

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037567.D
 Acq On : 06 Sep 2023 20:21
 Operator : JC/MD
 Sample : 04308-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-06B-76.5-090523

Quant Time: Sep 06 22:49:15 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)

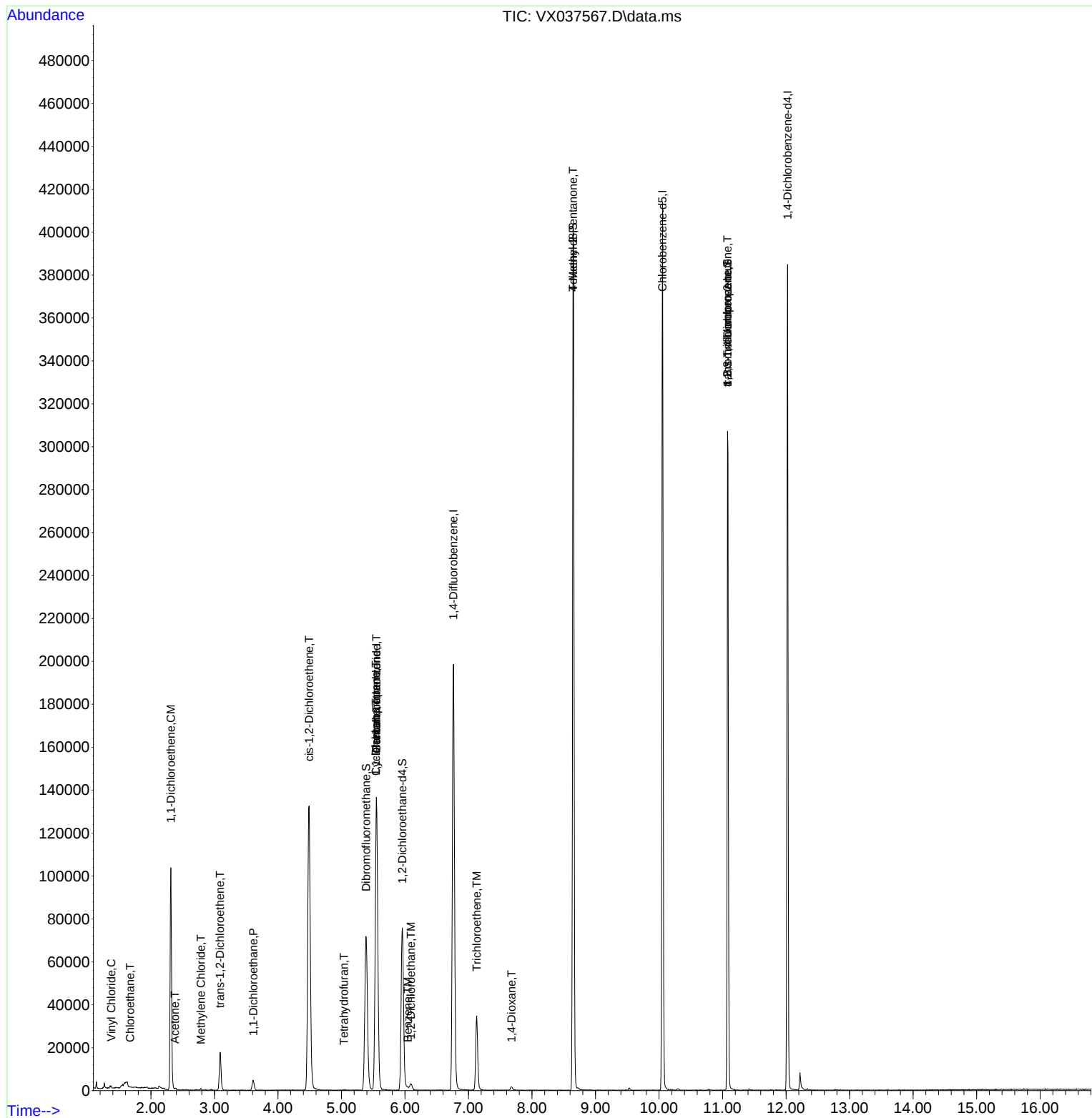
Internal Standards						
1) Pentafluorobenzene	5.550	168	129709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74992	40.103	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.200%		
35) Dibromofluoromethane	5.385	113	65304	45.848	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.700%		
50) Toluene-d8	8.647	98	252870	48.943	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.880%		
62) 4-Bromofluorobenzene	11.079	95	89981	44.317	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.640%		
Target Compounds					Qvalue	
4) Vinyl Chloride	1.374	62	329	0.229	ug/l #	64
6) Chloroethane	1.672	64	945	1.119	ug/l #	74
12) 1,1-Dichloroethene	2.313	96	35959	26.931	ug/l	82
16) Acetone	2.380	43	1138	1.556	ug/l	91
20) Methylene Chloride	2.788	84	378	0.231	ug/l #	79
21) trans-1,2-Dichloroethene	3.087	96	7953	5.240	ug/l	83
24) 1,1-Dichloroethane	3.611	63	5494	2.066	ug/l #	92
27) cis-1,2-Dichloroethene	4.489	96	92819	51.872	ug/l	78
29) Tetrahydrofuran	5.038	42	210	0.299	ug/l #	57
31) Cyclohexane	5.544	56	2306	1.097	ug/l #	3
36) 1,1-Dichloropropene	5.544	75	9663	4.775	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13299	6.050	ug/l #	15
40) Benzene	6.044	78	1768	0.305	ug/l	95
42) 1,2-Dichloroethane	6.092	62	3588	1.576	ug/l	100
44) Trichloroethene	7.129	130	14160	8.604	ug/l	93
49) 1,4-Dioxane	7.677	88	1631	37.839	ug/l #	84
51) 4-Methyl-2-Pentanone	8.647	43	883	0.443	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43732	24.639	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43732	68.818	ug/l #	5

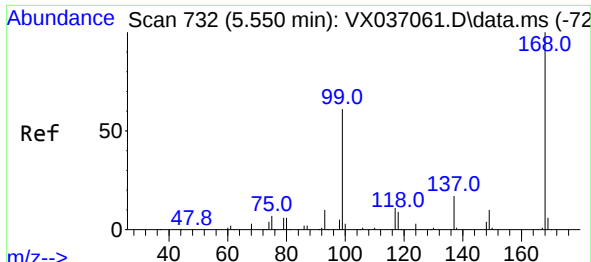
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : 04308-01
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Instrument :
MSVOA_X
ClientSampleId :
OW-06B-76.5-090523

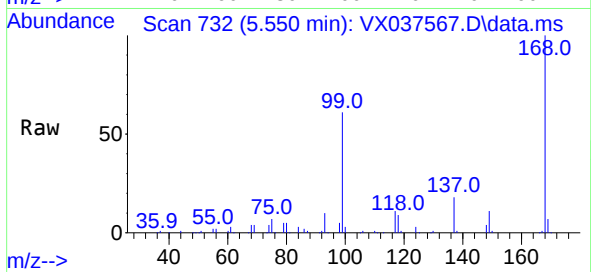
Quant Time: Sep 06 22:49:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



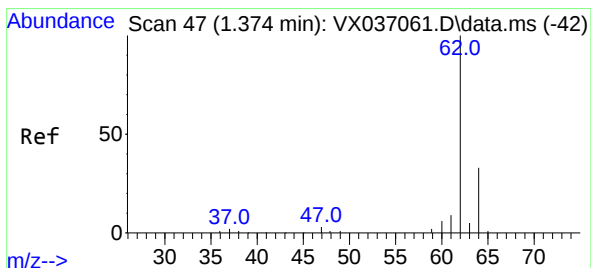
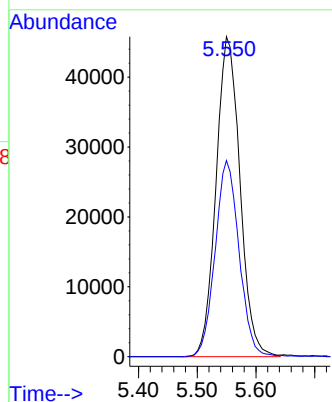


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-76.5-090523

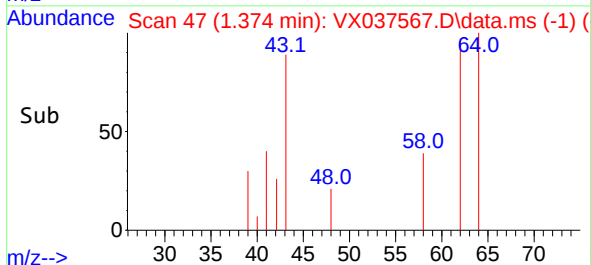
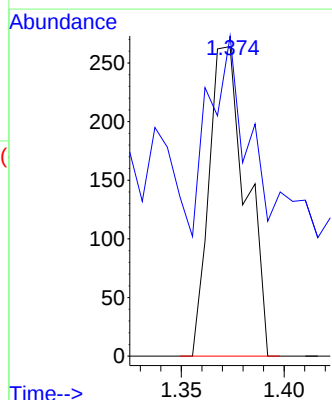
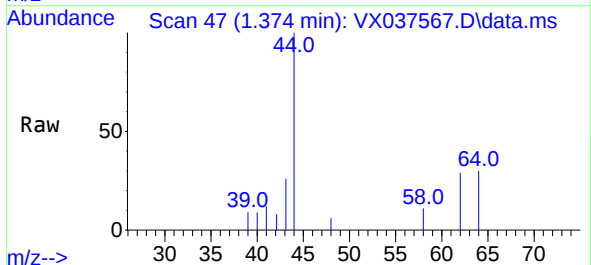


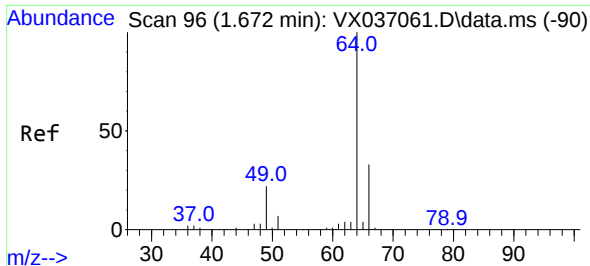
Tgt Ion:168 Resp: 129709
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#4
Vinyl Chloride
Concen: 0.229 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Tgt Ion: 62 Resp: 329
Ion Ratio Lower Upper
62 100
64 51.9 25.4 38.0#

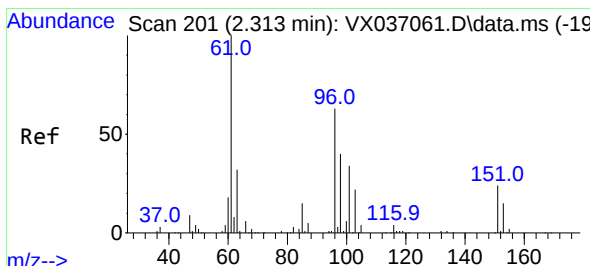
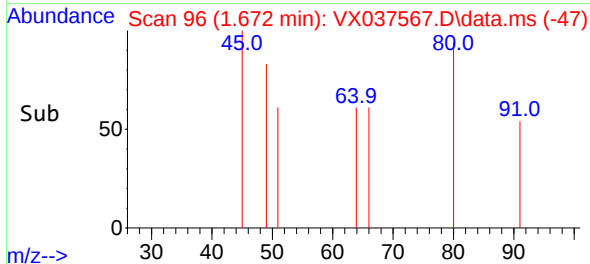
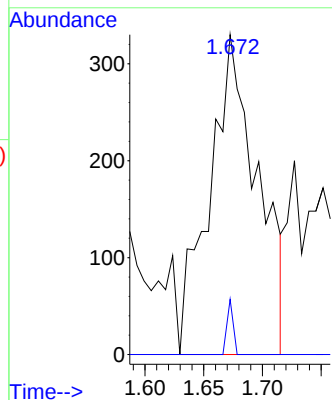
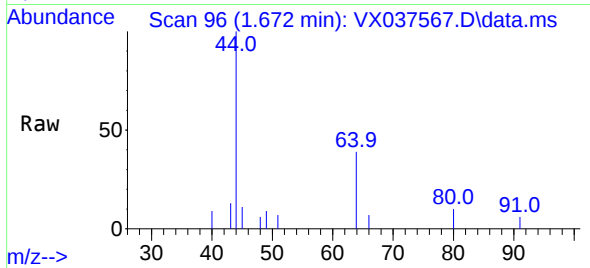




#6
Chloroethane
Concen: 1.119 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

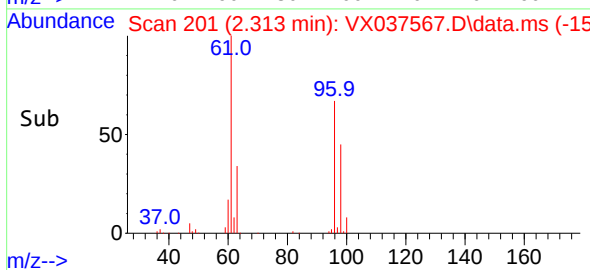
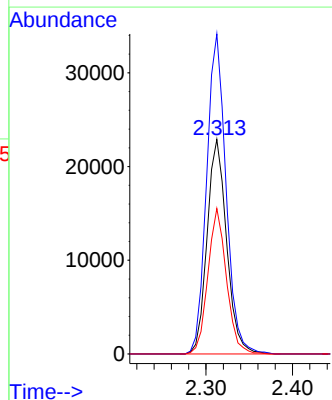
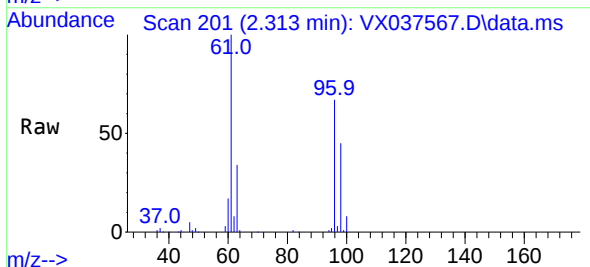
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-76.5-090523

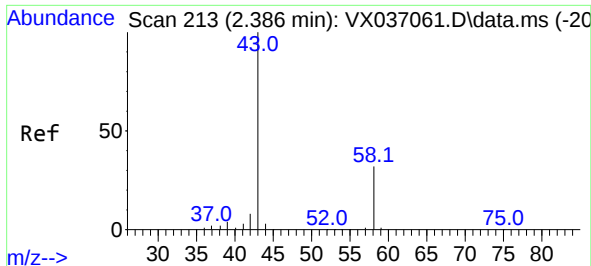
Tgt Ion: 64 Resp: 945
Ion Ratio Lower Upper
64 100
66 17.3 25.1 37.7#



#12
1,1-Dichloroethene
Concen: 26.931 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Tgt Ion: 96 Resp: 35959
Ion Ratio Lower Upper
96 100
61 149.2 144.6 216.8
98 67.8 50.4 75.6

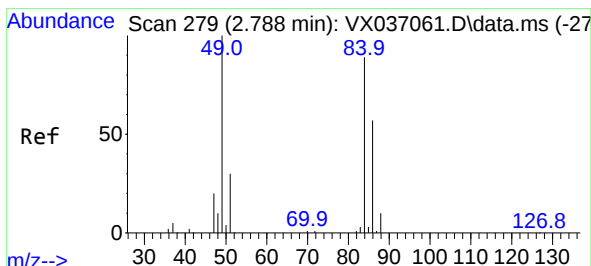
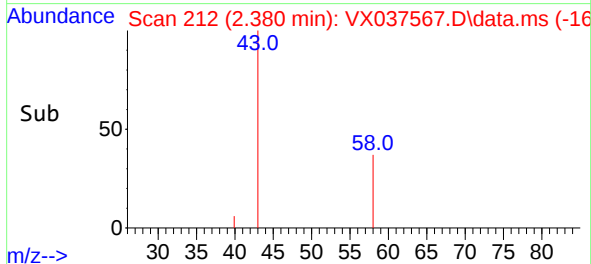
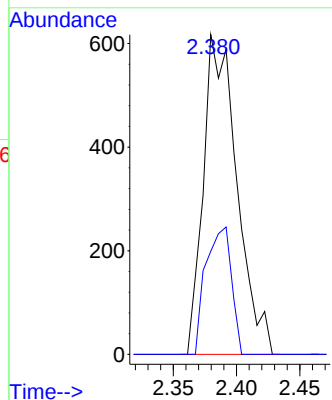
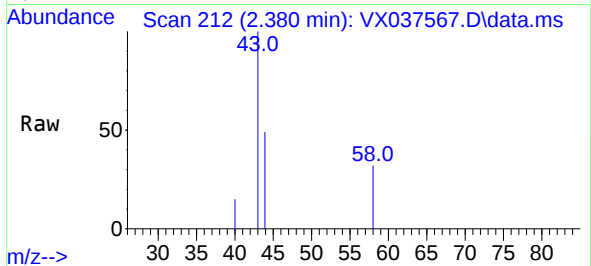




#16
Acetone
Concen: 1.556 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

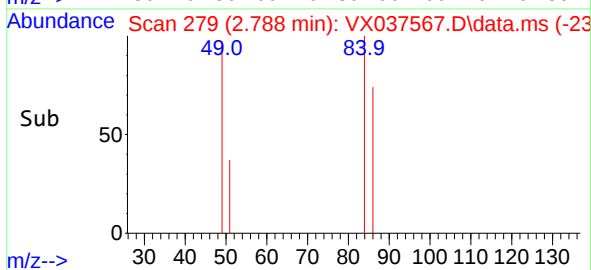
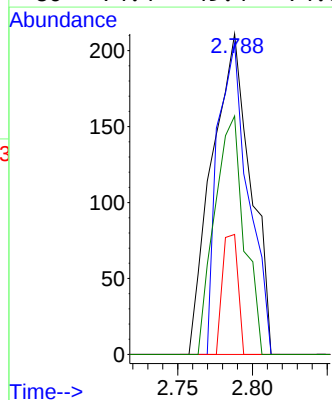
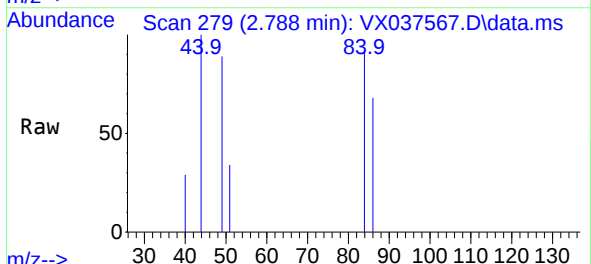
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-76.5-090523

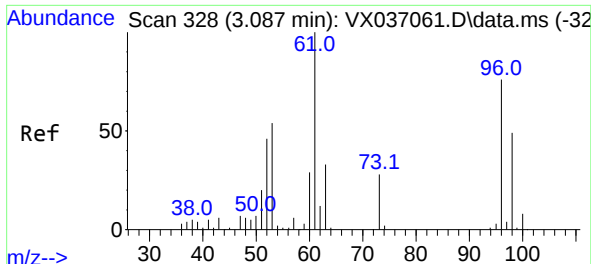
Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Tgt Ion: 84 Resp: 378
Ion Ratio Lower Upper
84 100
49 97.2 103.6 155.4#
51 37.4 33.8 50.6
86 74.4 49.4 74.0#



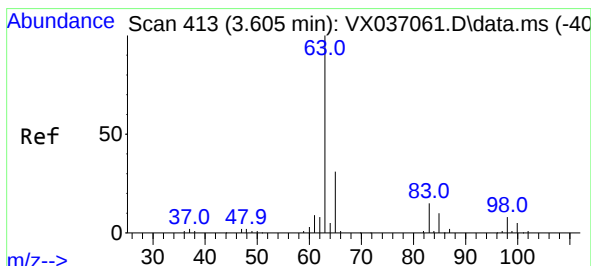
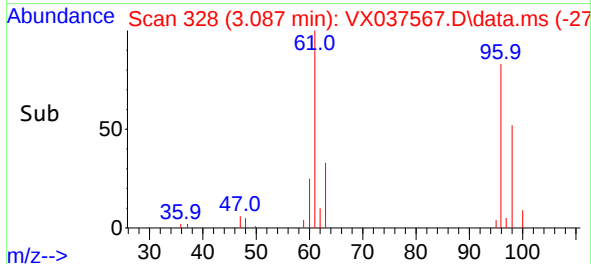
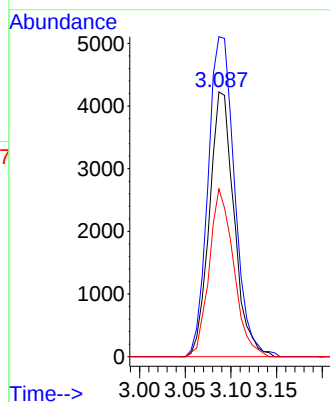
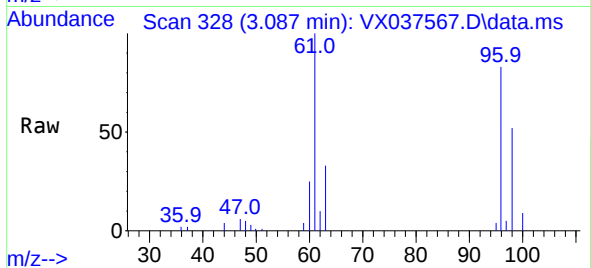


#21
trans-1,2-Dichloroethene
Concen: 5.240 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Instrument : MSVOA_X
ClientSampleId : OW-06B-76.5-090523

Tgt Ion: 96 Resp: 7953

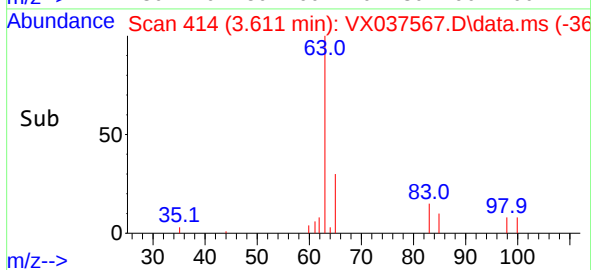
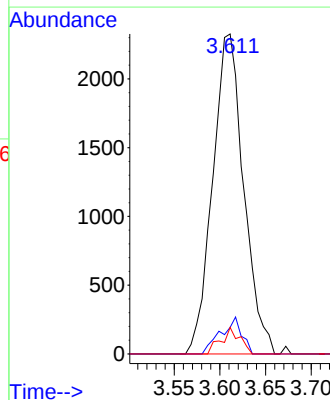
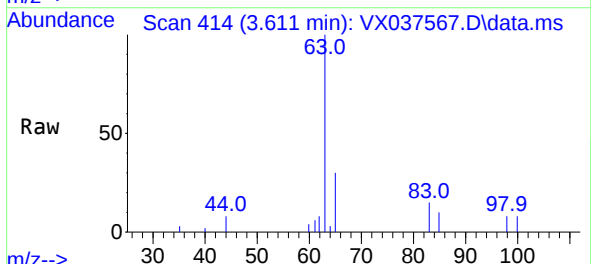
Ion	Ratio	Lower	Upper
96	100		
61	120.8	119.2	178.8
98	63.3	48.7	73.1

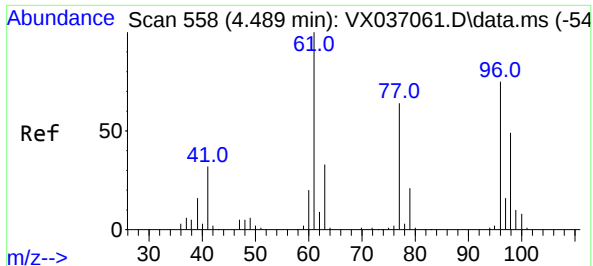


#24
1,1-Dichloroethane
Concen: 2.066 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Tgt Ion: 63 Resp: 5494

Ion	Ratio	Lower	Upper
63	100		
98	8.3	3.3	9.8
100	8.3	2.1	6.5



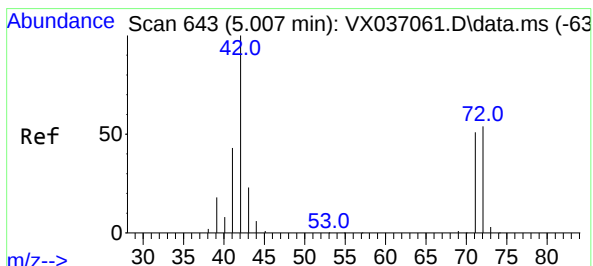
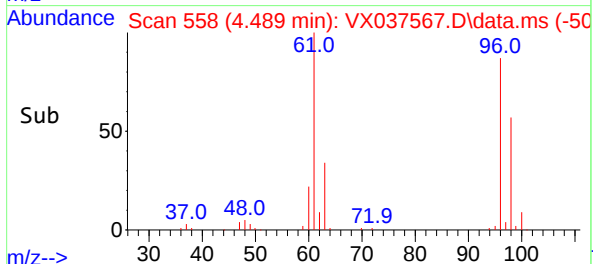
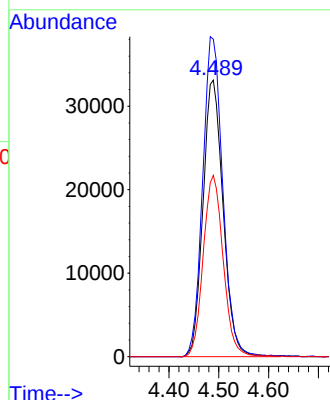
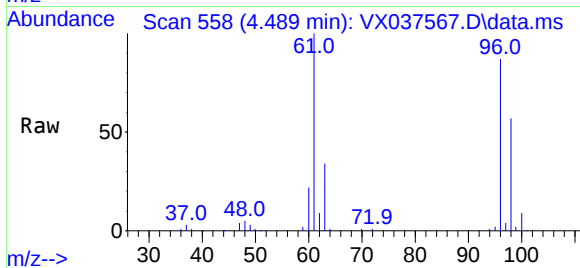


#27
 cis-1,2-Dichloroethene
 Concen: 51.872 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX037567.D
 Acq: 06 Sep 2023 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-06B-76.5-090523

Tgt Ion: 96 Resp: 92819

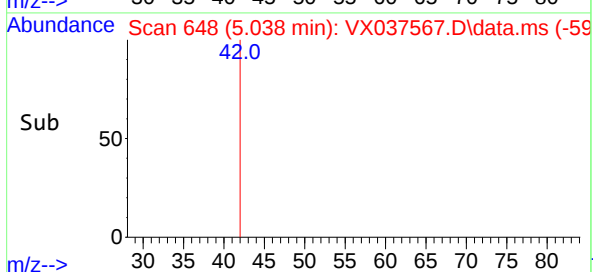
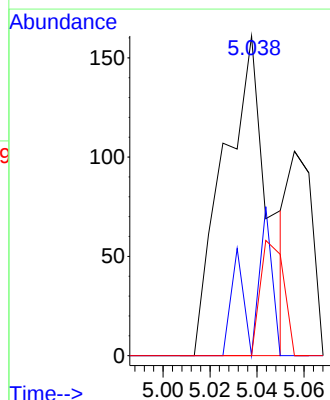
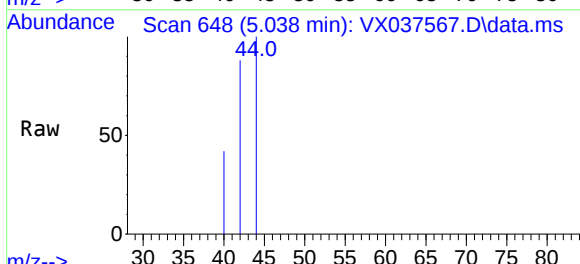
Ion	Ratio	Lower	Upper
96	100		
61	115.4	0.0	312.2
98	64.9	0.0	129.0

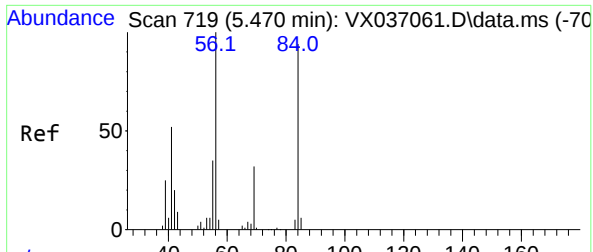


#29
 Tetrahydrofuran
 Concen: 0.299 ug/l
 RT: 5.038 min Scan# 648
 Delta R.T. 0.030 min
 Lab File: VX037567.D
 Acq: 06 Sep 2023 20:21

Tgt Ion: 42 Resp: 210

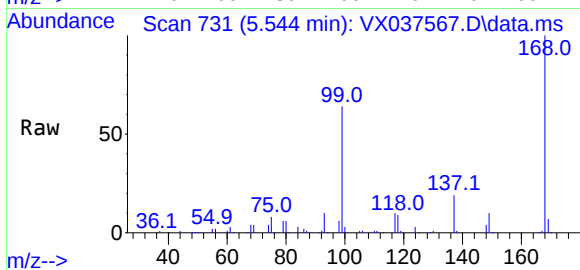
Ion	Ratio	Lower	Upper
42	100		
72	9.5	34.2	51.4#
71	19.0	32.2	48.2#



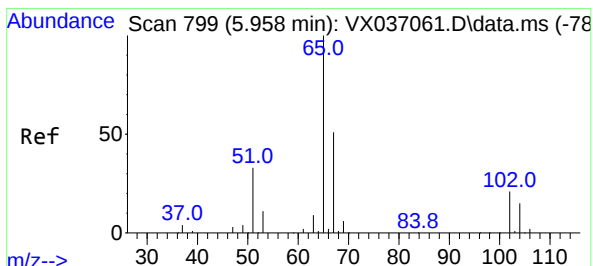
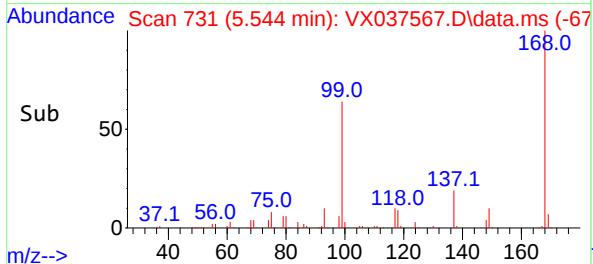
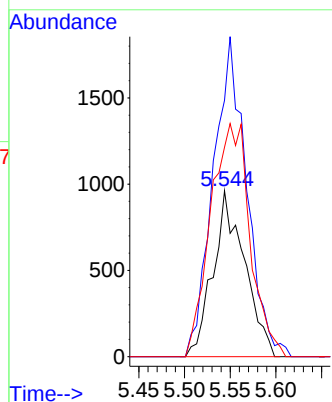


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-76.5-090523

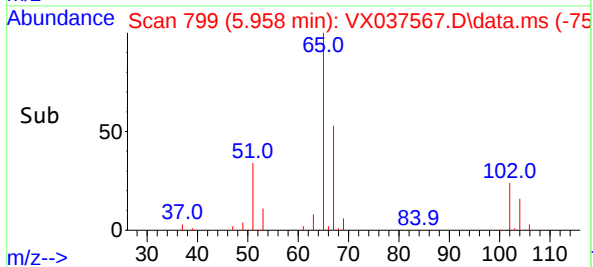
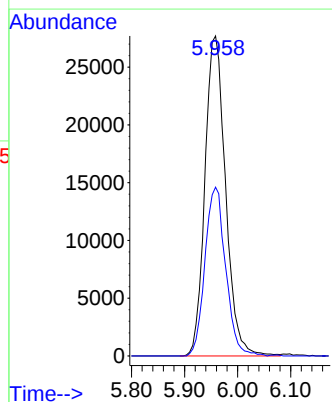
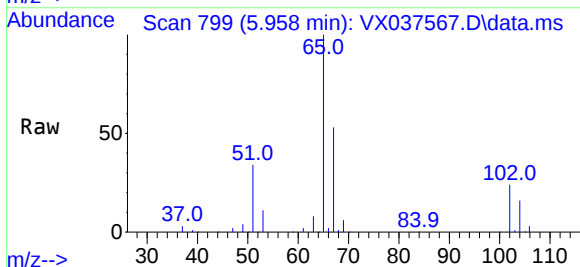


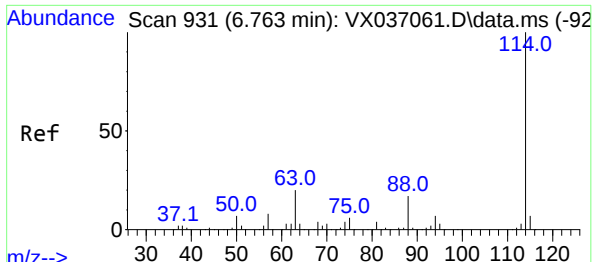
Tgt Ion: 56 Resp: 2306
Ion Ratio Lower Upper
56 100
69 154.5 23.4 35.2#
84 126.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 40.103 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Tgt Ion: 65 Resp: 74992
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

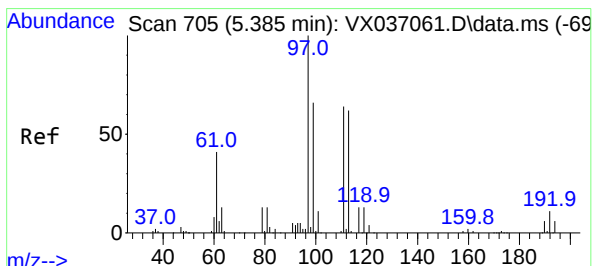
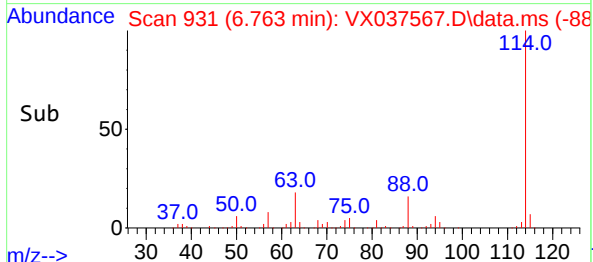
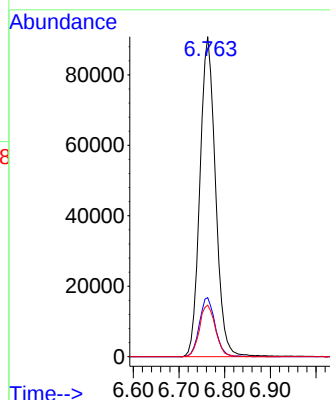
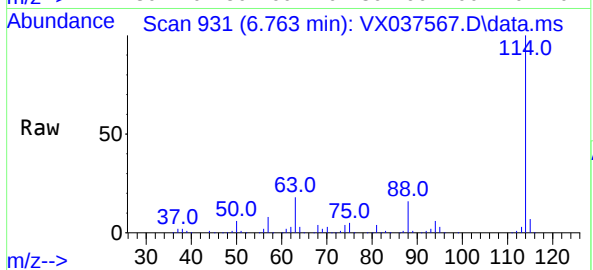




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

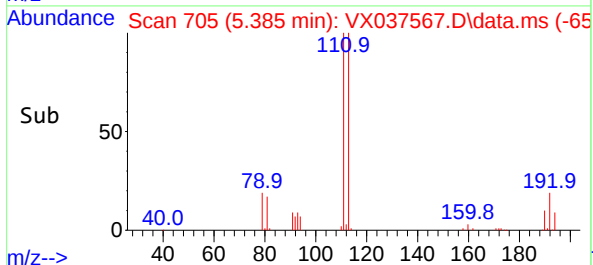
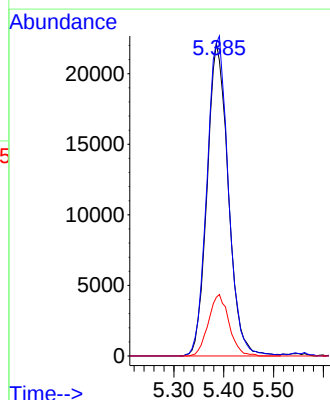
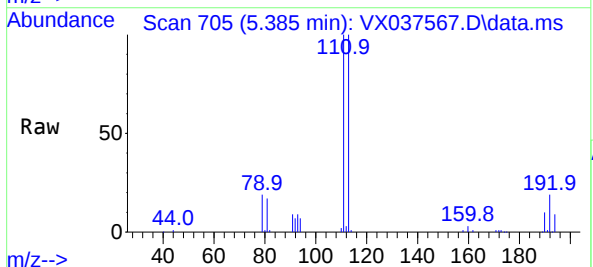
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-76.5-090523

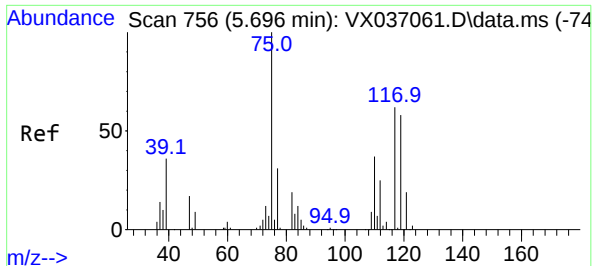
Tgt Ion:114 Resp: 215068
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.848 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

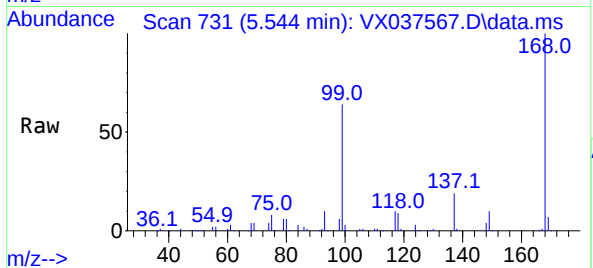
Tgt Ion:113 Resp: 65304
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 19.1 13.3 19.9



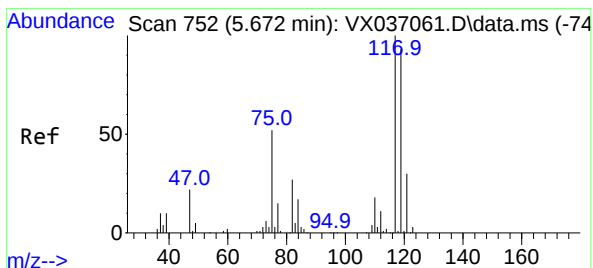
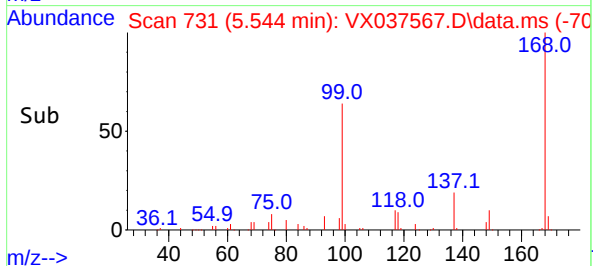
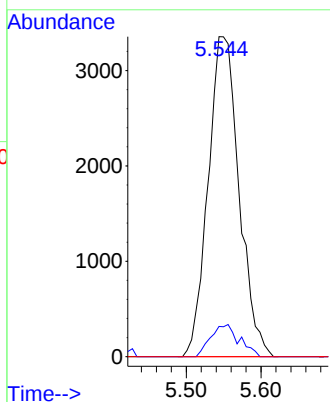


#36
1,1-Dichloropropene
Concen: 4.775 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-76.5-090523

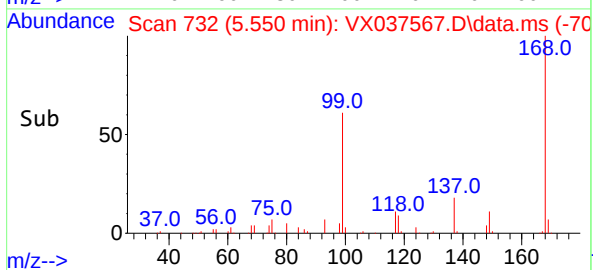
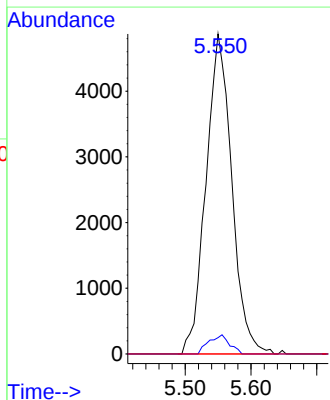
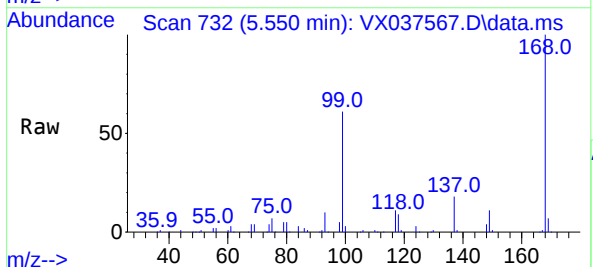


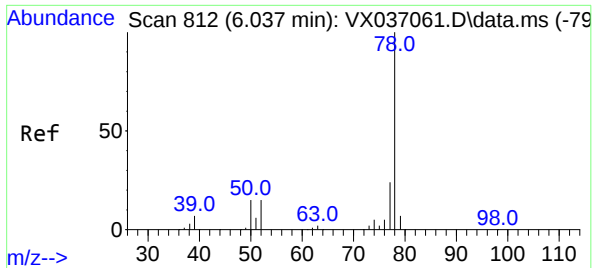
Tgt Ion: 75 Resp: 9663
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.050 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Tgt Ion: 117 Resp: 13299
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#

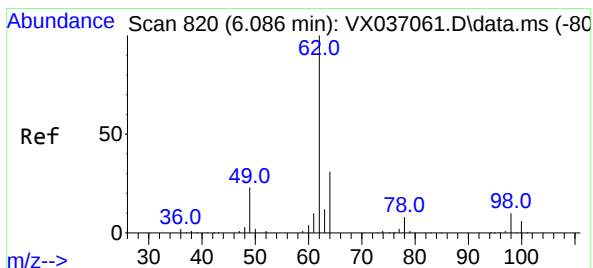
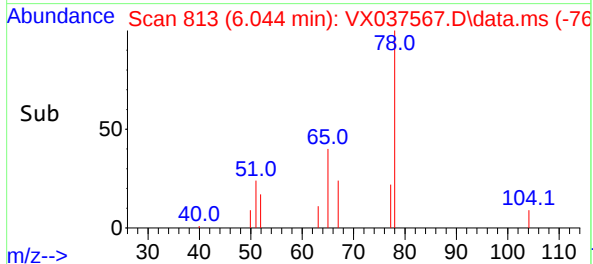
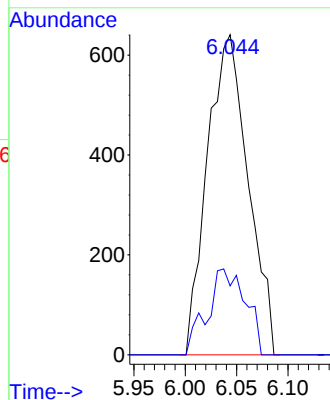
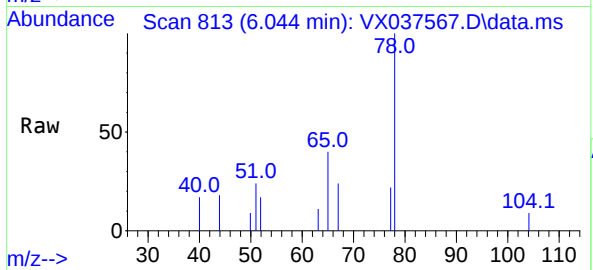




#40
Benzene
Concen: 0.305 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

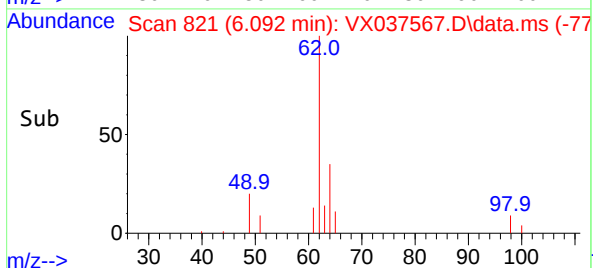
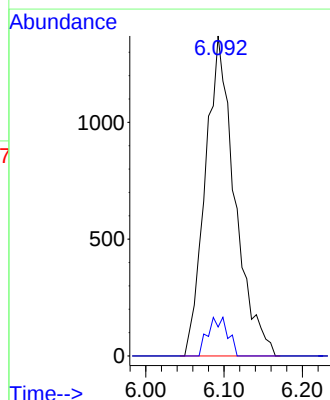
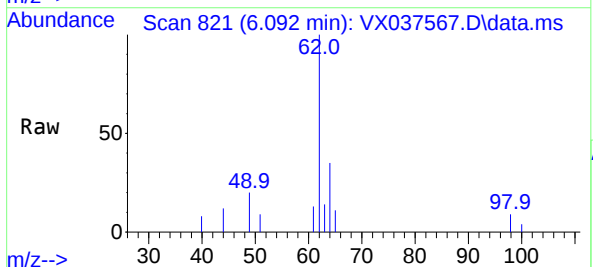
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-76.5-090523

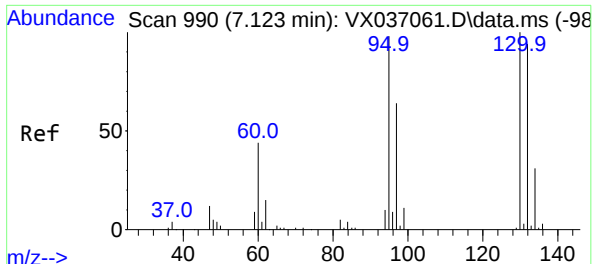
Tgt Ion: 78 Resp: 1768
Ion Ratio Lower Upper
78 100
77 21.5 19.3 28.9



#42
1,2-Dichloroethane
Concen: 1.576 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Tgt Ion: 62 Resp: 3588
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#44

Trichloroethene

Concen: 8.604 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037567.D

Acq: 06 Sep 2023 20:21

Instrument :

MSVOA_X

ClientSampleId :

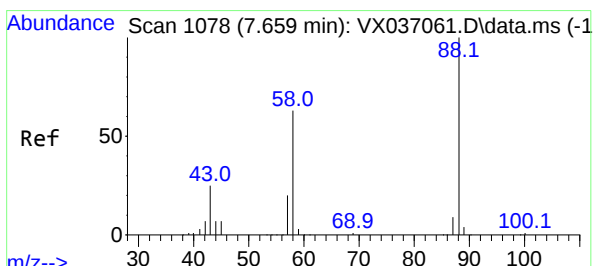
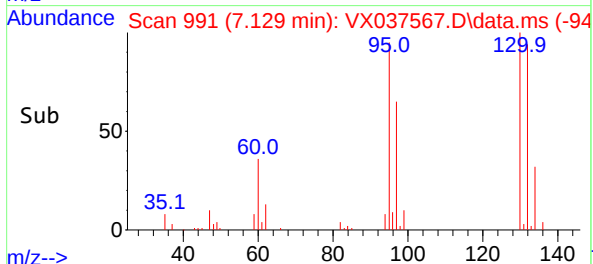
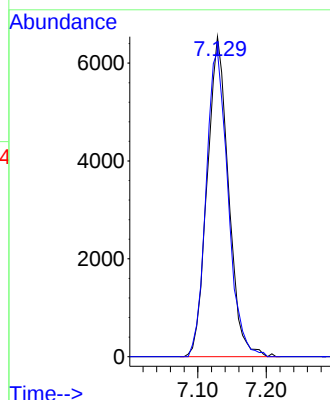
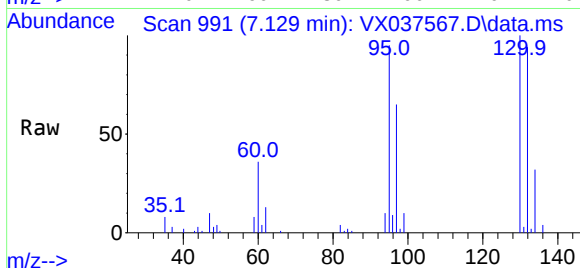
OW-06B-76.5-090523

Tgt Ion:130 Resp: 14160

Ion Ratio Lower Upper

130 100

95 95.5 0.0 204.4



#49

1,4-Dioxane

Concen: 37.839 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.018 min

Lab File: VX037567.D

Acq: 06 Sep 2023 20:21

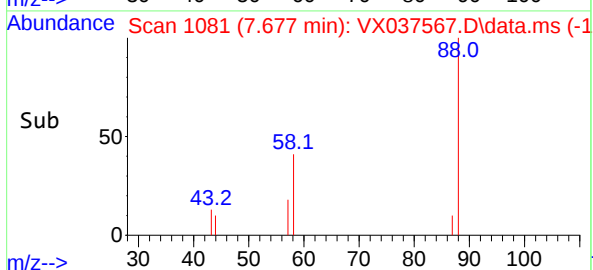
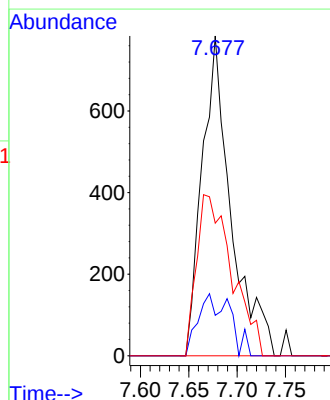
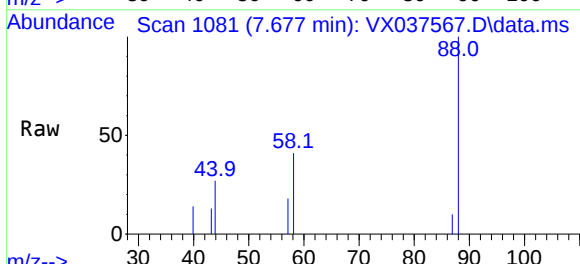
Tgt Ion: 88 Resp: 1631

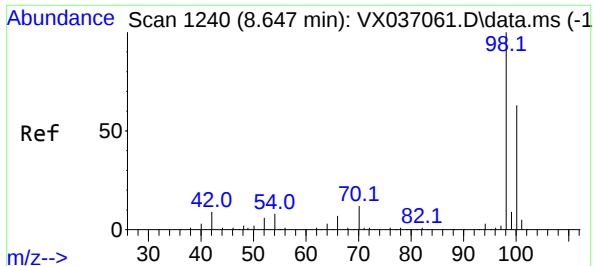
Ion Ratio Lower Upper

88 100

43 21.0 0.0 0.0#

58 61.5 60.1 90.1





#50

Toluene-d8

Concen: 48.943 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037567.D

Acq: 06 Sep 2023 20:21

Instrument :

MSVOA_X

ClientSampleId :

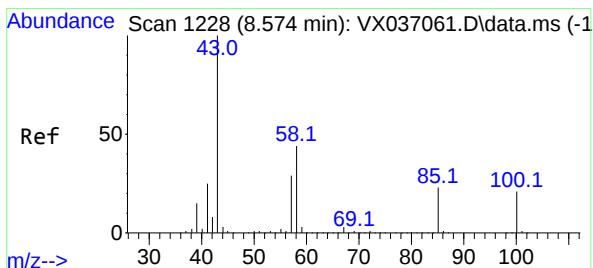
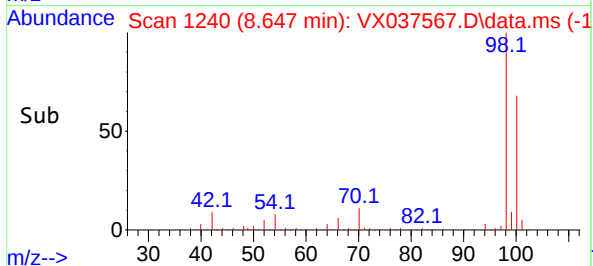
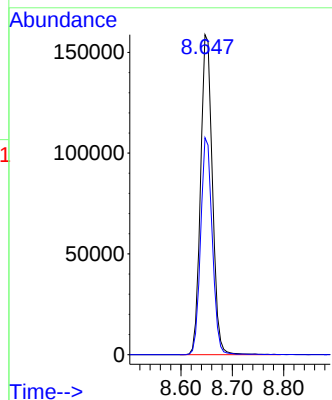
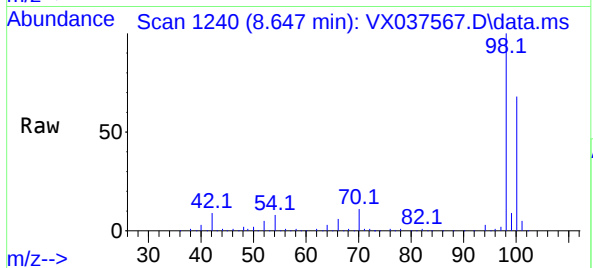
OW-06B-76.5-090523

Tgt Ion: 98 Resp: 252870

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.443 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX037567.D

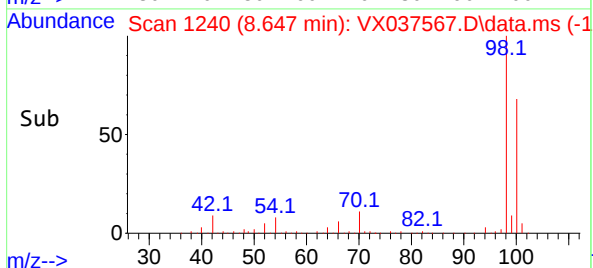
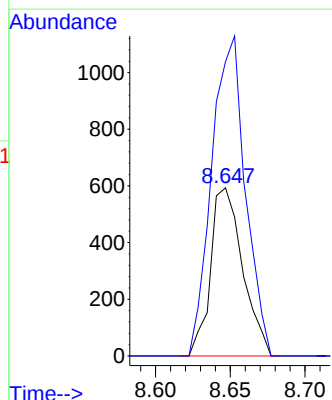
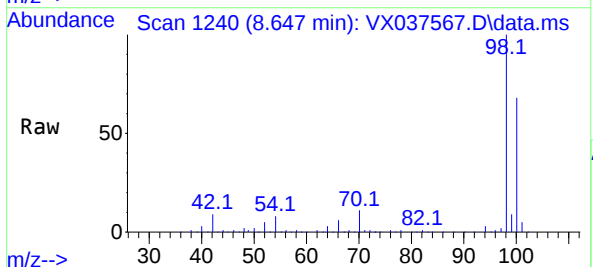
Acq: 06 Sep 2023 20:21

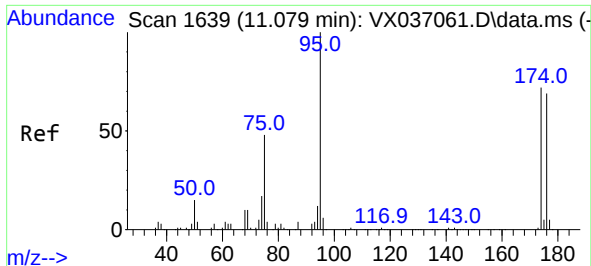
Tgt Ion: 43 Resp: 883

Ion Ratio Lower Upper

43 100

58 200.1 30.4 45.6#

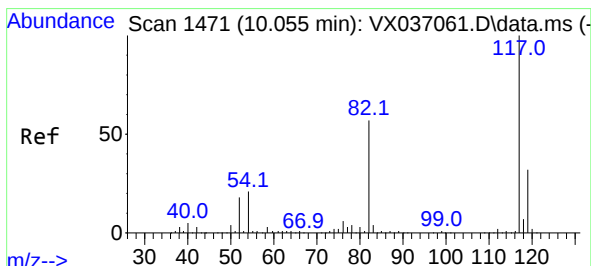
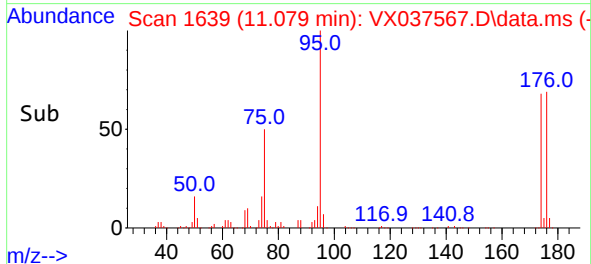
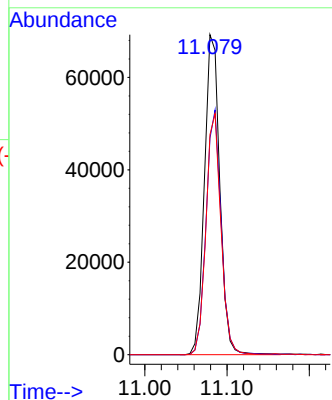
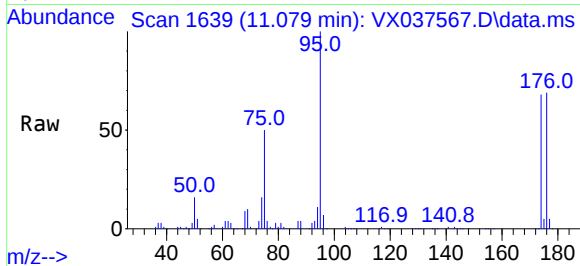




#62
4-Bromofluorobenzene
Concen: 44.317 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

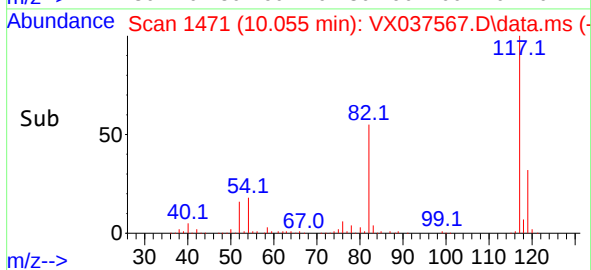
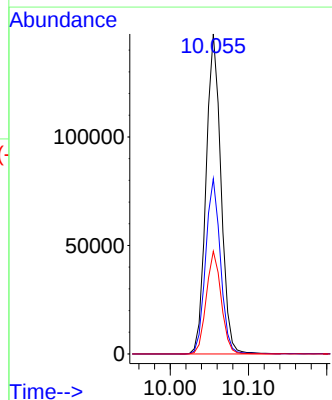
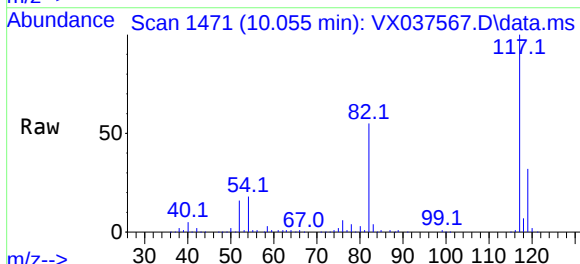
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-76.5-090523

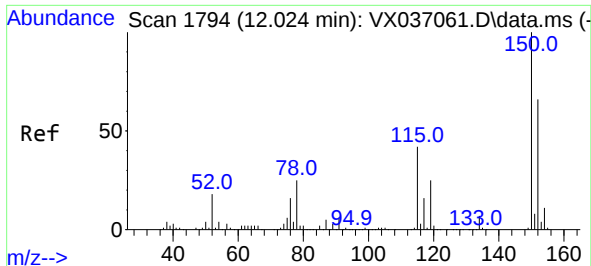
Tgt Ion: 95 Resp: 89981
Ion Ratio Lower Upper
95 100
174 74.9 0.0 135.6
176 73.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Tgt Ion: 117 Resp: 194331
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.1 25.5 38.3

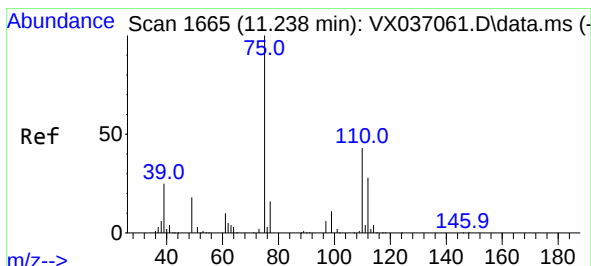
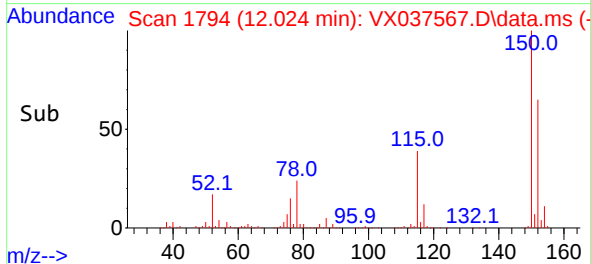
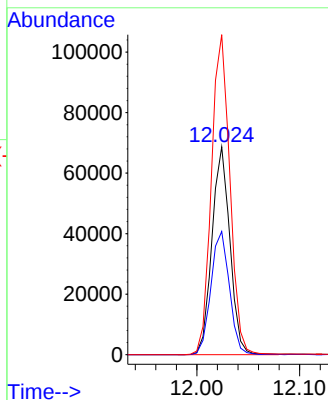
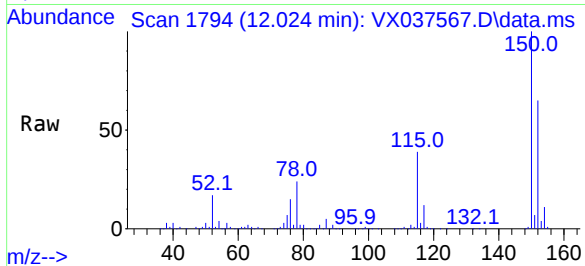




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

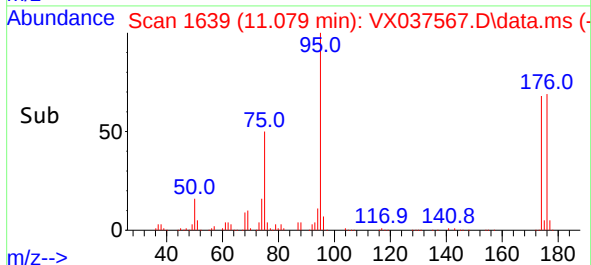
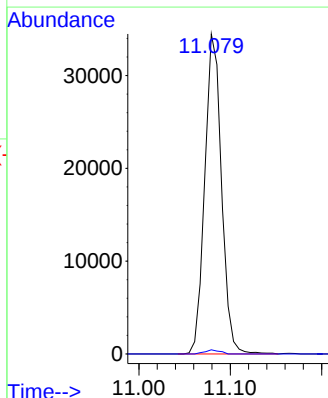
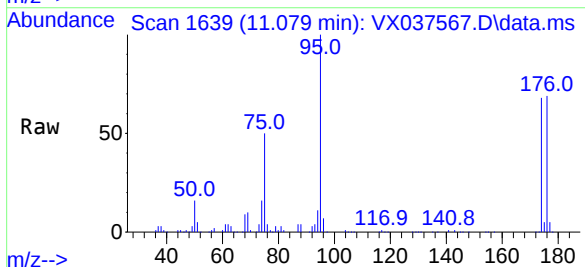
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-76.5-090523

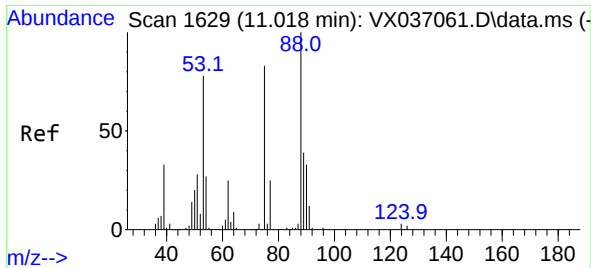
Tgt Ion:152 Resp: 83342
Ion Ratio Lower Upper
152 100
115 61.2 43.3 129.9
150 159.2 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.639 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Tgt Ion: 75 Resp: 43732
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.818 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-76.5-090523

Tgt Ion: 75 Resp: 43732
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

