

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037565.D
 Acq On : 06 Sep 2023 19:32
 Operator : JC/MD
 Sample : 04288-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-06B-76.5-090123-3V

Quant Time: Sep 06 22:48:49 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)

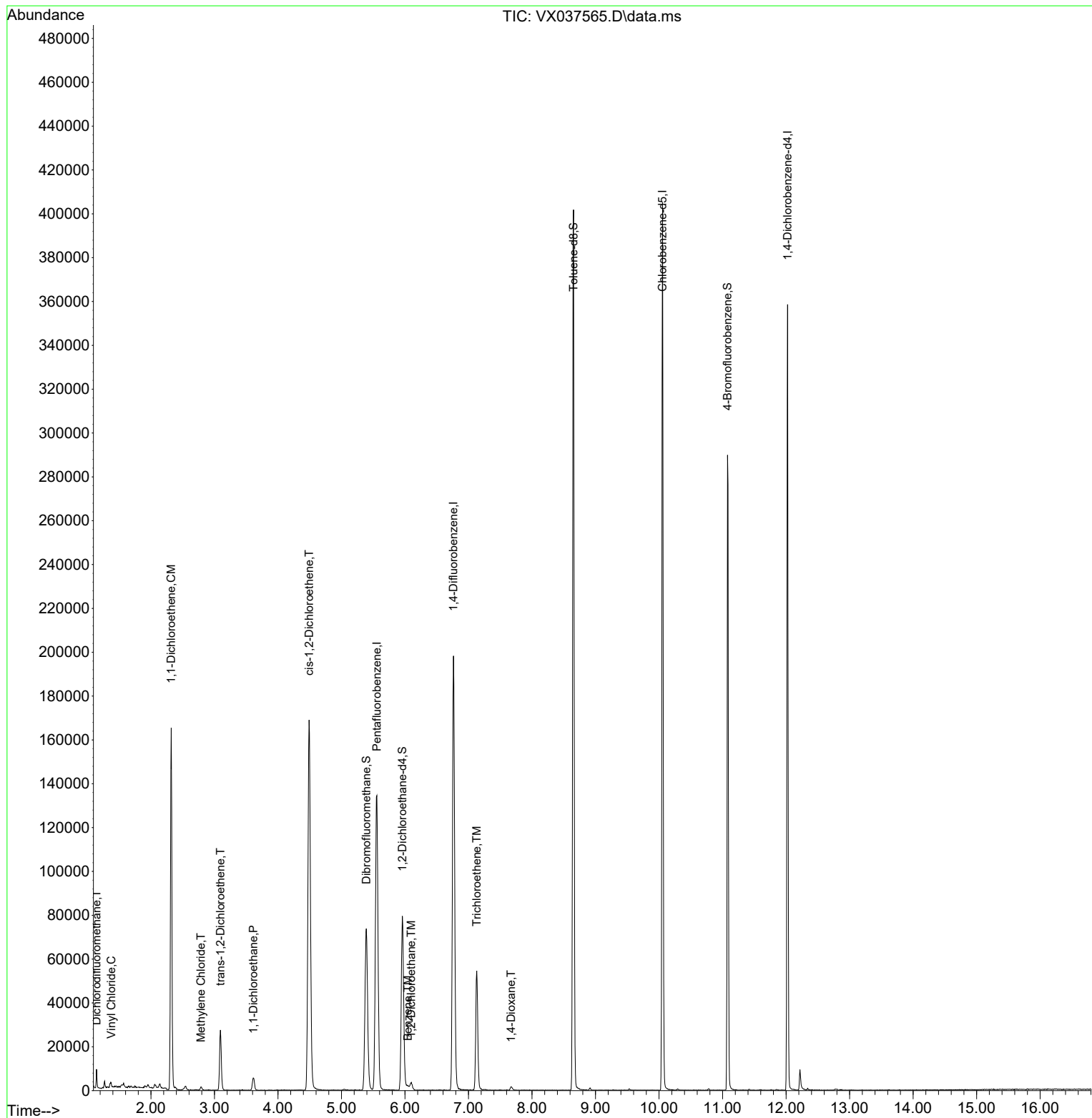
Internal Standards						
1) Pentafluorobenzene	5.556	168	128674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215977	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76562	41.272	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.540%		
35) Dibromofluoromethane	5.391	113	67090	46.904	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.800%		
50) Toluene-d8	8.653	98	253235	48.807	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.620%		
62) 4-Bromofluorobenzene	11.079	95	85732	42.046	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.142	85	399	0.267	ug/l	98
4) Vinyl Chloride	1.374	62	527	0.370	ug/l #	81
12) 1,1-Dichloroethene	2.319	96	57697	43.559	ug/l	81
20) Methylene Chloride	2.788	84	826	0.509	ug/l #	73
21) trans-1,2-Dichloroethene	3.093	96	11878	7.889	ug/l	85
24) 1,1-Dichloroethane	3.611	63	6888	2.611	ug/l #	97
27) cis-1,2-Dichloroethene	4.489	96	116464	65.609	ug/l	78
40) Benzene	6.044	78	2488	0.427	ug/l	93
42) 1,2-Dichloroethane	6.098	62	4168	1.824	ug/l	100
44) Trichloroethene	7.129	130	22726	13.751	ug/l	97
49) 1,4-Dioxane	7.671	88	1646	38.026	ug/l #	78

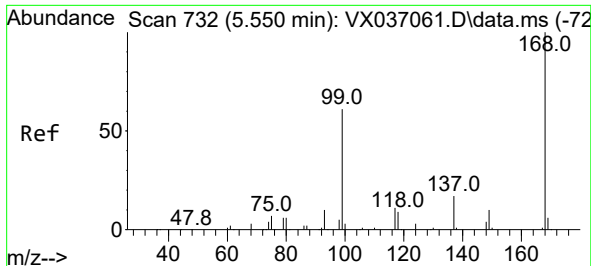
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
Data File : VX037565.D
Acq On : 06 Sep 2023 19:32
Operator : JC/MD
Sample : 04288-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-06B-76.5-090123-3V

Quant Time: Sep 06 22:48:49 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

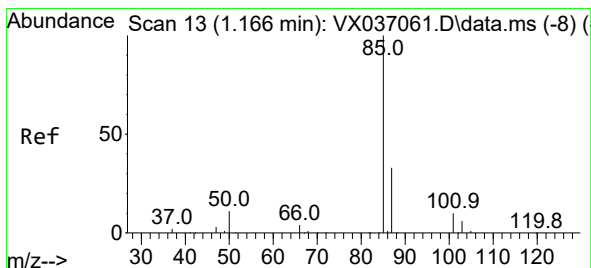
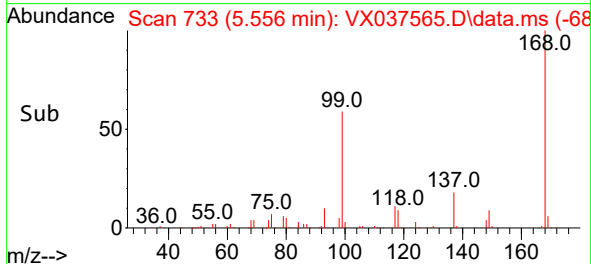
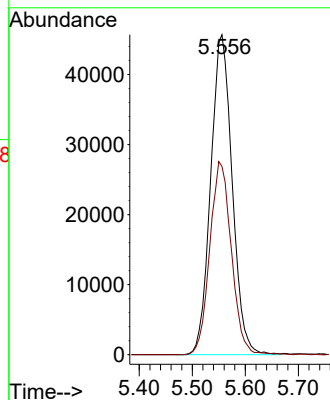
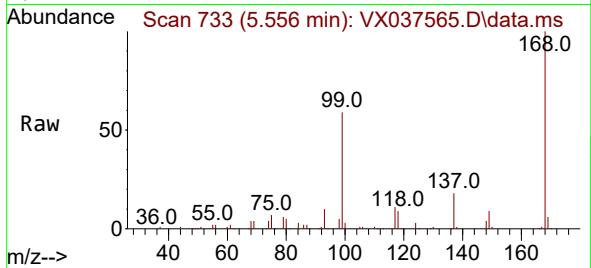




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037565.D
Acq: 06 Sep 2023 19:32

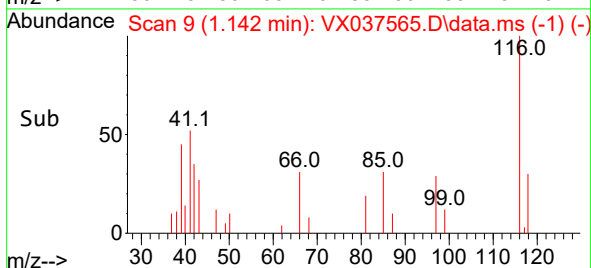
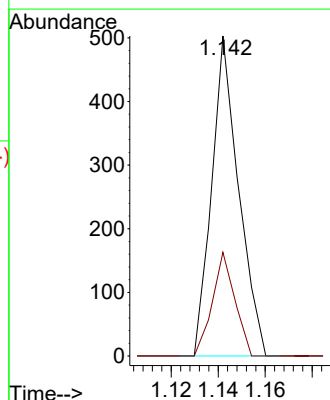
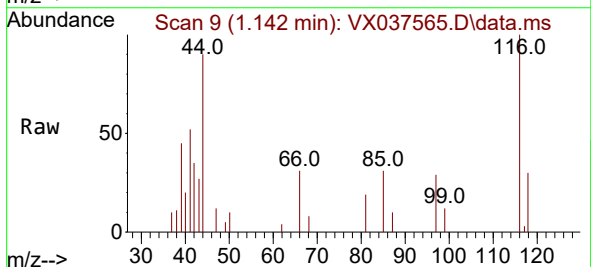
Instrument :
MSVOA_X
ClientSampleId :
OWBR-06B-76.5-090123-3V

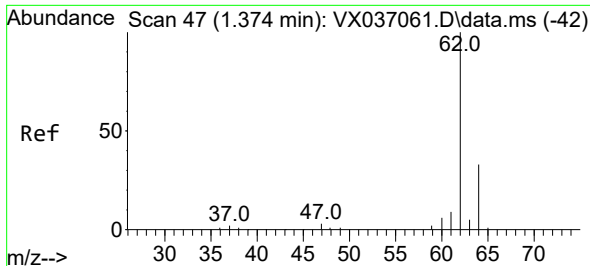
Tgt Ion:168 Resp: 128674
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.267 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX037565.D
Acq: 06 Sep 2023 19:32

Tgt Ion: 85 Resp: 399
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1

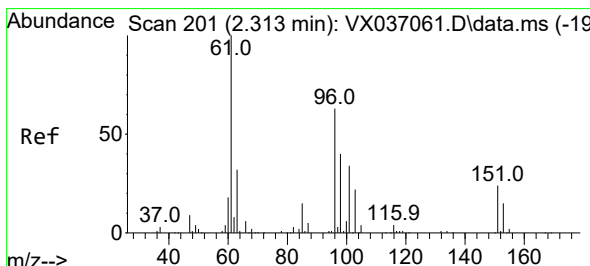
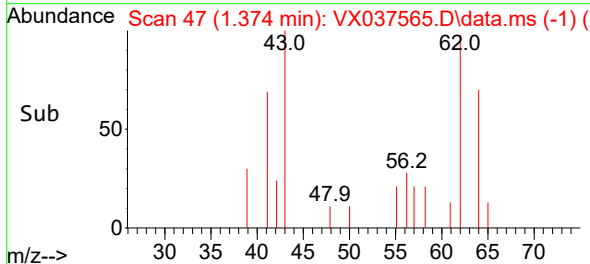
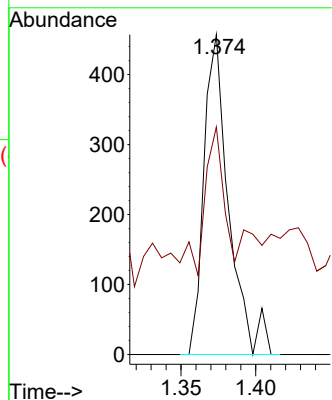
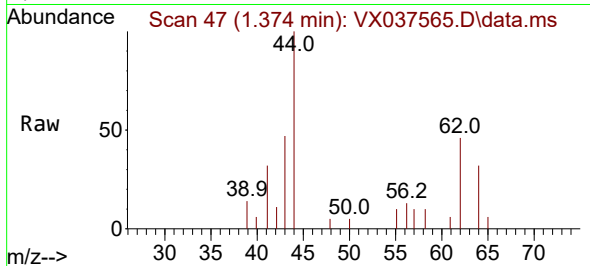




#4
 Vinyl Chloride
 Concen: 0.370 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX037565.D
 Acq: 06 Sep 2023 19:32

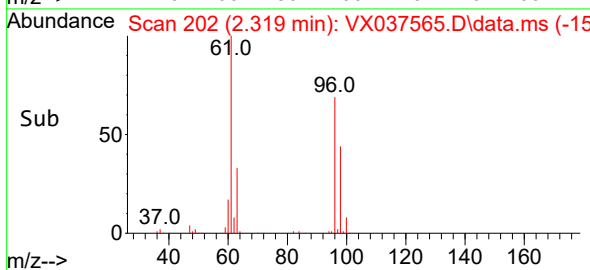
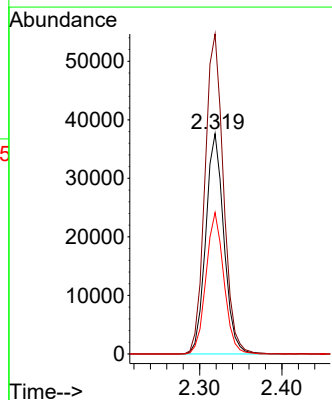
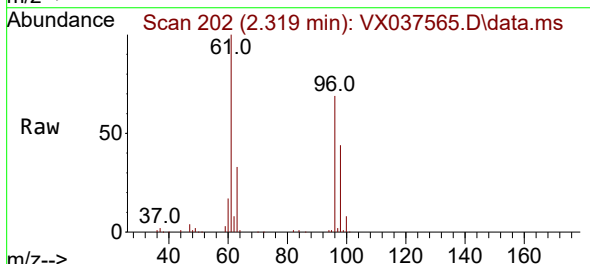
Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-06B-76.5-090123-3V

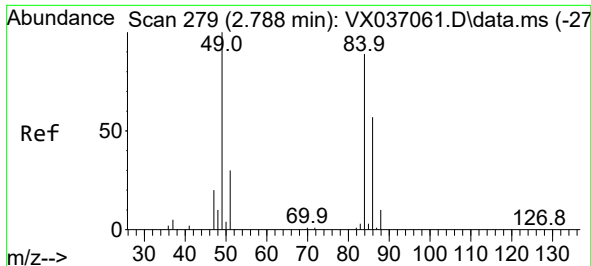
Tgt Ion: 62 Resp: 527
 Ion Ratio Lower Upper
 62 100
 64 42.5 25.4 38.0#



#12
 1,1-Dichloroethene
 Concen: 43.559 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.006 min
 Lab File: VX037565.D
 Acq: 06 Sep 2023 19:32

Tgt Ion: 96 Resp: 57697
 Ion Ratio Lower Upper
 96 100
 61 145.2 144.6 216.8
 98 64.2 50.4 75.6





#20

Methylene Chloride

Concen: 0.509 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037565.D

Acq: 06 Sep 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

OWBR-06B-76.5-090123-3V

Tgt Ion: 84 Resp: 826

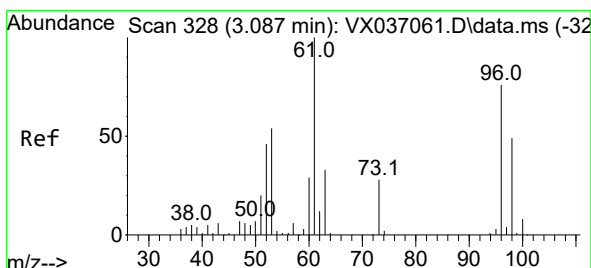
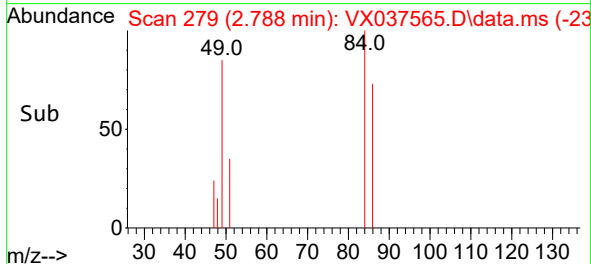
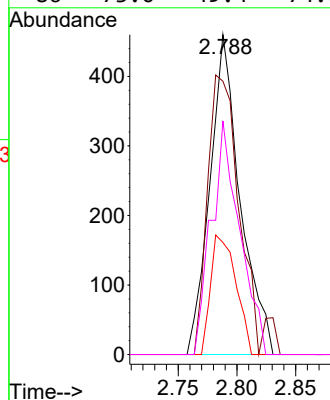
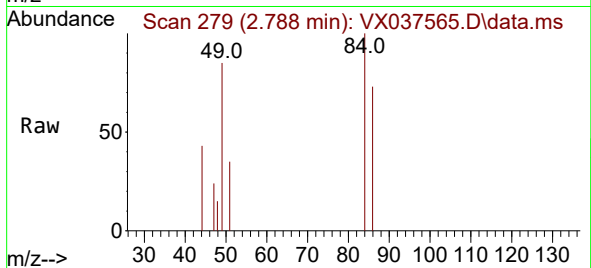
Ion Ratio Lower Upper

84 100

49 85.4 103.6 155.4#

51 35.0 33.8 50.6

86 73.0 49.4 74.0



#21

trans-1,2-Dichloroethene

Concen: 7.889 ug/l

RT: 3.093 min Scan# 329

Delta R.T. 0.006 min

Lab File: VX037565.D

Acq: 06 Sep 2023 19:32

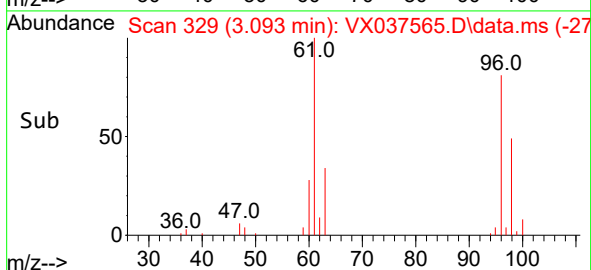
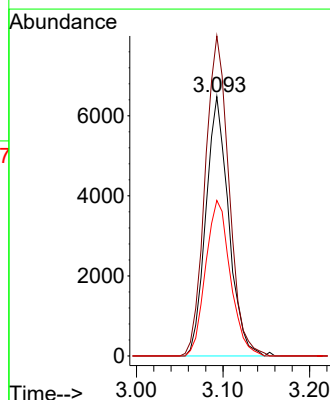
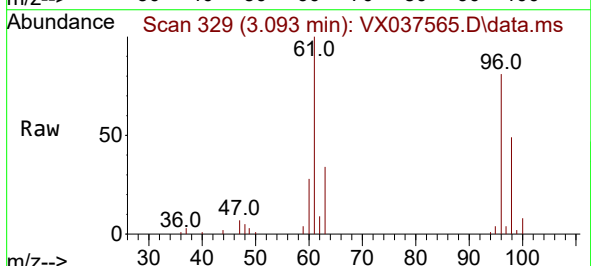
Tgt Ion: 96 Resp: 11878

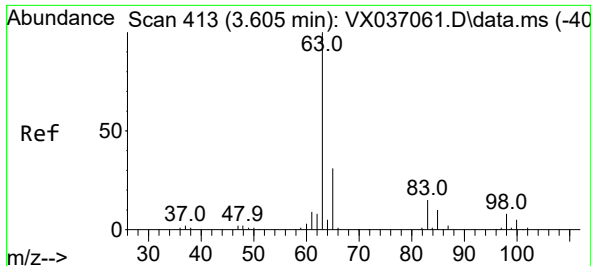
Ion Ratio Lower Upper

96 100

61 123.4 119.2 178.8

98 59.9 48.7 73.1

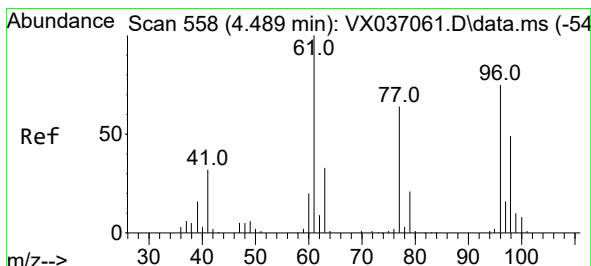
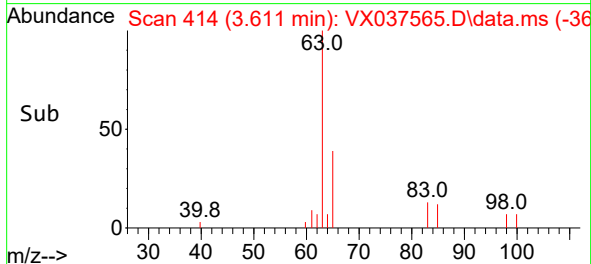
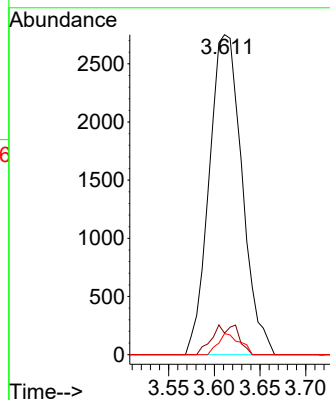
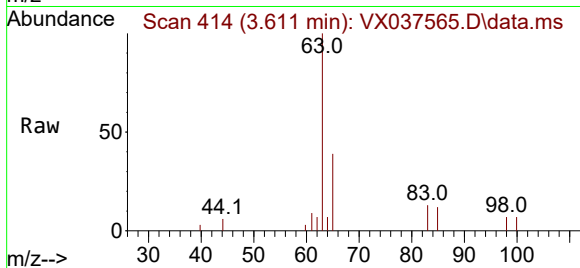




#24
 1,1-Dichloroethane
 Concen: 2.611 ug/l
 RT: 3.611 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX037565.D
 Acq: 06 Sep 2023 19:32

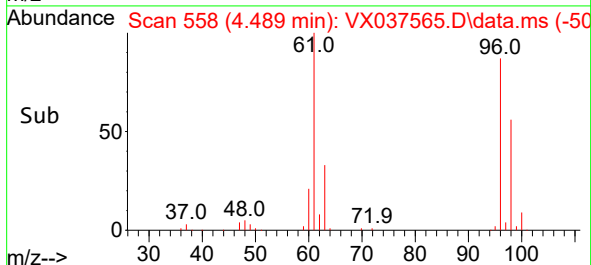
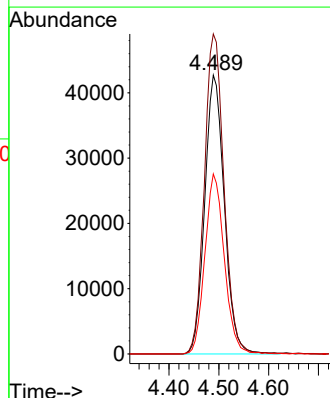
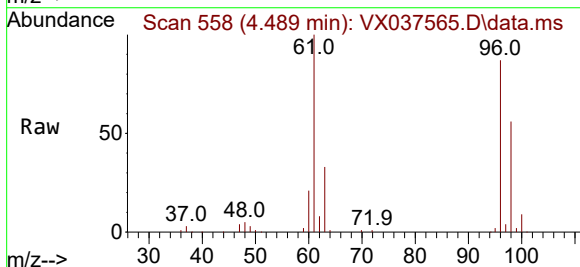
Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-06B-76.5-090123-3V

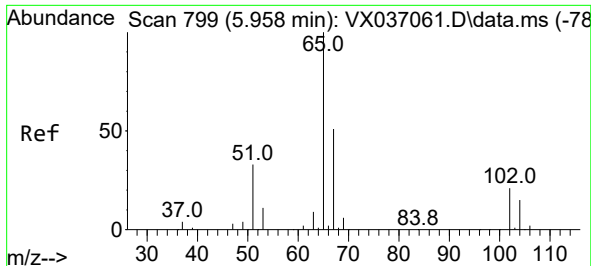
Tgt Ion: 63 Resp: 6888
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 6.6 2.1 6.5#



#27
 cis-1,2-Dichloroethene
 Concen: 65.609 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX037565.D
 Acq: 06 Sep 2023 19:32

Tgt Ion: 96 Resp: 116464
 Ion Ratio Lower Upper
 96 100
 61 115.1 0.0 312.2
 98 64.1 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 41.272 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037565.D

Acq: 06 Sep 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

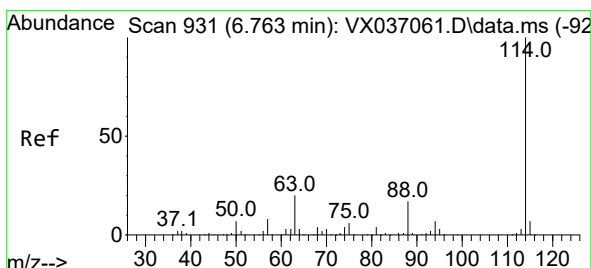
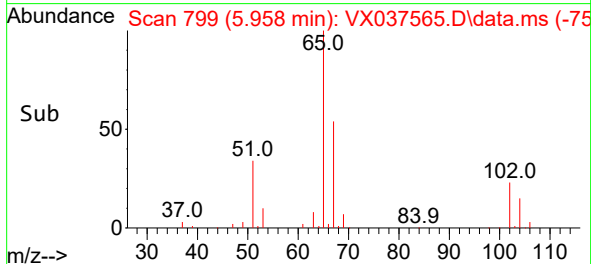
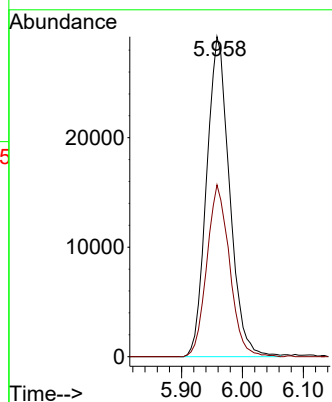
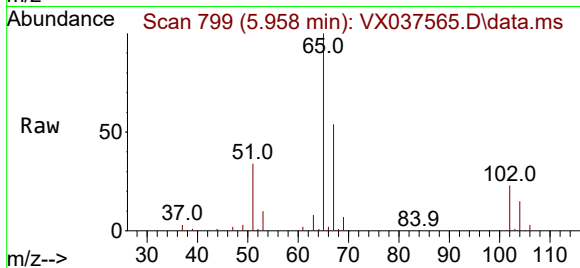
OWBR-06B-76.5-090123-3V

Tgt Ion: 65 Resp: 76562

Ion Ratio Lower Upper

65 100

67 53.1 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: VX037565.D

Acq: 06 Sep 2023 19:32

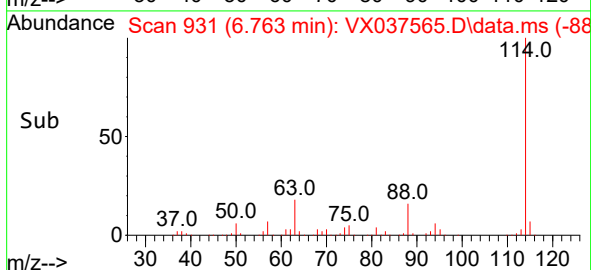
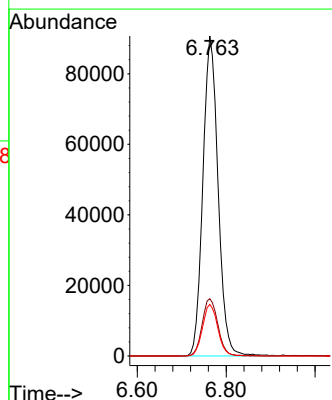
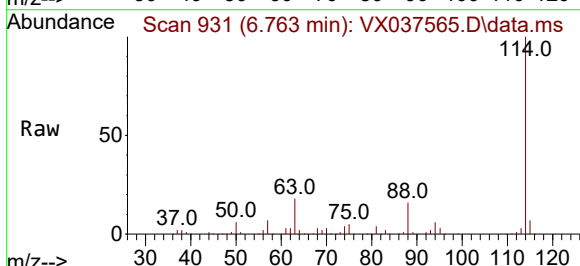
Tgt Ion: 114 Resp: 215977

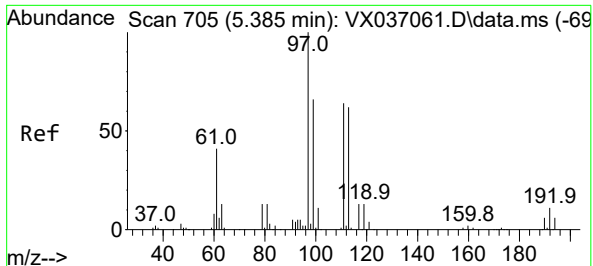
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.904 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037565.D

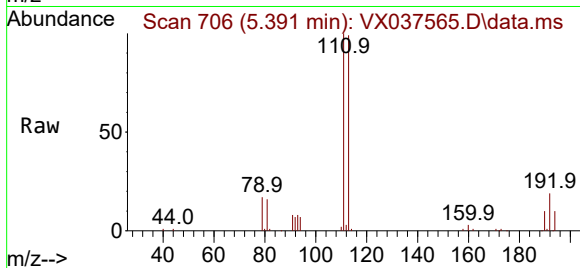
Acq: 06 Sep 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

OWBR-06B-76.5-090123-3V



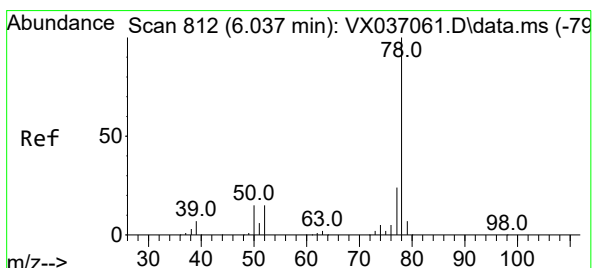
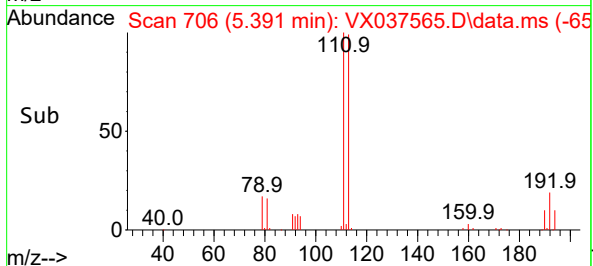
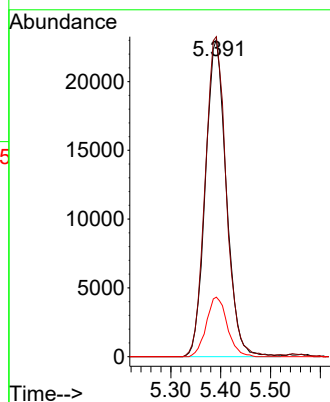
Tgt Ion:113 Resp: 67090

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

192 18.8 13.3 19.9



#40

Benzene

Concen: 0.427 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX037565.D

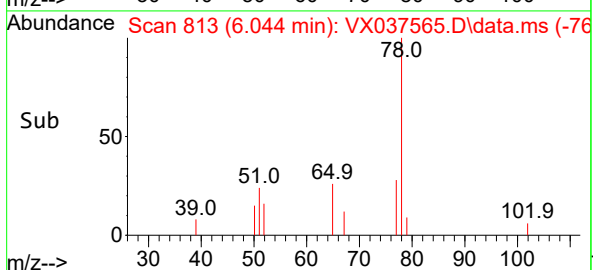
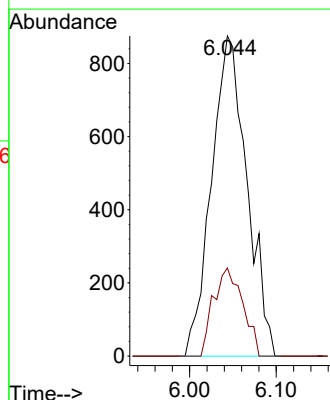
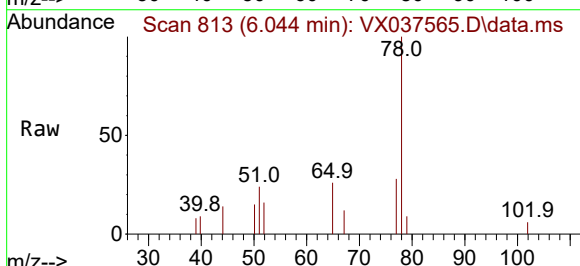
Acq: 06 Sep 2023 19:32

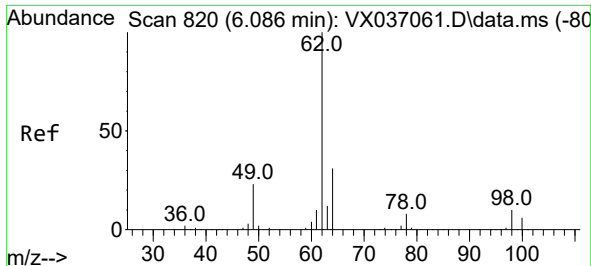
Tgt Ion: 78 Resp: 2488

Ion Ratio Lower Upper

78 100

77 27.5 19.3 28.9





#42

1,2-Dichloroethane

Concen: 1.824 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX037565.D

Acq: 06 Sep 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

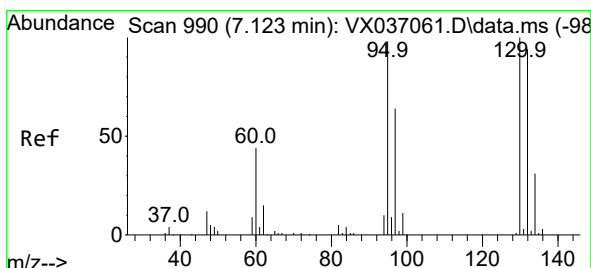
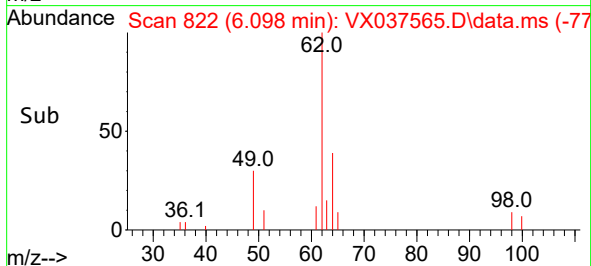
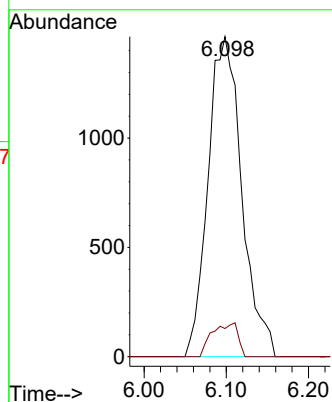
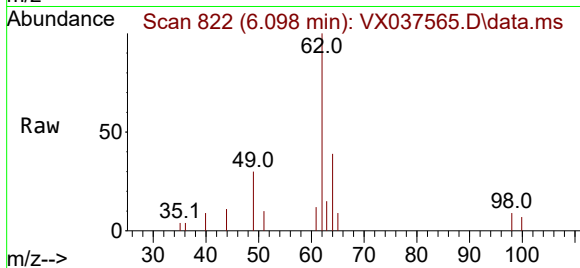
OWBR-06B-76.5-090123-3V

Tgt Ion: 62 Resp: 4168

Ion Ratio Lower Upper

62 100

98 8.0 0.0 16.0



#44

Trichloroethene

Concen: 13.751 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037565.D

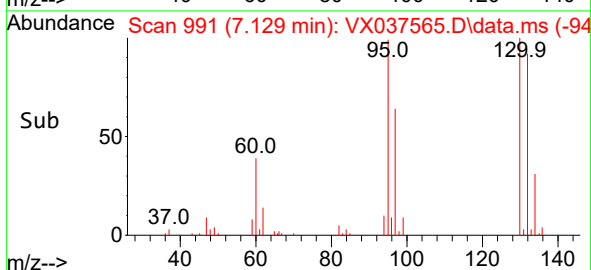
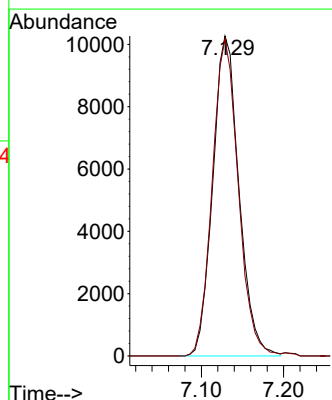
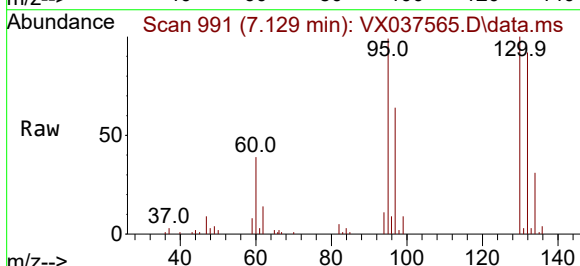
Acq: 06 Sep 2023 19:32

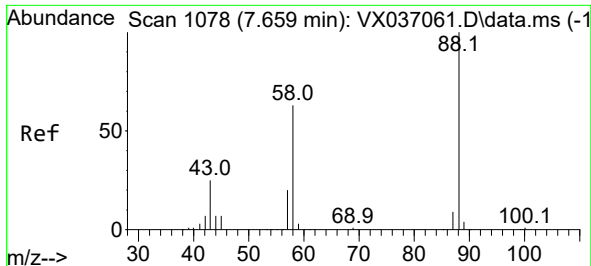
Tgt Ion:130 Resp: 22726

Ion Ratio Lower Upper

130 100

95 99.1 0.0 204.4





#49

1,4-Dioxane

Concen: 38.026 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.012 min

Lab File: VX037565.D

Acq: 06 Sep 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

OWBR-06B-76.5-090123-3V

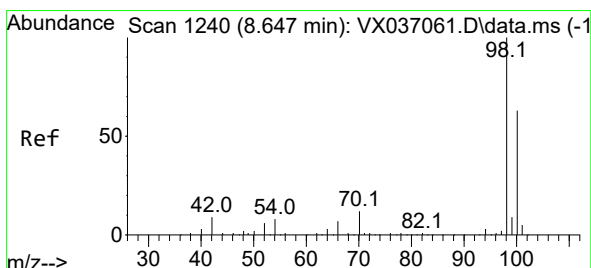
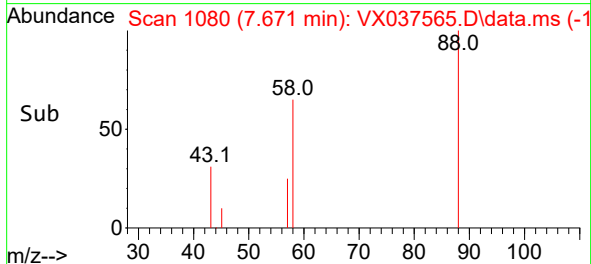
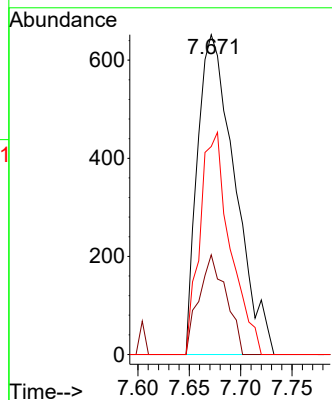
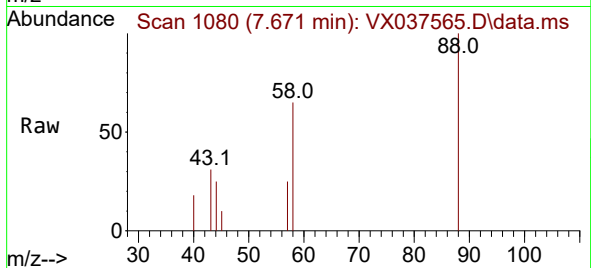
Tgt Ion: 88 Resp: 1646

Ion Ratio Lower Upper

88 100

43 22.7 0.0 0.0#

58 56.4 60.1 90.1#



#50

Toluene-d8

Concen: 48.807 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037565.D

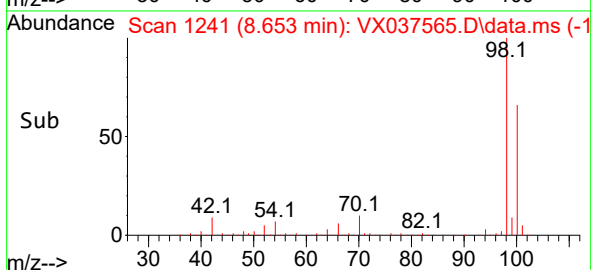
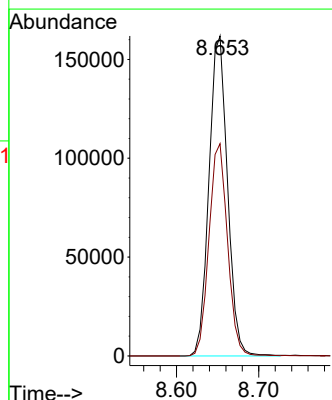
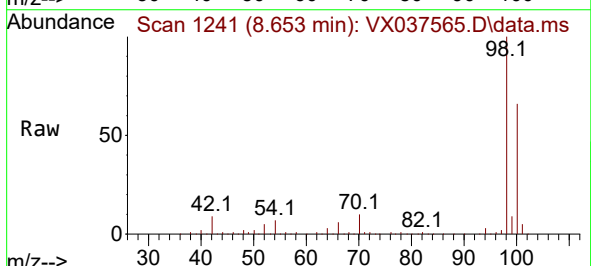
Acq: 06 Sep 2023 19:32

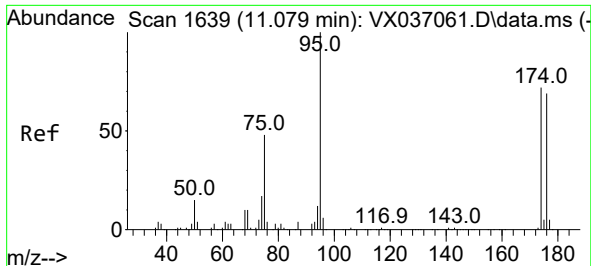
Tgt Ion: 98 Resp: 253235

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

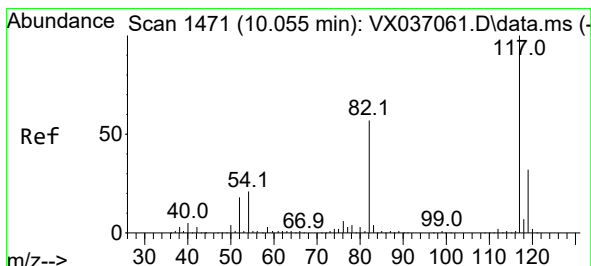
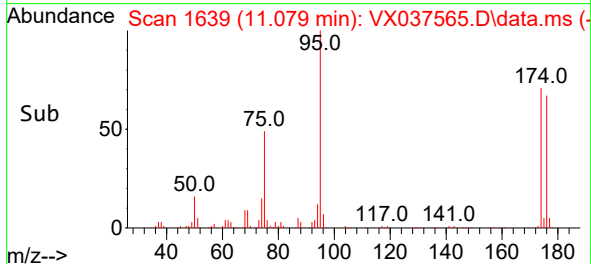
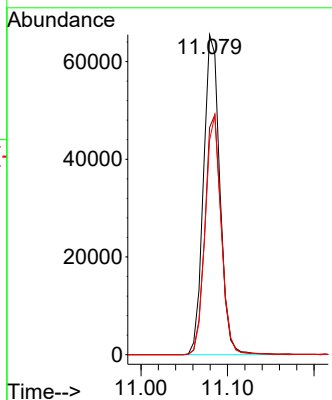
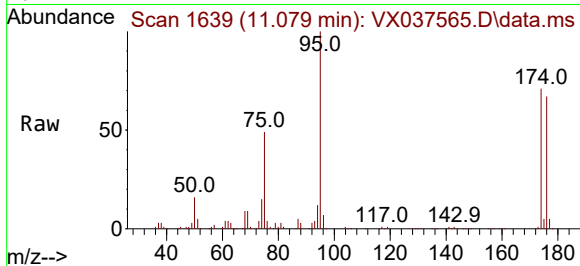




#62
4-Bromofluorobenzene
Concen: 42.046 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037565.D
Acq: 06 Sep 2023 19:32

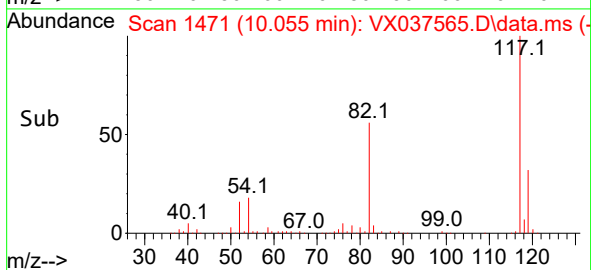
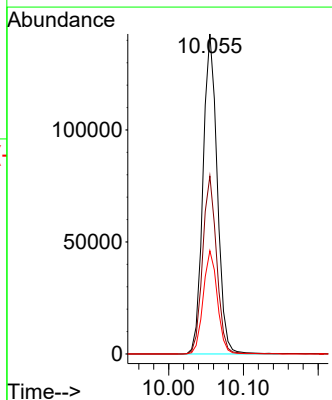
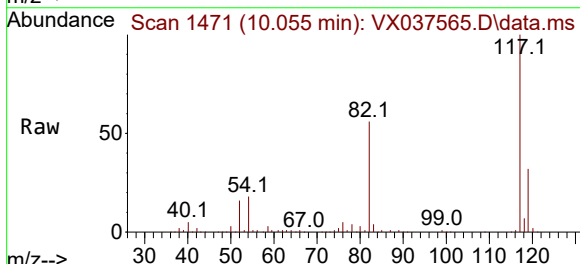
Instrument :
MSVOA_X
ClientSampleId :
OWBR-06B-76.5-090123-3V

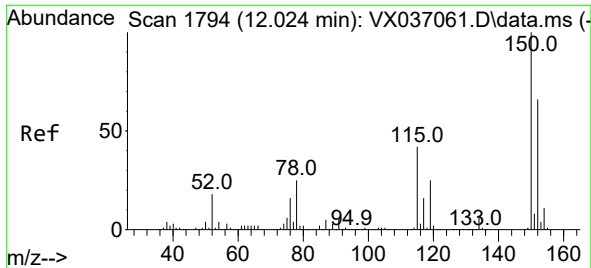
Tgt Ion: 95 Resp: 85732
Ion Ratio Lower Upper
95 100
174 75.0 0.0 135.6
176 73.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037565.D
Acq: 06 Sep 2023 19:32

Tgt Ion: 117 Resp: 189073
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037565.D

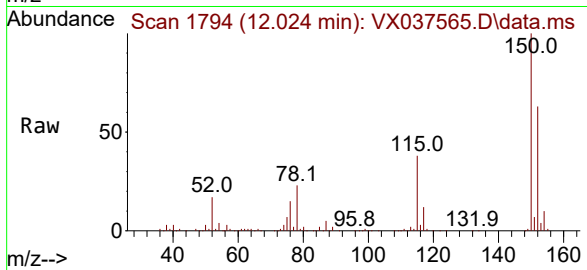
Acq: 06 Sep 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

OWBR-06B-76.5-090123-3V



Tgt Ion:152 Resp: 76552

Ion Ratio Lower Upper

152 100

115 61.8 43.3 129.9

150 157.3 0.0 345.0

