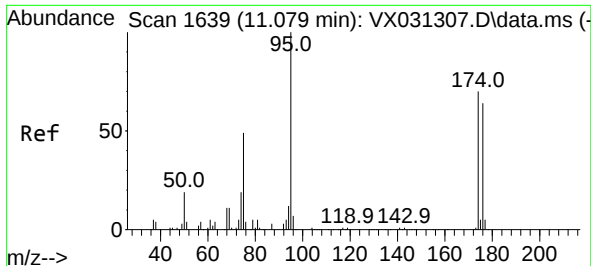
Tgt Ion: 98 Resp: 297172
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.582 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
58 146.1 30.6 46.0#

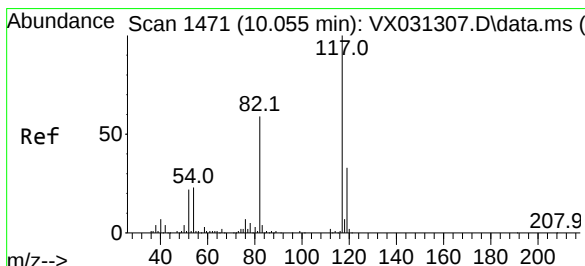
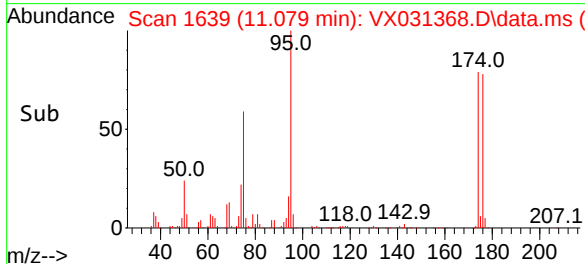
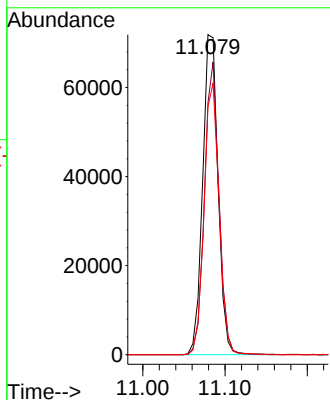
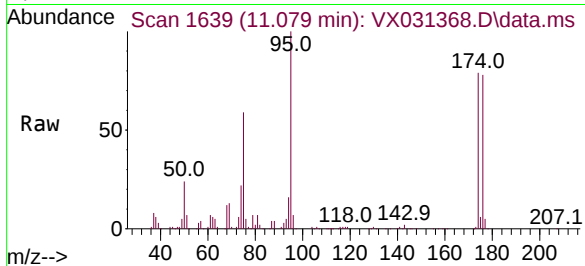




#62
4-Bromofluorobenzene
Concen: 41.744 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

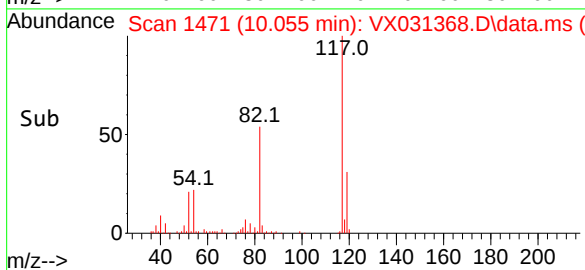
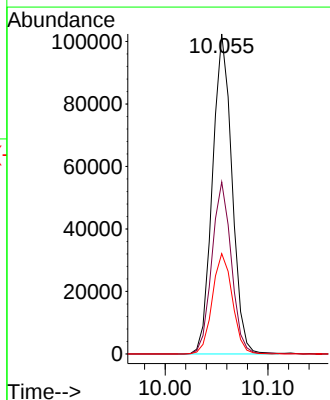
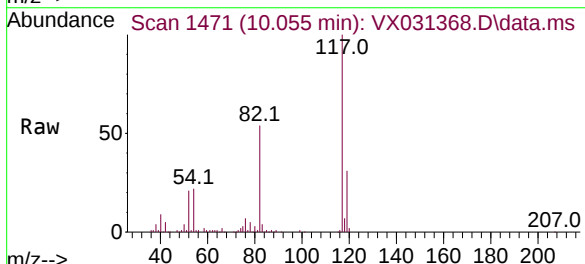
Instrument :
MSVOA_X
ClientSampleId :
EB01-090222

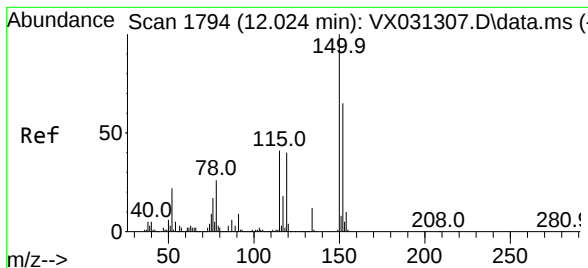
Tgt Ion: 95 Resp: 93595
Ion Ratio Lower Upper
95 100
174 86.2 0.0 153.2
176 82.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031368.D
Acq: 15 Sep 2022 20:53

Tgt Ion: 117 Resp: 134754
Ion Ratio Lower Upper
117 100
82 53.7 46.8 70.2
119 31.3 26.4 39.6

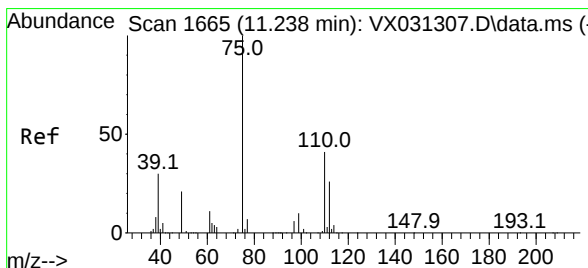
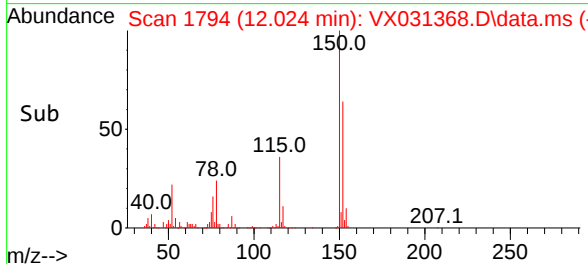
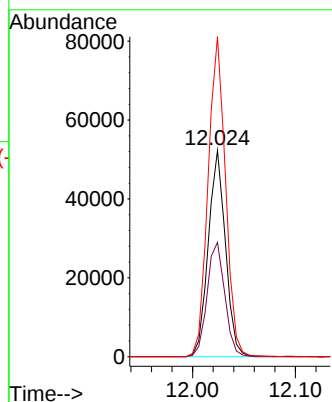
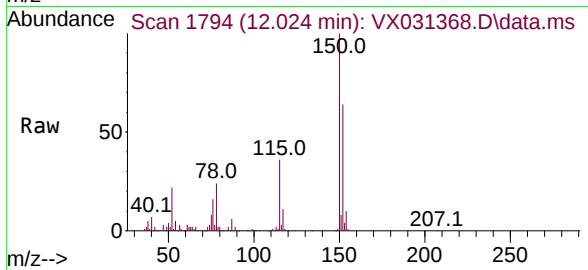




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031368.D
 Acq: 15 Sep 2022 20:53

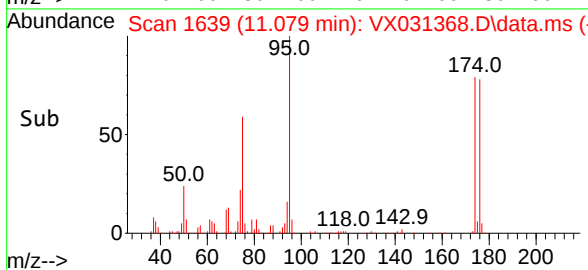
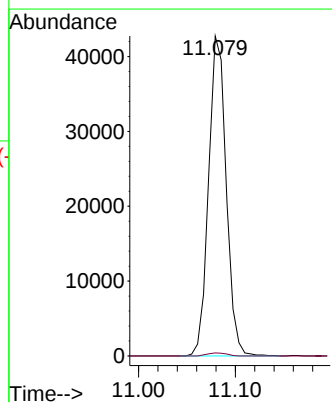
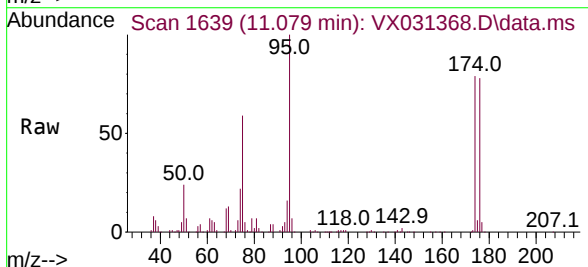
Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-090222

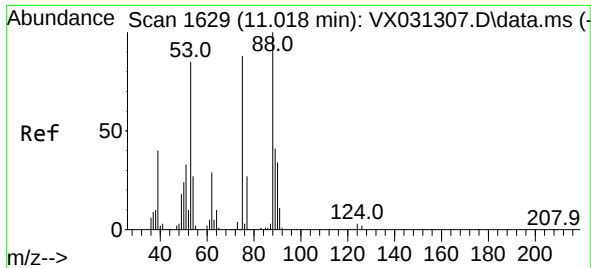
Tgt Ion:152 Resp: 60836
 Ion Ratio Lower Upper
 152 100
 115 56.9 43.4 130.1
 150 157.3 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 35.271 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031368.D
 Acq: 15 Sep 2022 20:53

Tgt Ion: 75 Resp: 54073
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.595 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX031368.D
 Acq: 15 Sep 2022 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-090222

Tgt Ion: 75 Resp: 54073
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

