

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036138.D
 Acq On : 13 Jun 2023 12:55
 Operator : JC/MD
 Sample : 03173-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-07B-62.5-67.5-061223

Quant Time: Jun 14 00:53:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

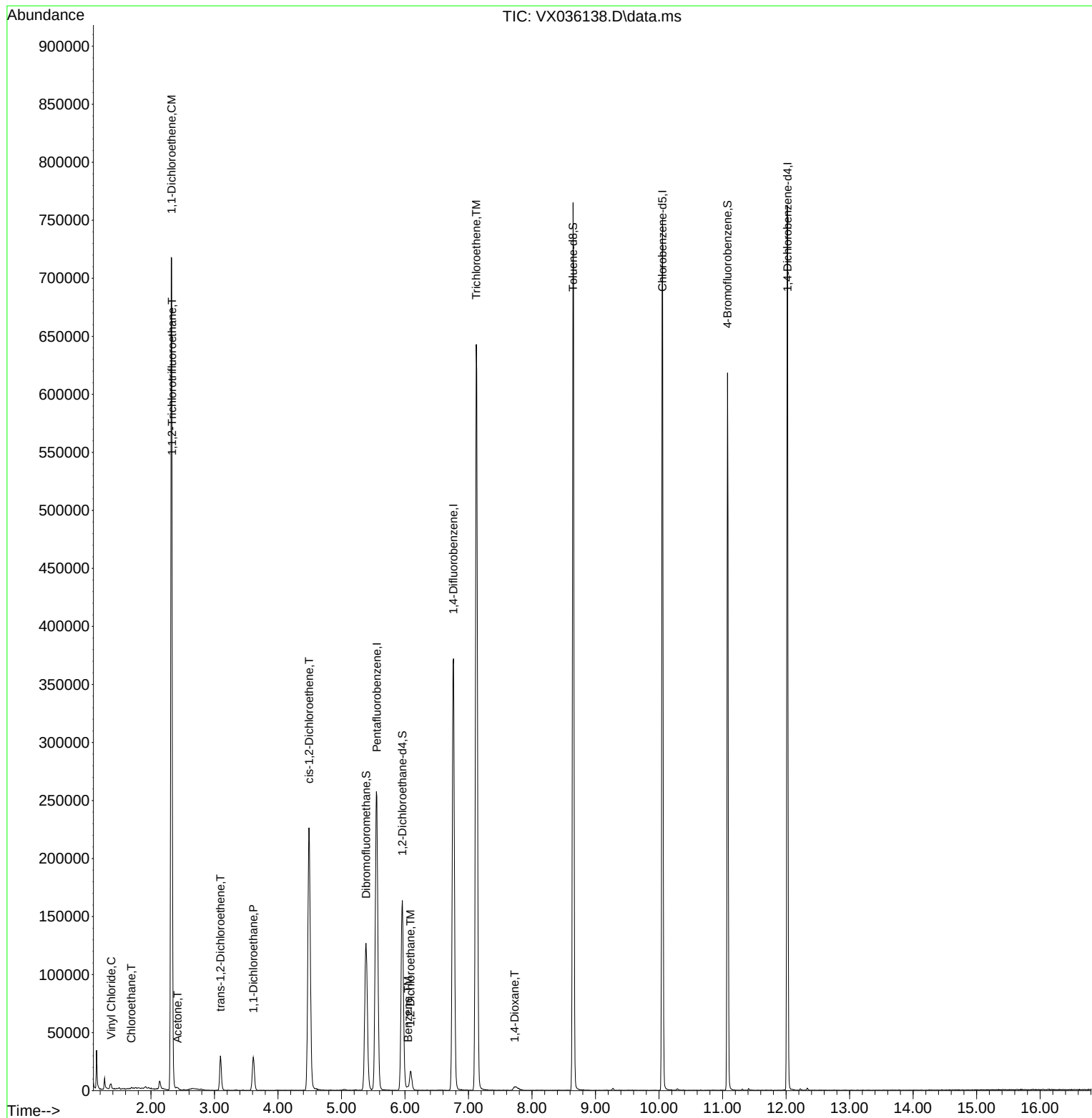
Internal Standards						
1) Pentafluorobenzene	5.556	168	218734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	363147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163889	46.141	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.280%
35) Dibromofluoromethane	5.385	113	112582	46.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.180%
50) Toluene-d8	8.647	98	427663	48.787	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	165989	47.968	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.940%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1482	0.578	ug/l	100
6) Chloroethane	1.691	64	546	0.361	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	1977	0.882	ug/l #	84
12) 1,1-Dichloroethene	2.325	96	225110	102.583	ug/l	98
16) Acetone	2.416	43	3198	2.182	ug/l #	72
21) trans-1,2-Dichloroethene	3.093	96	11118	4.432	ug/l	90
24) 1,1-Dichloroethane	3.611	63	32080	6.592	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	137516	45.676	ug/l	89
40) Benzene	6.050	78	2255	0.231	ug/l	100
42) 1,2-Dichloroethane	6.086	62	18471	4.772	ug/l	96
44) Trichloroethene	7.123	130	238170	93.932	ug/l	98
49) 1,4-Dioxane	7.726	88	5471	81.681	ug/l #	68

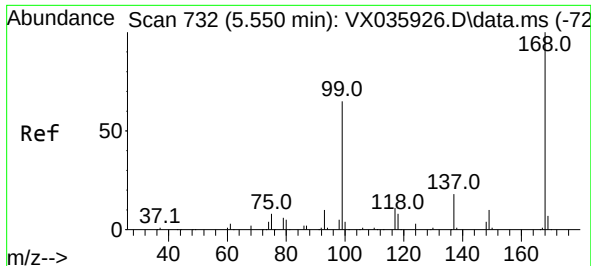
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
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OW-07B-62.5-67.5-061223

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
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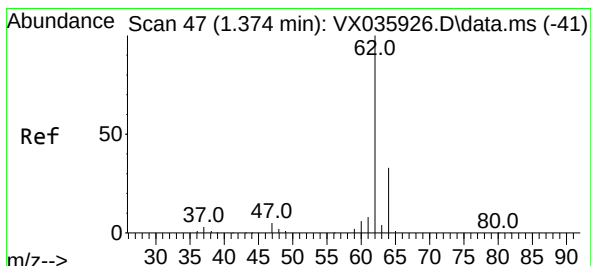
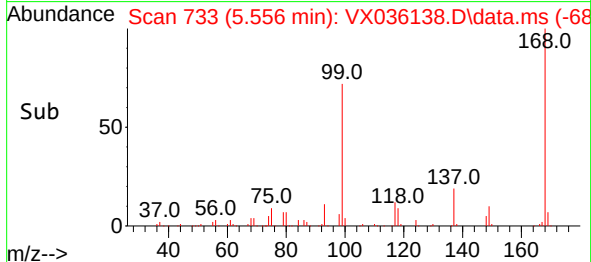
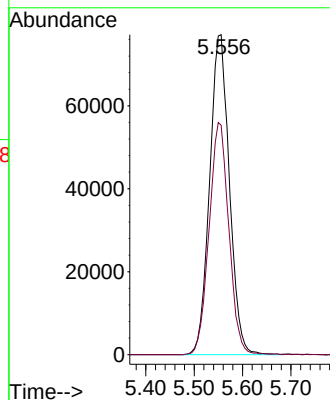
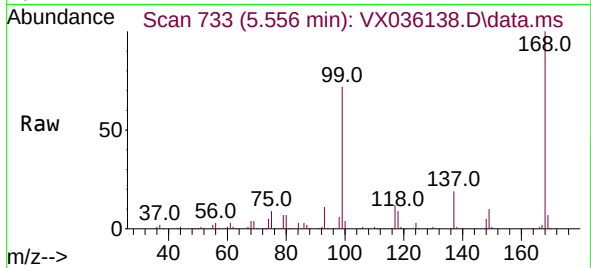




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

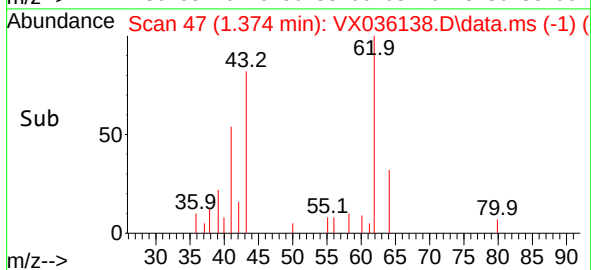
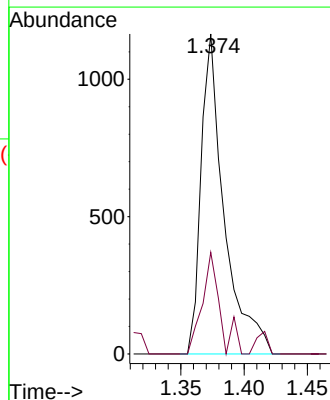
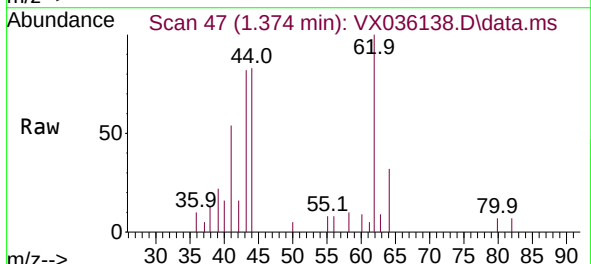
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-62.5-67.5-061223

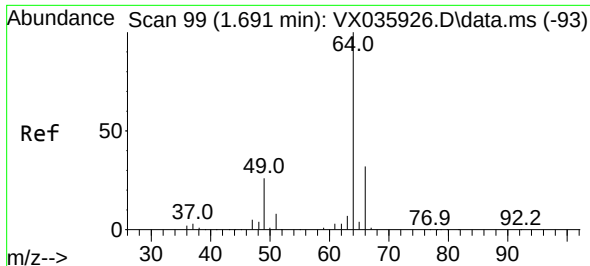
Tgt Ion:168 Resp: 218734
Ion Ratio Lower Upper
168 100
99 71.7 57.0 85.6



#4
Vinyl Chloride
Concen: 0.578 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

Tgt Ion: 62 Resp: 1482
Ion Ratio Lower Upper
62 100
64 31.8 25.2 37.8

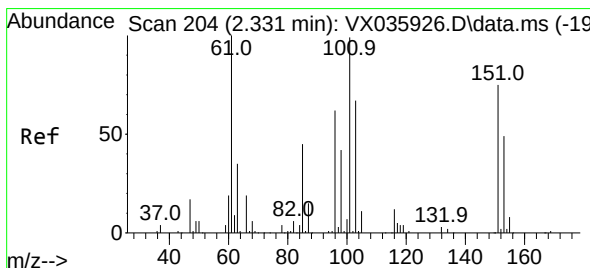
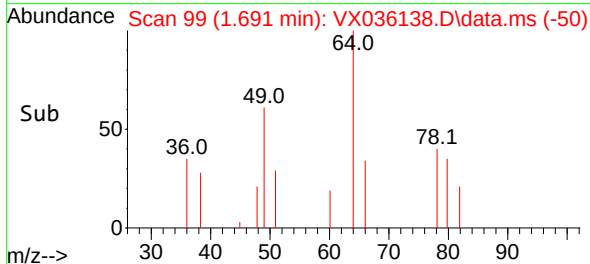
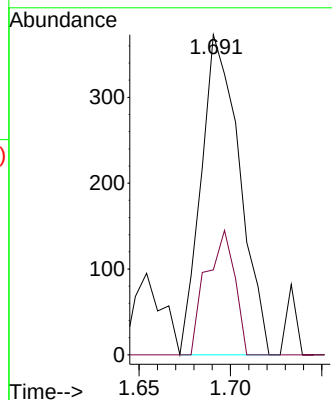
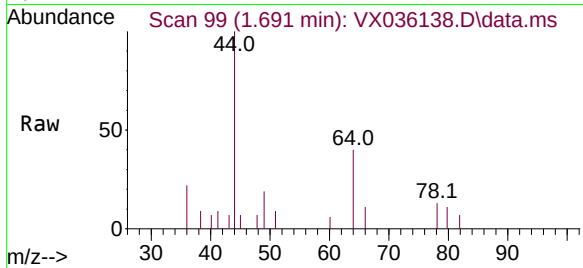




#6
Chloroethane
Concen: 0.361 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

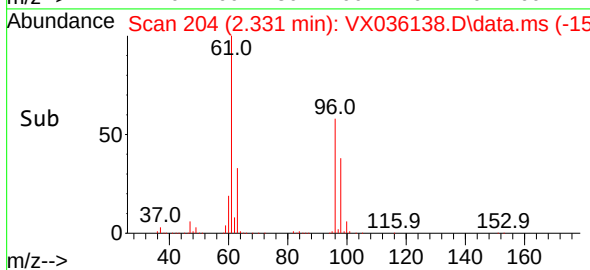
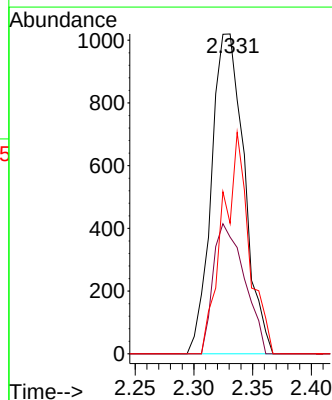
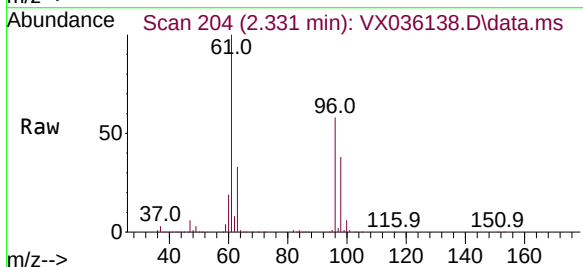
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-62.5-67.5-061223

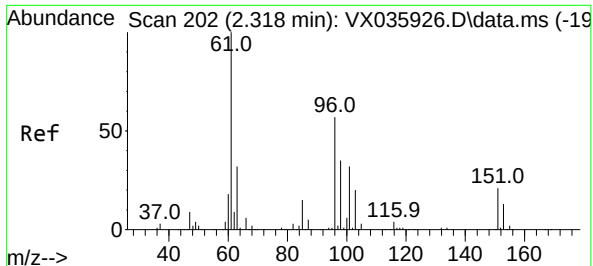
Tgt Ion: 64 Resp: 546
Ion Ratio Lower Upper
64 100
66 26.5 26.0 39.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.882 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

Tgt Ion: 101 Resp: 1977
Ion Ratio Lower Upper
101 100
85 38.8 37.3 55.9
151 56.1 57.0 85.6#





#12

1,1-Dichloroethene

Concen: 102.583 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.007 min

Lab File: VX036138.D

Acq: 13 Jun 2023 12:55

Instrument :

MSVOA_X

ClientSampleId :

OW-07B-62.5-67.5-061223

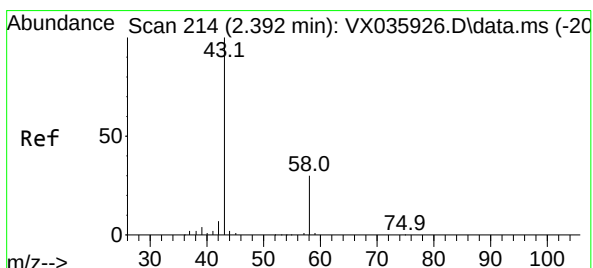
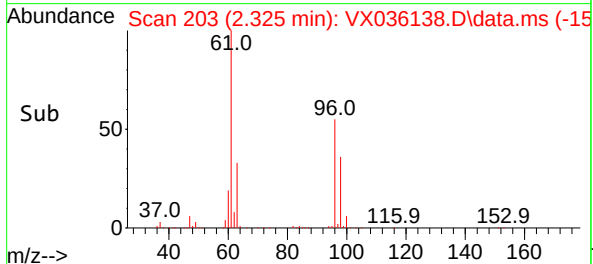
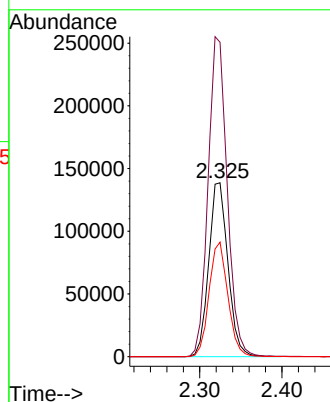
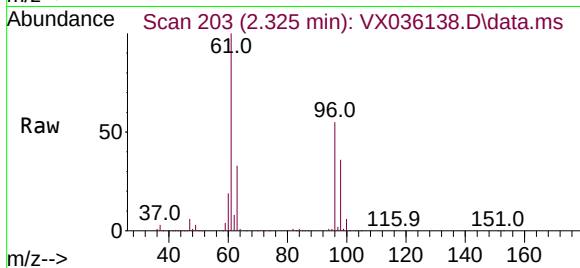
Tgt Ion: 96 Resp: 225110

Ion Ratio Lower Upper

96 100

61 180.8 145.2 217.8

98 65.8 49.3 73.9



#16

Acetone

Concen: 2.182 ug/l

RT: 2.416 min Scan# 218

Delta R.T. 0.025 min

Lab File: VX036138.D

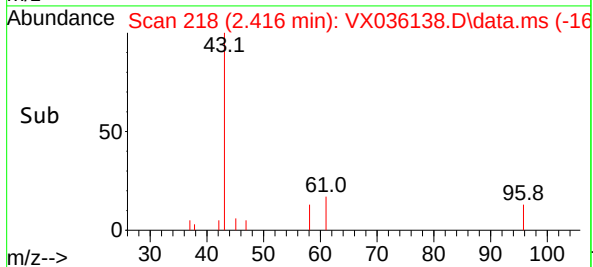
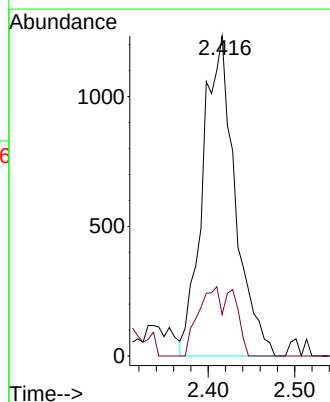
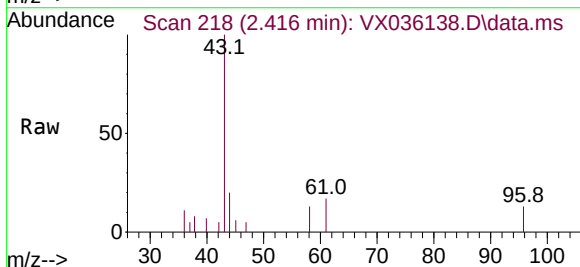
Acq: 13 Jun 2023 12:55

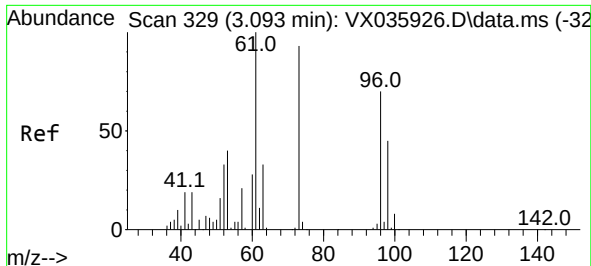
Tgt Ion: 43 Resp: 3198

Ion Ratio Lower Upper

43 100

58 13.0 22.2 33.2#

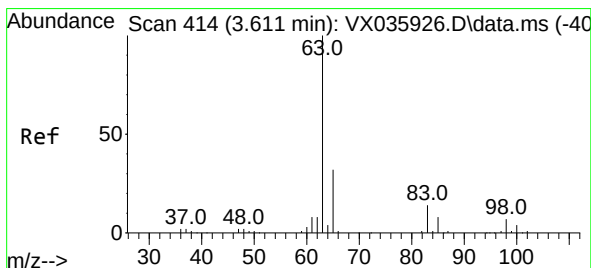
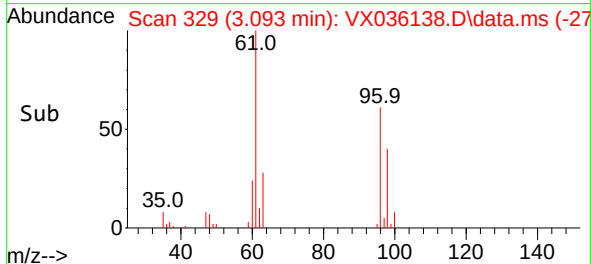
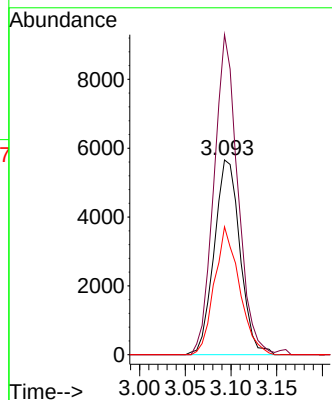
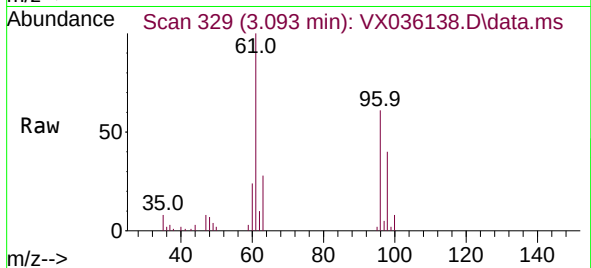




#21
trans-1,2-Dichloroethene
Concen: 4.432 ug/l
RT: 3.093 min Scan# 311
Delta R.T. 0.007 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

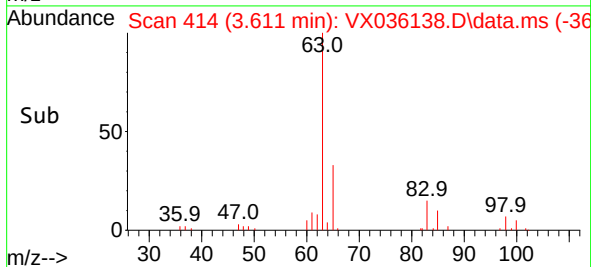
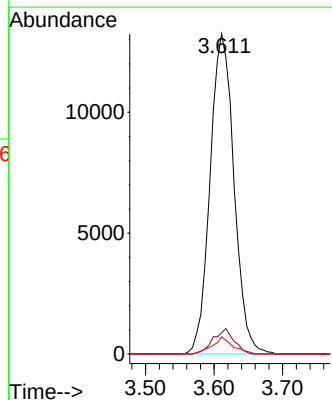
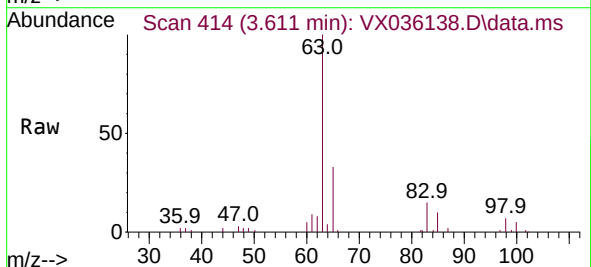
Instrument : MSVOA_X
ClientSampleId : OW-07B-62.5-67.5-061223

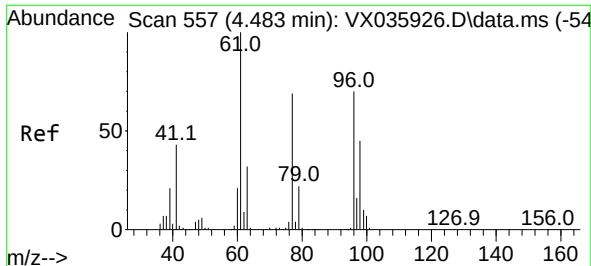
Tgt Ion: 96 Resp: 11118
Ion Ratio Lower Upper
96 100
61 164.3 118.2 177.4
98 65.6 50.6 75.8



#24
1,1-Dichloroethane
Concen: 6.592 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

Tgt Ion: 63 Resp: 32080
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.5
100 5.4 2.3 6.9





#27

cis-1,2-Dichloroethene

Concen: 45.676 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX036138.D

Acq: 13 Jun 2023 12:55

Instrument :

MSVOA_X

ClientSampleId :

OW-07B-62.5-67.5-061223

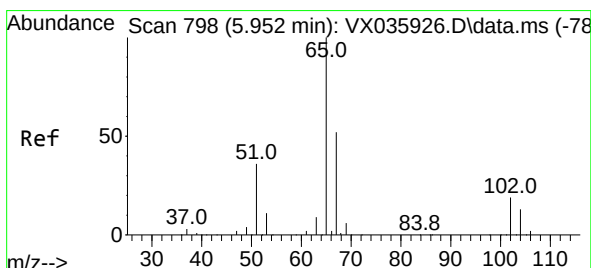
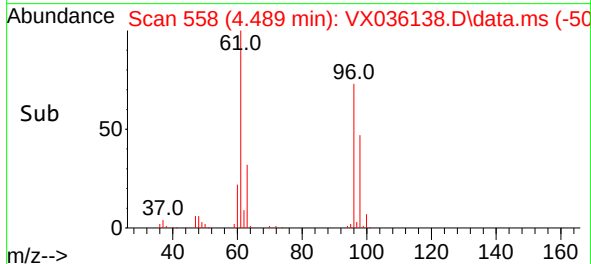
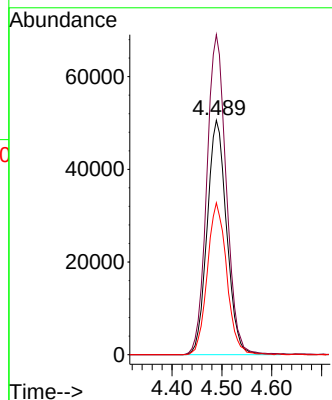
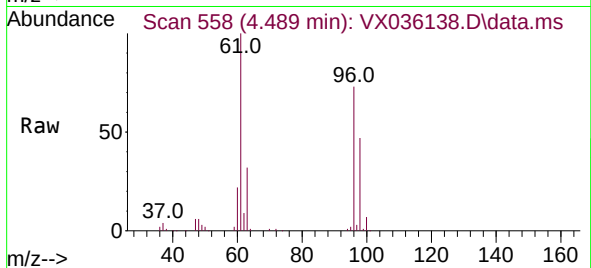
Tgt Ion: 96 Resp: 137516

Ion Ratio Lower Upper

96 100

61 136.3 0.0 312.6

98 64.3 0.0 130.0



#33

1,2-Dichloroethane-d4

Concen: 46.141 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX036138.D

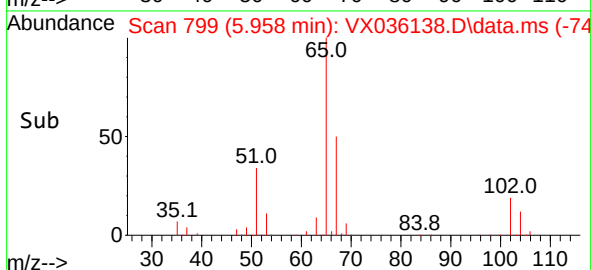
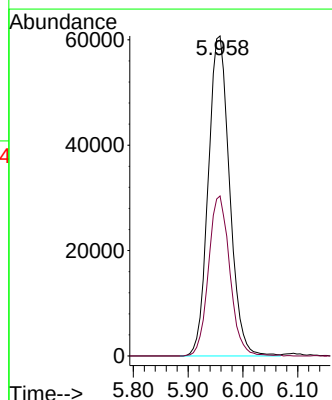
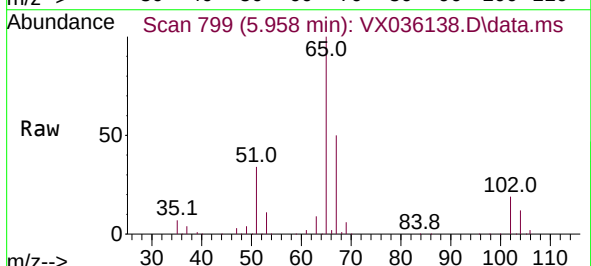
Acq: 13 Jun 2023 12:55

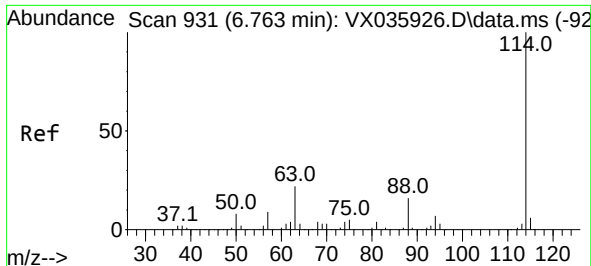
Tgt Ion: 65 Resp: 163889

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.6

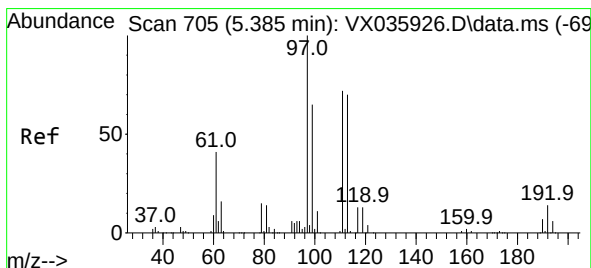
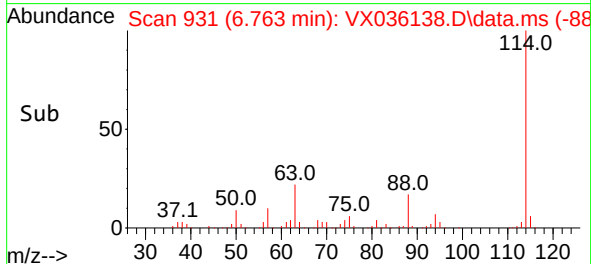
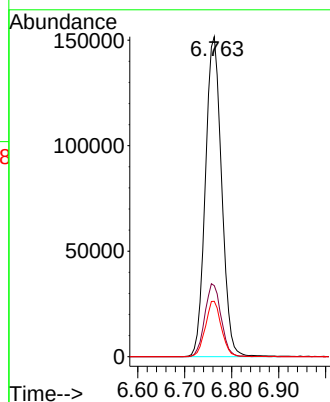
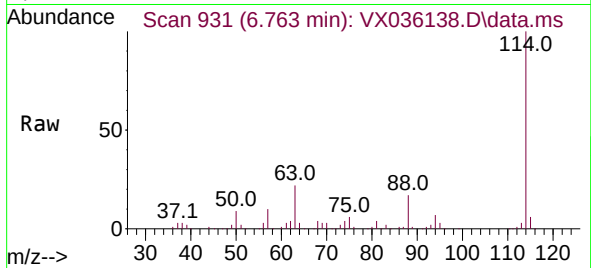




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

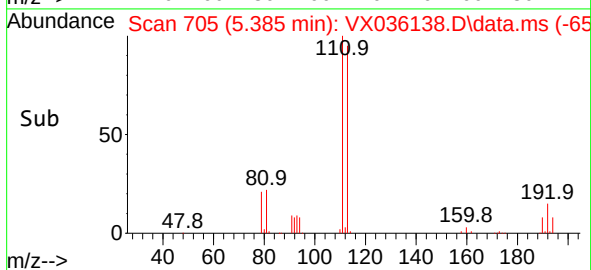
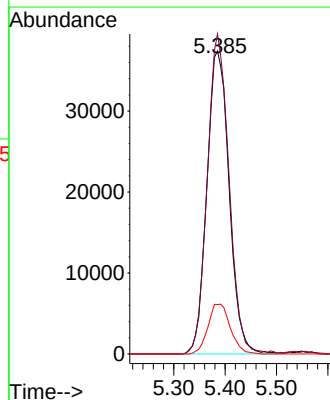
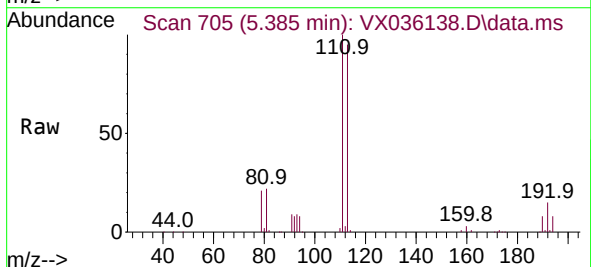
Instrument :
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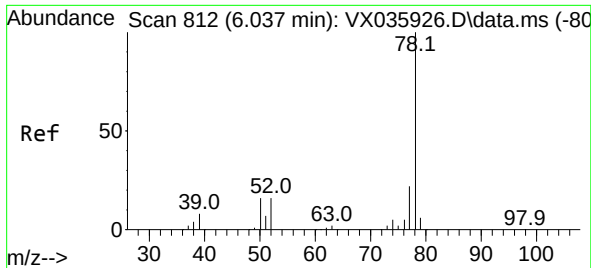
Tgt Ion:114 Resp: 363147
Ion Ratio Lower Upper
114 100
63 22.2 0.0 46.0
88 17.3 0.0 35.2



#35
Dibromofluoromethane
Concen: 46.093 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

Tgt Ion:113 Resp: 112582
Ion Ratio Lower Upper
113 100
111 102.9 81.7 122.5
192 16.5 13.5 20.3





#40

Benzene

Concen: 0.231 ug/l

RT: 6.050 min Scan# 81

Delta R.T. 0.013 min

Lab File: VX036138.D

Acq: 13 Jun 2023 12:55

Instrument :

MSVOA_X

ClientSampleId :

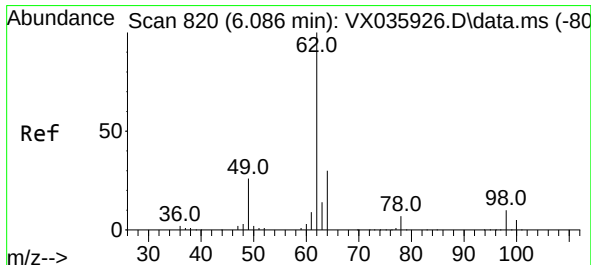
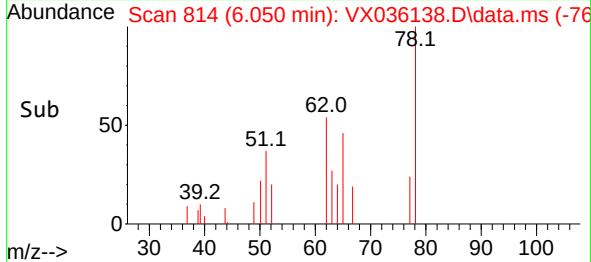
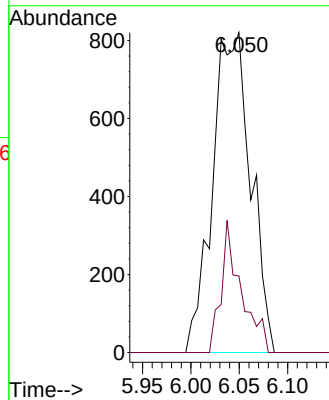
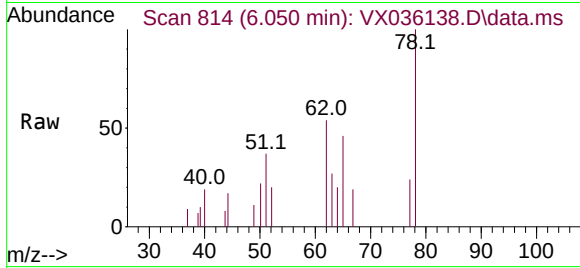
OW-07B-62.5-67.5-061223

Tgt Ion: 78 Resp: 2255

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6



#42

1,2-Dichloroethane

Concen: 4.772 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX036138.D

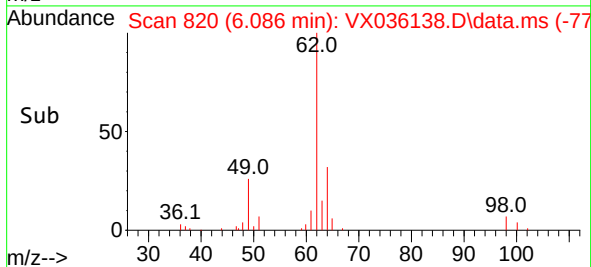
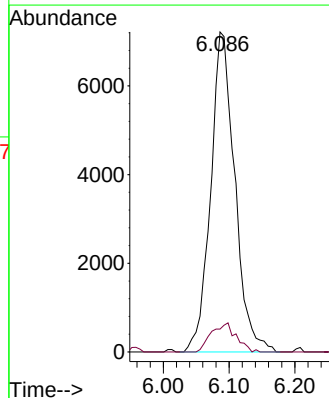
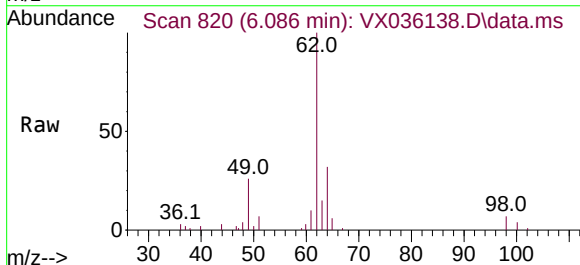
Acq: 13 Jun 2023 12:55

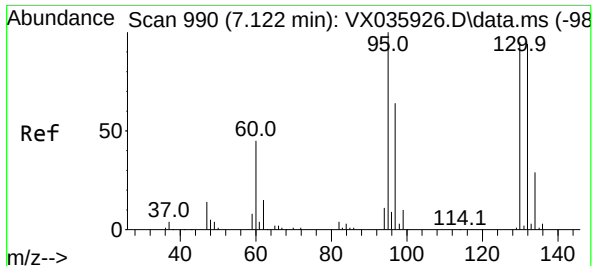
Tgt Ion: 62 Resp: 18471

Ion Ratio Lower Upper

62 100

98 9.3 0.0 16.0

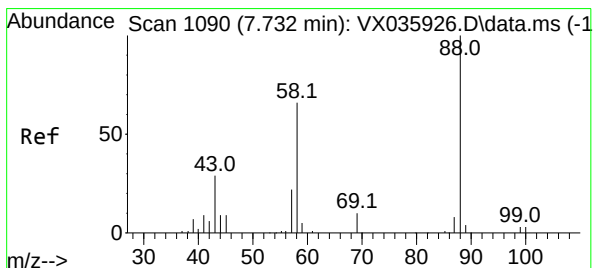
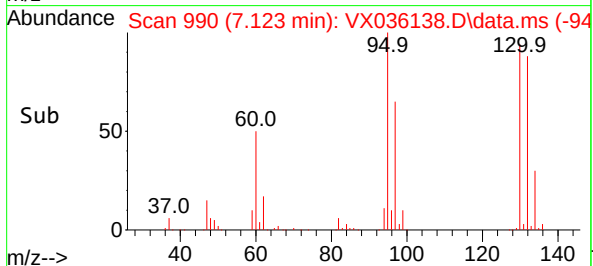
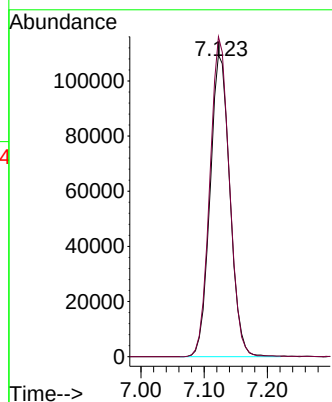
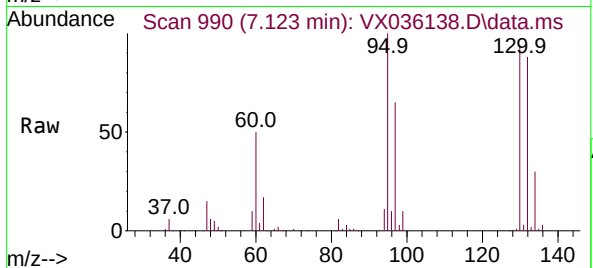




#44
Trichloroethene
Concen: 93.932 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

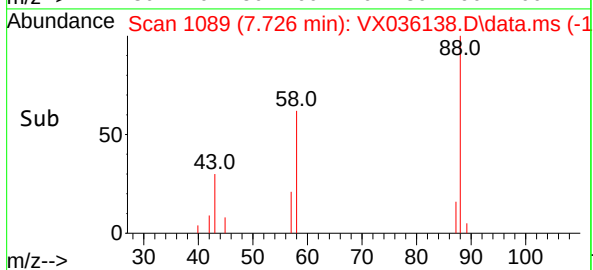
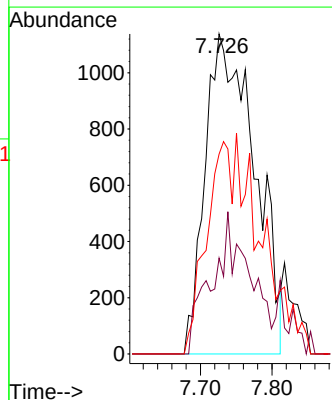
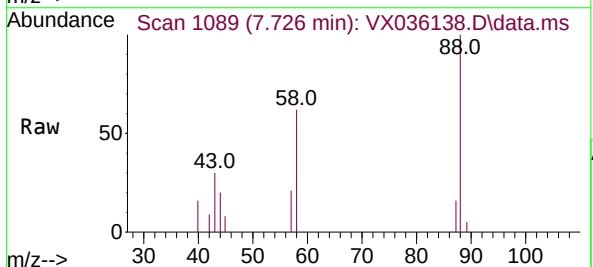
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-62.5-67.5-061223

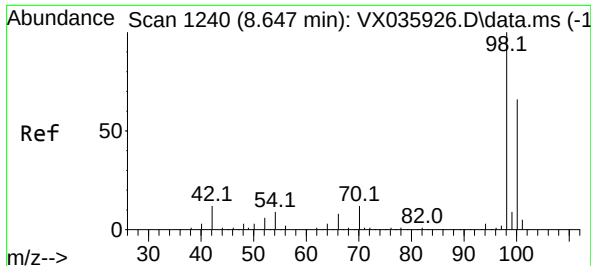
Tgt Ion:130 Resp: 238170
Ion Ratio Lower Upper
130 100
95 106.0 0.0 207.6



#49
1,4-Dioxane
Concen: 81.681 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.012 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

Tgt Ion: 88 Resp: 5471
Ion Ratio Lower Upper
88 100
43 34.0 27.4 41.0
58 34.1 58.9 88.3#

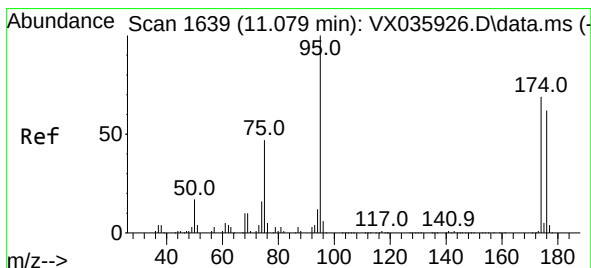
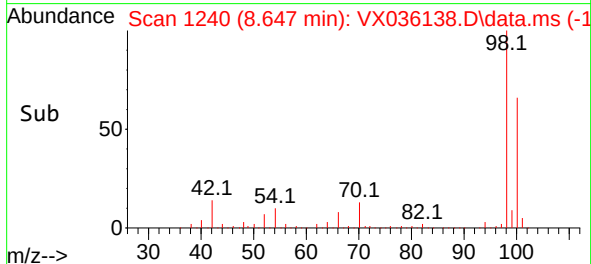
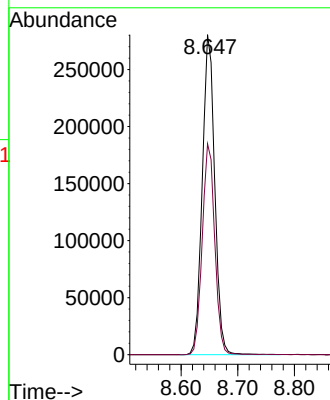
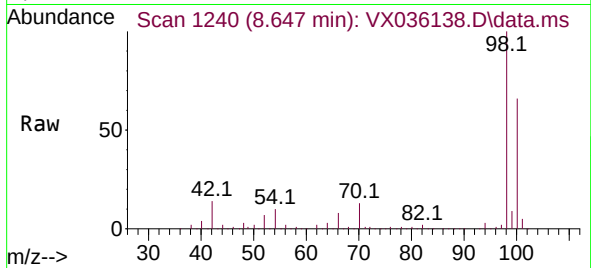




#50
Toluene-d8
Concen: 48.787 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

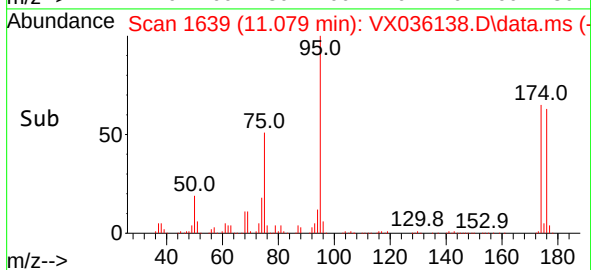
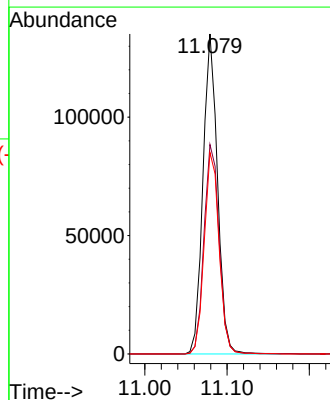
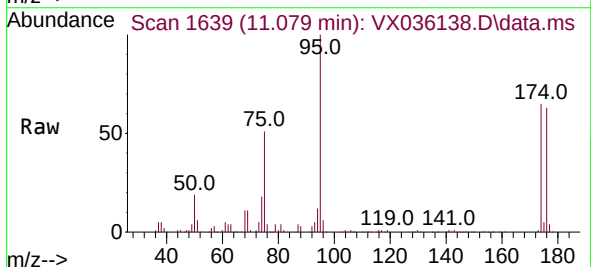
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-62.5-67.5-061223

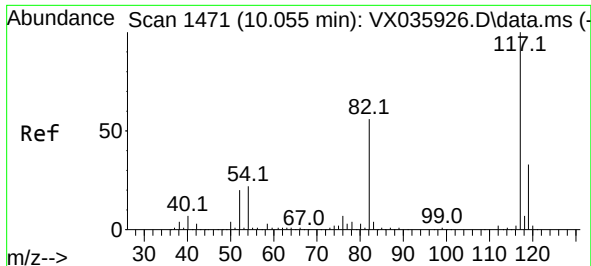
Tgt Ion: 98 Resp: 427663
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 47.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

Tgt Ion: 95 Resp: 165989
Ion Ratio Lower Upper
95 100
174 68.1 0.0 132.6
176 64.4 0.0 128.0

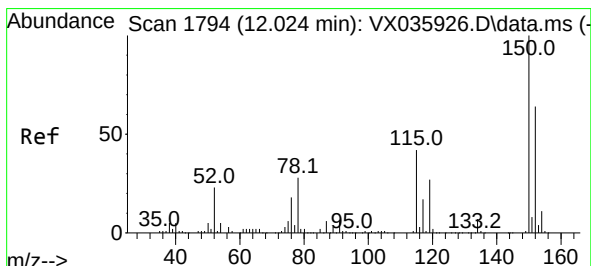
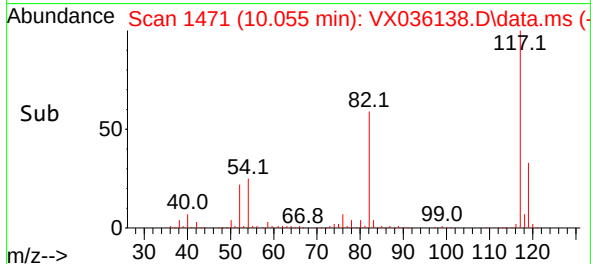
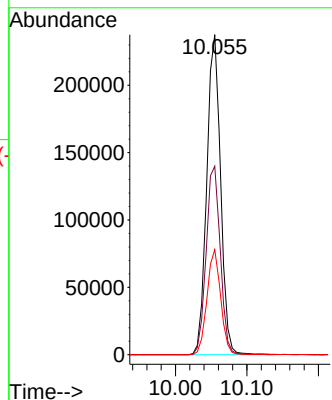
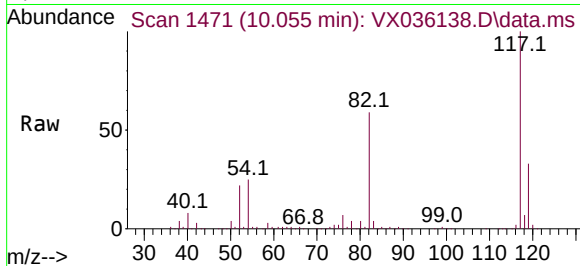




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

Instrument :
MSVOA_X
ClientSampleId :
OW-07B-62.5-67.5-061223

Tgt Ion:117 Resp: 318993
Ion Ratio Lower Upper
117 100
82 58.9 46.6 69.8
119 32.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036138.D
Acq: 13 Jun 2023 12:55

Tgt Ion:152 Resp: 148039
Ion Ratio Lower Upper
152 100
115 65.8 45.5 136.5
150 157.4 0.0 345.2

