

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037340.D
 Acq On : 29 Aug 2023 14:27
 Operator : JC/MD
 Sample : 04207-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-06B-79-082823-H

Quant Time: Aug 30 02:06:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

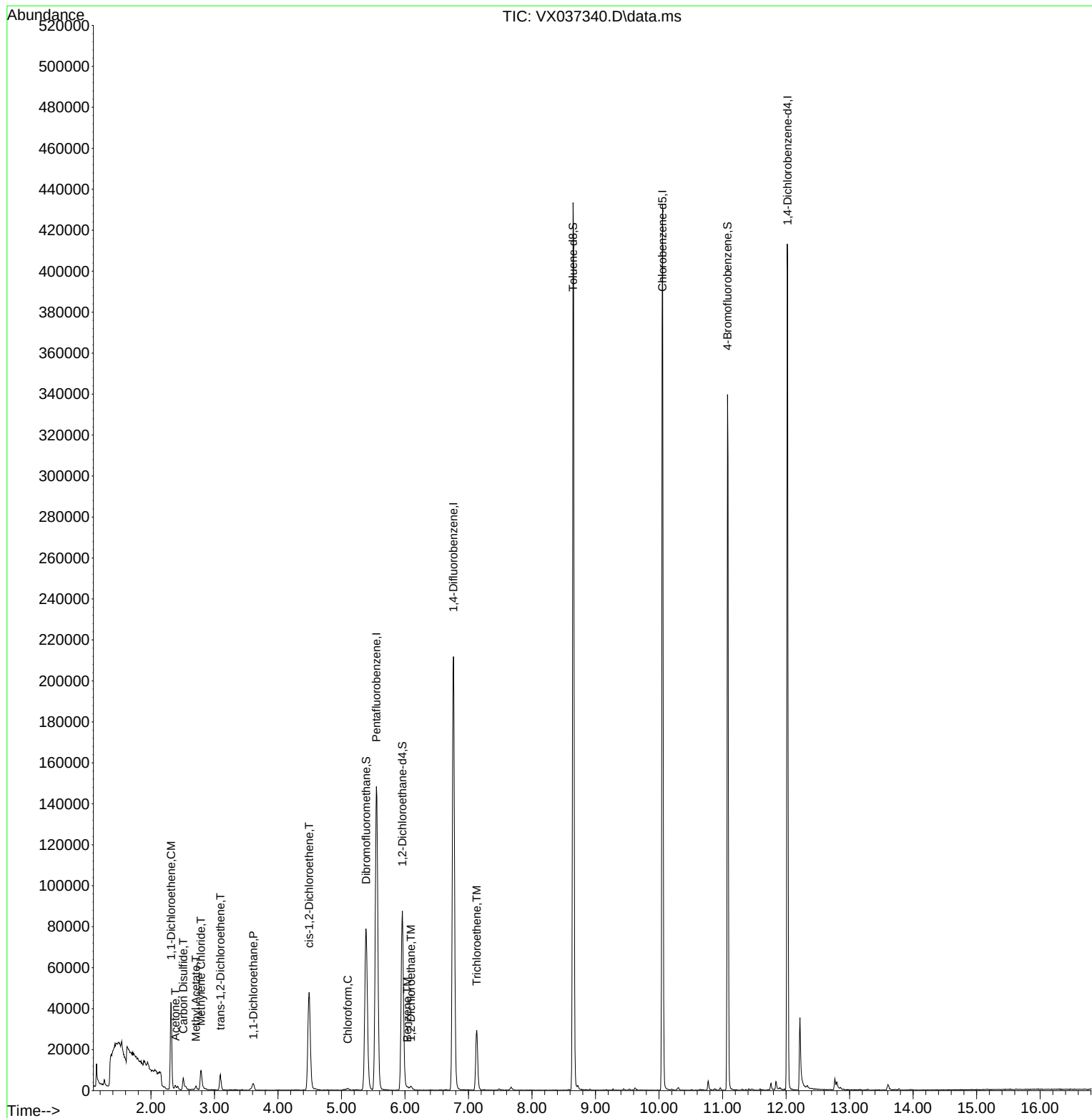
Internal Standards						
1) Pentafluorobenzene	5.550	168	140066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84570	41.881	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.760%
35) Dibromofluoromethane	5.385	113	70293	46.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	8.647	98	266083	48.292	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.079	95	95040	43.892	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.780%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	15249	10.576	ug/l	83
16) Acetone	2.386	43	2408	3.048	ug/l	92
17) Carbon Disulfide	2.508	76	7877	2.148	ug/l	98
18) Methyl Acetate	2.709	43	1961	0.659	ug/l #	83
20) Methylene Chloride	2.788	84	6250	3.538	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	3155	1.925	ug/l	86
24) 1,1-Dichloroethane	3.611	63	3744	1.304	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	32392	16.764	ug/l	81
30) Chloroform	5.099	83	1083	0.336	ug/l #	62
40) Benzene	6.037	78	1774	0.287	ug/l	91
42) 1,2-Dichloroethane	6.092	62	2295	0.946	ug/l	96
44) Trichloroethene	7.129	130	12099	6.894	ug/l	99

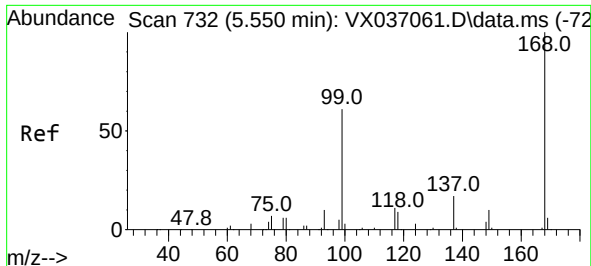
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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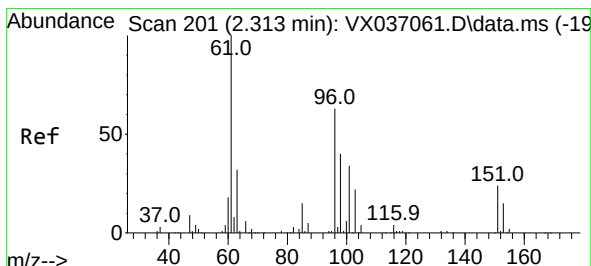
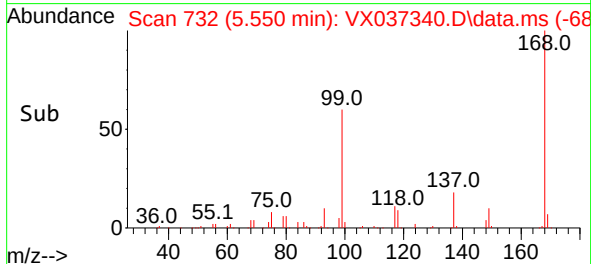
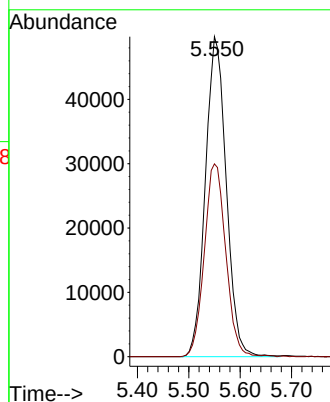
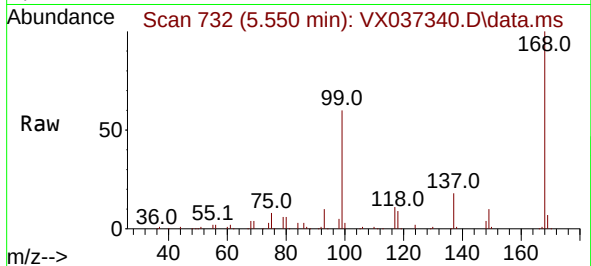




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037340.D
Acq: 29 Aug 2023 14:27

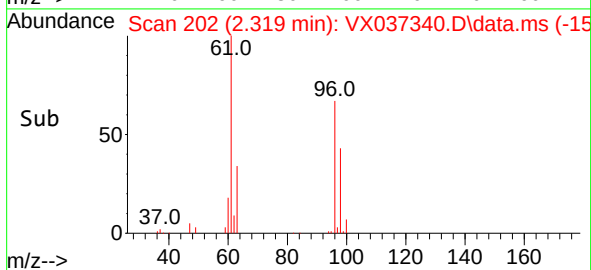
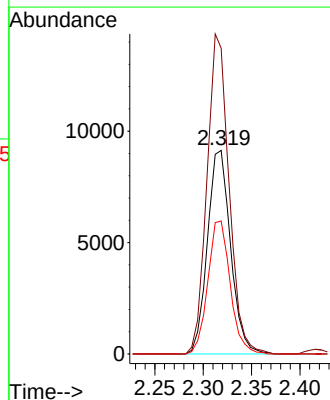
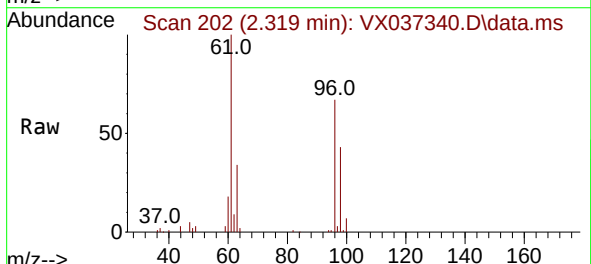
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-79-082823-H

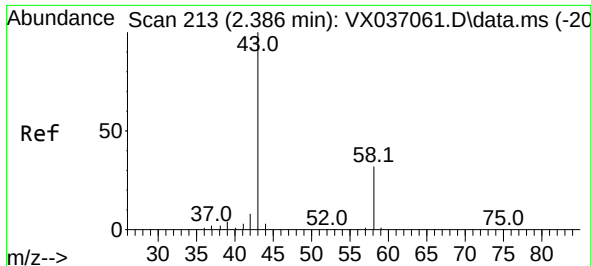
Tgt Ion:168 Resp: 140066
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0



#12
1,1-Dichloroethene
Concen: 10.576 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037340.D
Acq: 29 Aug 2023 14:27

Tgt Ion: 96 Resp: 15249
Ion Ratio Lower Upper
96 100
61 150.2 144.6 216.8
98 65.3 50.4 75.6

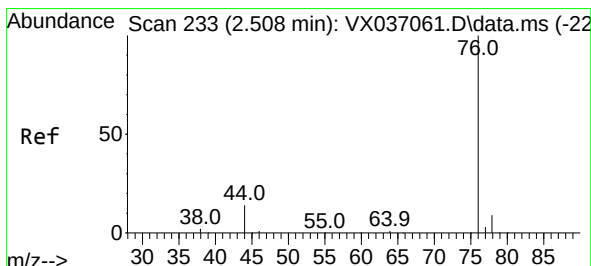
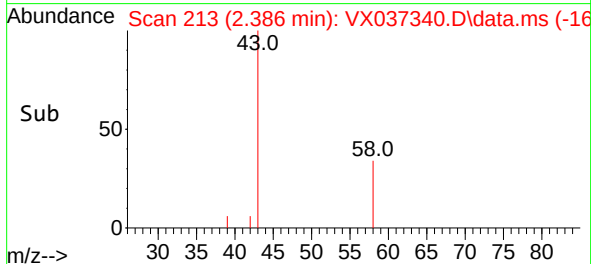
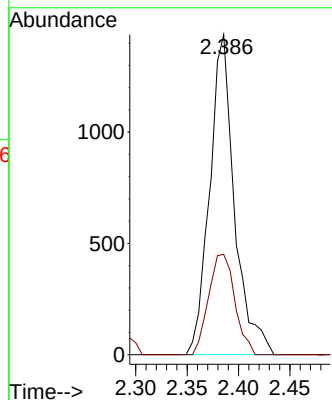
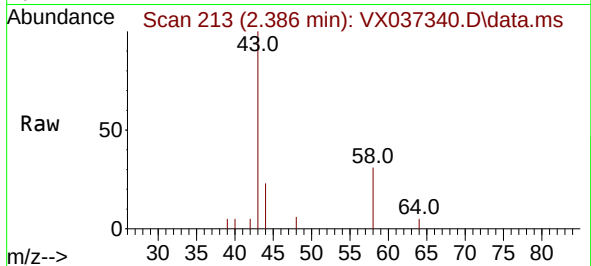




#16
Acetone
Concen: 3.048 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037340.D
Acq: 29 Aug 2023 14:27

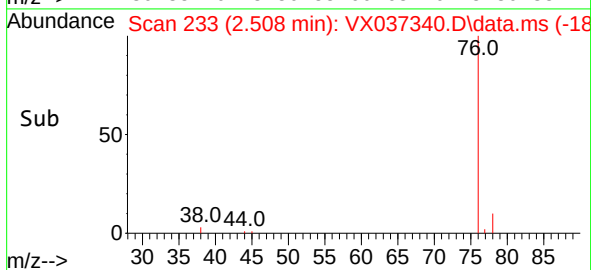
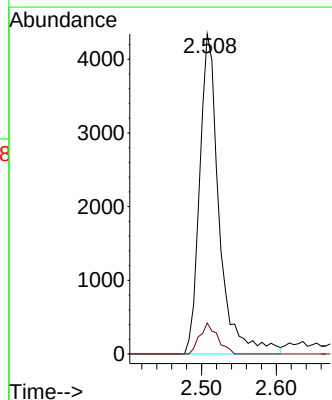
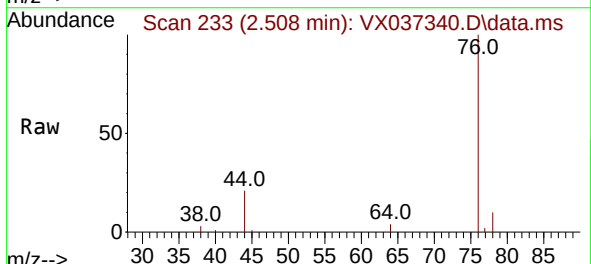
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-79-082823-H

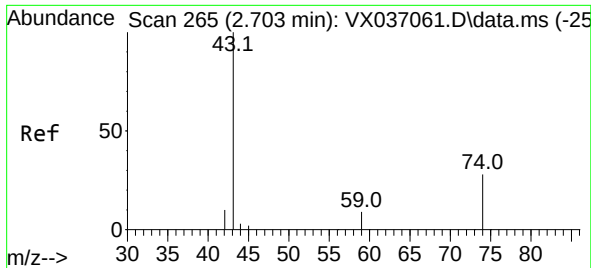
Tgt Ion: 43 Resp: 2408
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



#17
Carbon Disulfide
Concen: 2.148 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX037340.D
Acq: 29 Aug 2023 14:27

Tgt Ion: 76 Resp: 7877
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6





#18

Methyl Acetate

Concen: 0.659 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX037340.D

Acq: 29 Aug 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

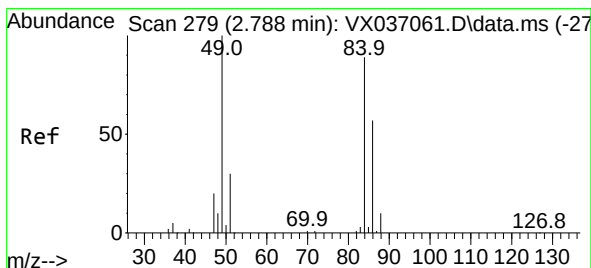
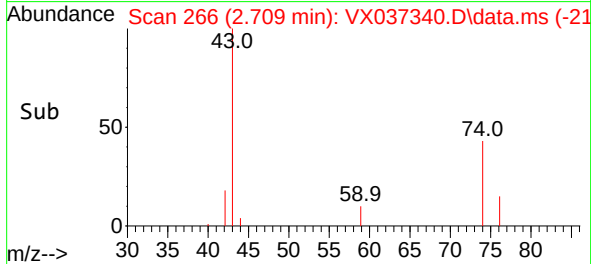
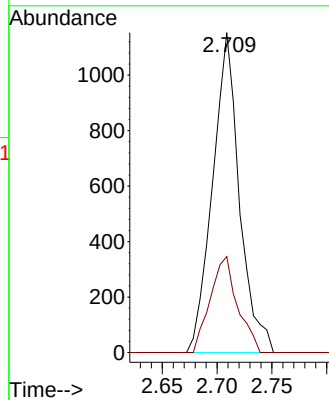
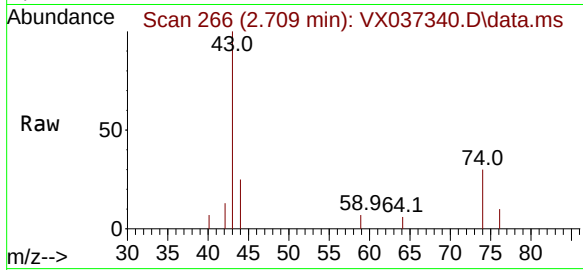
OW-06B-79-082823-H

Tgt Ion: 43 Resp: 1961

Ion Ratio Lower Upper

43 100

74 30.6 17.8 26.8#



#20

Methylene Chloride

Concen: 3.538 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX037340.D

Acq: 29 Aug 2023 14:27

Tgt Ion: 84 Resp: 6250

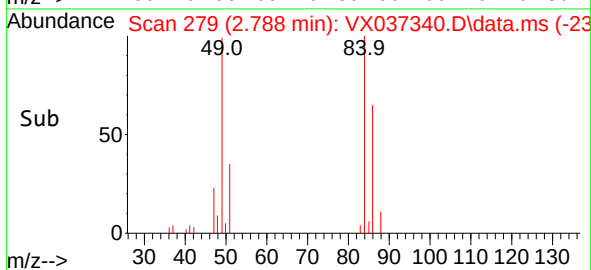
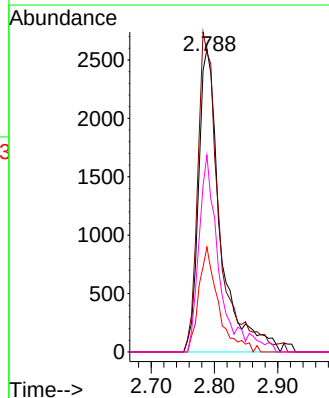
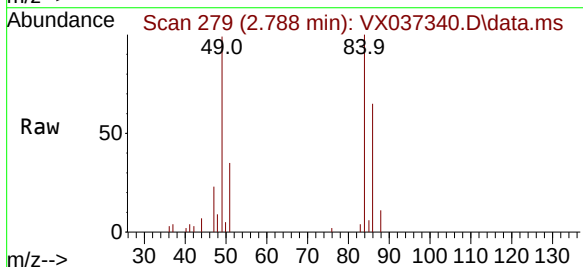
Ion Ratio Lower Upper

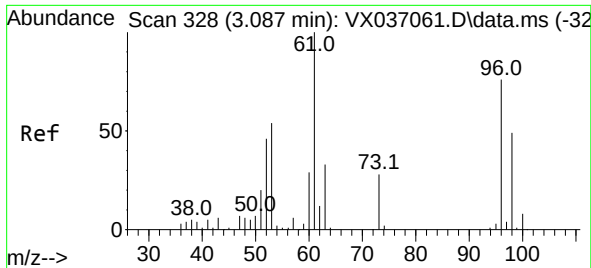
84 100

49 98.9 103.6 155.4#

51 34.6 33.8 50.6

86 65.0 49.4 74.0

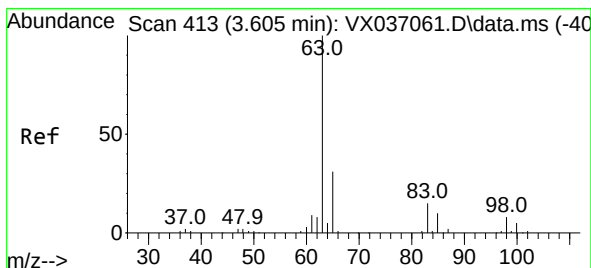
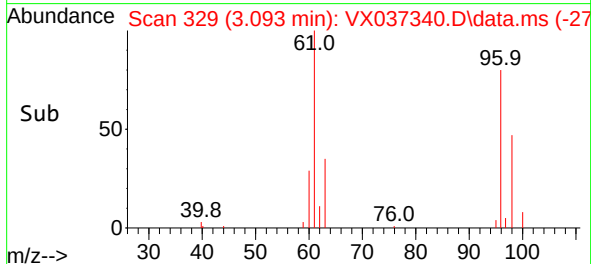
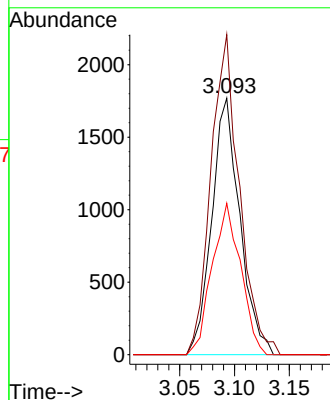
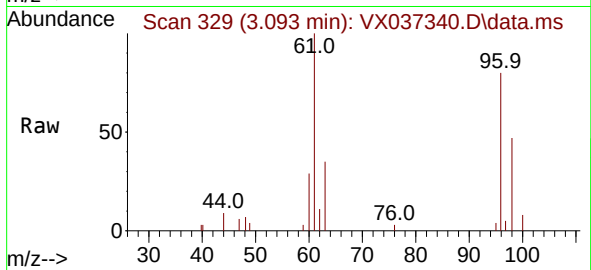




#21
trans-1,2-Dichloroethene
Concen: 1.925 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037340.D
Acq: 29 Aug 2023 14:27

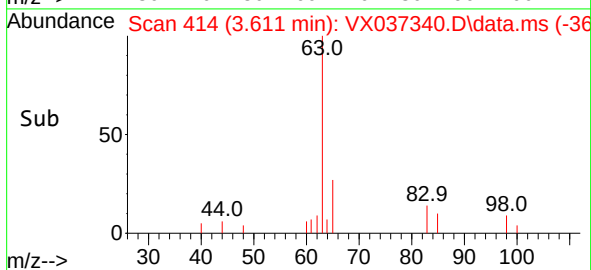
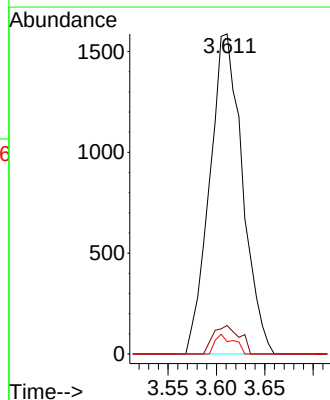
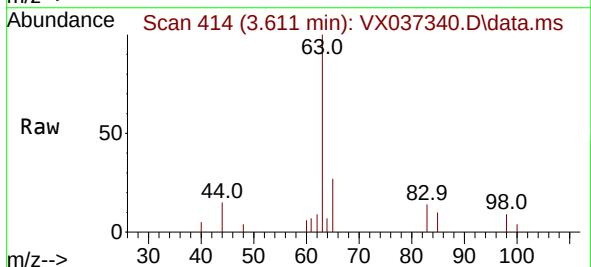
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-79-082823-H

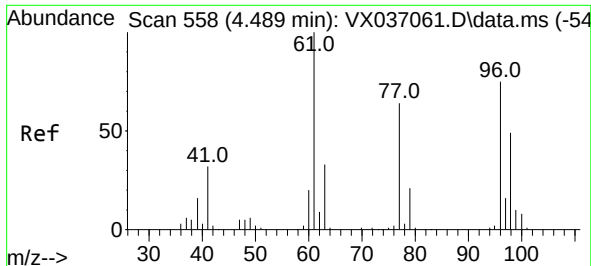
Tgt Ion: 96 Resp: 3155
Ion Ratio Lower Upper
96 100
61 124.8 119.2 178.8
98 59.0 48.7 73.1



#24
1,1-Dichloroethane
Concen: 1.304 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX037340.D
Acq: 29 Aug 2023 14:27

Tgt Ion: 63 Resp: 3744
Ion Ratio Lower Upper
63 100
98 8.9 3.3 9.8
100 3.8 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 16.764 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037340.D

Acq: 29 Aug 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-79-082823-H

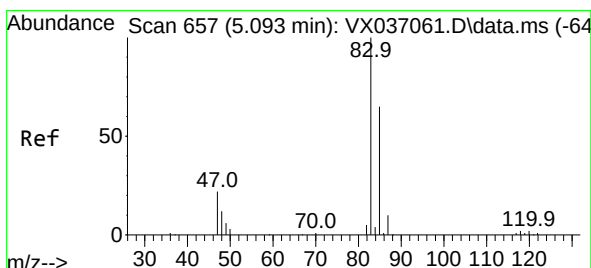
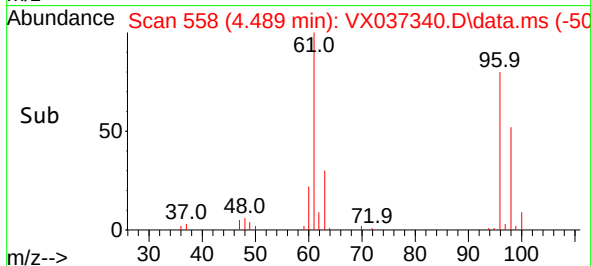
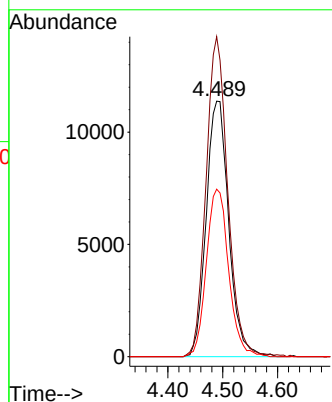
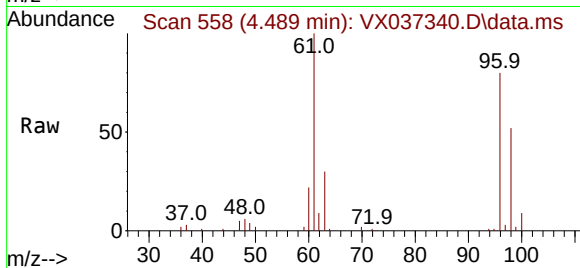
Tgt Ion: 96 Resp: 32392

Ion Ratio Lower Upper

96 100

61 120.9 0.0 312.2

98 65.0 0.0 129.0



#30

Chloroform

Concen: 0.336 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037340.D

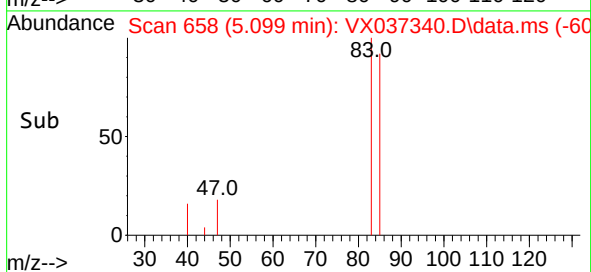
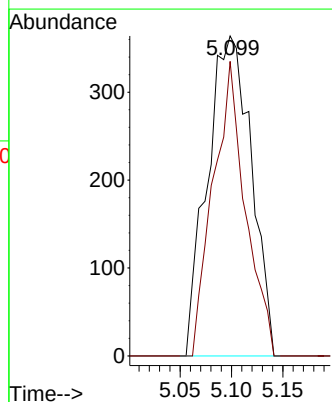
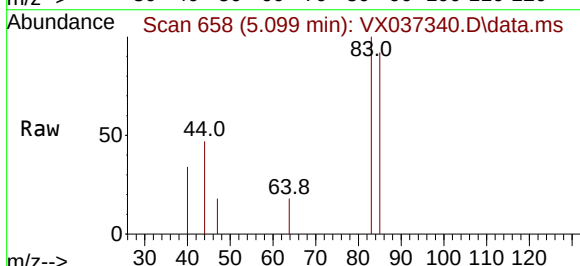
Acq: 29 Aug 2023 14:27

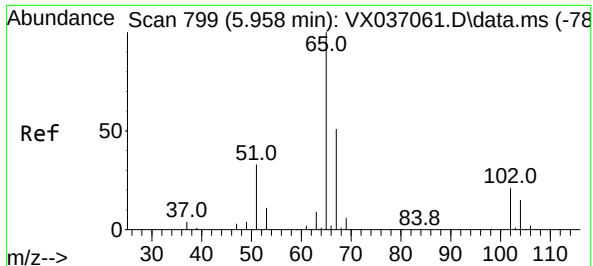
Tgt Ion: 83 Resp: 1083

Ion Ratio Lower Upper

83 100

85 92.0 50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 41.881 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037340.D

Acq: 29 Aug 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

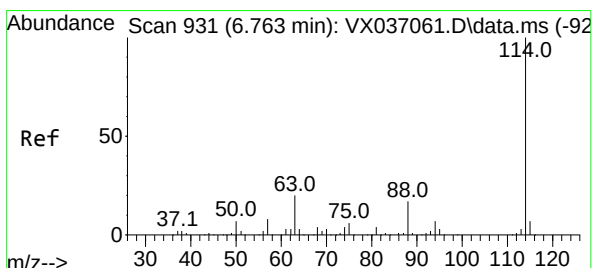
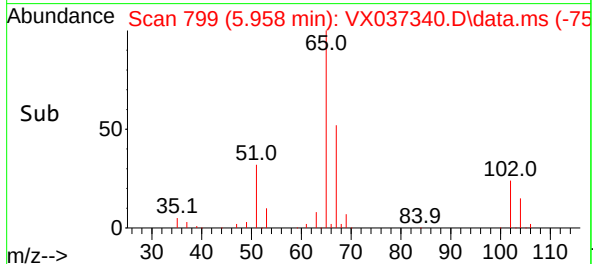
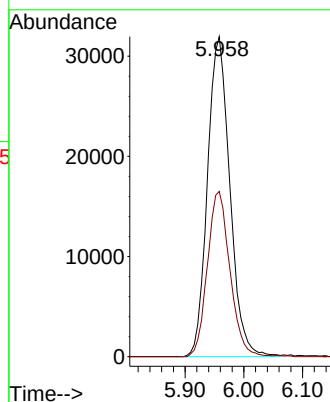
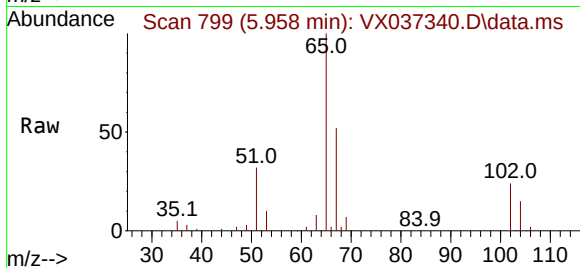
OW-06B-79-082823-H

Tgt Ion: 65 Resp: 84570

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037340.D

Acq: 29 Aug 2023 14:27

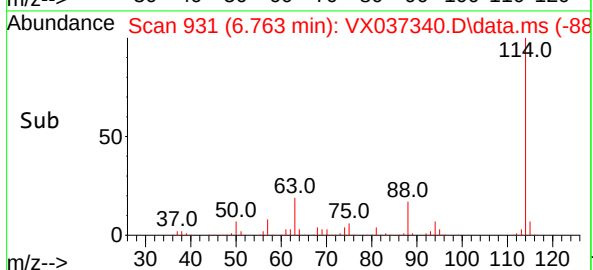
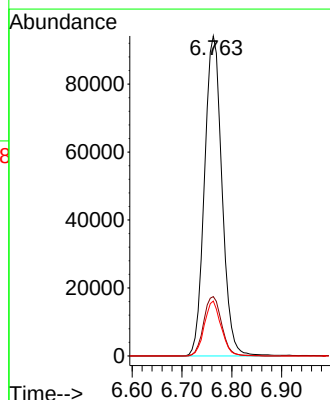
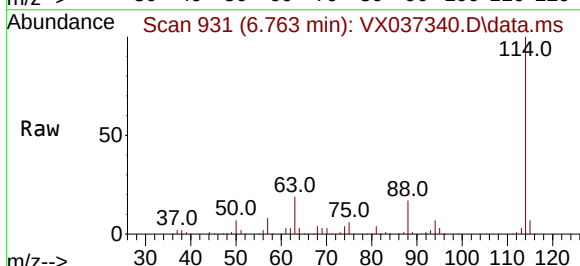
Tgt Ion: 114 Resp: 229358

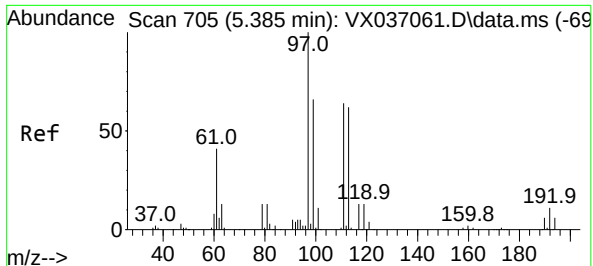
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

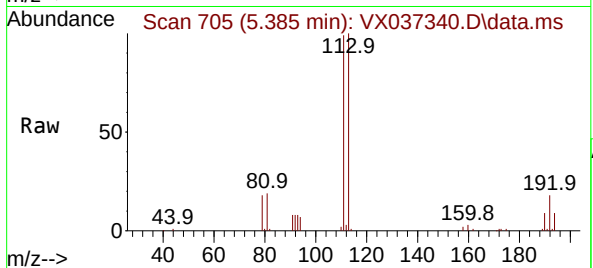
88 17.2 0.0 36.6



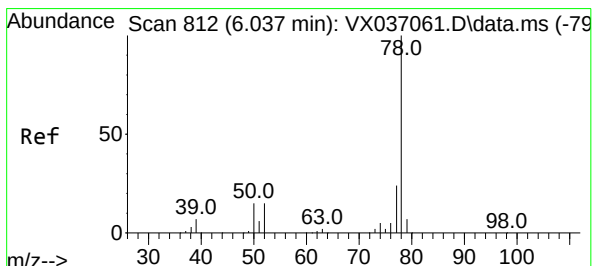
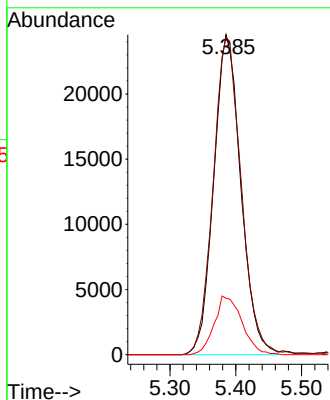
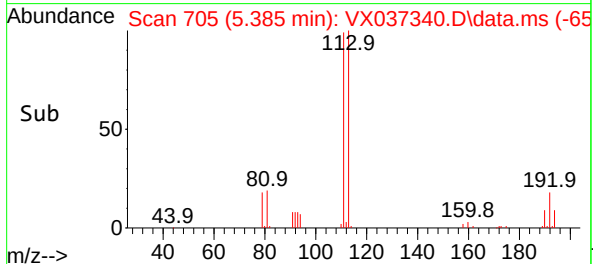


#35
Dibromofluoromethane
Concen: 46.276 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037340.D
Acq: 29 Aug 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-79-082823-H

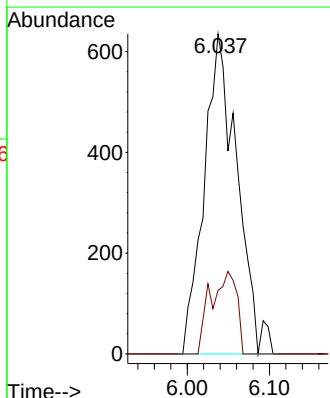
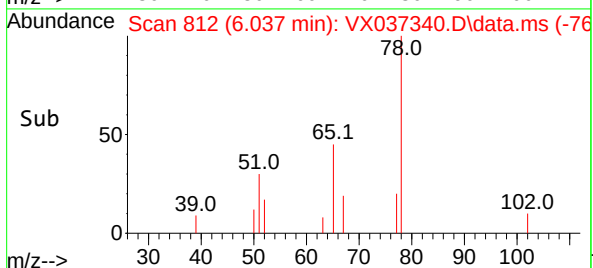
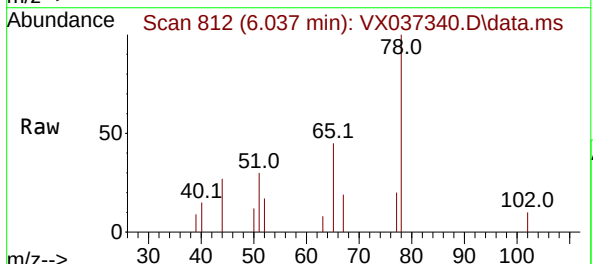


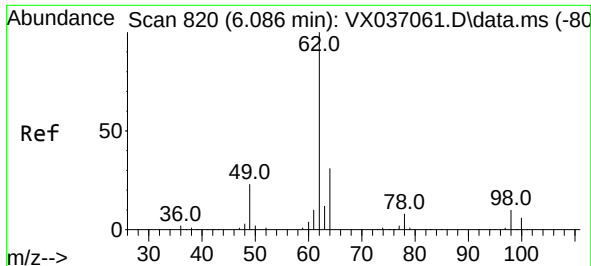
Tgt Ion:113 Resp: 70293
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.8 13.3 19.9



#40
Benzene
Concen: 0.287 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037340.D
Acq: 29 Aug 2023 14:27

Tgt Ion: 78 Resp: 1774
Ion Ratio Lower Upper
78 100
77 19.8 19.3 28.9





#42

1,2-Dichloroethane

Concen: 0.946 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX037340.D

Acq: 29 Aug 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

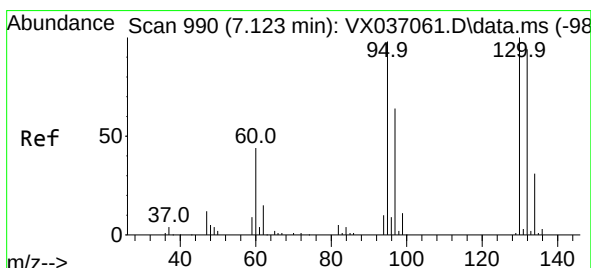
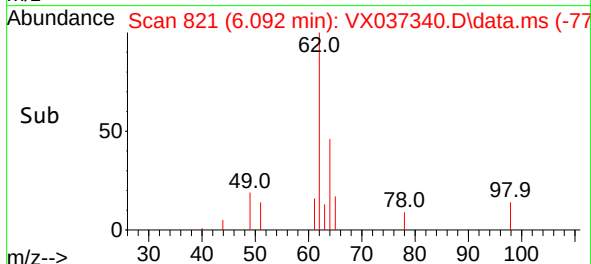
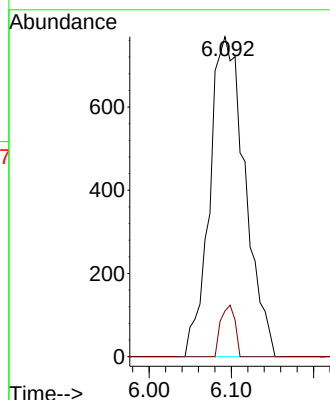
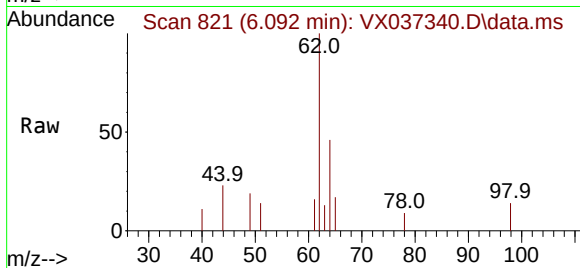
OW-06B-79-082823-H

Tgt Ion: 62 Resp: 2295

Ion Ratio Lower Upper

62 100

98 6.5 0.0 16.0



#44

Trichloroethene

Concen: 6.894 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037340.D

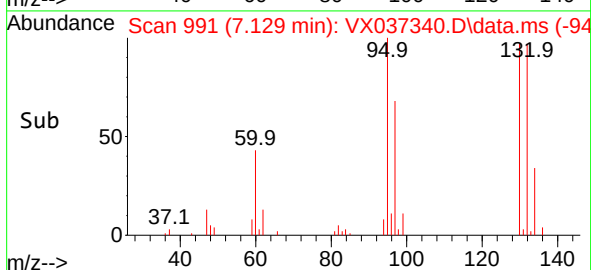
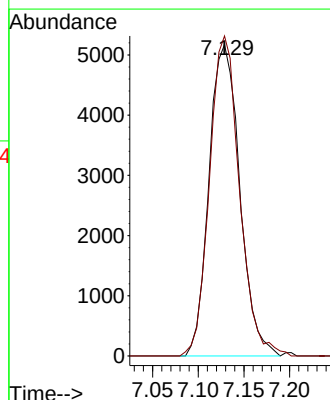
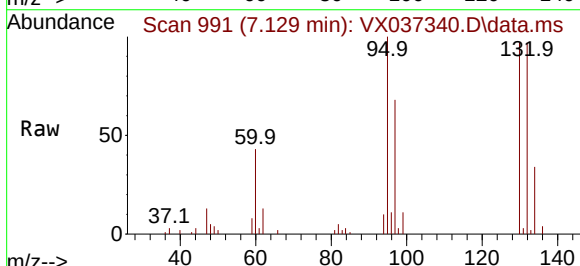
Acq: 29 Aug 2023 14:27

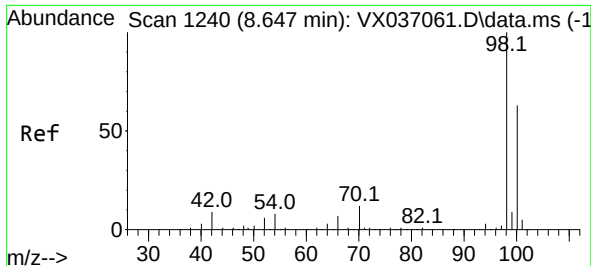
Tgt Ion:130 Resp: 12099

Ion Ratio Lower Upper

130 100

95 102.8 0.0 204.4

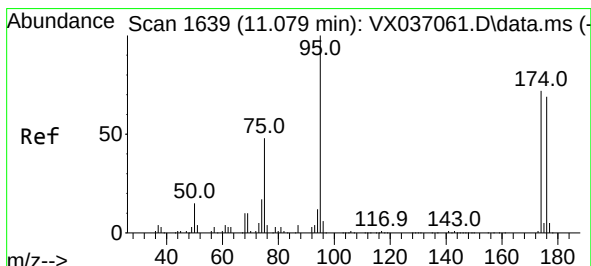
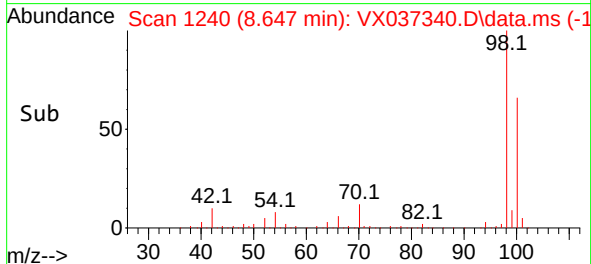
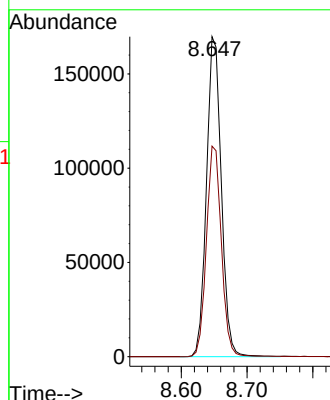
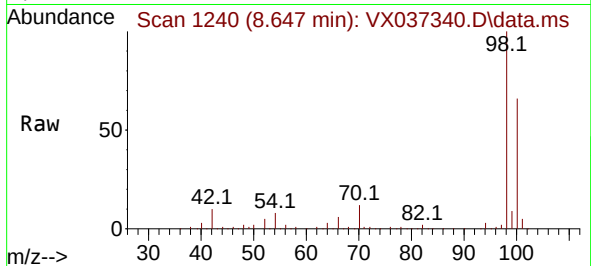




#50
Toluene-d8
Concen: 48.292 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037340.D
Acq: 29 Aug 2023 14:27

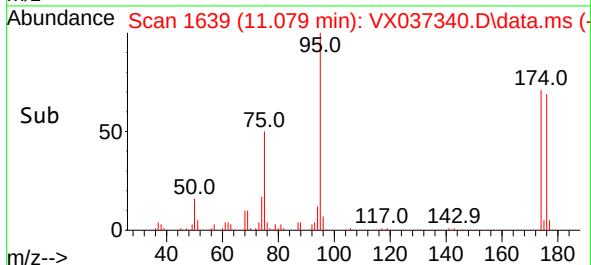
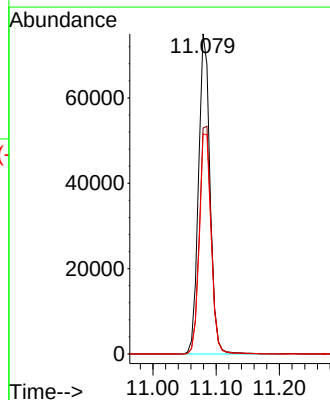
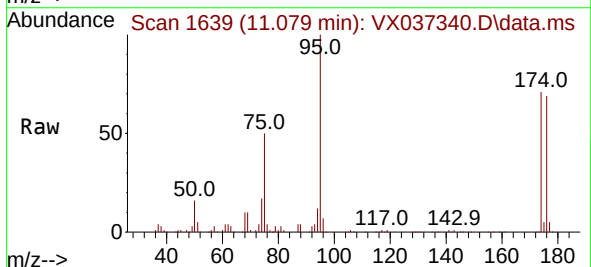
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-79-082823-H

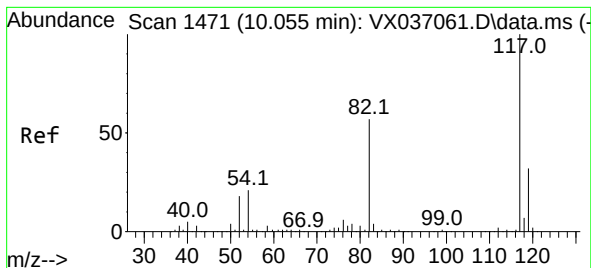
Tgt Ion: 98 Resp: 266083
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.892 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037340.D
Acq: 29 Aug 2023 14:27

Tgt Ion: 95 Resp: 95040
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 70.6 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX037340.D

Acq: 29 Aug 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-79-082823-H

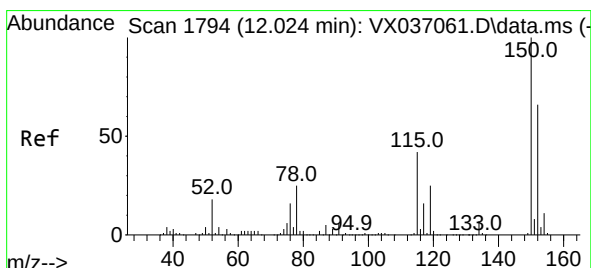
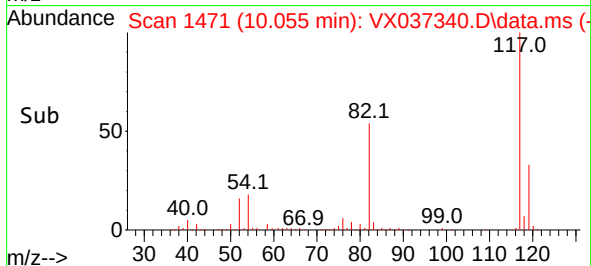
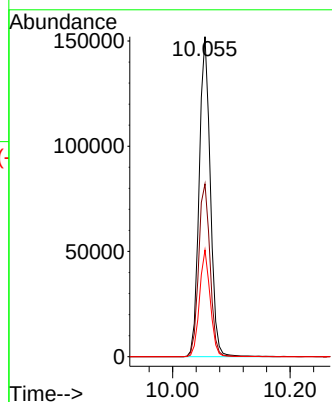
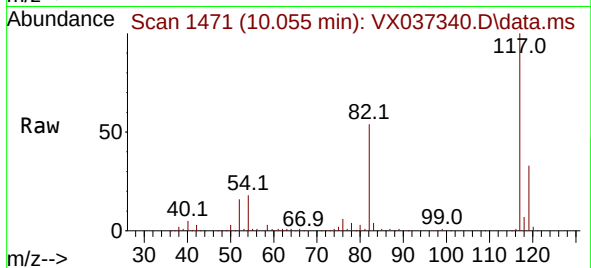
Tgt Ion:117 Resp: 199458

Ion Ratio Lower Upper

117 100

82 54.0 46.2 69.4

119 33.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037340.D

Acq: 29 Aug 2023 14:27

Tgt Ion:152 Resp: 86727

Ion Ratio Lower Upper

152 100

115 63.7 43.3 129.9

150 158.0 0.0 345.0

