

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)

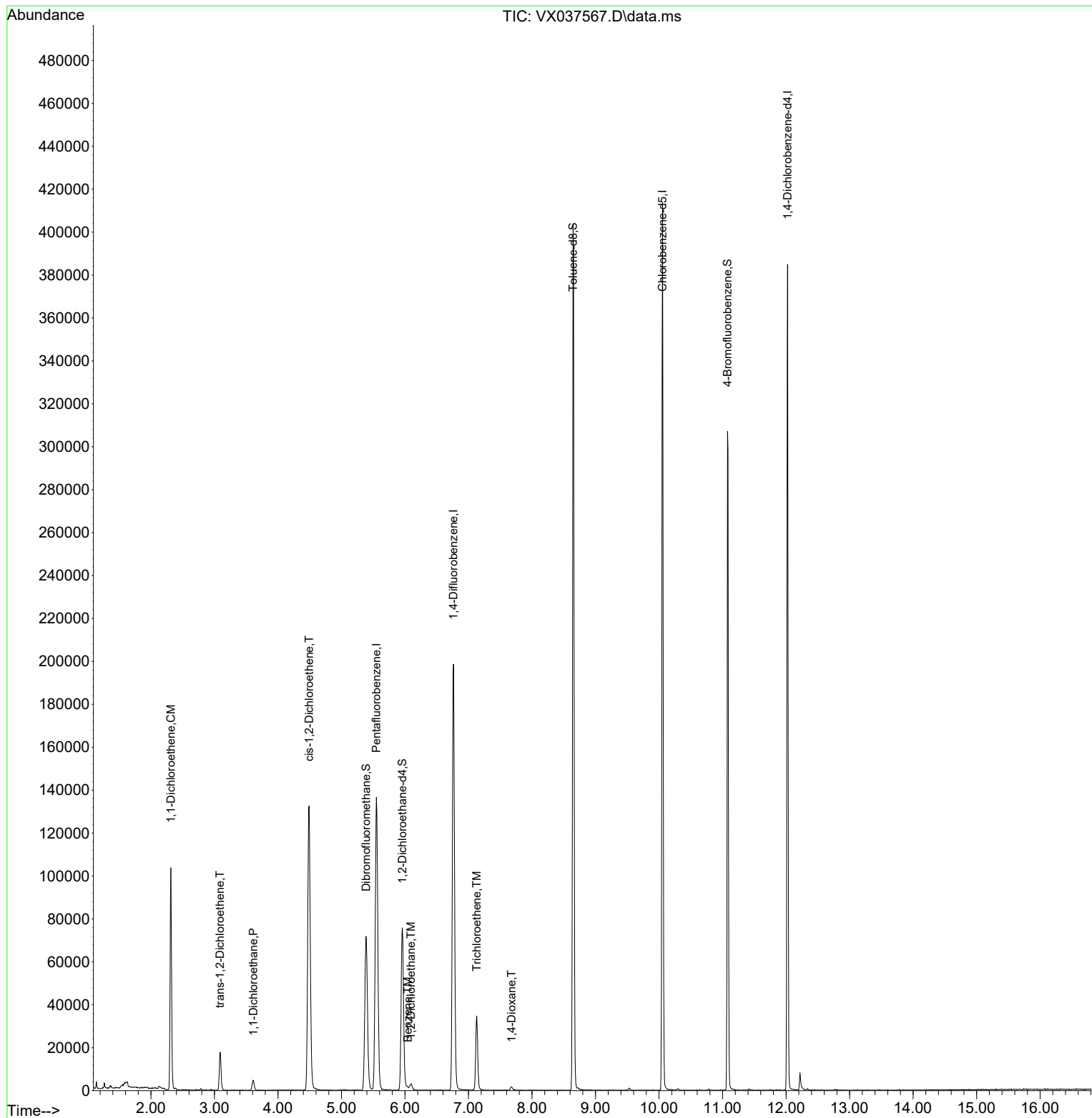
Internal Standards						
1) Pentafluorobenzene	5.550	168	129709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
12) 1,1-Dichloroethene	2.313	96	35959	26.931	ug/l	82
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
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

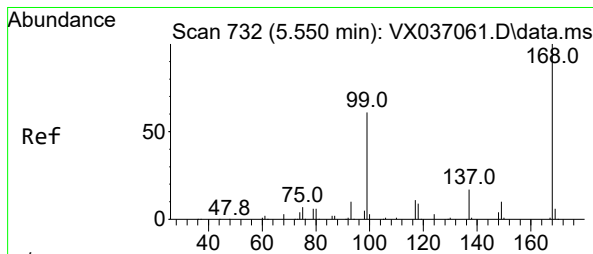
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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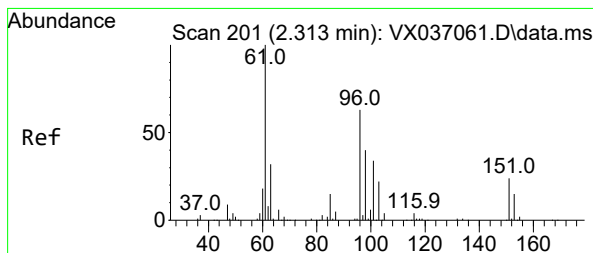
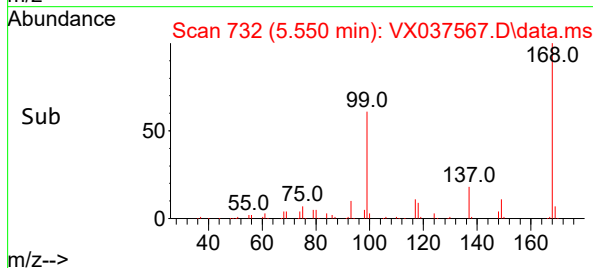
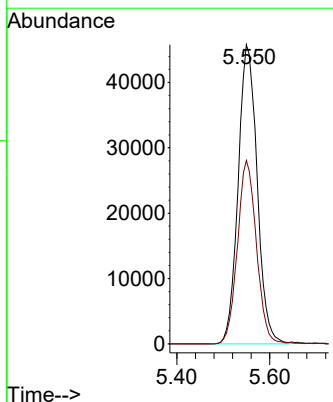
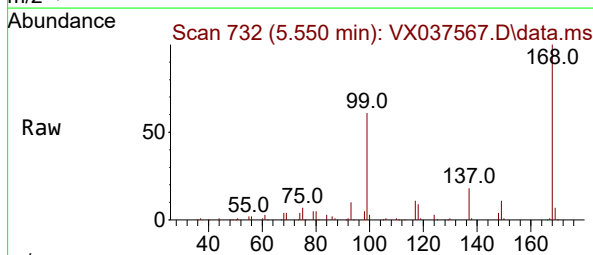




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

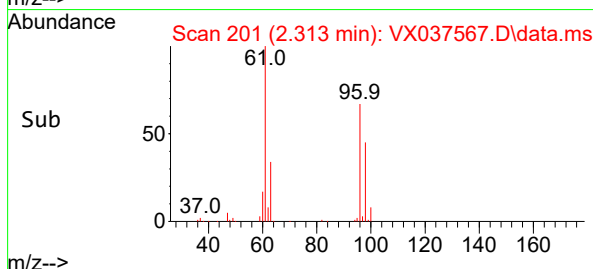
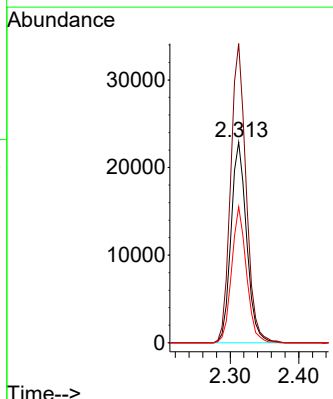
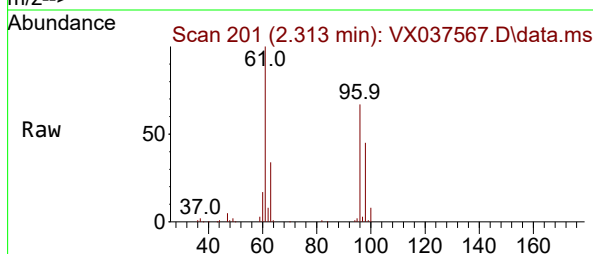
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-76.5-090523

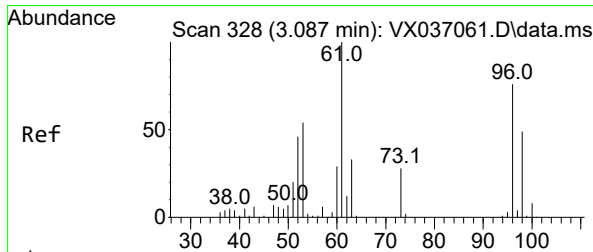
Tgt Ion:168 Resp: 129709
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#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

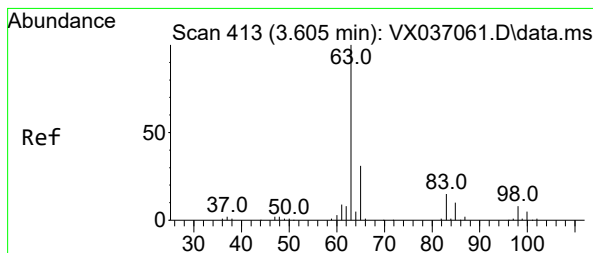
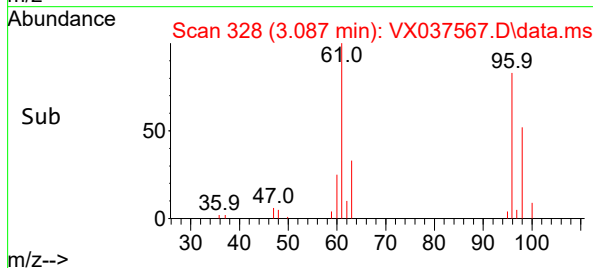
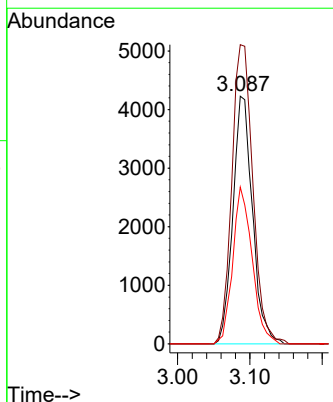
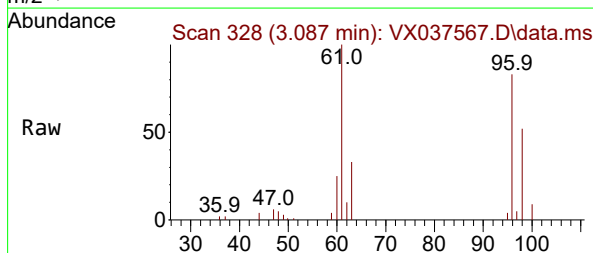




#21
trans-1,2-Dichloroethene
Concen: 5.240 ug/l
RT: 3.087 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

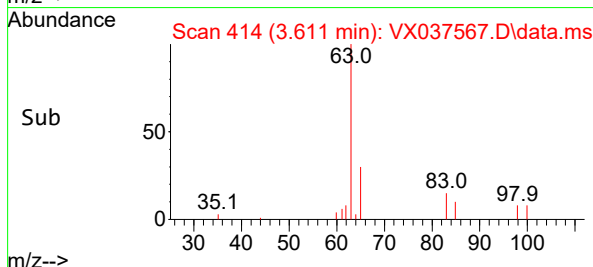
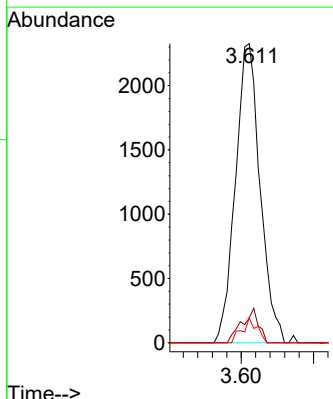
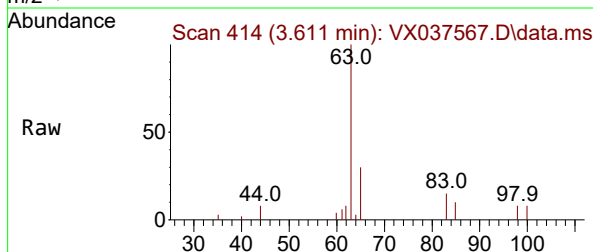
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-76.5-090523

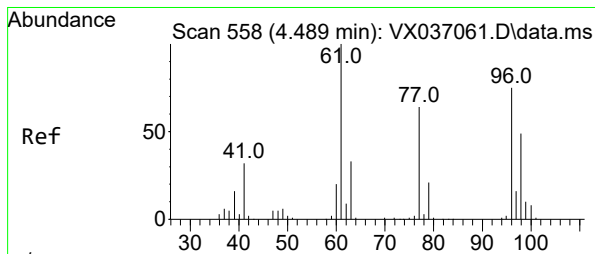
Tgt Ion: 96 Resp: 7953
Ion Ratio Lower Upper
96 100
61 120.8 119.2 178.8
98 63.3 48.7 73.1



#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#



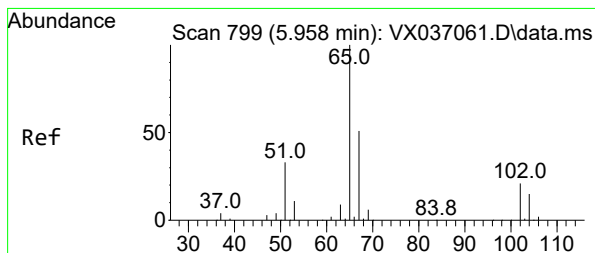
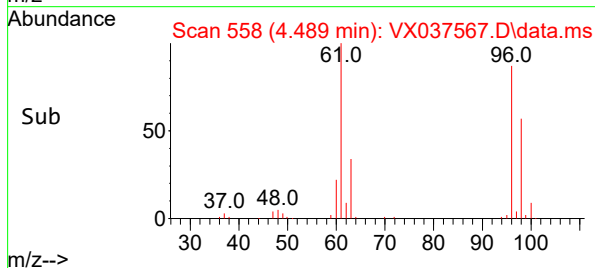
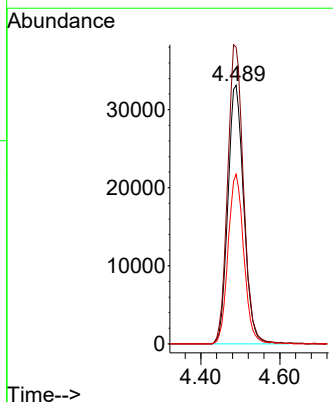
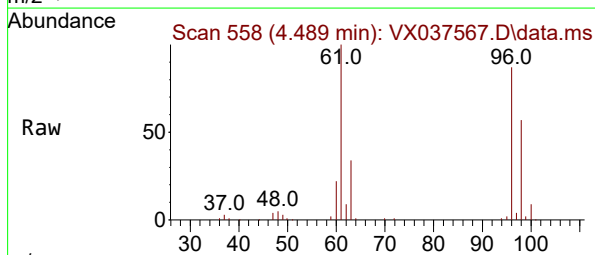


#27
 cis-1,2-Dichloroethene
 Concen: 51.872 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX037567.D
 Acq: 06 Sep 2023 20:21

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

Tgt Ion: 96 Resp: 92819

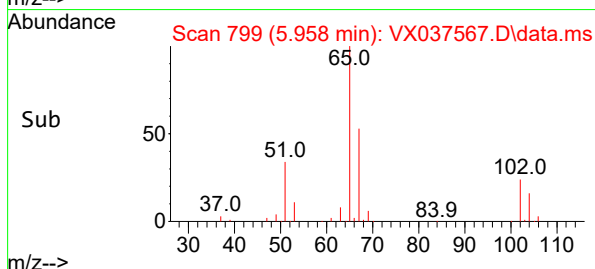
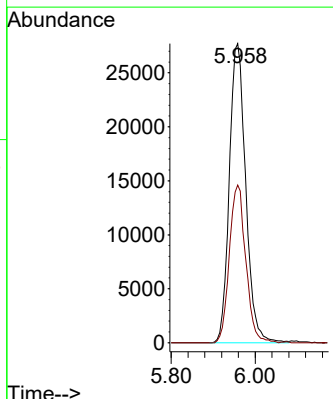
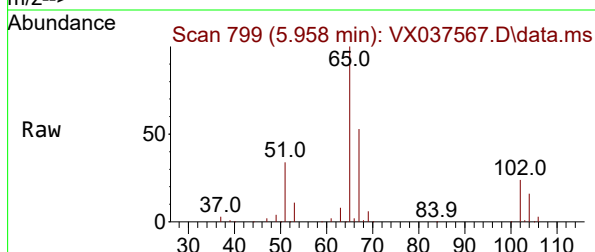
Ion	Ratio	Lower	Upper
96	100		
61	115.4	0.0	312.2
98	64.9	0.0	129.0

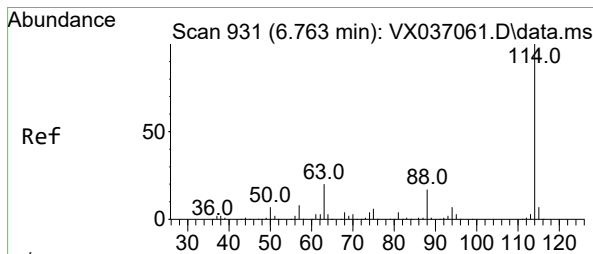


#33
 1,2-Dichloroethane-d4
 Concen: 40.103 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037567.D
 Acq: 06 Sep 2023 20:21

Tgt Ion: 65 Resp: 74992

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	100.2

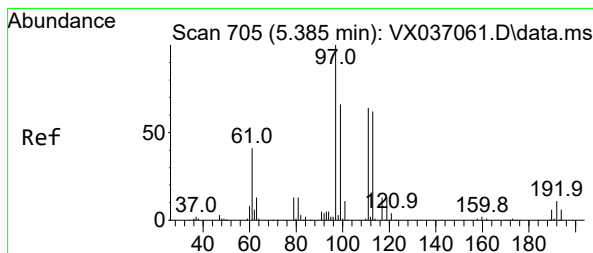
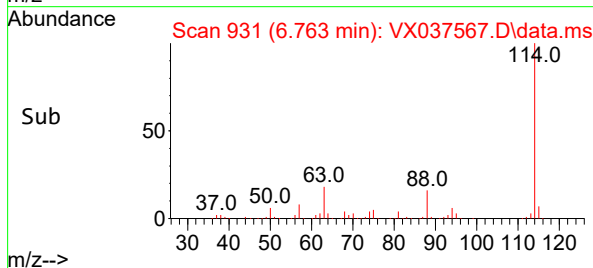
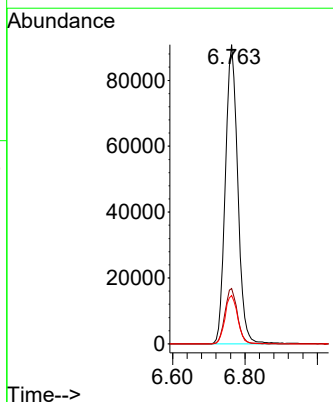
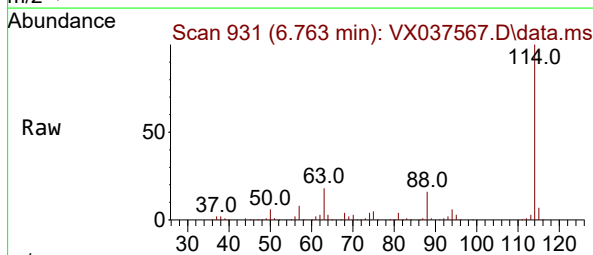




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037567.D
 Acq: 06 Sep 2023 20:21

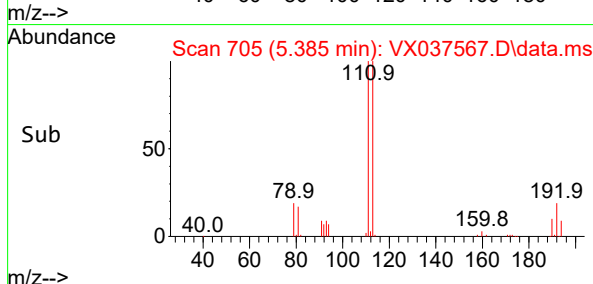
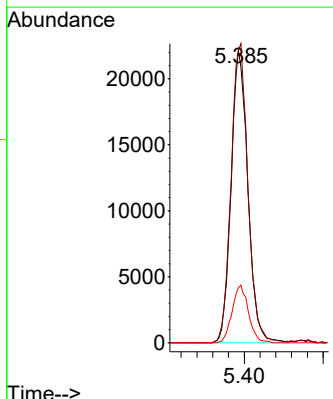
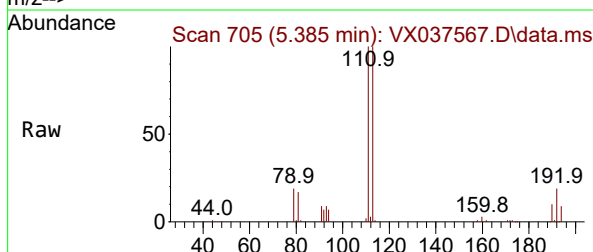
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-06B-76.5-090523

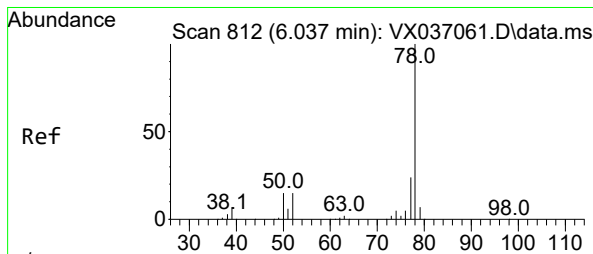
Tgt Ion:114 Resp: 215068
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 45.0
 88 16.1 0.0 36.6



#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





#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 :

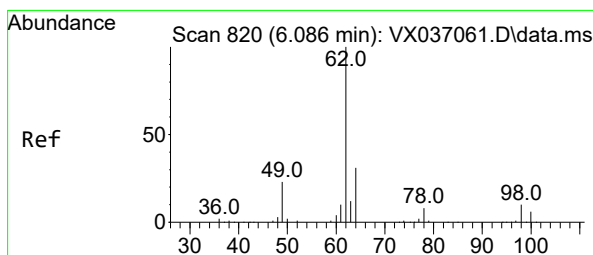
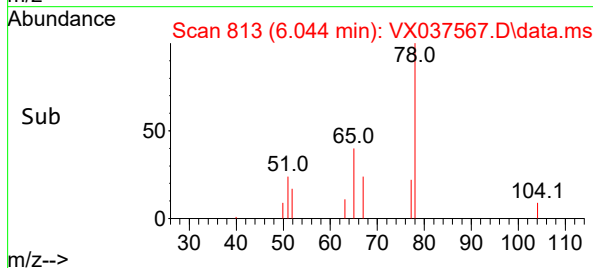
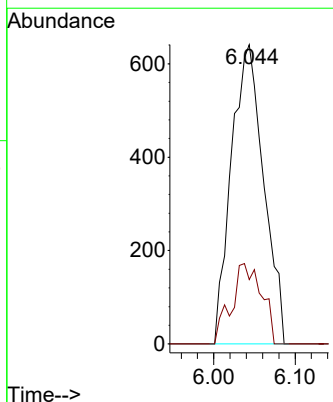
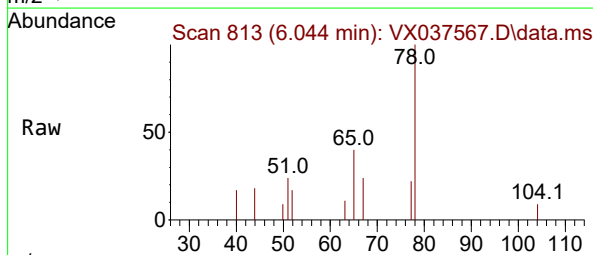
OW-06B-76.5-090523

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

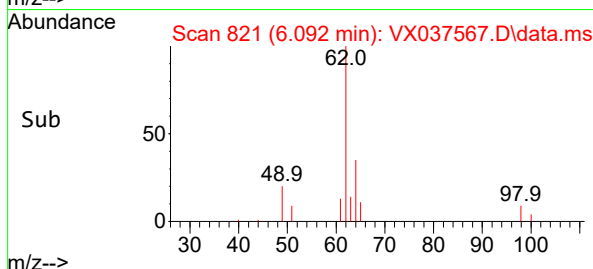
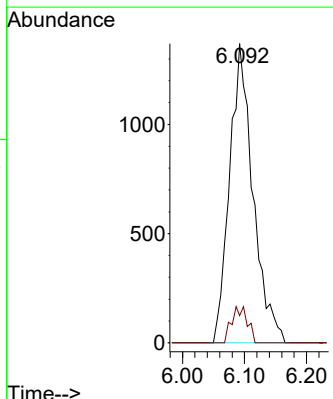
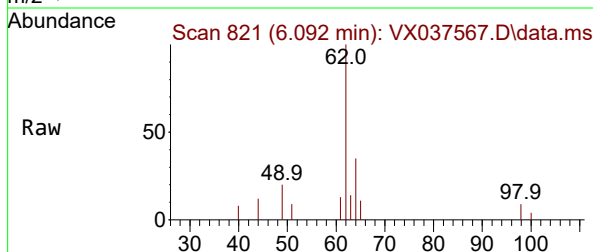
Acq: 06 Sep 2023 20:21

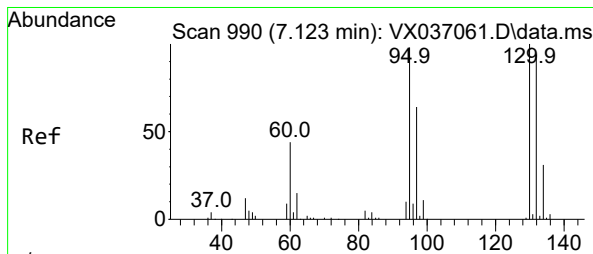
Tgt Ion: 62 Resp: 3588

Ion Ratio Lower Upper

62 100

98 8.1 0.0 16.0

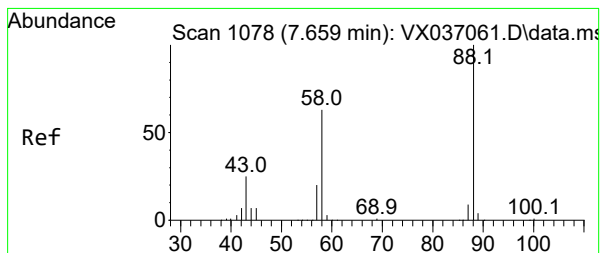
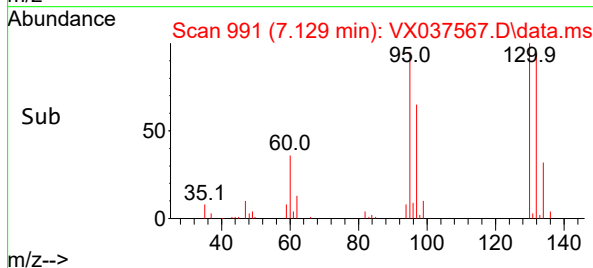
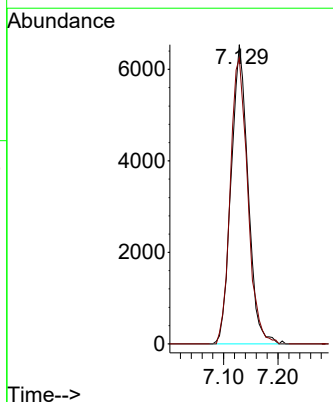
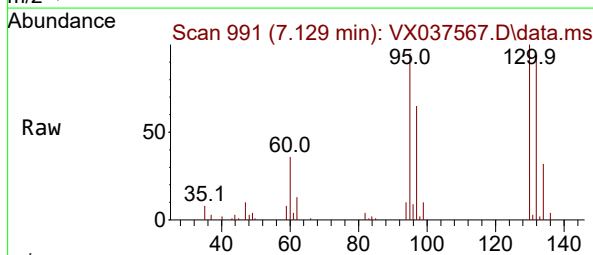




#44
Trichloroethene
Concen: 8.604 ug/l
RT: 7.129 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

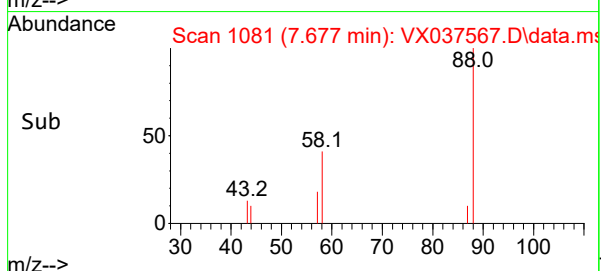
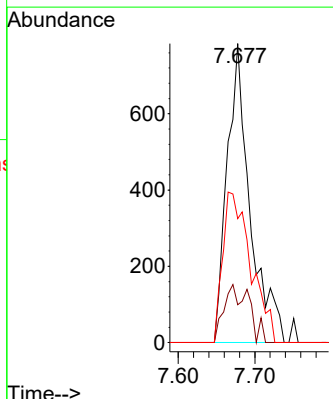
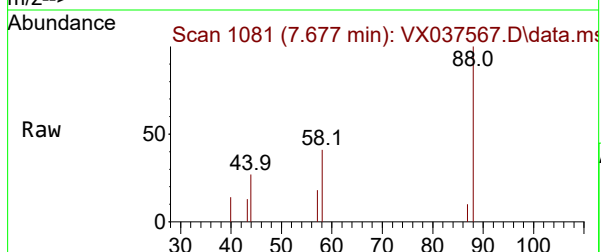
Instrument :
MSVOA_X
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OW-06B-76.5-090523

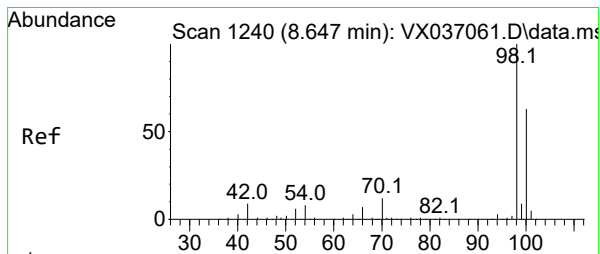
Tgt Ion:130 Resp: 14160
Ion Ratio Lower Upper
130 100
95 95.5 0.0 204.4



#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

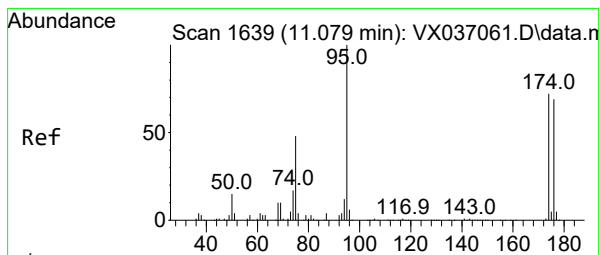
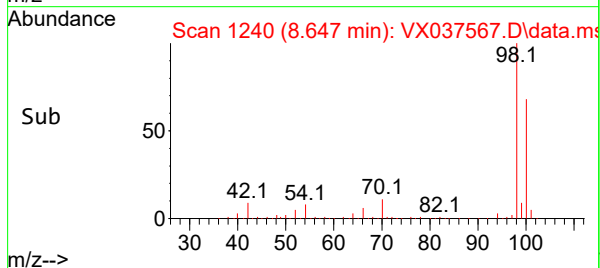
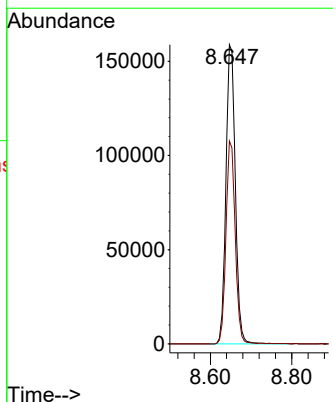
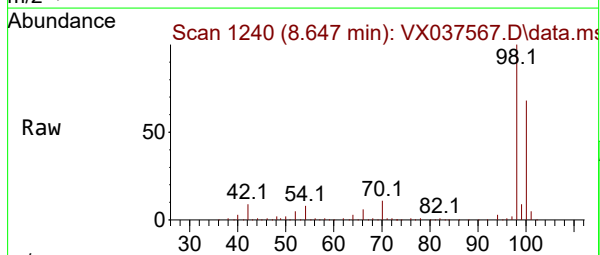




#50
Toluene-d8
Concen: 48.943 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

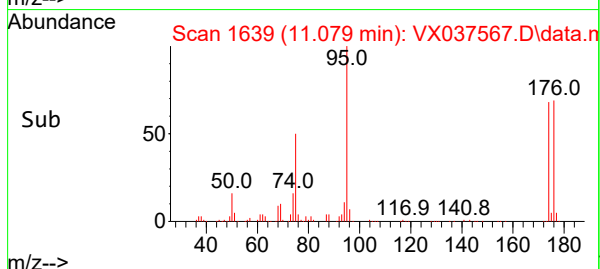
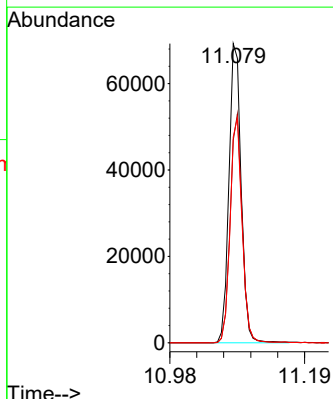
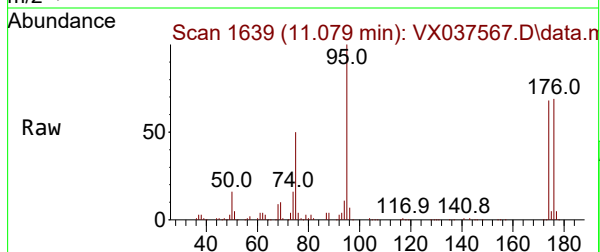
Instrument :
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OW-06B-76.5-090523

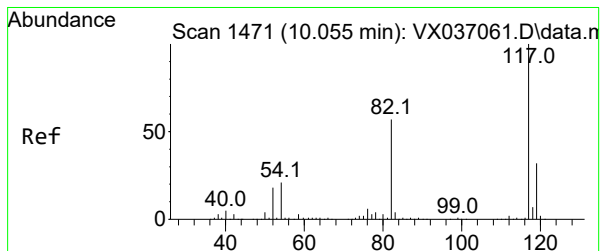
Tgt Ion: 98 Resp: 252870
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#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

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

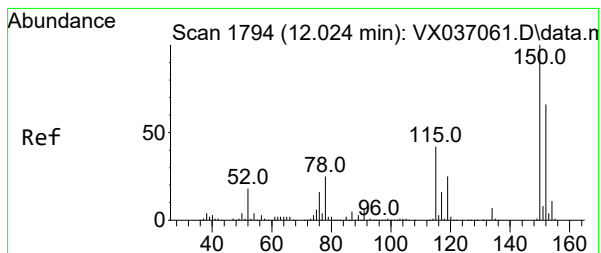
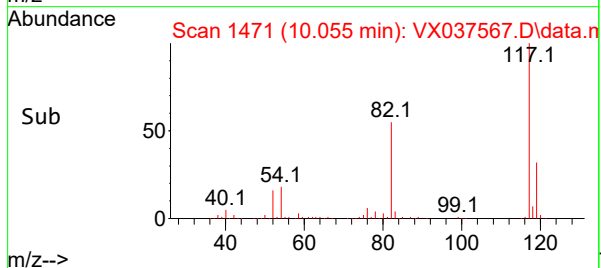
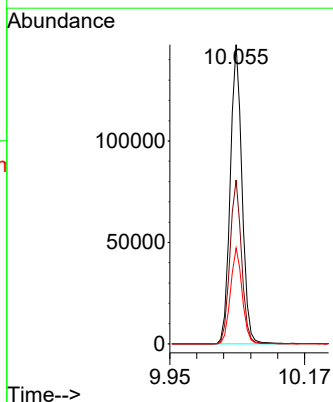
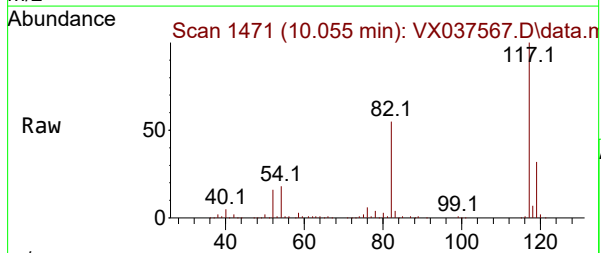




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

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

Tgt Ion: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# 1794
Delta R.T. 0.000 min
Lab File: VX037567.D
Acq: 06 Sep 2023 20:21

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

