

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031354.D
 Acq On : 15 Sep 2022 14:44
 Operator : JC/MD
 Sample : VX0915WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915MBL01

Quant Time: Sep 16 04:53:22 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)

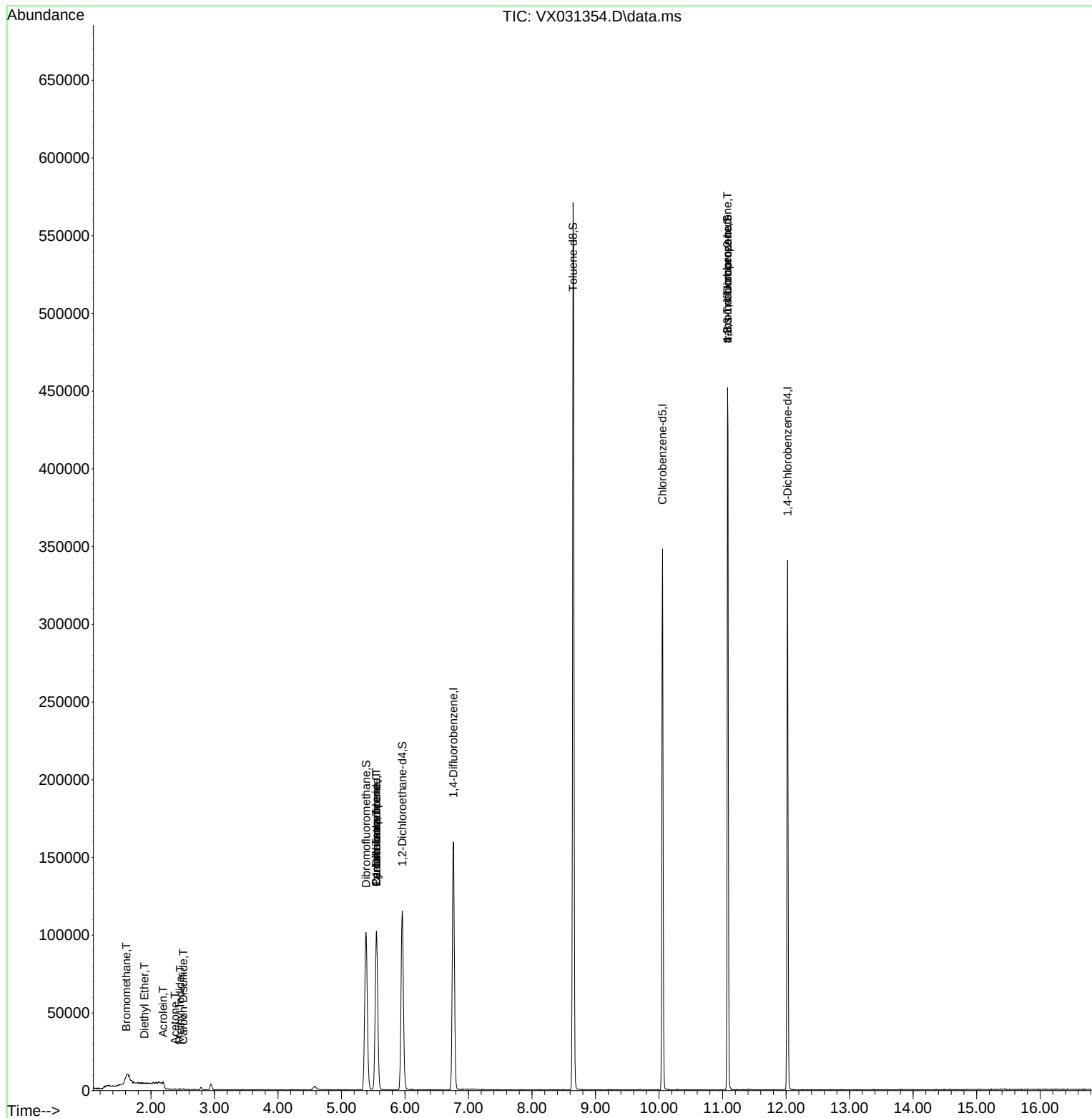
Internal Standards						
1) Pentafluorobenzene	5.550	168	95259	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	159595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104531	44.706	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.420%
35) Dibromofluoromethane	5.385	113	85731	49.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.940%
50) Toluene-d8	8.647	98	326235	50.695	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.400%
62) 4-Bromofluorobenzene	11.079	95	101940	43.259	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	155	Below Cal	#	10
5) Bromomethane	1.611	94	635	0.509	ug/l #	67
8) Diethyl Ether	1.898	74	26	0.548	ug/l #	1
10) Methyl Iodide	2.459	142	229	1.055	ug/l #	90
11) Tert butyl alcohol	2.940	59	2065	Below Cal	#	73
13) Acrolein	2.190	56	101	0.374	ug/l #	1
16) Acetone	2.379	43	762	0.763	ug/l #	77
17) Carbon Disulfide	2.507	76	552	1.050	ug/l #	75
20) Methylene Chloride	2.782	84	599	Below Cal		87
21) trans-1,2-Dichloroethene	3.093	96	63	Below Cal	#	1
31) Cyclohexane	5.550	56	2431	0.968	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	8067	3.436	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9467	3.709	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	58700	36.307	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	58700	100.463	ug/l #	11

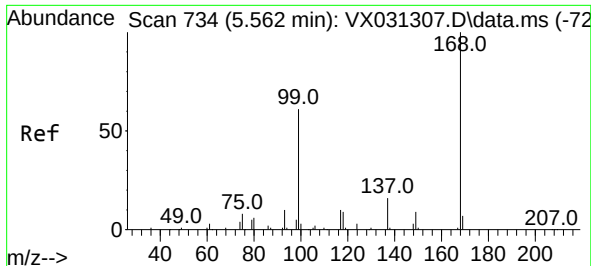
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

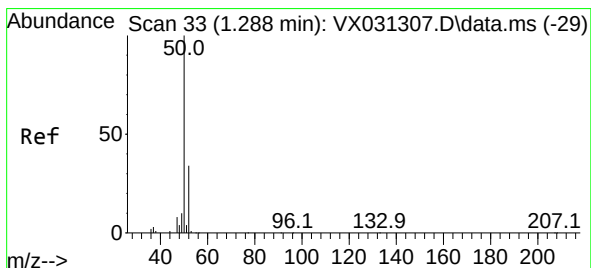
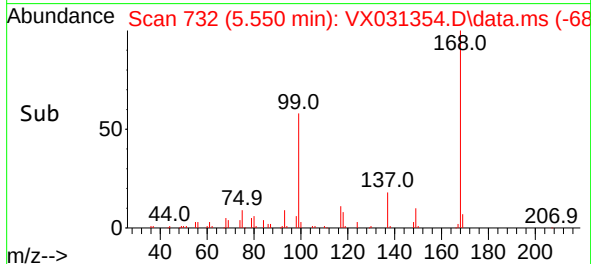
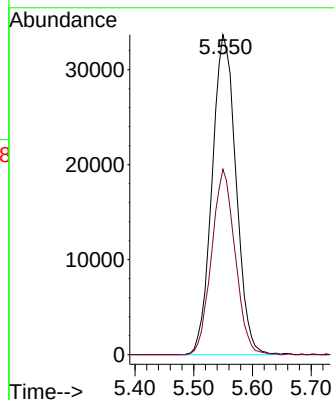
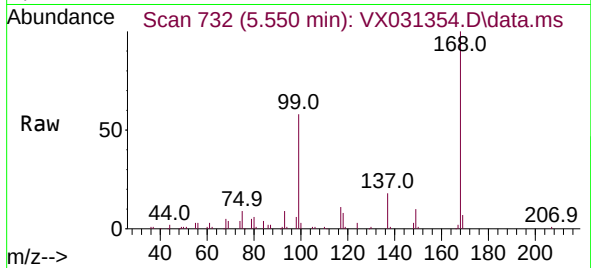




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

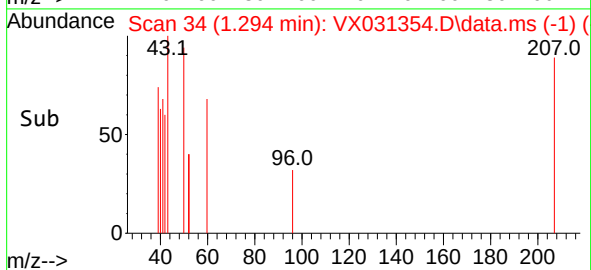
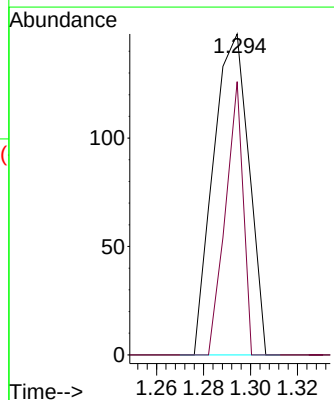
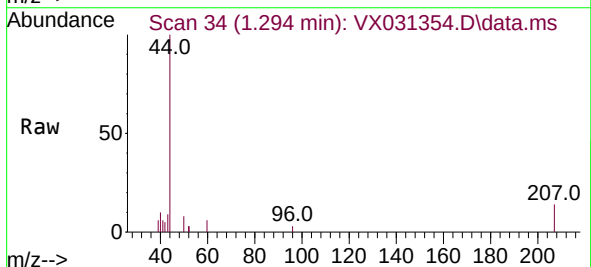
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

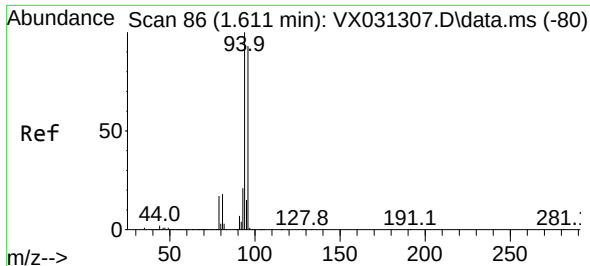
Tgt Ion:168 Resp: 95259
Ion Ratio Lower Upper
168 100
99 57.9 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

Tgt Ion: 50 Resp: 155
Ion Ratio Lower Upper
50 100
52 85.1 26.9 40.3#

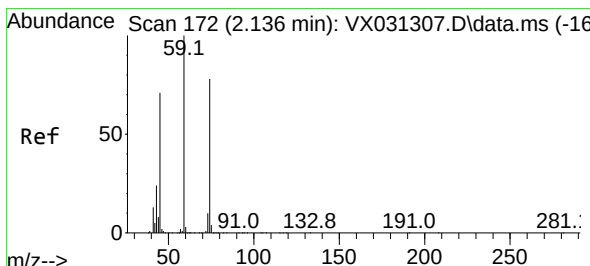
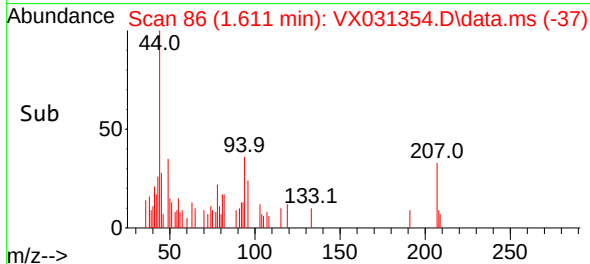
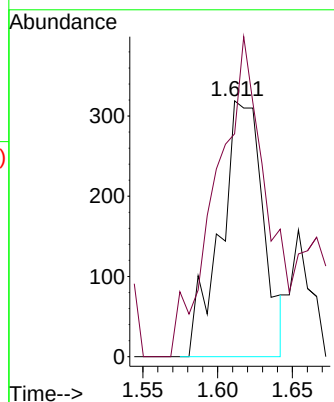
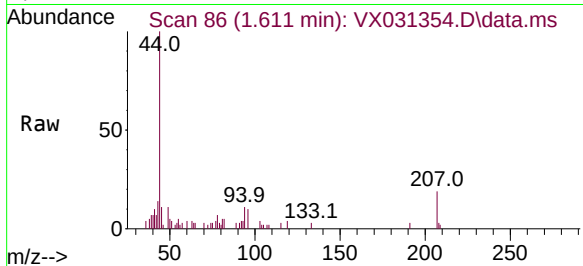




#5
Bromomethane
Concen: 0.509 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

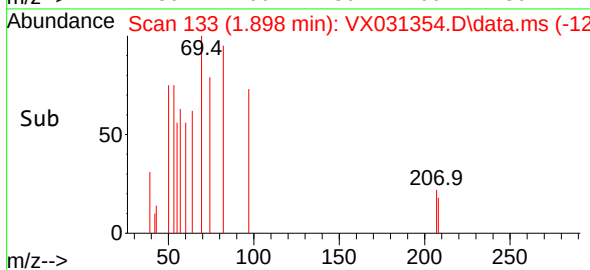
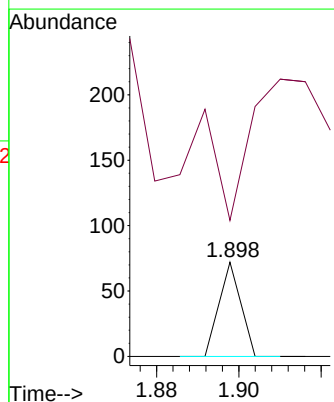
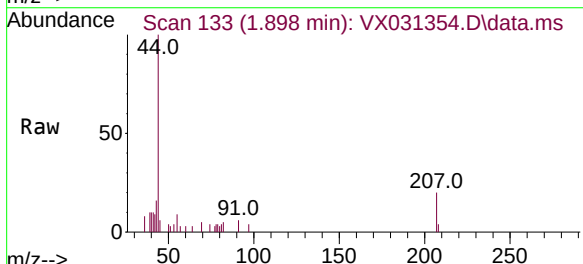
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

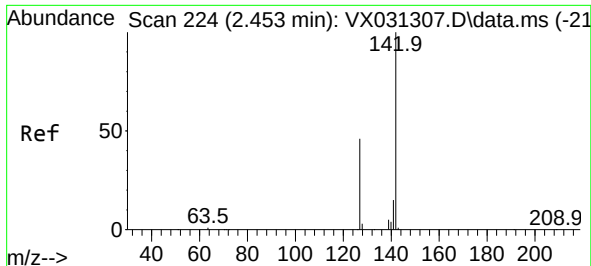
Tgt Ion: 94 Resp: 635
Ion Ratio Lower Upper
94 100
96 61.8 74.4 111.6#



#8
Diethyl Ether
Concen: 0.548 ug/l
RT: 1.898 min Scan# 133
Delta R.T. -0.238 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

Tgt Ion: 74 Resp: 26
Ion Ratio Lower Upper
74 100
45 519.2 48.5 145.6#

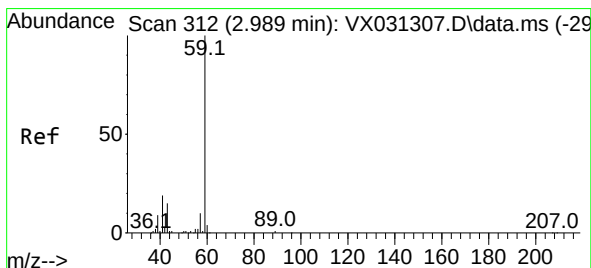
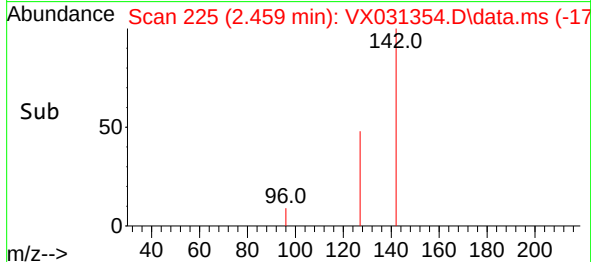
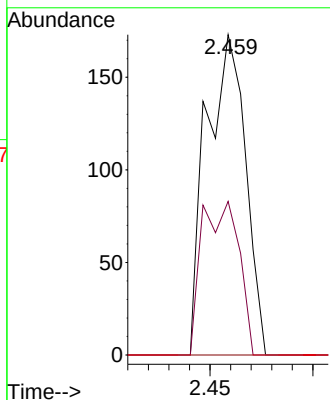
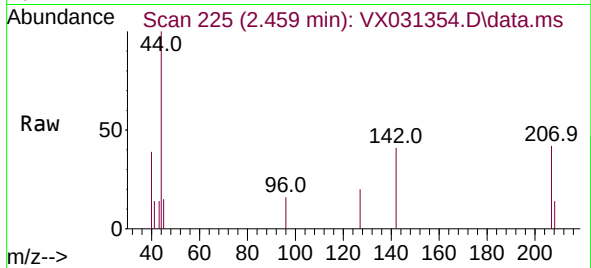




#10
Methyl Iodide
Concen: 1.055 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

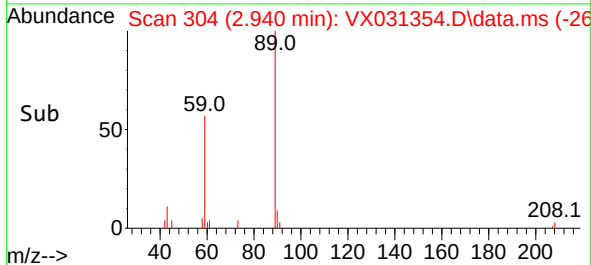
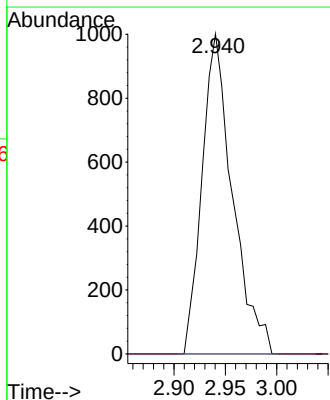
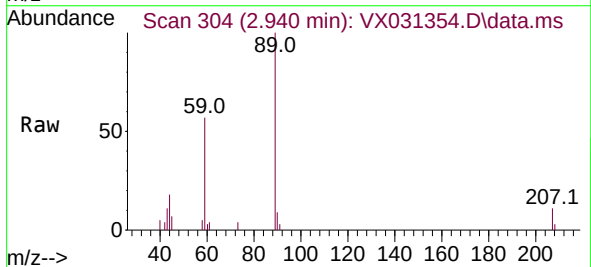
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

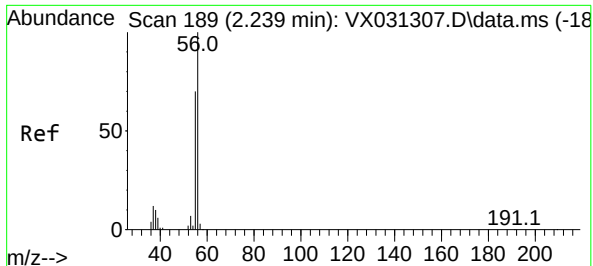
Tgt Ion:142 Resp: 229
Ion Ratio Lower Upper
142 100
127 45.4 37.4 56.0
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

Tgt Ion: 59 Resp: 2065
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

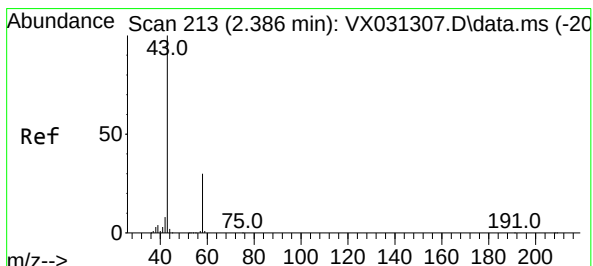
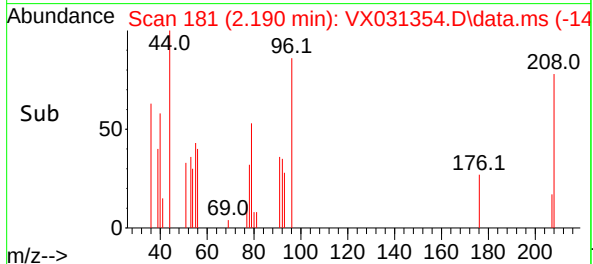
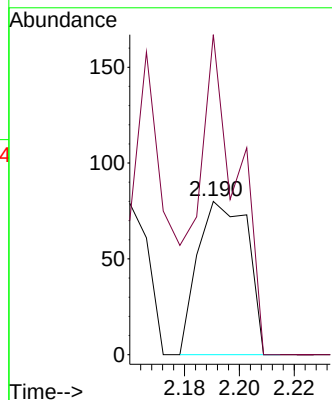
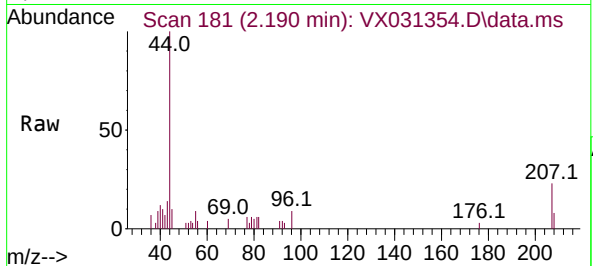




#13
Acrolein
Concen: 0.374 ug/l
RT: 2.190 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

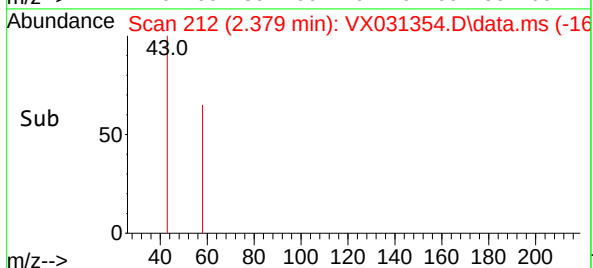
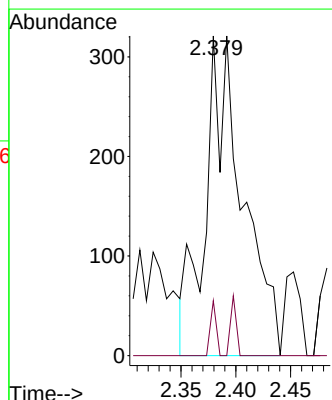
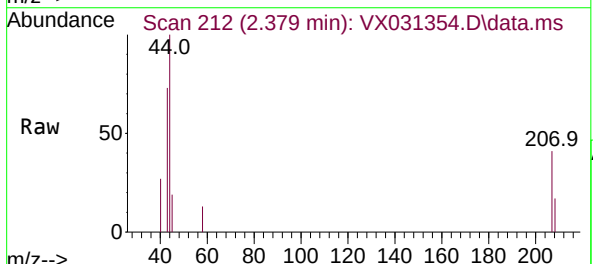
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

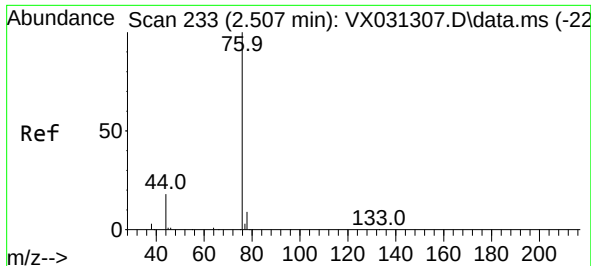
Tgt Ion: 56 Resp: 101
Ion Ratio Lower Upper
56 100
55 155.4 56.0 84.0#



#16
Acetone
Concen: 0.763 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
58 17.1 23.8 35.8#





#17

Carbon Disulfide

Concen: 1.050 ug/l

RT: 2.507 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031354.D

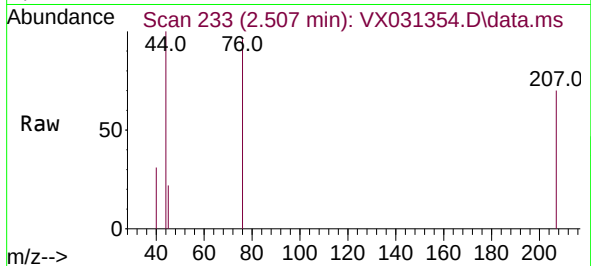
Acq: 15 Sep 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0915MBL01

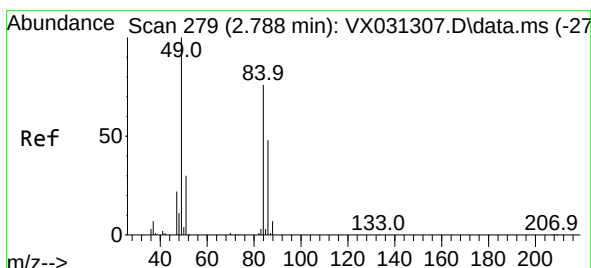
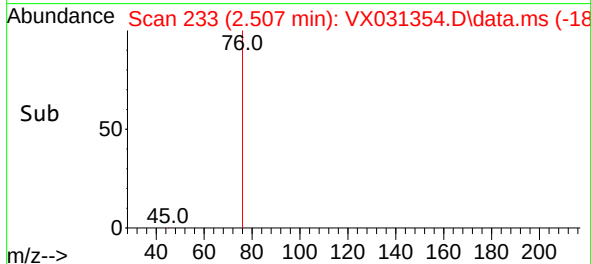
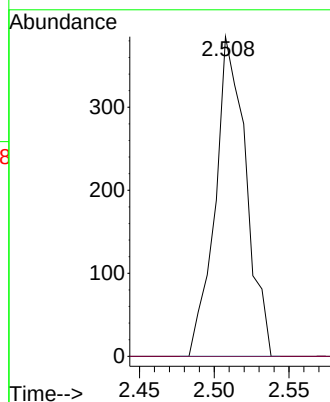


Tgt Ion: 76 Resp: 552

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX031354.D

Acq: 15 Sep 2022 14:44

Tgt Ion: 84 Resp: 599

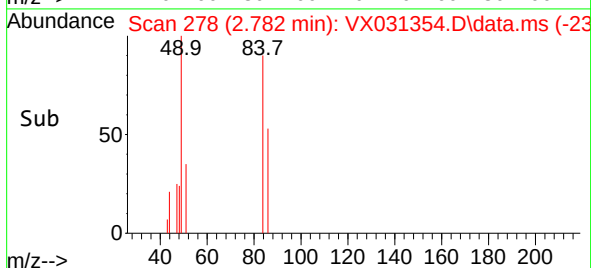
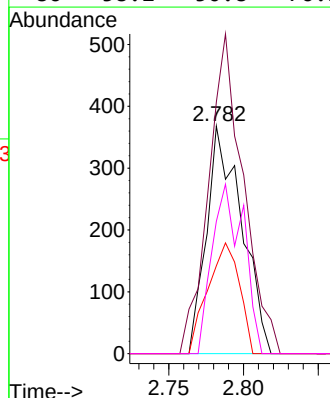
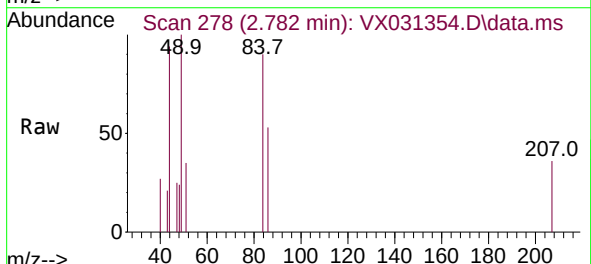
Ion Ratio Lower Upper

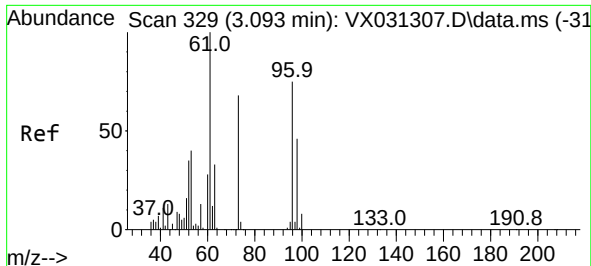
84 100

49 110.6 105.9 158.9

51 38.6 32.2 48.2

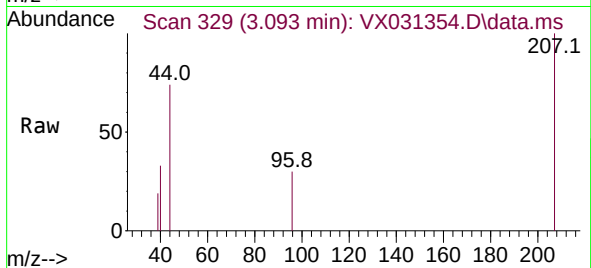
86 58.2 50.8 76.2



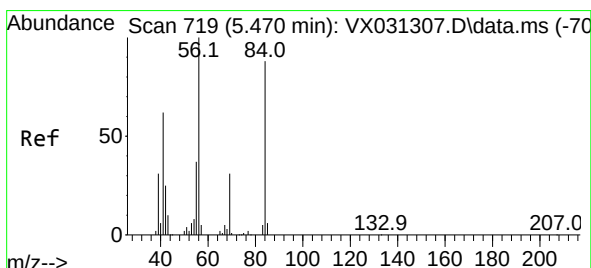
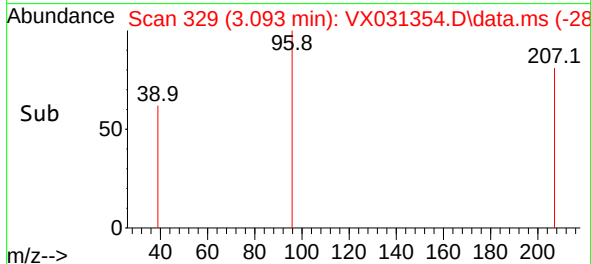
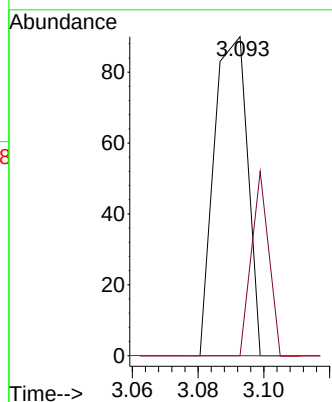


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

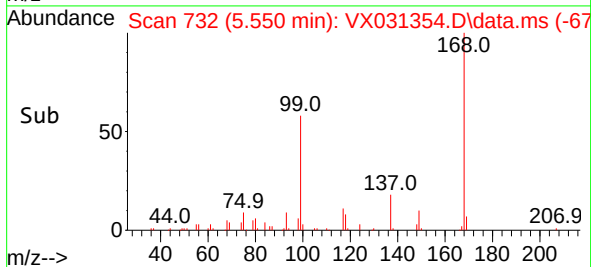
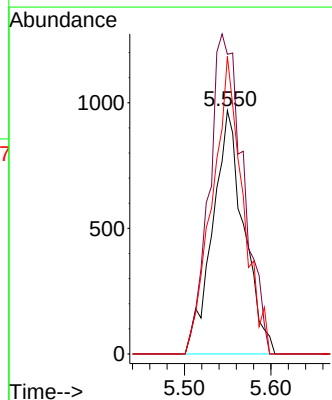
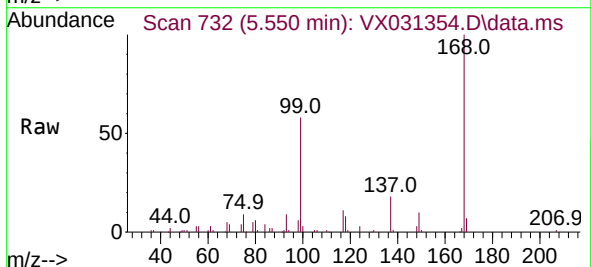


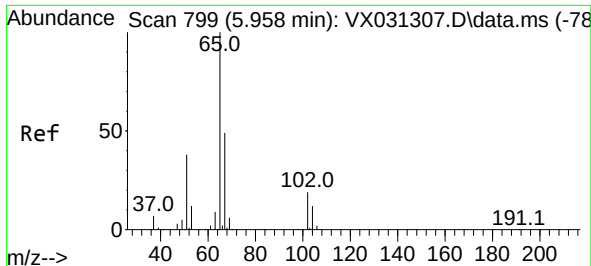
Tgt Ion: 96 Resp: 63
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#



#31
Cyclohexane
Concen: 0.968 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

Tgt Ion: 56 Resp: 2431
Ion Ratio Lower Upper
56 100
69 123.1 25.1 37.7#
84 122.2 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 44.706 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031354.D

Acq: 15 Sep 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

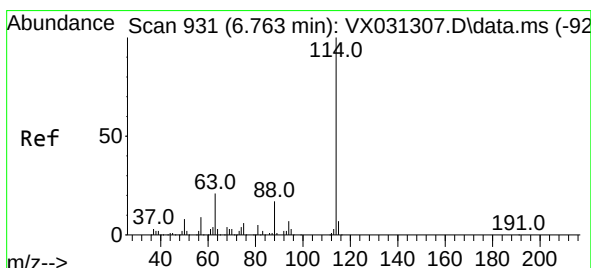
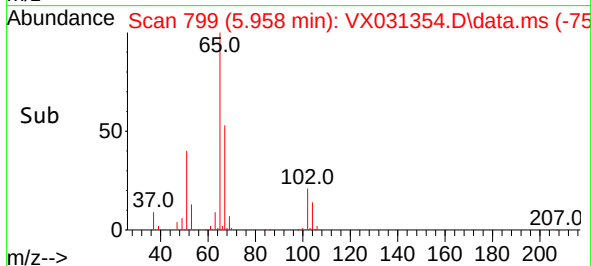
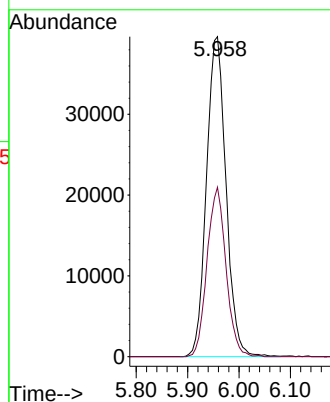
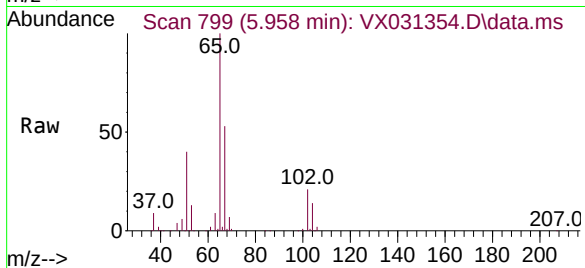
VX0915MBL01

Tgt Ion: 65 Resp: 104531

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031354.D

Acq: 15 Sep 2022 14:44

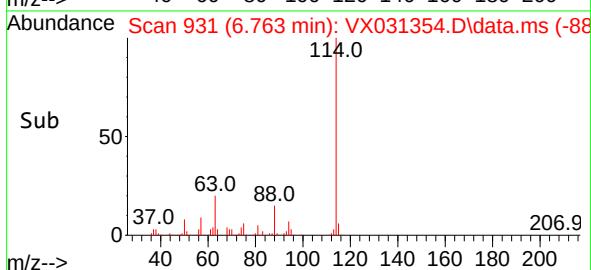
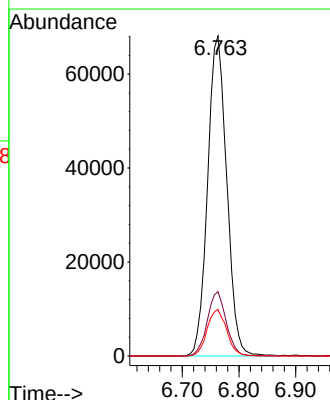
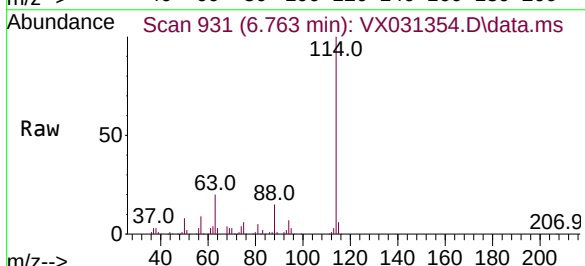
Tgt Ion: 114 Resp: 159595

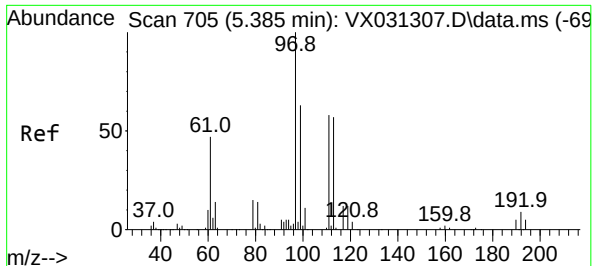
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 14.5 0.0 33.0

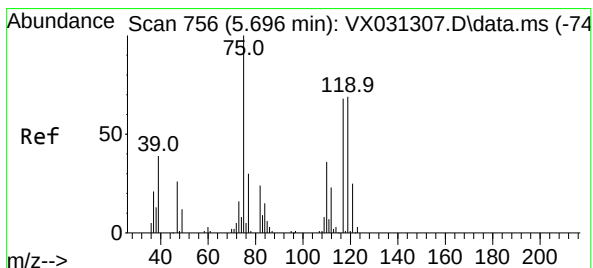
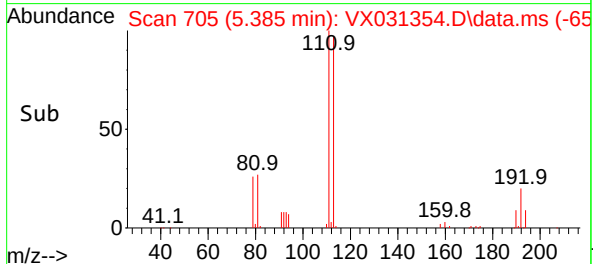
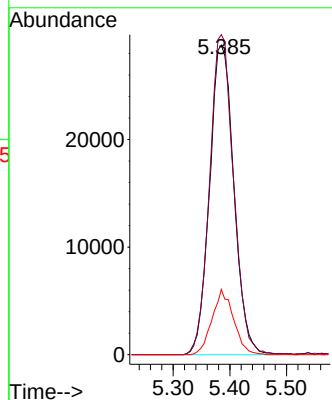
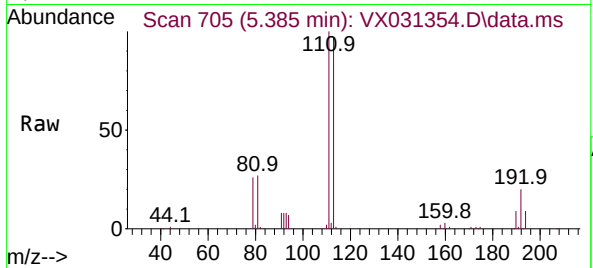




#35
Dibromofluoromethane
Concen: 49.973 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

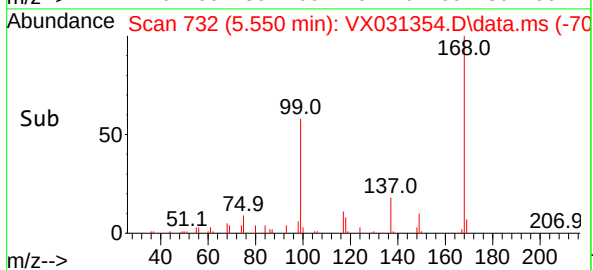
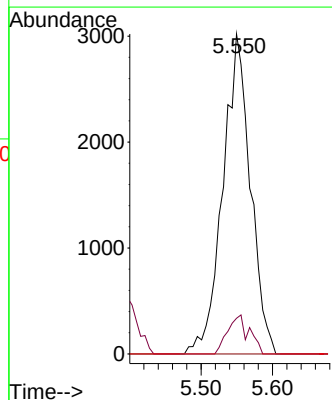
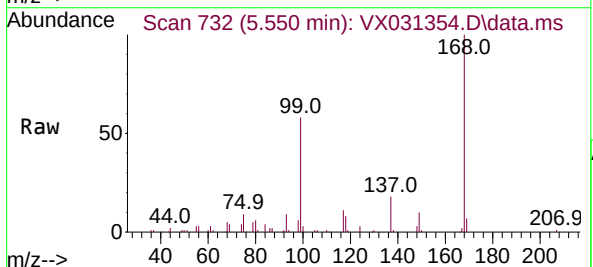
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

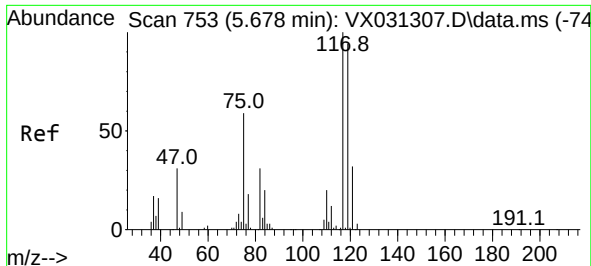
Tgt Ion:113 Resp: 85731
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 18.6 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.436 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

Tgt Ion: 75 Resp: 8067
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.9 37.3#

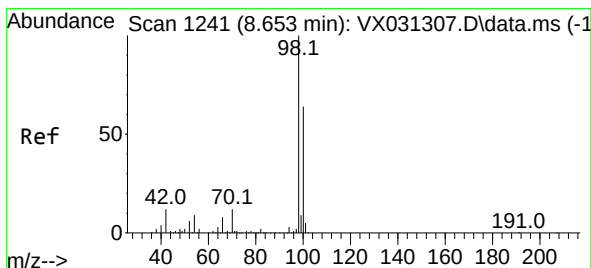
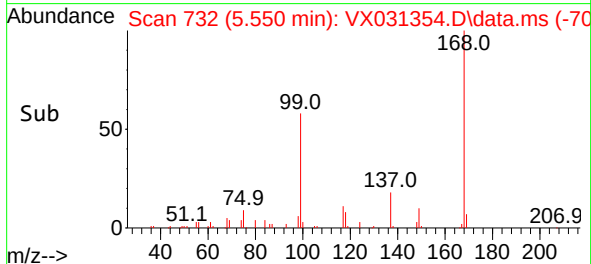
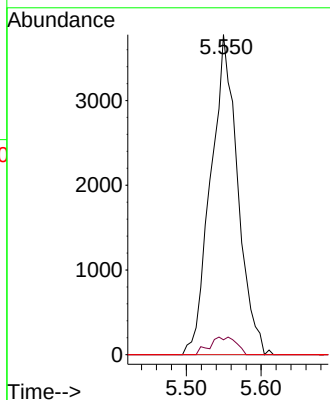
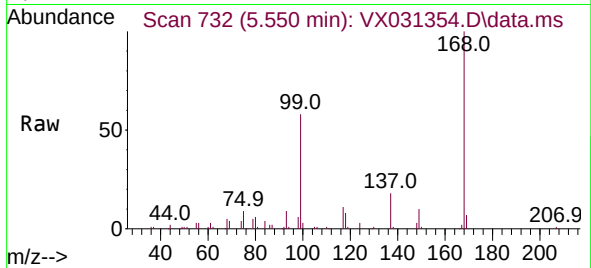




#38
Carbon Tetrachloride
Concen: 3.709 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

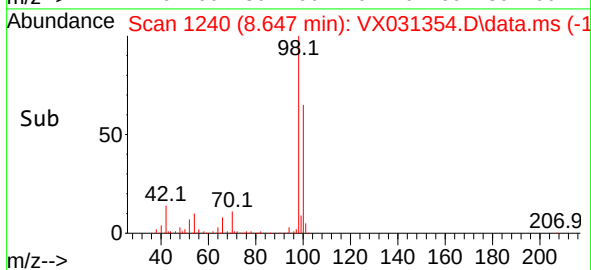
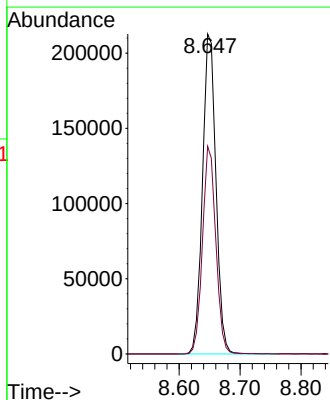
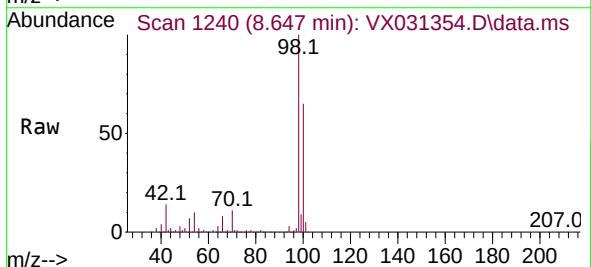
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

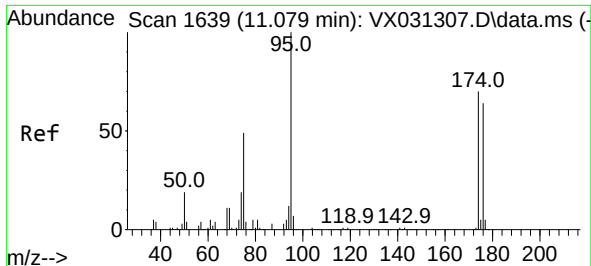
Tgt Ion:117 Resp: 9467
Ion Ratio Lower Upper
117 100
119 4.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 50.695 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

Tgt Ion: 98 Resp: 326235
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7

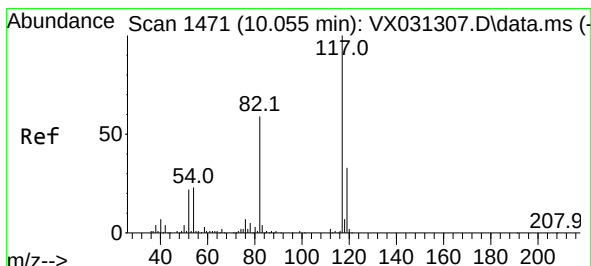
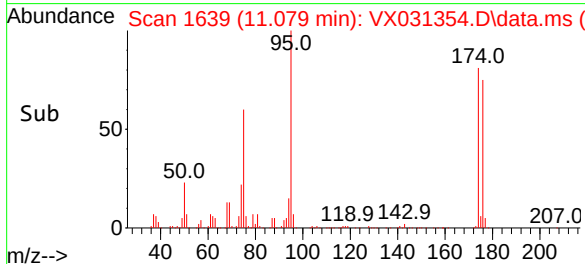
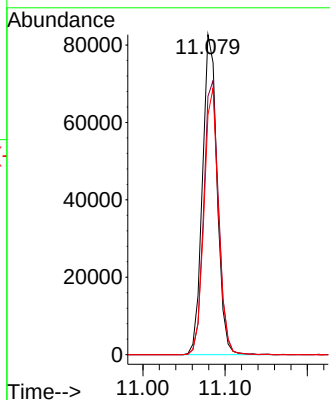
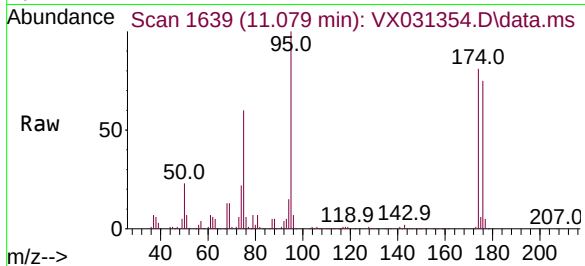




#62
4-Bromofluorobenzene
Concen: 43.259 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

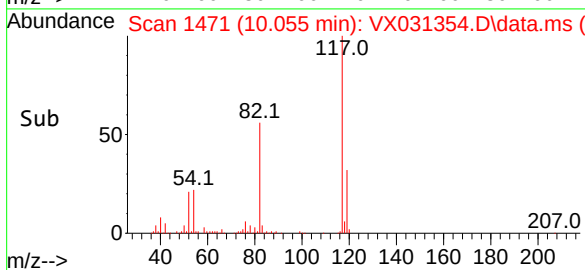
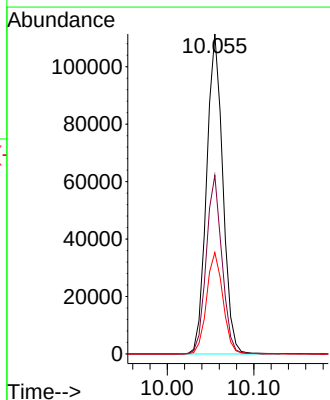
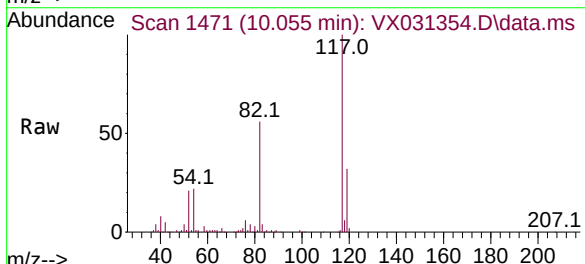
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

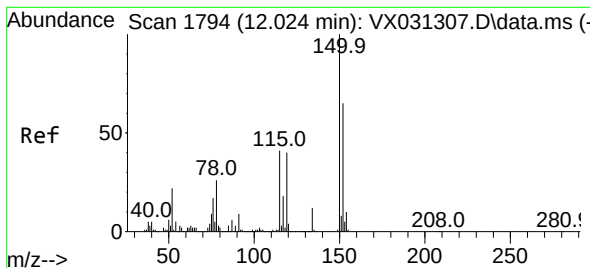
Tgt Ion: 95 Resp: 101940
Ion Ratio Lower Upper
95 100
174 87.2 0.0 153.2
176 82.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031354.D
Acq: 15 Sep 2022 14:44

Tgt Ion: 117 Resp: 145093
Ion Ratio Lower Upper
117 100
82 55.8 46.8 70.2
119 31.7 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: VX031354.D

Acq: 15 Sep 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

VX0915MBL01

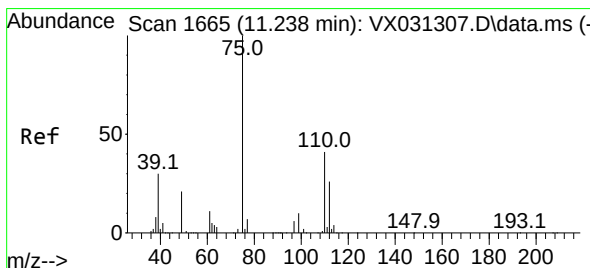
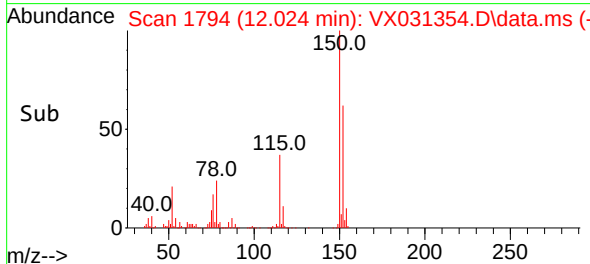
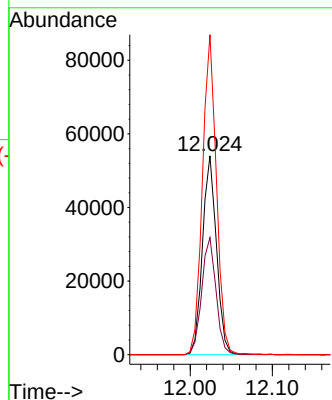
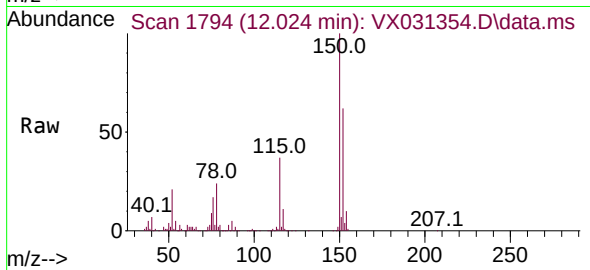
Tgt Ion:152 Resp: 64157

Ion Ratio Lower Upper

152 100

115 60.0 43.4 130.1

150 159.7 0.0 346.8



#76

1,2,3-Trichloropropane

Concen: 36.307 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX031354.D

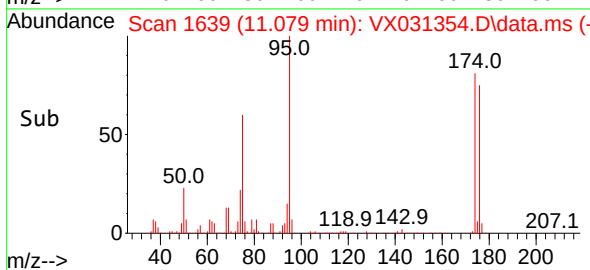
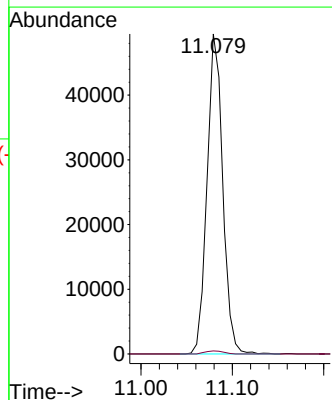
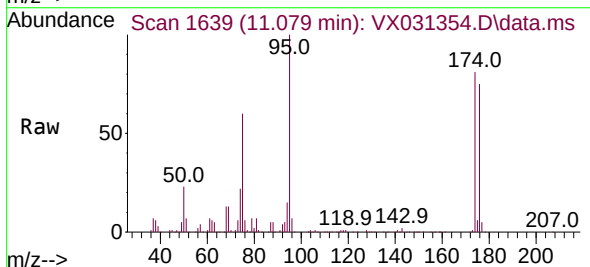
Acq: 15 Sep 2022 14:44

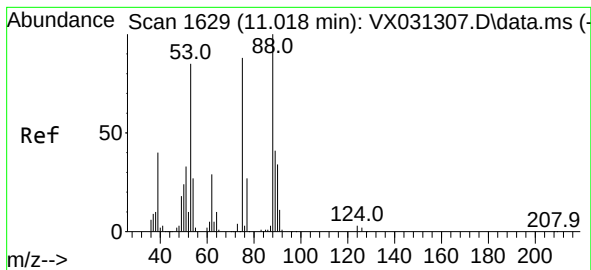
Tgt Ion: 75 Resp: 58700

Ion Ratio Lower Upper

75 100

77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.463 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX031354.D
 Acq: 15 Sep 2022 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915MBL01

Tgt Ion: 75 Resp: 58700
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

