

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031359.D
 Acq On : 15 Sep 2022 17:22
 Operator : JC/MD
 Sample : N4502-02 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DEACON-WATER-COMP

Quant Time: Sep 16 04:55:30 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)

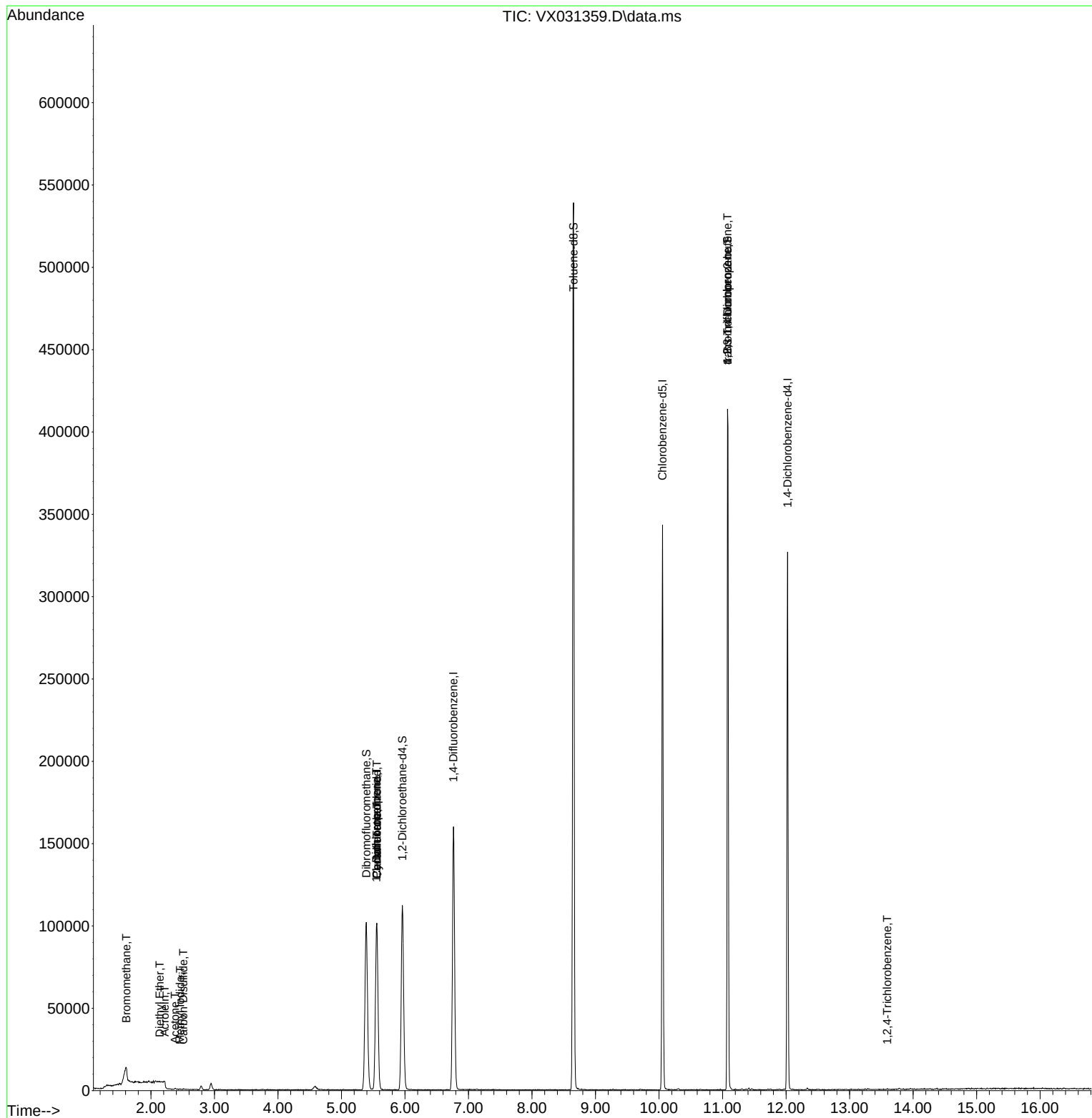
Internal Standards						
1) Pentafluorobenzene	5.556	168	96313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101592	42.974	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.940%		
35) Dibromofluoromethane	5.391	113	83206	48.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.040%		
50) Toluene-d8	8.652	98	313751	48.276	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.560%		
62) 4-Bromofluorobenzene	11.079	95	99884	41.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.940%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	204	Below Cal	#	41
5) Bromomethane	1.611	94	804	0.637	ug/l #	57
8) Diethyl Ether	2.135	74	46	0.561	ug/l #	1
10) Methyl Iodide	2.458	142	371	1.143	ug/l #	78
11) Tert butyl alcohol	2.946	59	1946	Below Cal	#	73
13) Acrolein	2.215	56	106	0.389	ug/l #	28
16) Acetone	2.379	43	727	0.720	ug/l #	77
17) Carbon Disulfide	2.507	76	474	1.024	ug/l #	75
20) Methylene Chloride	2.788	84	1108	Below Cal	#	86
21) trans-1,2-Dichloroethene	3.086	96	95	Below Cal	#	54
31) Cyclohexane	5.556	56	2575	1.014	ug/l #	13
36) 1,1-Dichloropropene	5.549	75	8541	3.602	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9771	3.791	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	55906	34.900	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	55906	96.569	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.591	180	226	0.201	ug/l	63

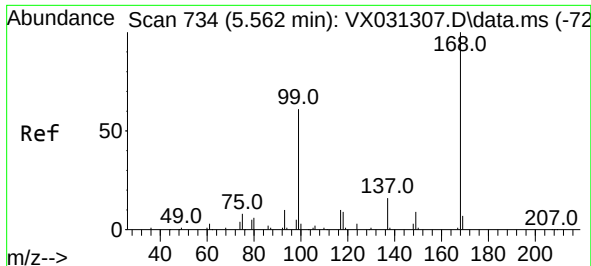
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
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: VX031359.D

Acq: 15 Sep 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

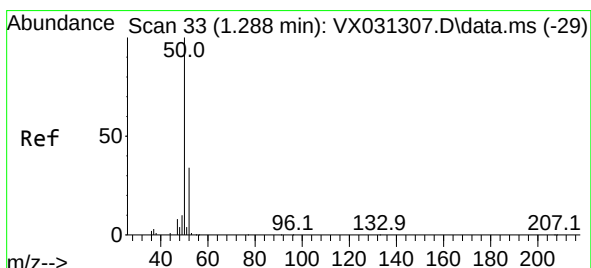
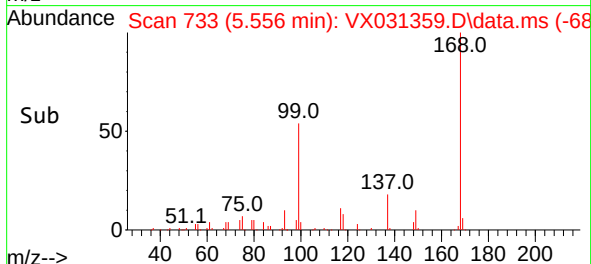
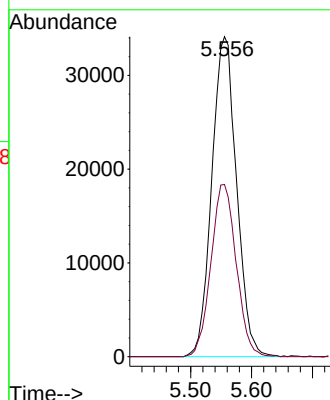
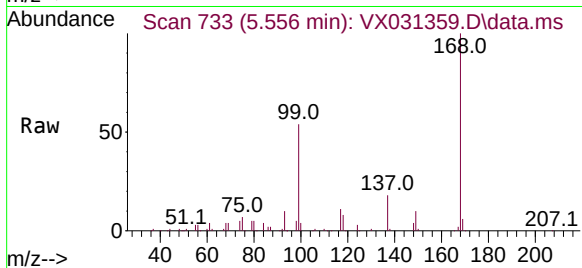
DEACON-WATER-COMP

Tgt Ion:168 Resp: 96313

Ion Ratio Lower Upper

168 100

99 53.8 48.8 73.2



#3

Chloromethane

Concen: Below Cal

RT: 1.294 min Scan# 34

Delta R.T. 0.006 min

Lab File: VX031359.D

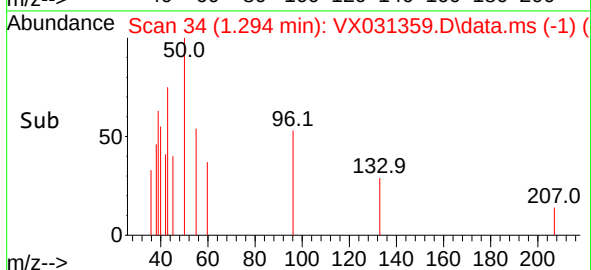
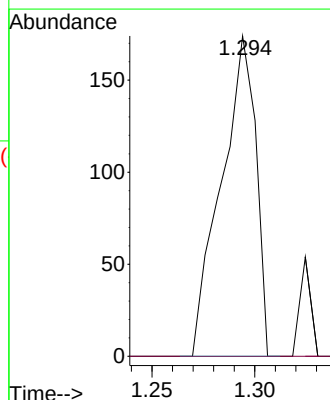
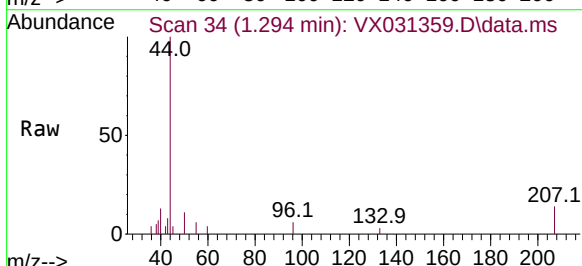
Acq: 15 Sep 2022 17:22

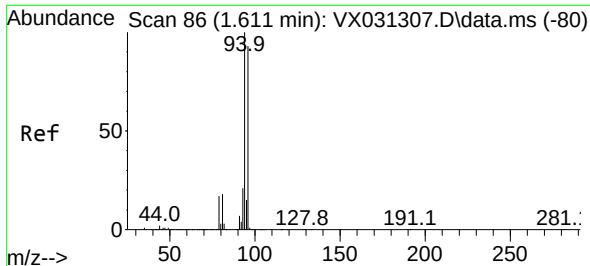
Tgt Ion: 50 Resp: 204

Ion Ratio Lower Upper

50 100

52 0.0 26.9 40.3#

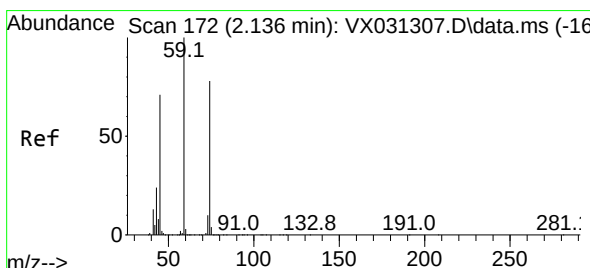
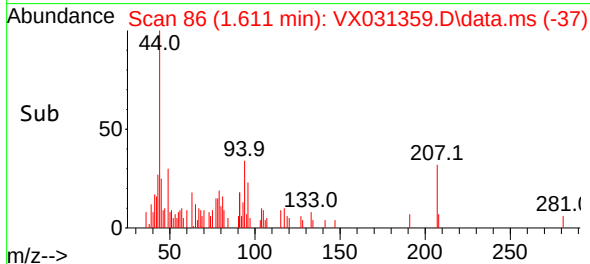
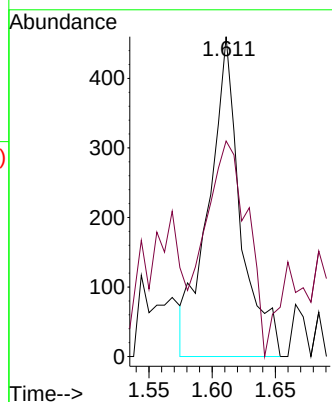
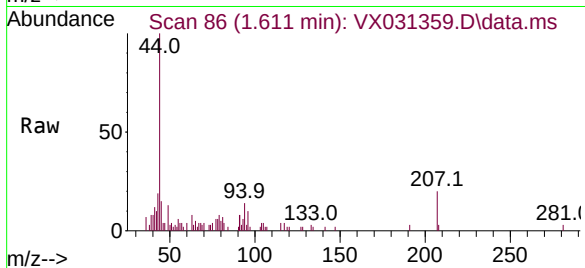




#5
Bromomethane
Concen: 0.637 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

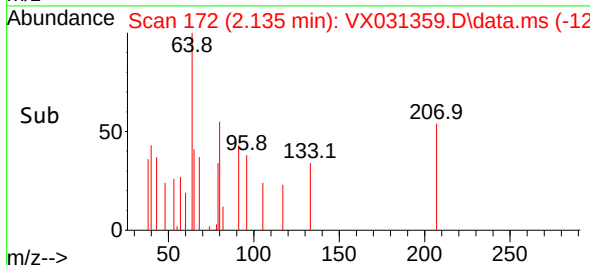
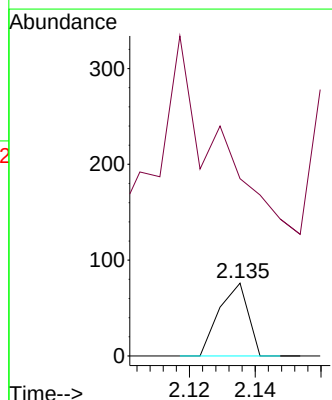
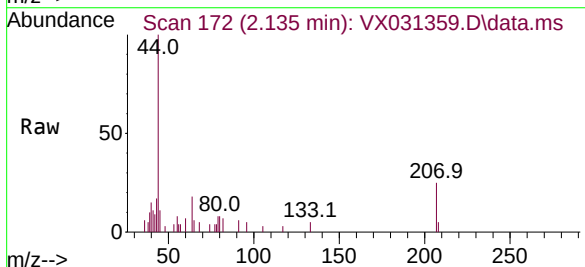
Instrument :
MSVOA_X
ClientSampleId :
DEACON-WATER-COMP

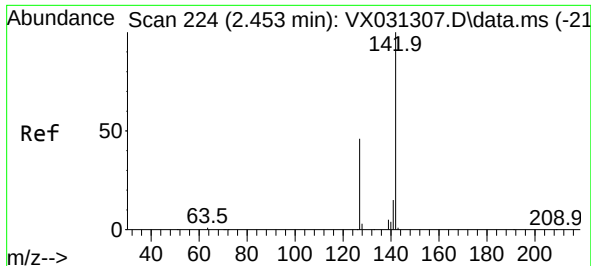
Tgt Ion: 94 Resp: 804
Ion Ratio Lower Upper
94 100
96 52.0 74.4 111.6#



#8
Diethyl Ether
Concen: 0.561 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.001 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

Tgt Ion: 74 Resp: 46
Ion Ratio Lower Upper
74 100
45 500.0 48.5 145.6#





#10

Methyl Iodide

Concen: 1.143 ug/l

RT: 2.458 min Scan# 21

Delta R.T. 0.005 min

Lab File: VX031359.D

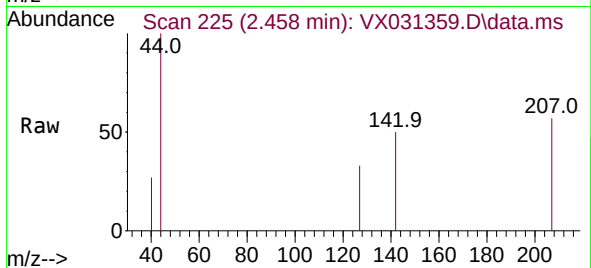
Acq: 15 Sep 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

DEACON-WATER-COMP



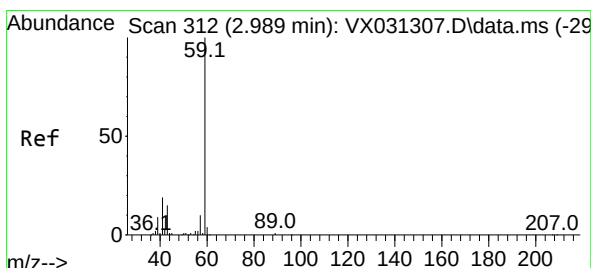
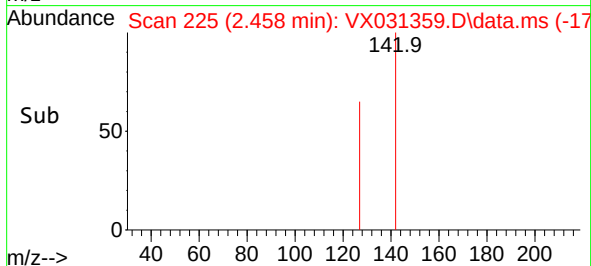
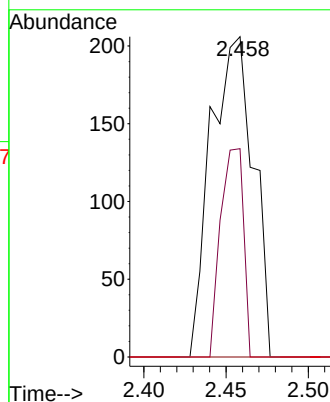
Tgt Ion:142 Resp: 371

Ion Ratio Lower Upper

142 100

127 35.0 37.4 56.0#

141 0.0 11.6 17.4#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 305

Delta R.T. -0.043 min

Lab File: VX031359.D

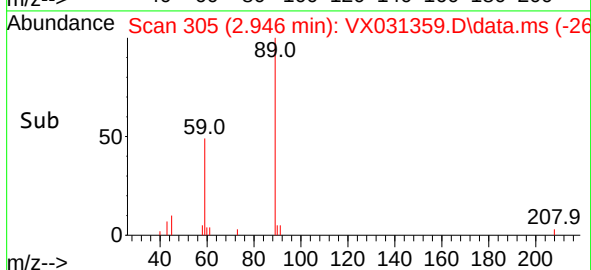
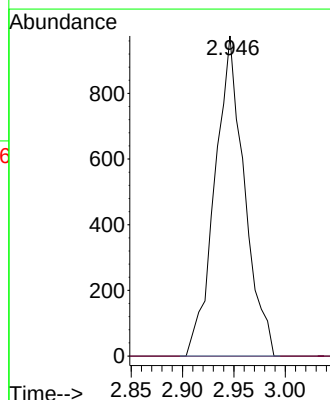
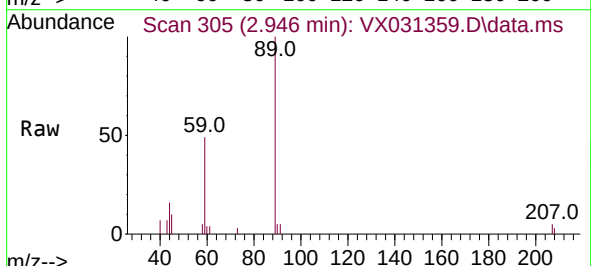
Acq: 15 Sep 2022 17:22

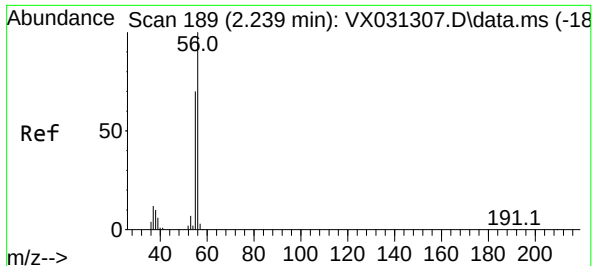
Tgt Ion: 59 Resp: 1946

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

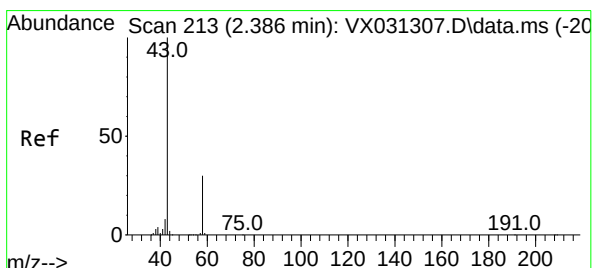
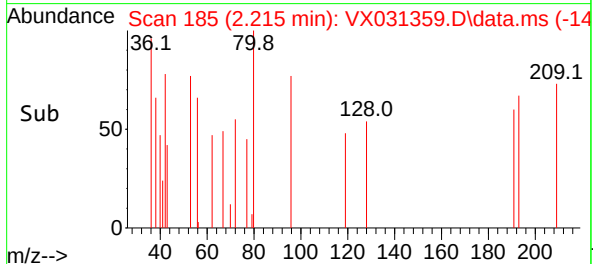
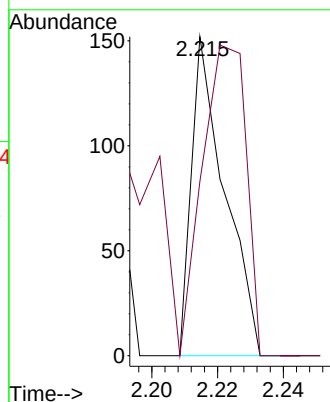
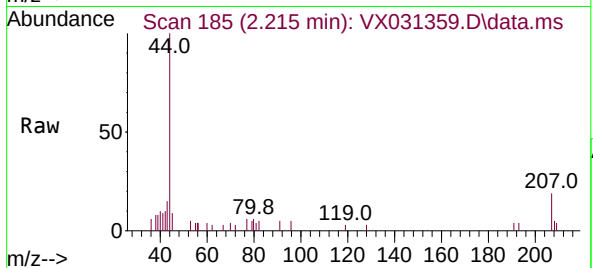




#13
Acrolein
Concen: 0.389 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

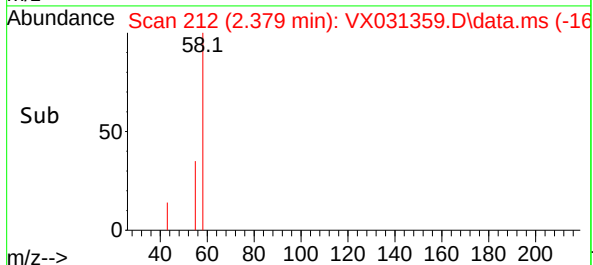
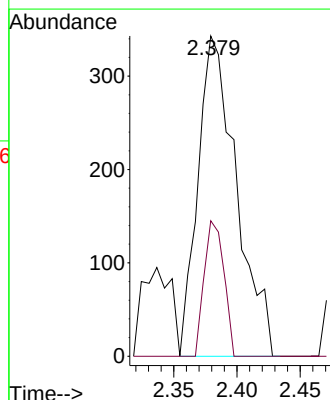
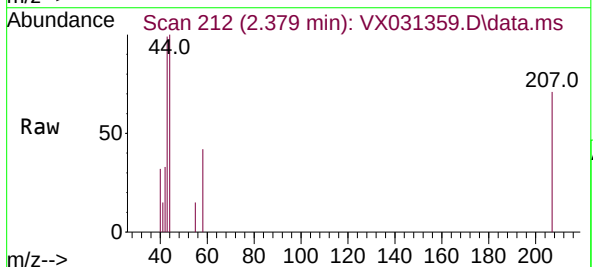
Instrument :
MSVOA_X
ClientSampleId :
DEACON-WATER-COMP

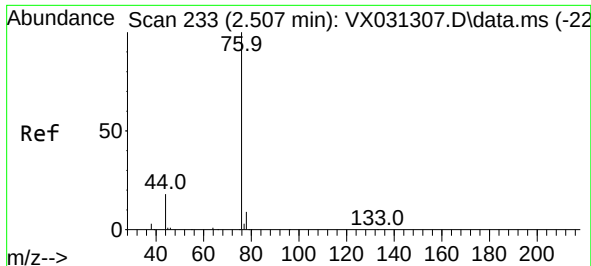
Tgt Ion: 56 Resp: 106
Ion Ratio Lower Upper
56 100
55 129.2 56.0 84.0#



#16
Acetone
Concen: 0.720 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 42.3 23.8 35.8#





#17

Carbon Disulfide

Concen: 1.024 ug/l

RT: 2.507 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031359.D

Acq: 15 Sep 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

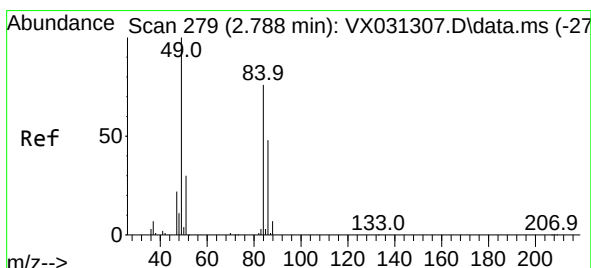
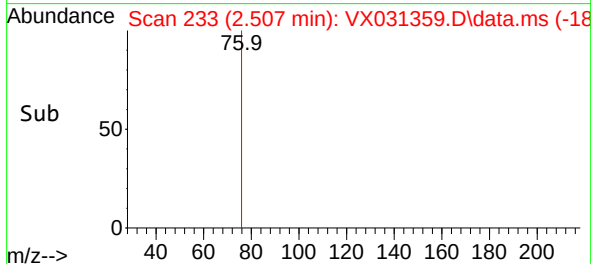
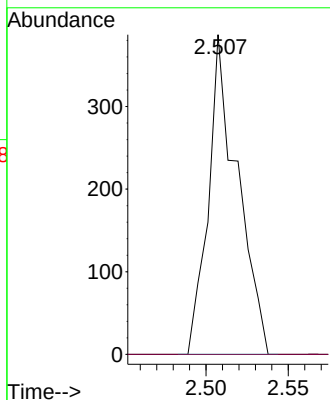
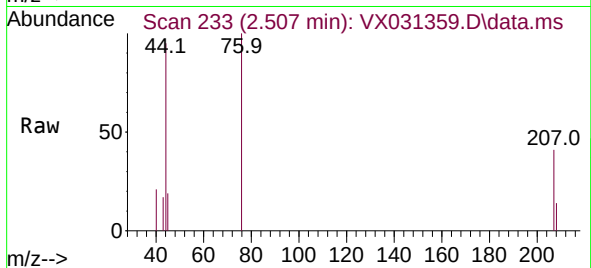
DEACON-WATER-COMP

Tgt Ion: 76 Resp: 474

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: VX031359.D

Acq: 15 Sep 2022 17:22

Tgt Ion: 84 Resp: 1108

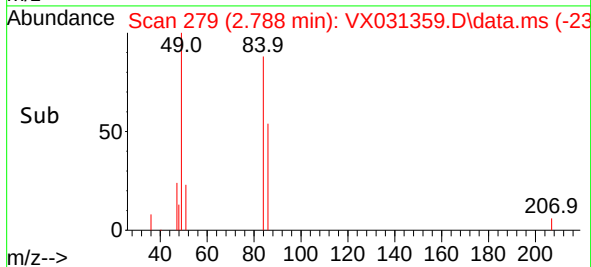
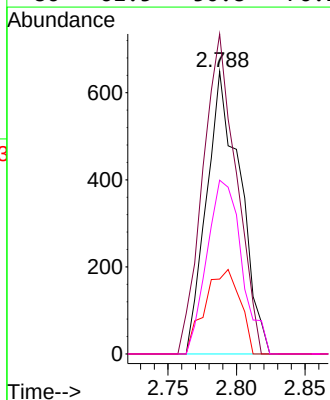
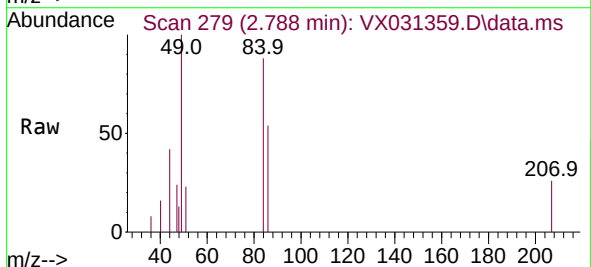
Ion Ratio Lower Upper

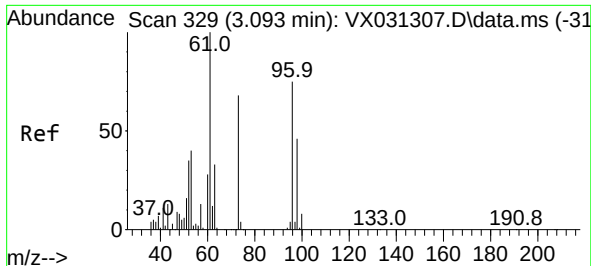
84 100

49 113.3 105.9 158.9

51 26.5 32.2 48.2#

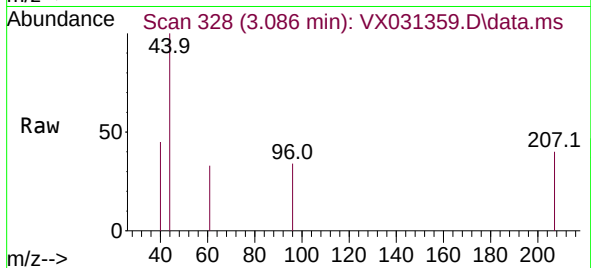
86 61.5 50.8 76.2



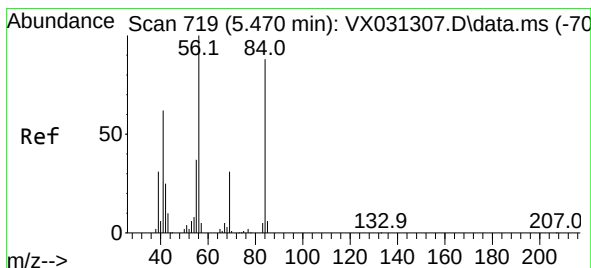
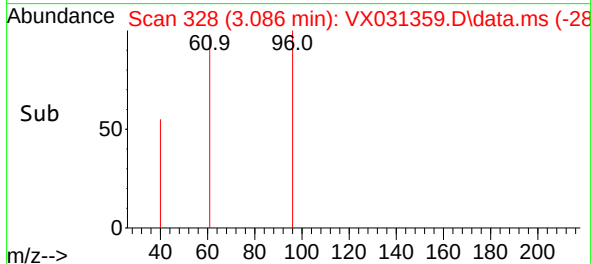
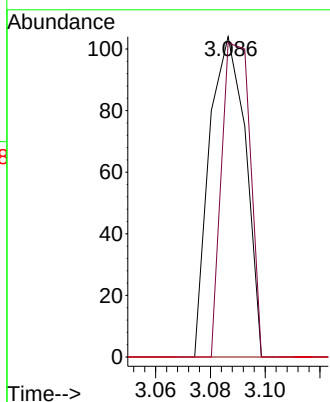


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.086 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

Instrument :
MSVOA_X
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DEACON-WATER-COMP

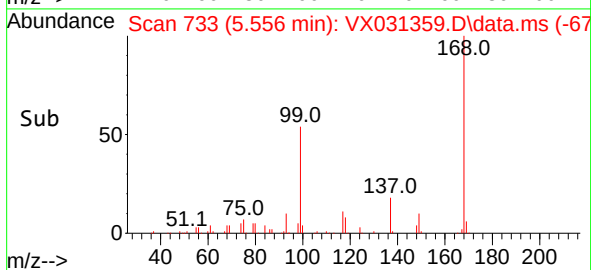
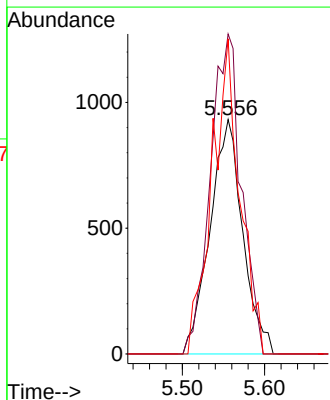
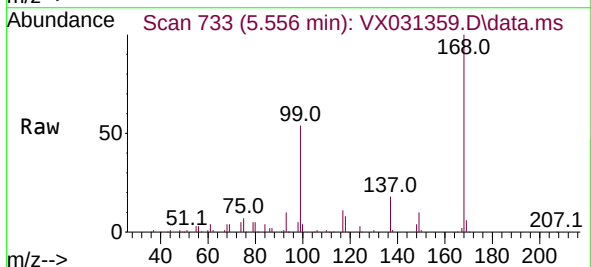


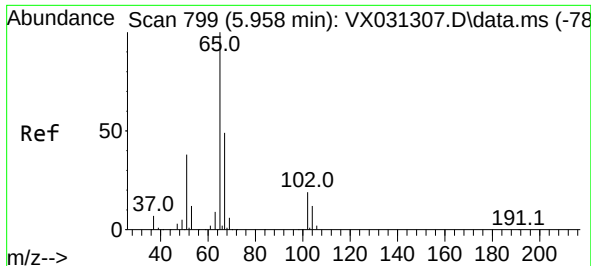
Tgt Ion: 96 Resp: 95
Ion Ratio Lower Upper
96 100
61 98.1 106.7 160.1#
98 0.0 48.7 73.1#



#31
Cyclohexane
Concen: 1.014 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

Tgt Ion: 56 Resp: 2575
Ion Ratio Lower Upper
56 100
69 136.5 25.1 37.7#
84 134.4 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 42.974 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031359.D

Acq: 15 Sep 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

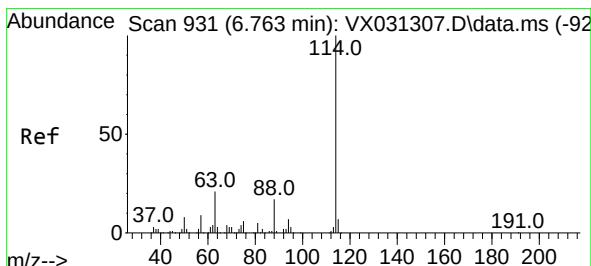
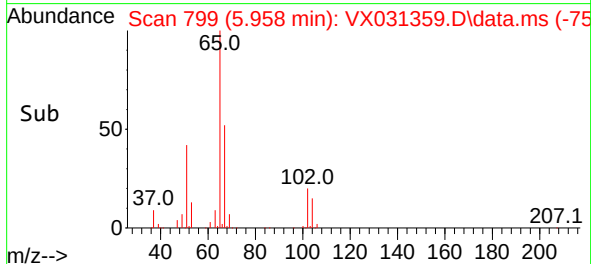
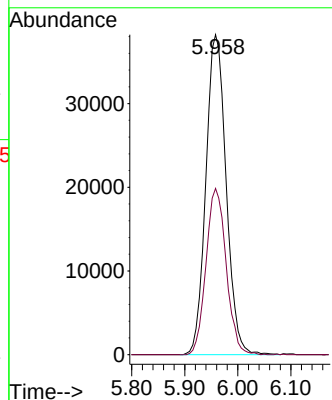
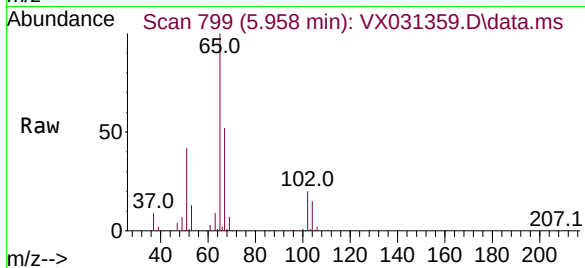
DEACON-WATER-COMP

Tgt Ion: 65 Resp: 101592

Ion Ratio Lower Upper

65 100

67 51.6 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: VX031359.D

Acq: 15 Sep 2022 17:22

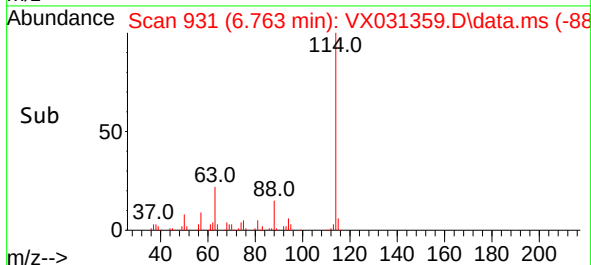
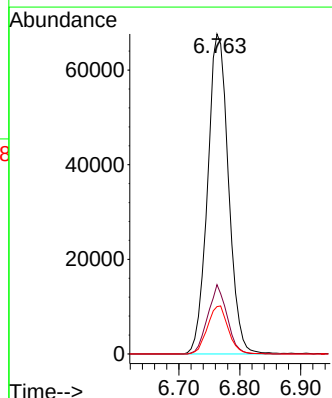
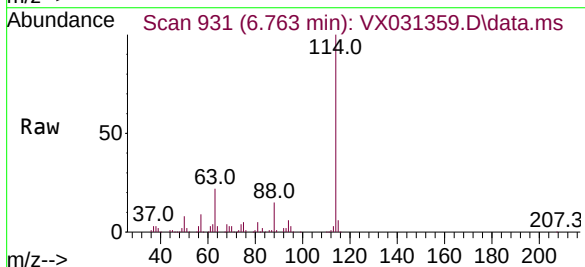
Tgt Ion: 114 Resp: 161179

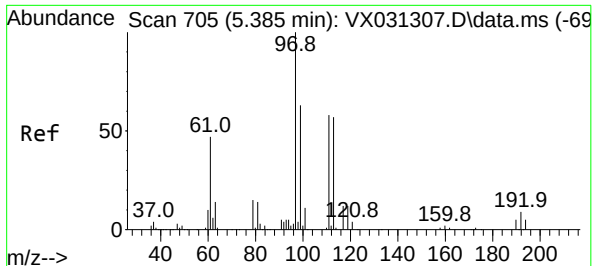
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.6

88 14.8 0.0 33.0

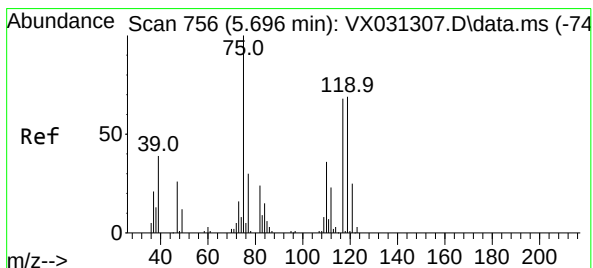
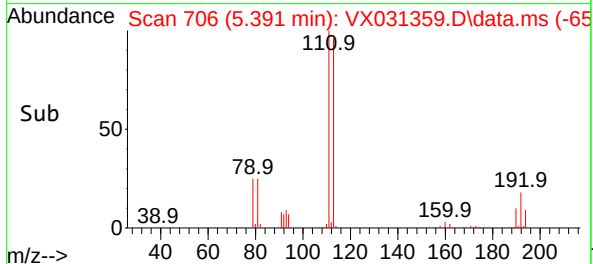
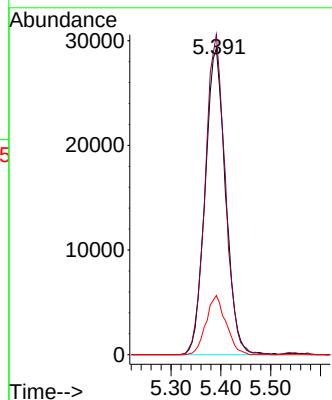
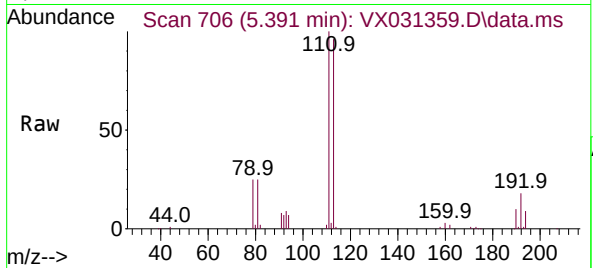




#35
Dibromofluoromethane
Concen: 48.025 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

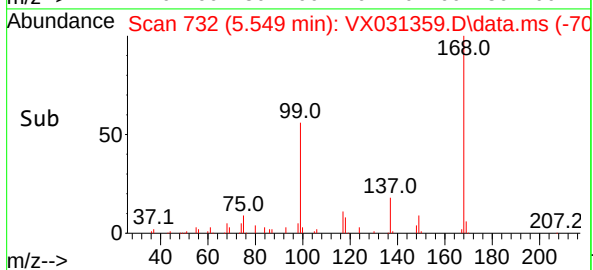
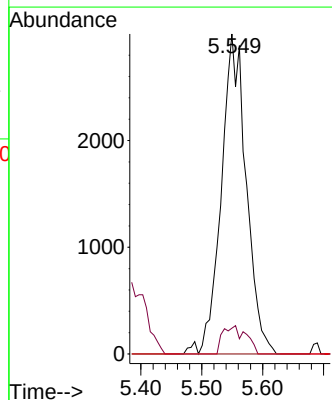
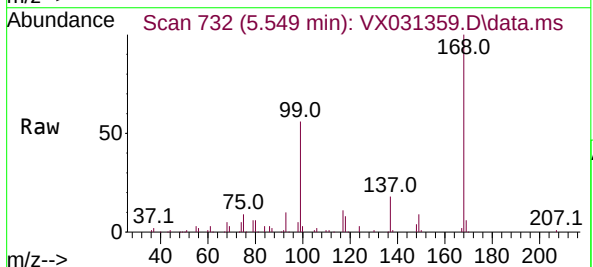
Instrument :
MSVOA_X
ClientSampleId :
DEACON-WATER-COMP

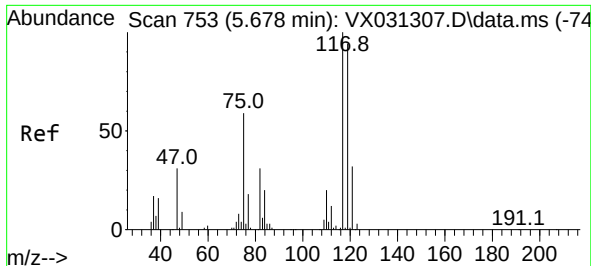
Tgt Ion:113 Resp: 83206
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 18.8 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.602 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

Tgt Ion: 75 Resp: 8541
Ion Ratio Lower Upper
75 100
110 8.1 17.5 52.5#
77 0.0 24.9 37.3#

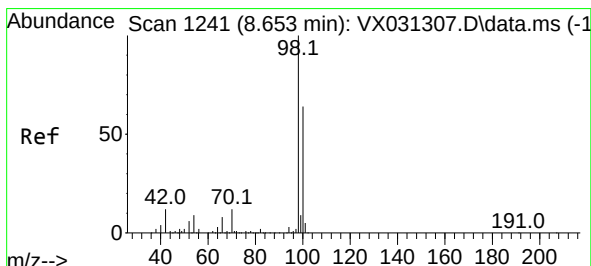
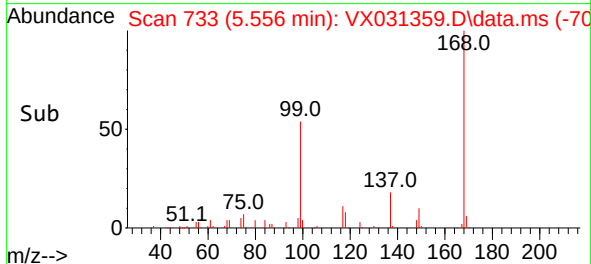
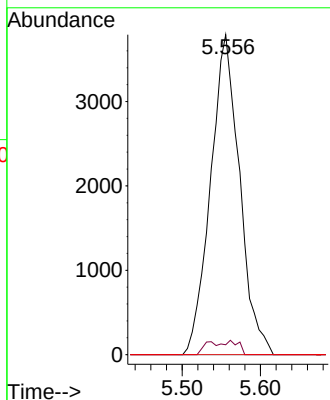
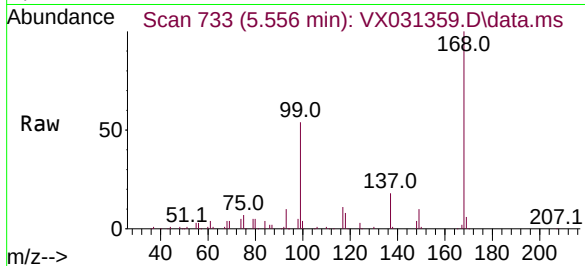




#38
Carbon Tetrachloride
Concen: 3.791 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

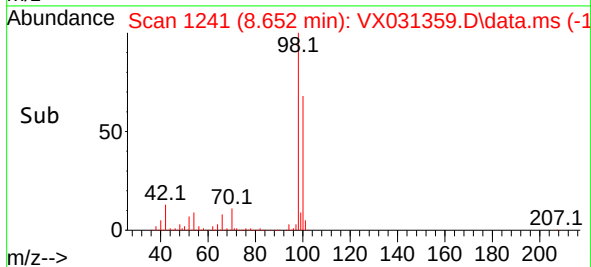
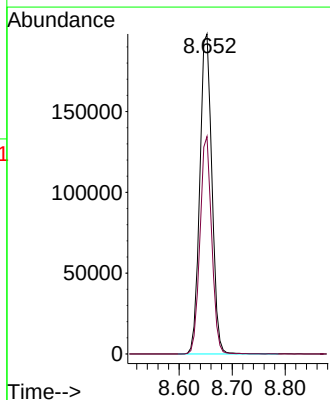
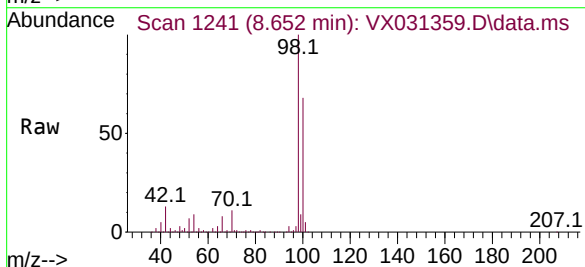
Instrument :
MSVOA_X
ClientSampleId :
DEACON-WATER-COMP

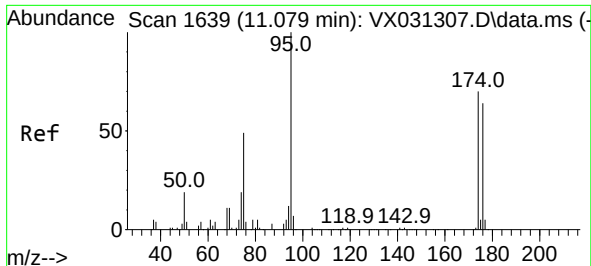
Tgt Ion:117 Resp: 9771
Ion Ratio Lower Upper
117 100
119 3.1 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.276 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

Tgt Ion: 98 Resp: 313751
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

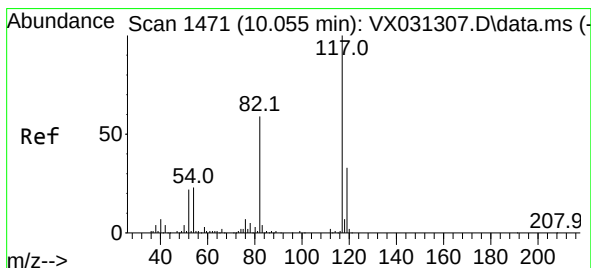
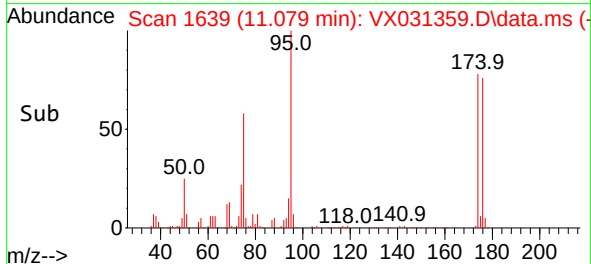
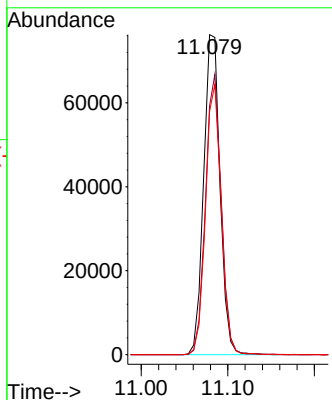
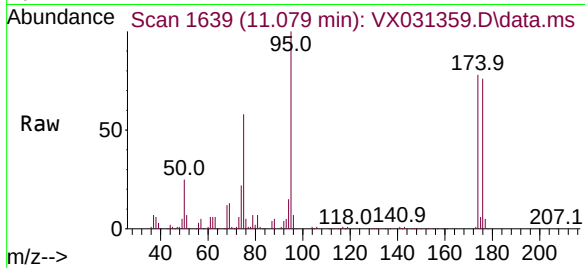




#62
4-Bromofluorobenzene
Concen: 41.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

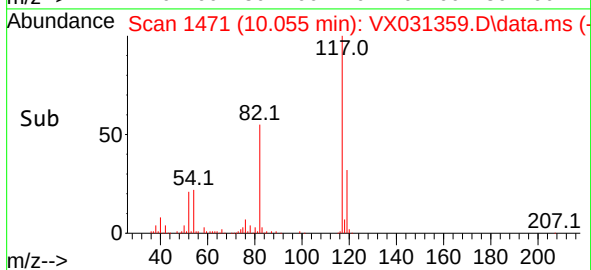
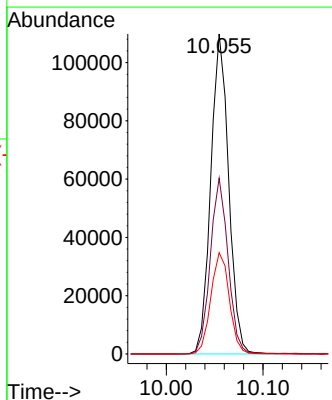
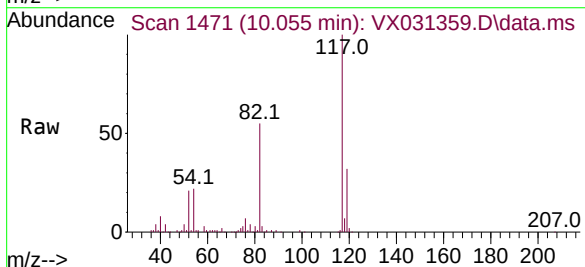
Instrument :
MSVOA_X
ClientSampleId :
DEACON-WATER-COMP

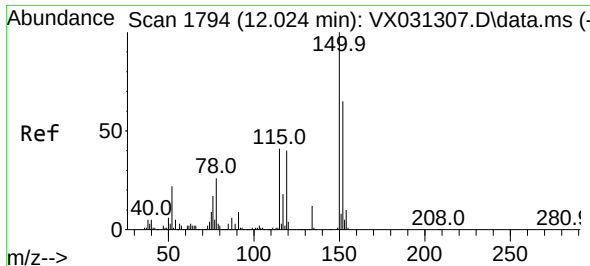
Tgt Ion: 95 Resp: 99884
Ion Ratio Lower Upper
95 100
174 84.6 0.0 153.2
176 81.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

Tgt Ion: 117 Resp: 141193
Ion Ratio Lower Upper
117 100
82 55.0 46.8 70.2
119 31.7 26.4 39.6

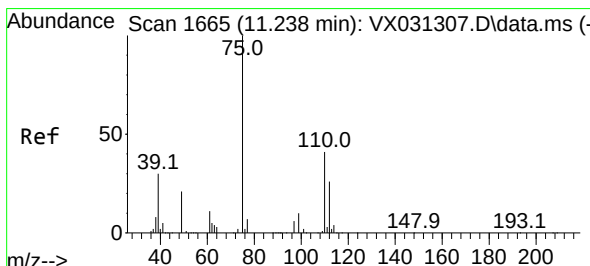
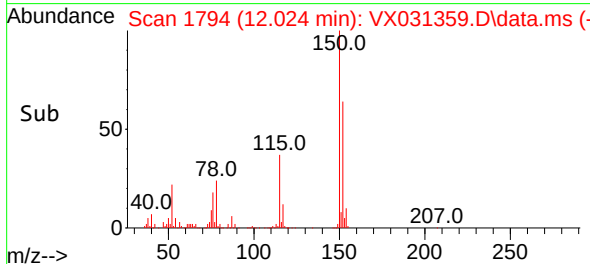
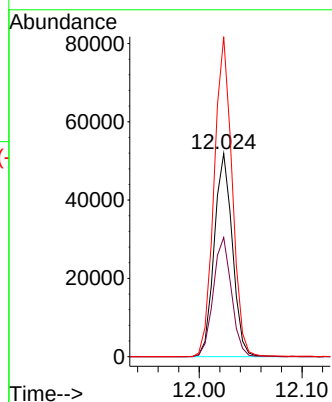
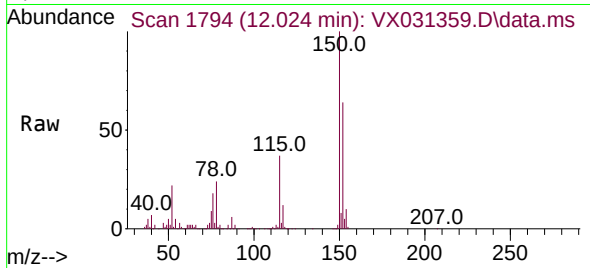




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031359.D
 Acq: 15 Sep 2022 17:22

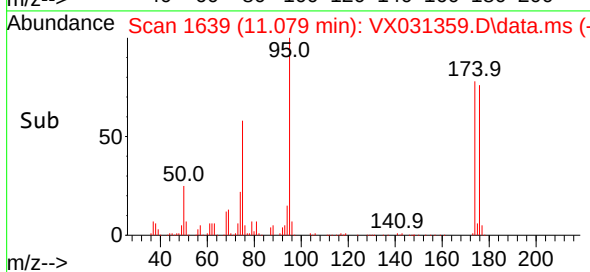
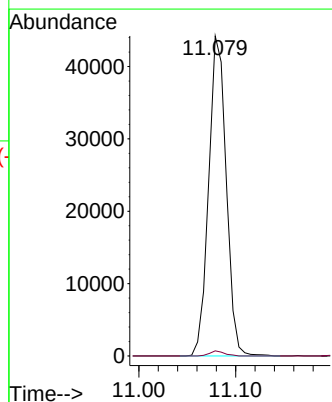
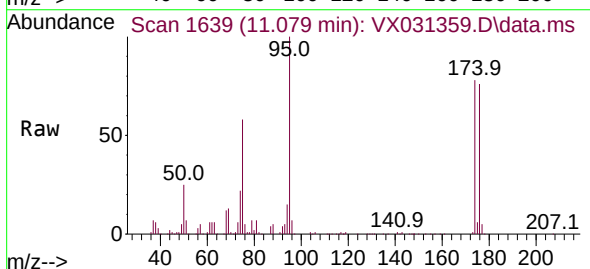
Instrument :
 MSVOA_X
 ClientSampleId :
 DEACON-WATER-COMP

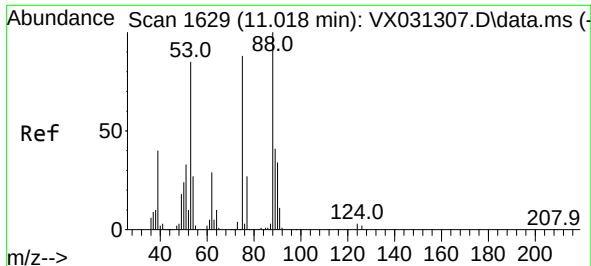
Tgt Ion:152 Resp: 63567
 Ion Ratio Lower Upper
 152 100
 115 58.9 43.4 130.1
 150 156.8 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 34.900 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX031359.D
 Acq: 15 Sep 2022 17:22

Tgt Ion: 75 Resp: 55906
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.3 60.9#

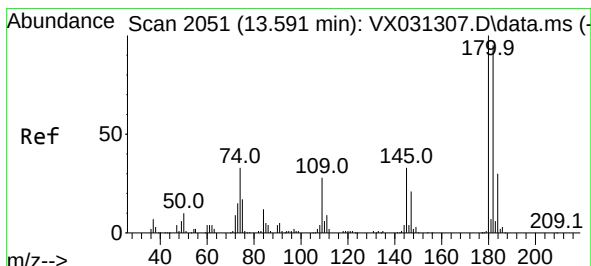
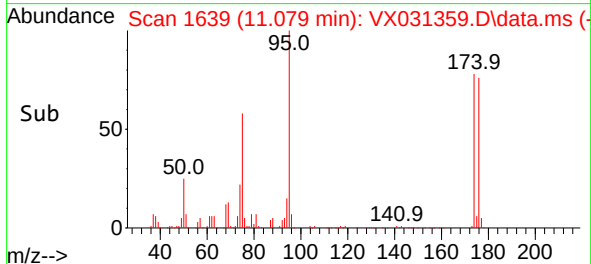
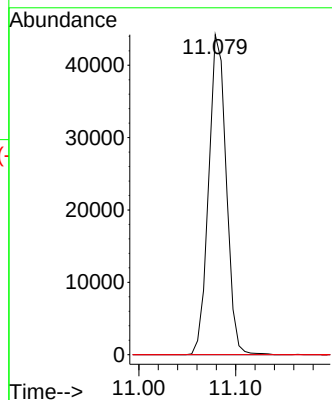
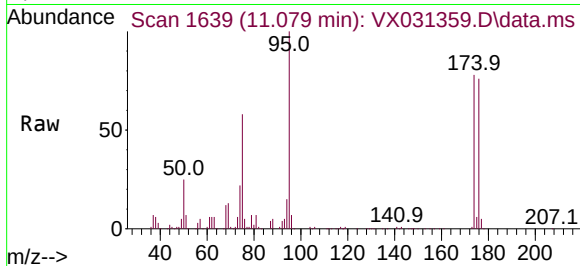




#81
trans-1,4-Dichloro-2-butene
Concen: 96.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

Instrument :
MSVOA_X
ClientSampleId :
DEACON-WATER-COMP

Tgt Ion: 75 Resp: 55906
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.201 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX031359.D
Acq: 15 Sep 2022 17:22

Tgt Ion: 180 Resp: 226
Ion Ratio Lower Upper
180 100
182 54.9 46.9 140.6
145 48.2 16.7 50.1

