

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037492.D
 Acq On : 02 Sep 2023 18:51
 Operator : JC/MD
 Sample : 04272-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-07B-65-083123

Quant Time: Sep 04 04:32:06 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)

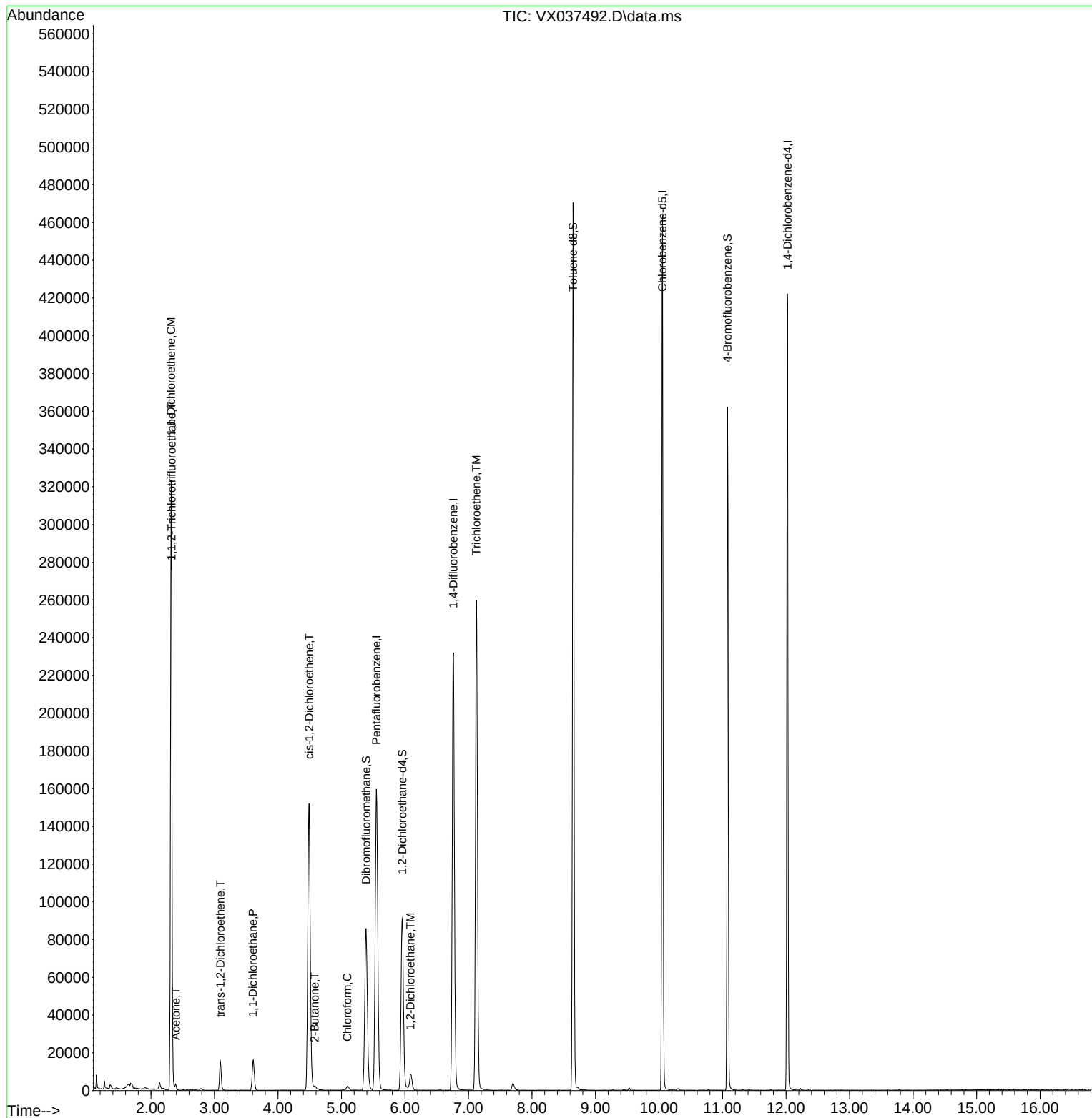
Internal Standards						
1) Pentafluorobenzene	5.550	168	151456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90478	41.437	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.880%		
35) Dibromofluoromethane	5.385	113	76612	45.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.900%		
50) Toluene-d8	8.647	98	294807	48.747	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.500%		
62) 4-Bromofluorobenzene	11.079	95	101022	42.506	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.020%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	830	0.518	ug/l #	77
12) 1,1-Dichloroethene	2.319	96	109295	70.102	ug/l	83
16) Acetone	2.392	43	3150	3.688	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	6653	3.754	ug/l #	81
24) 1,1-Dichloroethane	3.605	63	18387	5.921	ug/l	97
25) 2-Butanone	4.574	43	3468	2.696	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	102535	49.074	ug/l	78
30) Chloroform	5.093	83	2977	0.854	ug/l #	79
42) 1,2-Dichloroethane	6.086	62	10380	3.896	ug/l	93
44) Trichloroethene	7.123	130	104864	54.437	ug/l	97

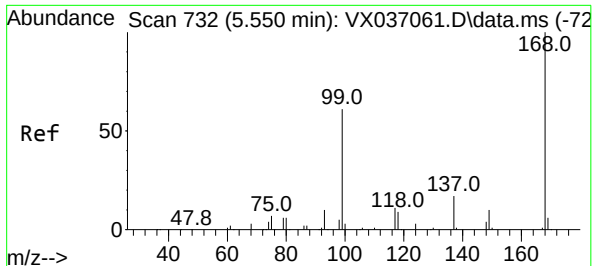
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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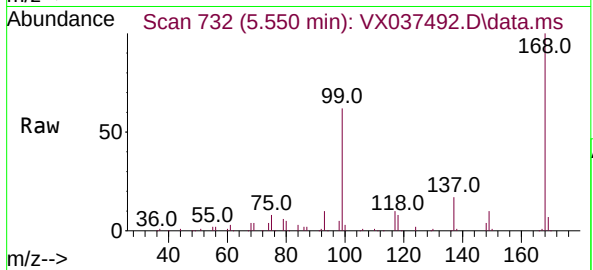
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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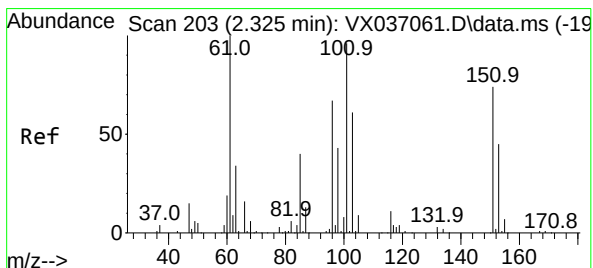
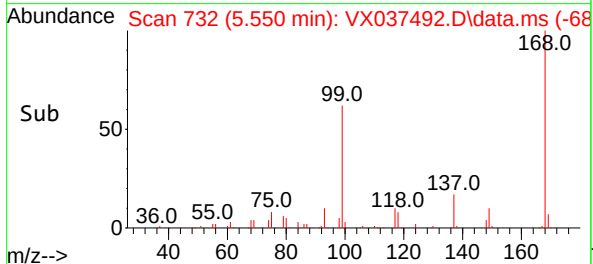
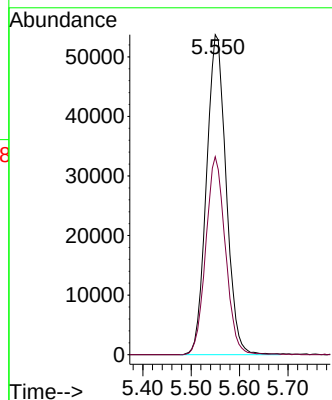


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037492.D
Acq: 02 Sep 2023 18:51

Instrument :
MSVOA_X
ClientSampleId :
OW-07B-65-083123

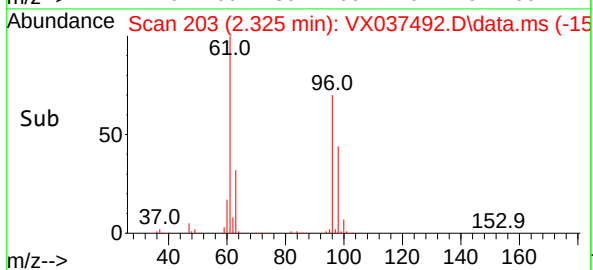
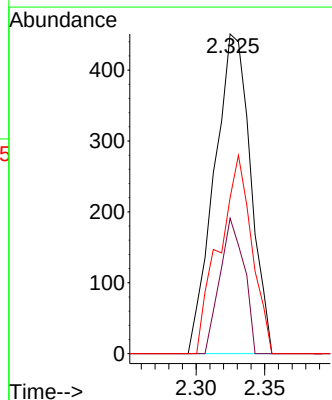
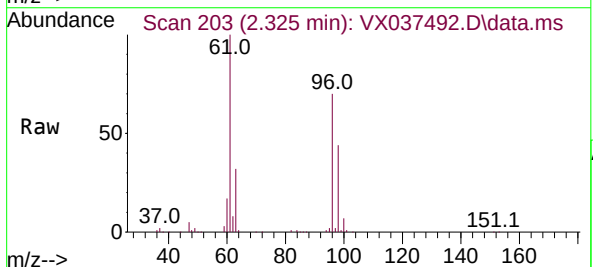


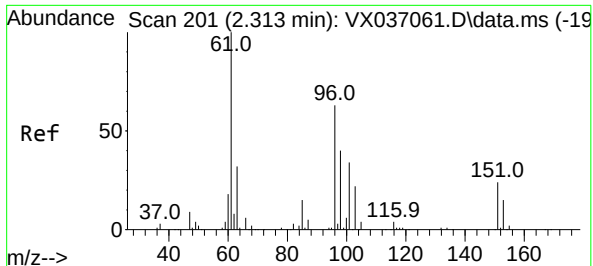
Tgt Ion:168 Resp: 151456
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.518 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037492.D
Acq: 02 Sep 2023 18:51

Tgt Ion:101 Resp: 830
Ion Ratio Lower Upper
101 100
85 28.1 37.0 55.6#
151 55.9 58.6 87.8#





#12

1,1-Dichloroethene

Concen: 70.102 ug/l

RT: 2.319 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX037492.D

Acq: 02 Sep 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

OW-07B-65-083123

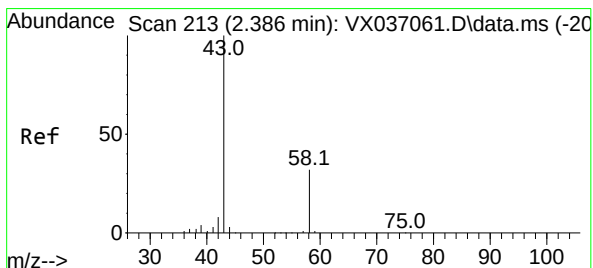
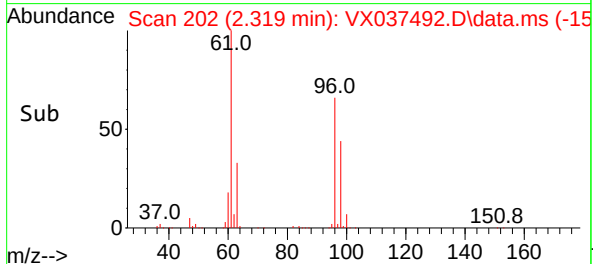
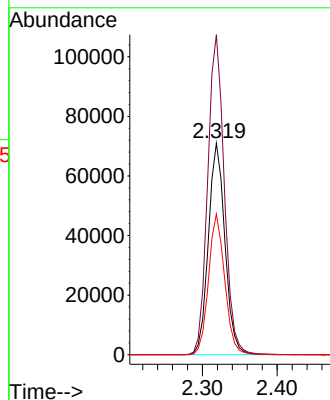
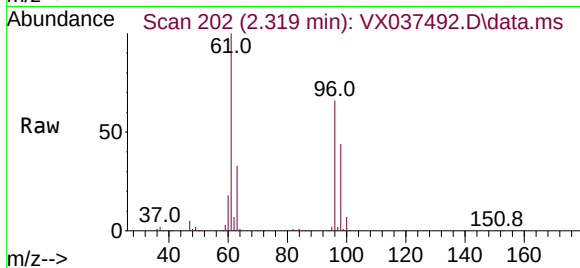
Tgt Ion: 96 Resp: 109295

Ion Ratio Lower Upper

96 100

61 151.3 144.6 216.8

98 66.5 50.4 75.6



#16

Acetone

Concen: 3.688 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX037492.D

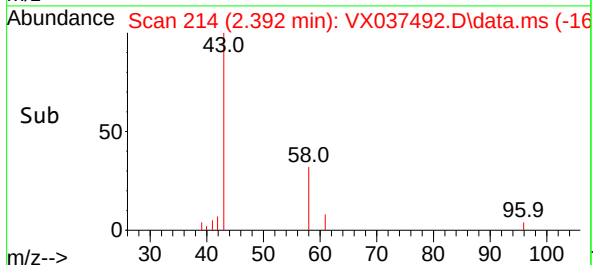
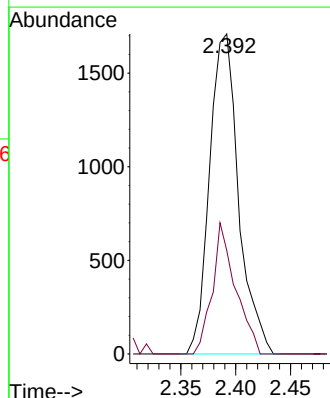
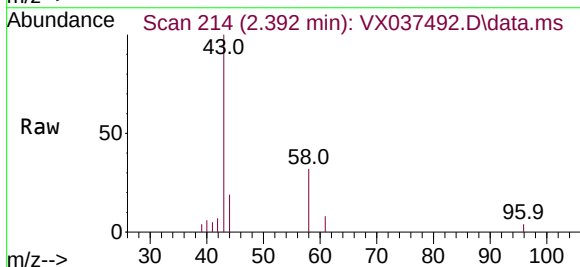
Acq: 02 Sep 2023 18:51

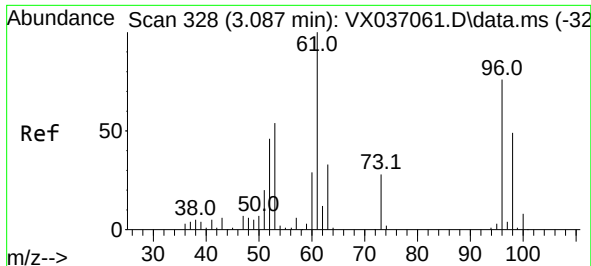
Tgt Ion: 43 Resp: 3150

Ion Ratio Lower Upper

43 100

58 32.4 21.9 32.9

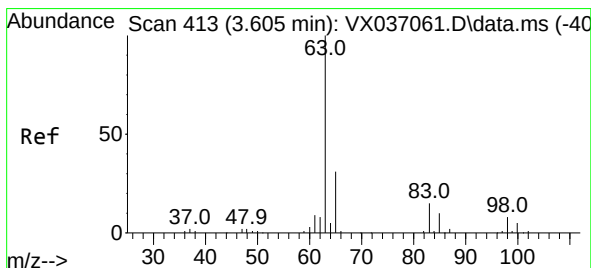
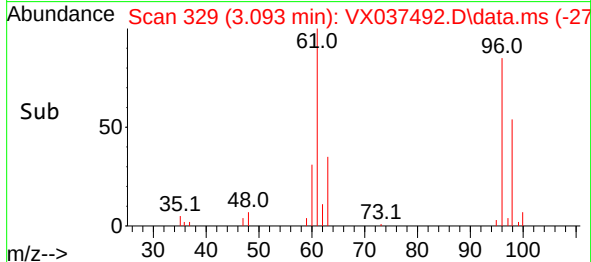
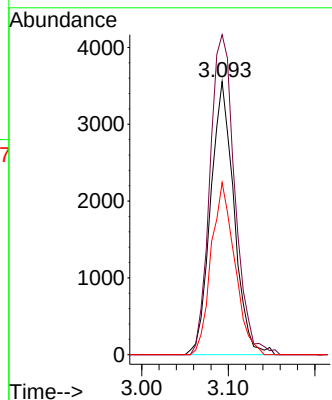
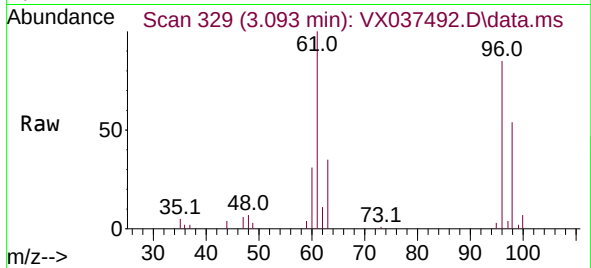




#21
trans-1,2-Dichloroethene
Concen: 3.754 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037492.D
Acq: 02 Sep 2023 18:51

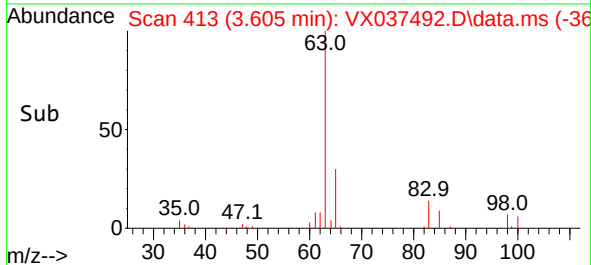
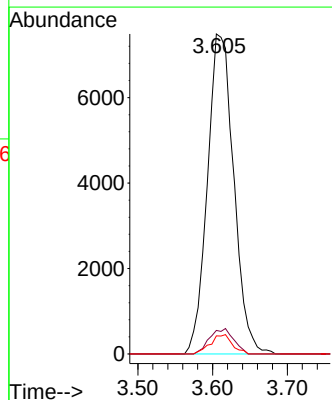
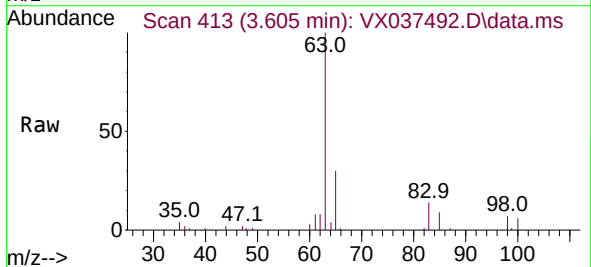
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-65-083123

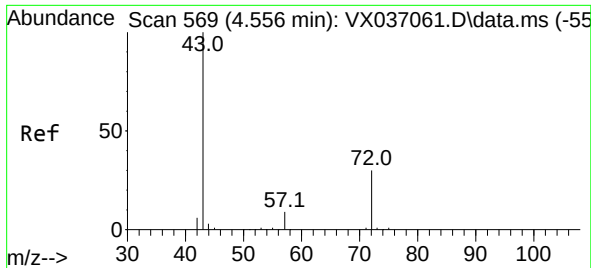
Tgt Ion: 96 Resp: 6653
Ion Ratio Lower Upper
96 100
61 117.2 119.2 178.8#
98 63.1 48.7 73.1



#24
1,1-Dichloroethane
Concen: 5.921 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX037492.D
Acq: 02 Sep 2023 18:51

Tgt Ion: 63 Resp: 18387
Ion Ratio Lower Upper
63 100
98 7.3 3.3 9.8
100 5.6 2.1 6.5

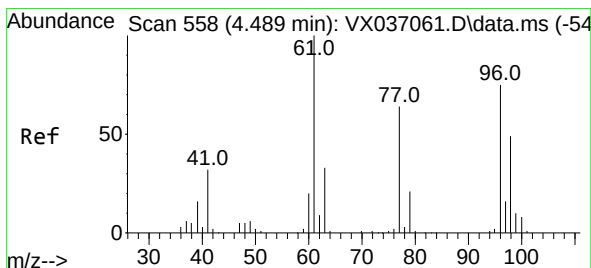
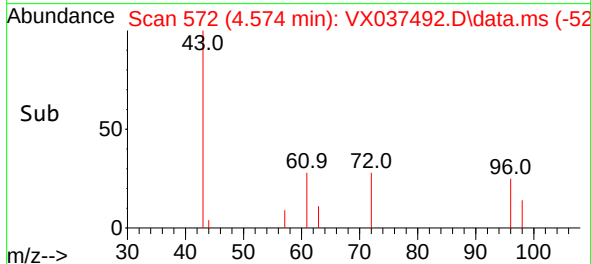
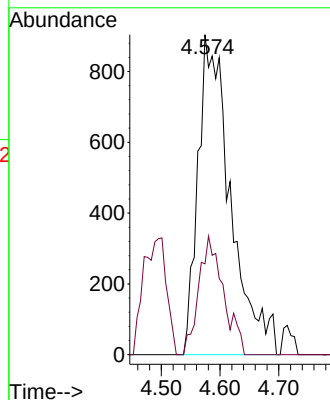
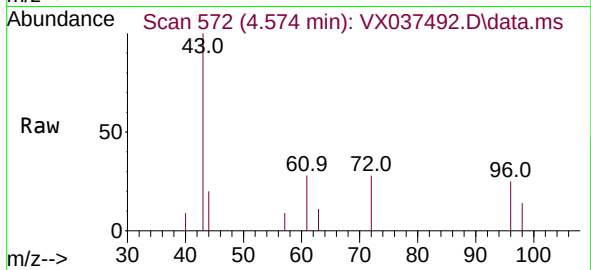




#25
2-Butanone
Concen: 2.696 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX037492.D
Acq: 02 Sep 2023 18:51

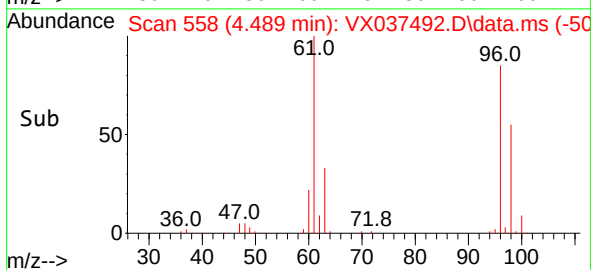
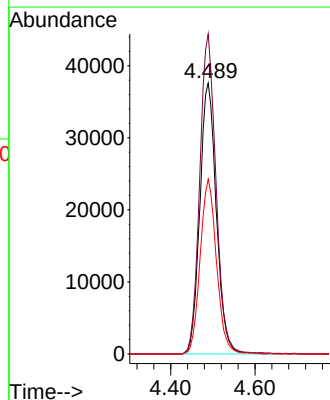
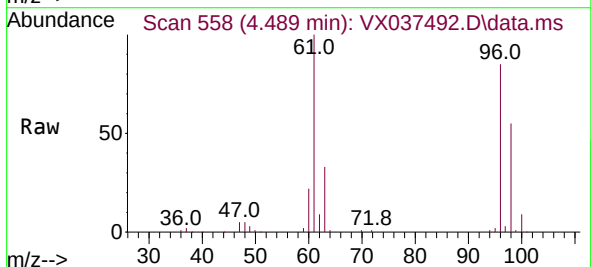
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-65-083123

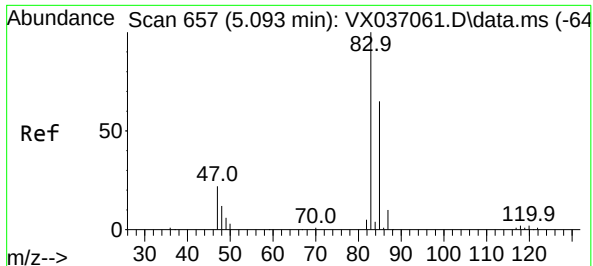
Tgt Ion: 43 Resp: 3468
Ion Ratio Lower Upper
43 100
72 28.4 19.4 29.2



#27
cis-1,2-Dichloroethene
Concen: 49.074 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037492.D
Acq: 02 Sep 2023 18:51

Tgt Ion: 96 Resp: 102535
Ion Ratio Lower Upper
96 100
61 116.3 0.0 312.2
98 63.8 0.0 129.0





#30

Chloroform

Concen: 0.854 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX037492.D

Acq: 02 Sep 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

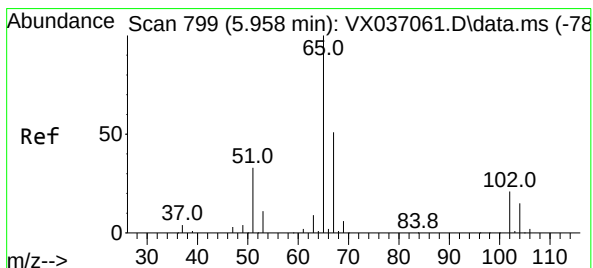
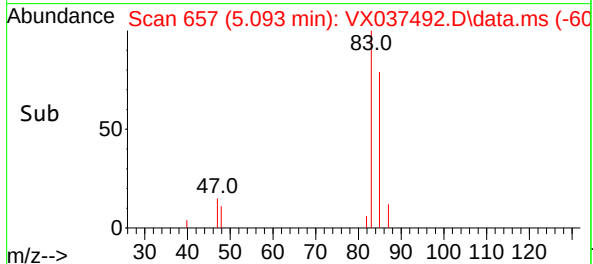
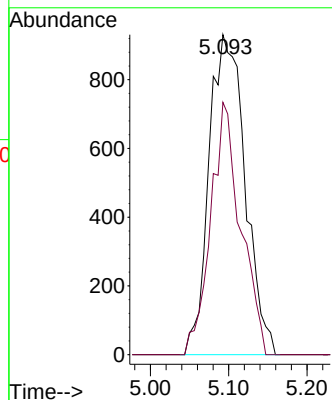
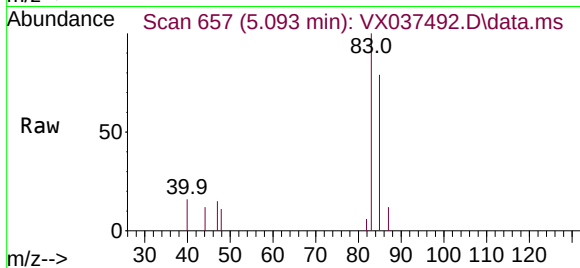
OW-07B-65-083123

Tgt Ion: 83 Resp: 2977

Ion Ratio Lower Upper

83 100

85 78.8 50.3 75.5#



#33

1,2-Dichloroethane-d4

Concen: 41.437 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037492.D

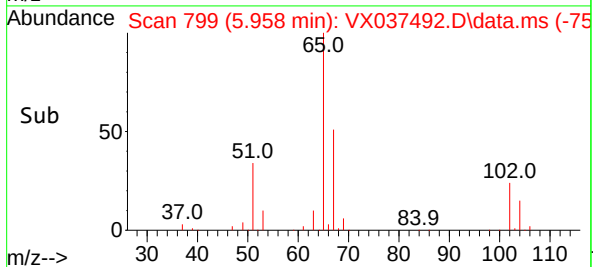
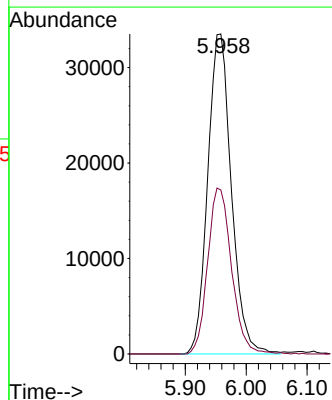
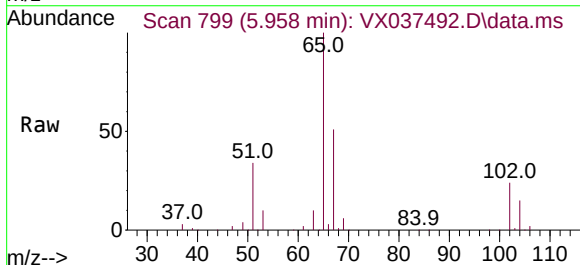
Acq: 02 Sep 2023 18:51

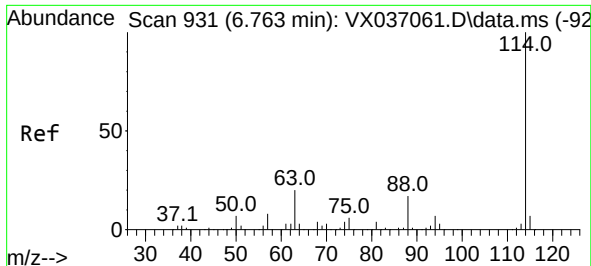
Tgt Ion: 65 Resp: 90478

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.2

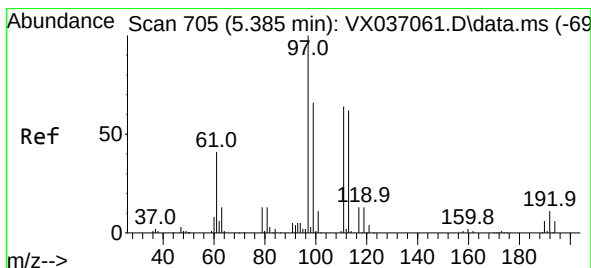
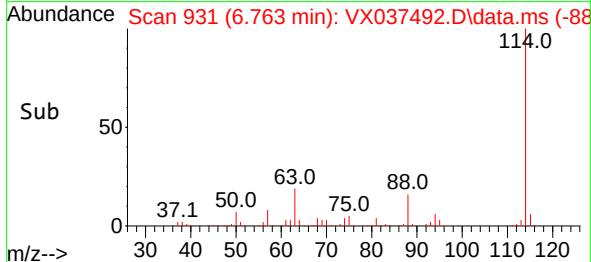
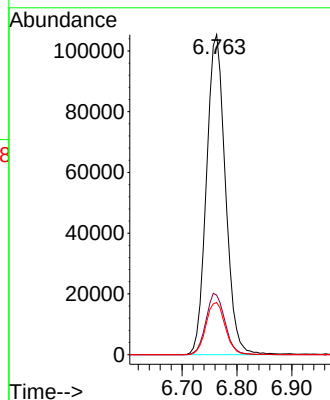
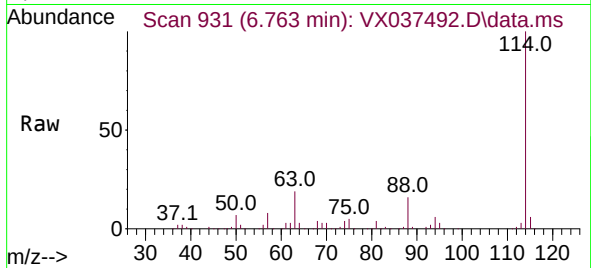




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037492.D
Acq: 02 Sep 2023 18:51

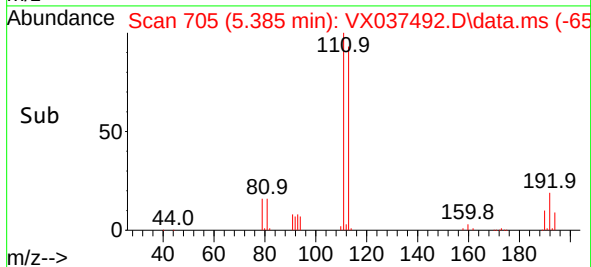
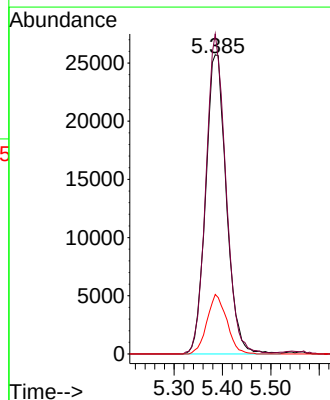
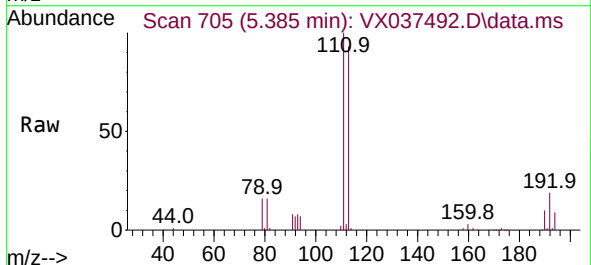
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OW-07B-65-083123

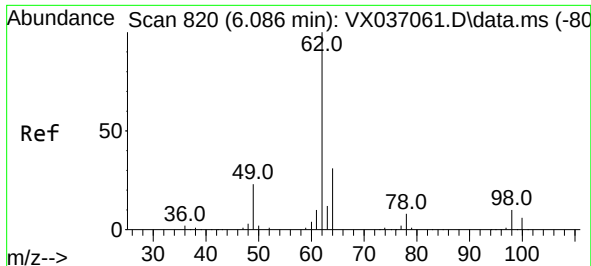
Tgt Ion:114 Resp: 251745
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.951 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037492.D
Acq: 02 Sep 2023 18:51

Tgt Ion:113 Resp: 76612
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.0 13.3 19.9





#42

1,2-Dichloroethane

Concen: 3.896 ug/l

RT: 6.086 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX037492.D

Acq: 02 Sep 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

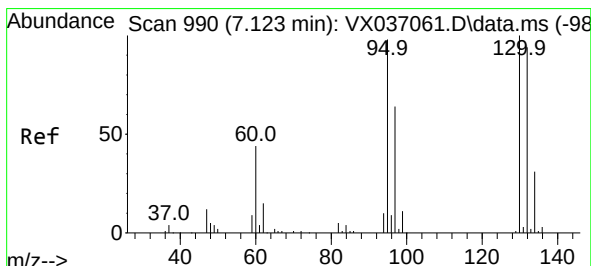
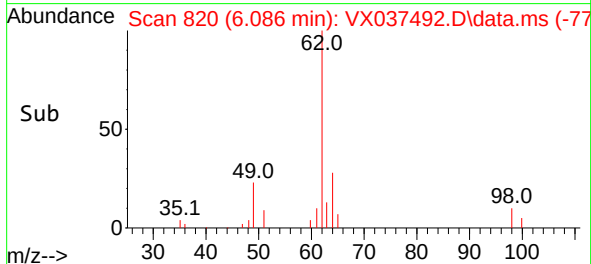
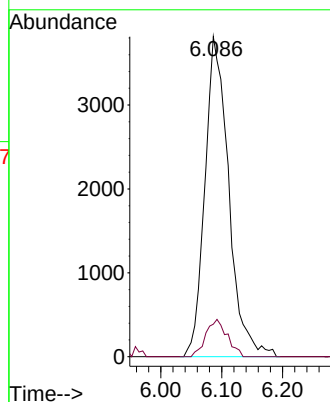
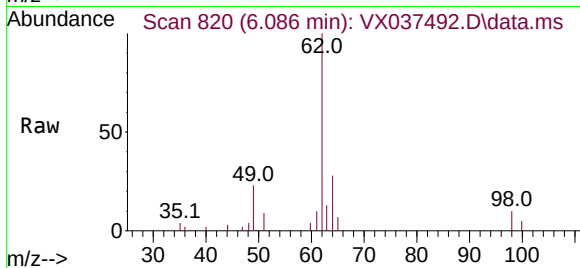
OW-07B-65-083123

Tgt Ion: 62 Resp: 10380

Ion Ratio Lower Upper

62 100

98 10.4 0.0 16.0



#44

Trichloroethene

Concen: 54.437 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX037492.D

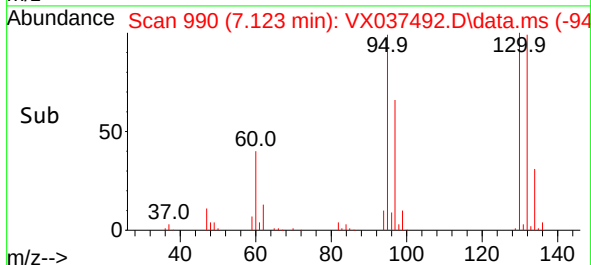
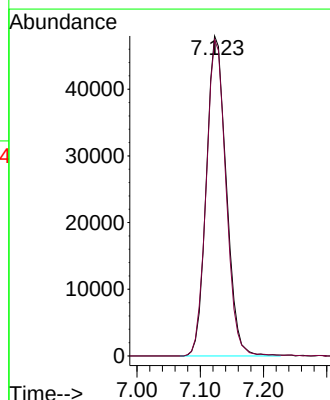
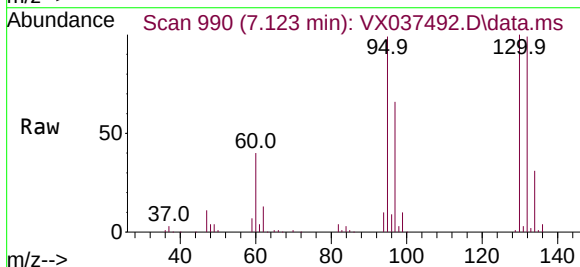
Acq: 02 Sep 2023 18:51

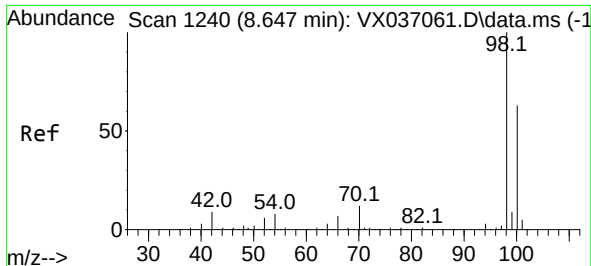
Tgt Ion:130 Resp: 104864

Ion Ratio Lower Upper

130 100

95 98.9 0.0 204.4

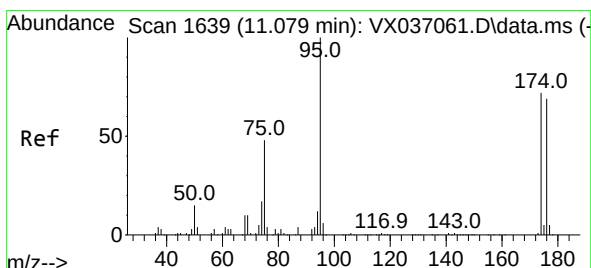
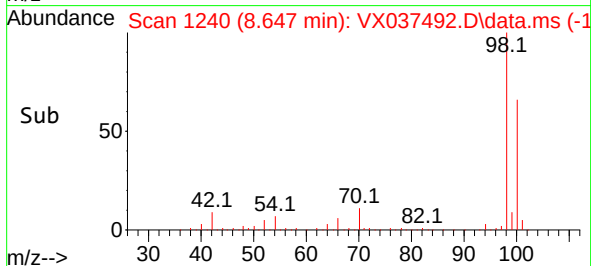
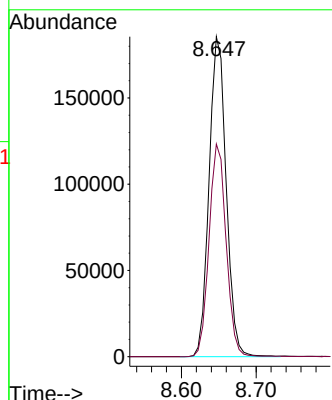
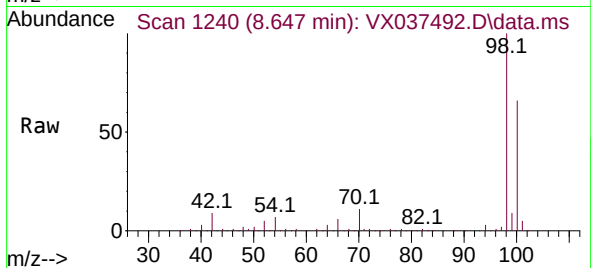




#50
Toluene-d8
Concen: 48.747 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037492.D
Acq: 02 Sep 2023 18:51

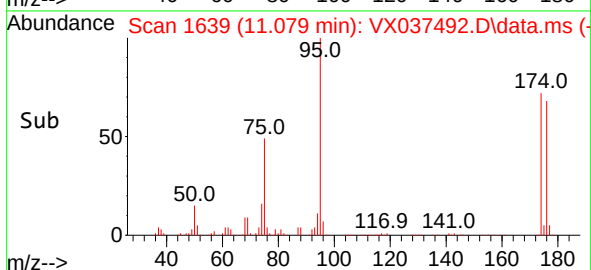
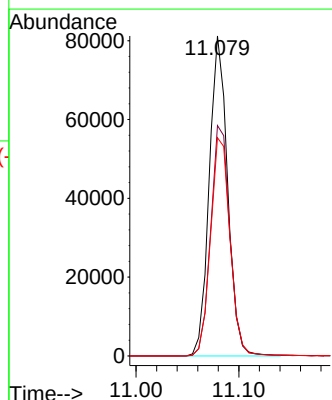
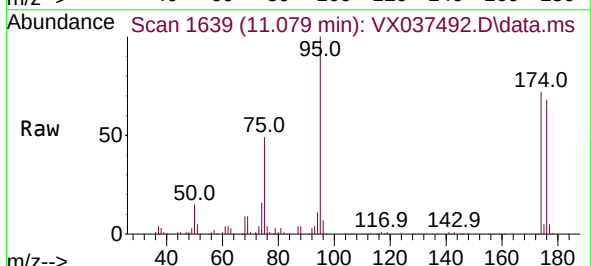
Instrument :
MSVOA_X
ClientSampleId :
OW-07B-65-083123

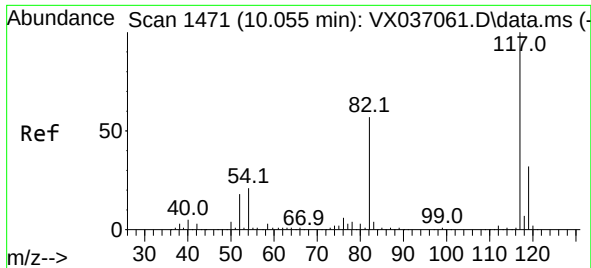
Tgt Ion: 98 Resp: 294807
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.506 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037492.D
Acq: 02 Sep 2023 18:51

Tgt Ion: 95 Resp: 101022
Ion Ratio Lower Upper
95 100
174 75.3 0.0 135.6
176 72.4 0.0 131.0

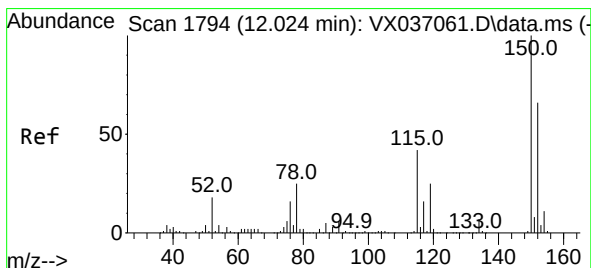
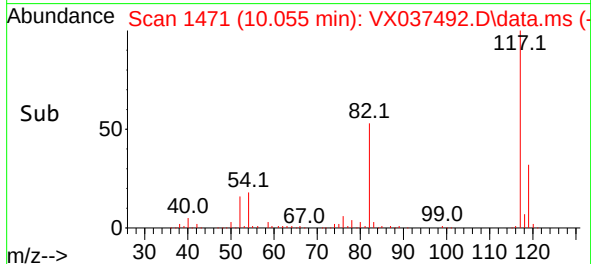
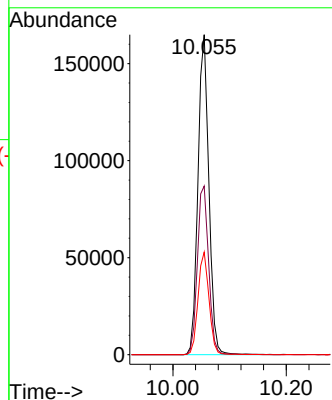
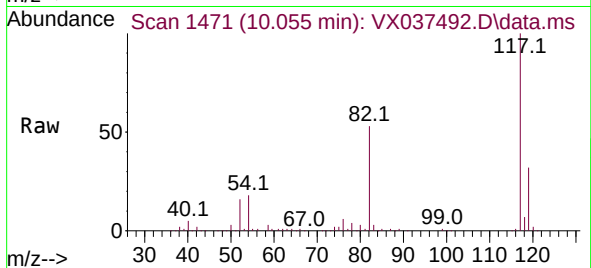




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037492.D
Acq: 02 Sep 2023 18:51

Instrument :
MSVOA_X
ClientSampleId :
OW-07B-65-083123

Tgt Ion:117 Resp: 219597
Ion Ratio Lower Upper
117 100
82 52.7 46.2 69.4
119 32.1 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: VX037492.D
Acq: 02 Sep 2023 18:51

Tgt Ion:152 Resp: 93096
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 156.1 0.0 345.0

