

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037384.D
 Acq On : 30 Aug 2023 13:15
 Operator : JC/MD
 Sample : 04150-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 31 02:22:23 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)

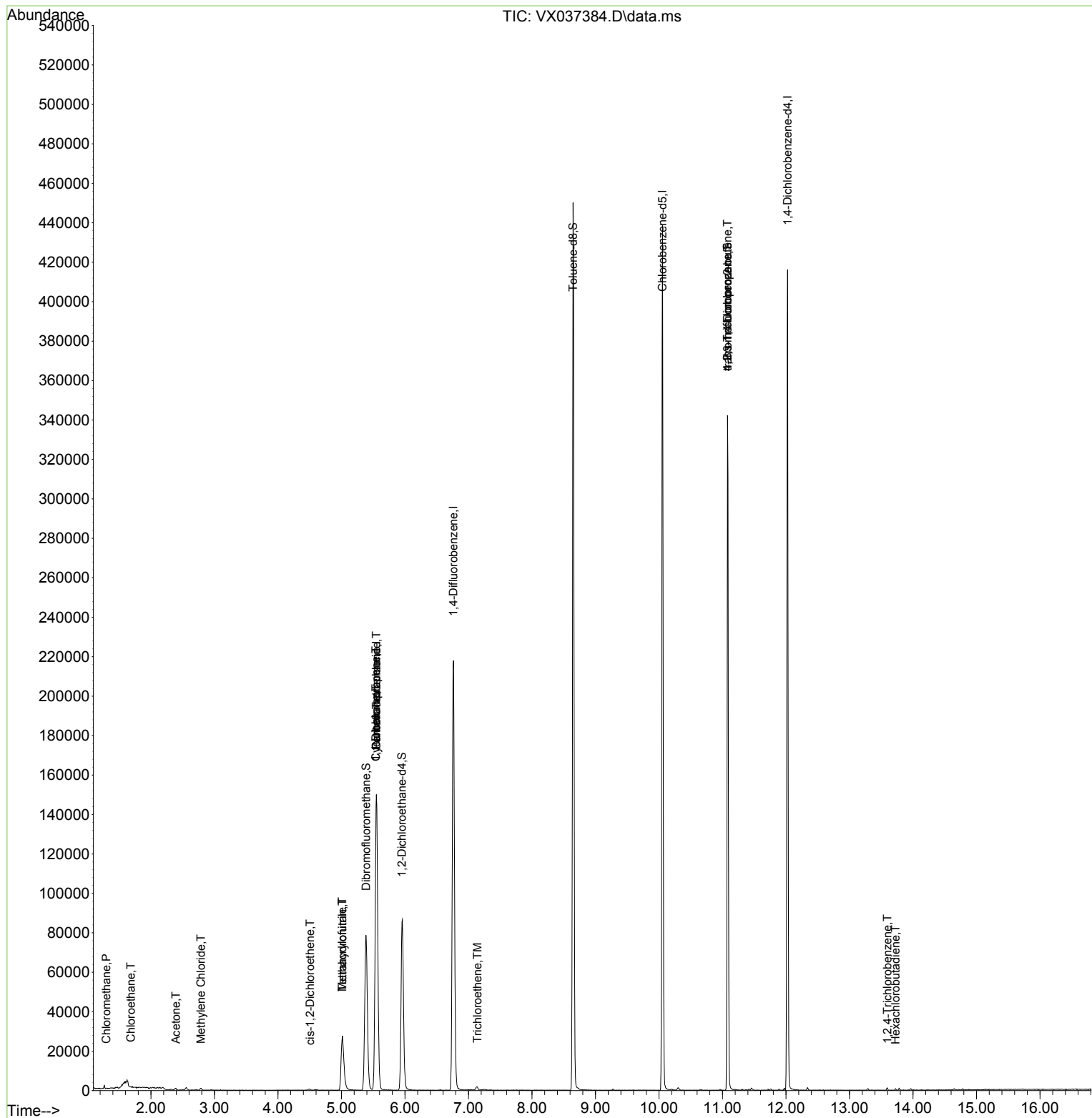
Internal Standards						
1) Pentafluorobenzene	5.550	168	143010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86767	42.084	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.160%
35) Dibromofluoromethane	5.385	113	70398	45.247	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.500%
50) Toluene-d8	8.647	98	273334	48.432	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.860%
62) 4-Bromofluorobenzene	11.079	95	97437	43.932	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	493	0.339	ug/l #	43
6) Chloroethane	1.685	64	367	0.394	ug/l #	43
16) Acetone	2.392	43	990	1.227	ug/l #	60
20) Methylene Chloride	2.788	84	598	0.332	ug/l #	70
27) cis-1,2-Dichloroethene	4.507	96	430	0.218	ug/l #	55
29) Tetrahydrofuran	5.013	42	25240	32.589	ug/l #	84
31) Cyclohexane	5.544	56	2682	1.157	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10979	4.967	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14955	6.228	ug/l #	14
41) Methacrylonitrile	5.013	41	14406	12.273	ug/l #	47
44) Trichloroethene	7.141	130	747	0.416	ug/l	76
76) 1,2,3-Trichloropropane	11.079	75	47998	25.145	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47998	70.231	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	414	0.243	ug/l	87
94) Hexachlorobutadiene	13.725	225	224	0.340	ug/l	71

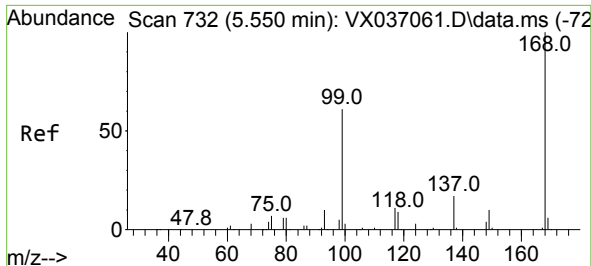
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
Data File : VX037384.D
Acq On : 30 Aug 2023 13:15
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Sample : 04150-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

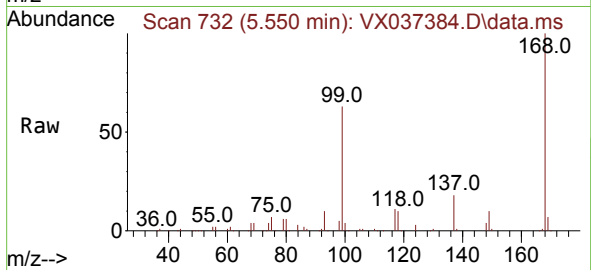
Quant Time: Aug 31 02:22:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



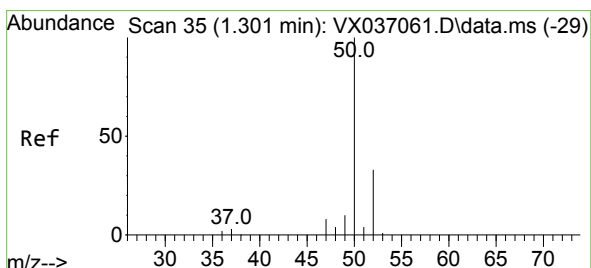
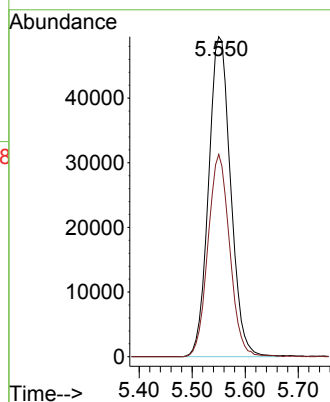
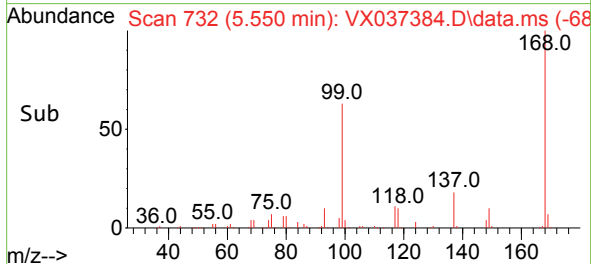


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :

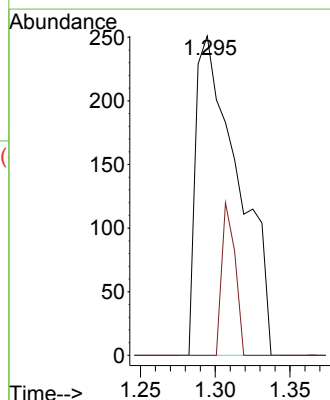
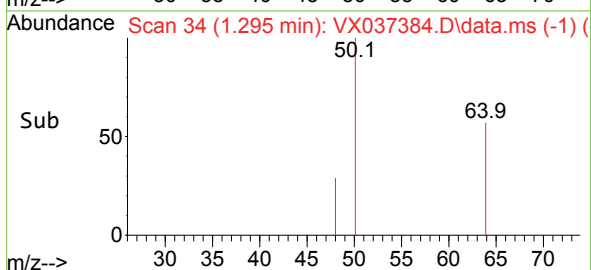
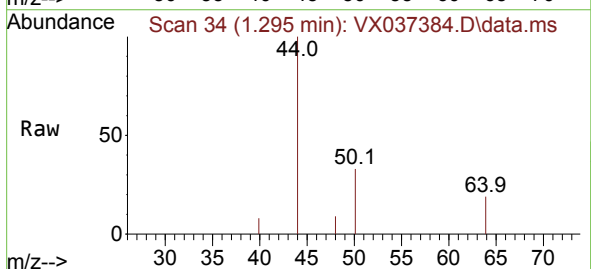


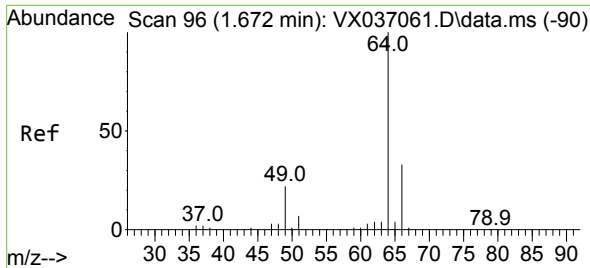
Tgt Ion:168 Resp: 143010
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#3
Chloromethane
Concen: 0.339 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

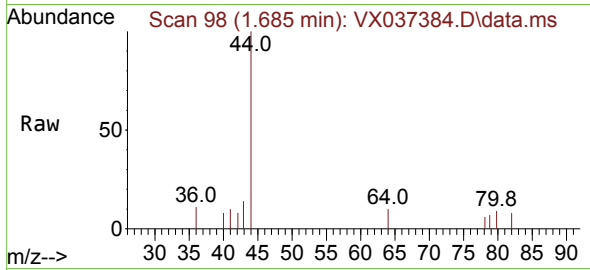
Tgt Ion: 50 Resp: 493
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



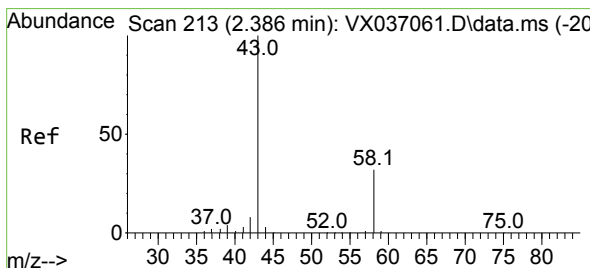
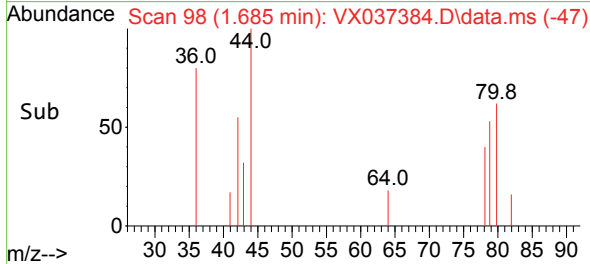
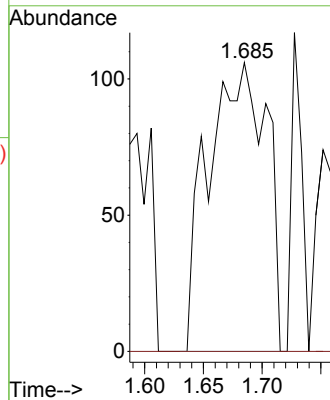


#6
Chloroethane
Concen: 0.394 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :

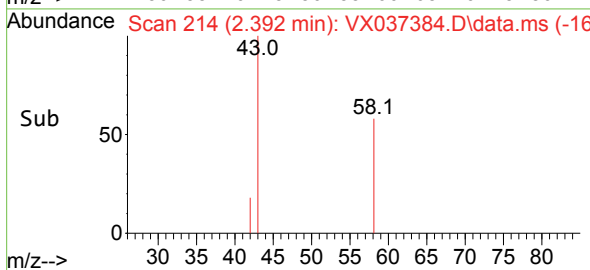
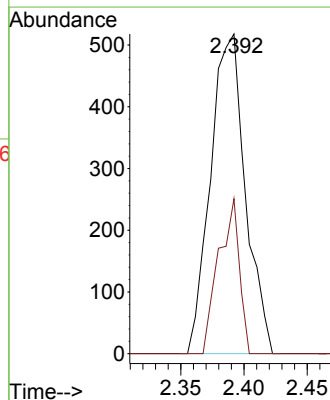
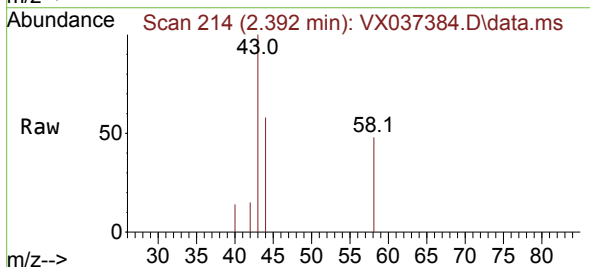


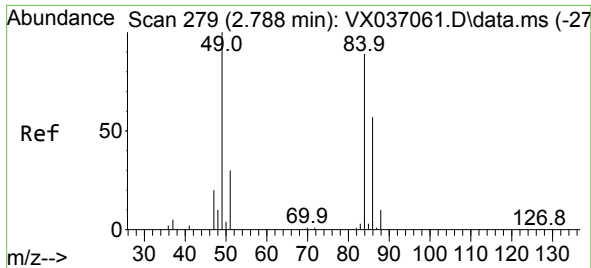
Tgt Ion: 64 Resp: 367
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.227 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

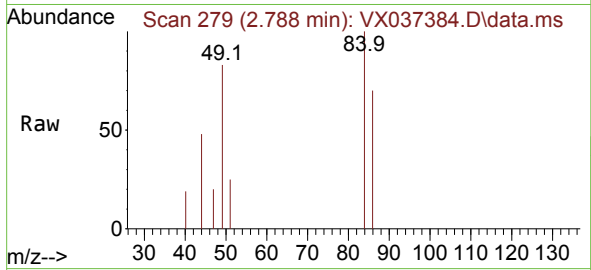
Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
58 48.5 21.9 32.9#



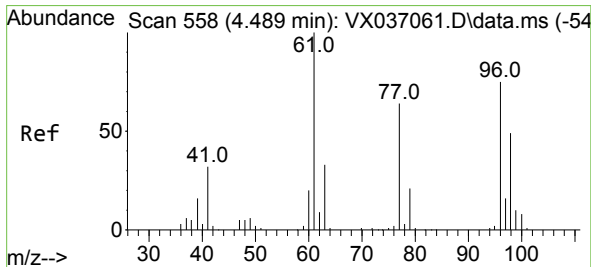
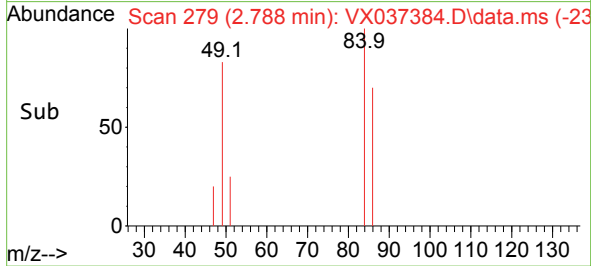
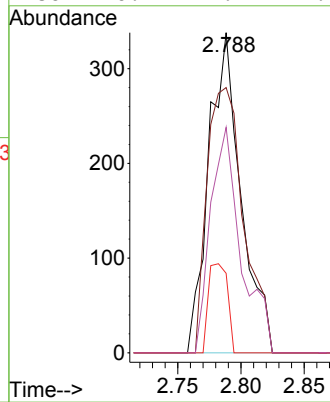


#20
Methylene Chloride
Concen: 0.332 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :

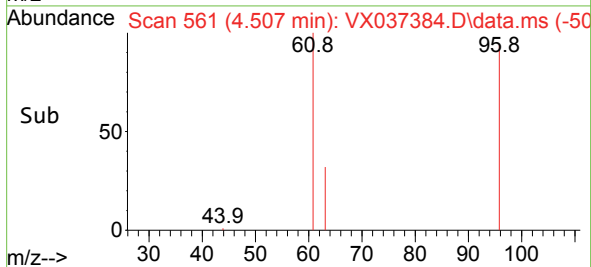
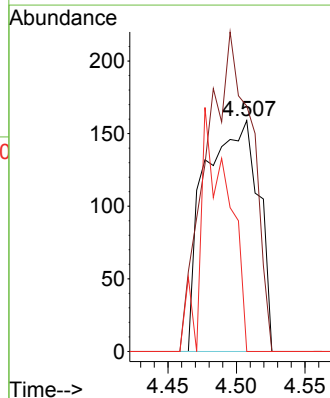
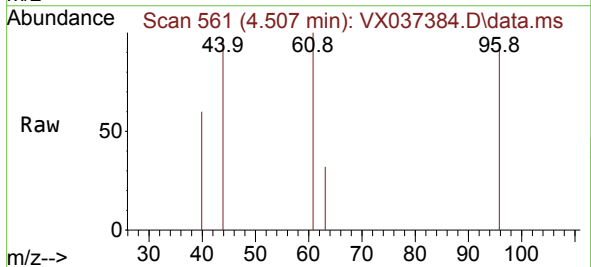


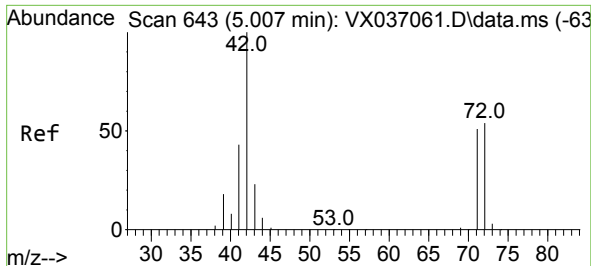
Tgt Ion:	84	Resp:	598
Ion	Ratio	Lower	Upper
84	100		
49	82.8	103.6	155.4#
51	24.9	33.8	50.6#
86	70.4	49.4	74.0



#27
cis-1,2-Dichloroethene
Concen: 0.218 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.019 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

Tgt Ion:	96	Resp:	430
Ion	Ratio	Lower	Upper
96	100		
61	118.1	0.0	312.2
98	0.0	0.0	129.0





#29

Tetrahydrofuran

Concen: 32.589 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX037384.D

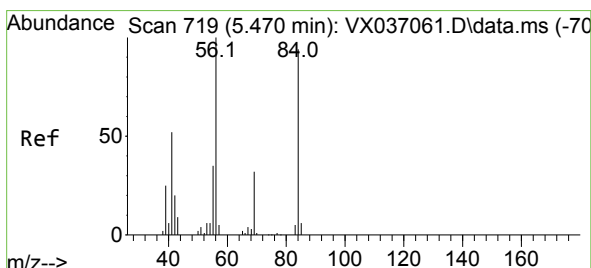
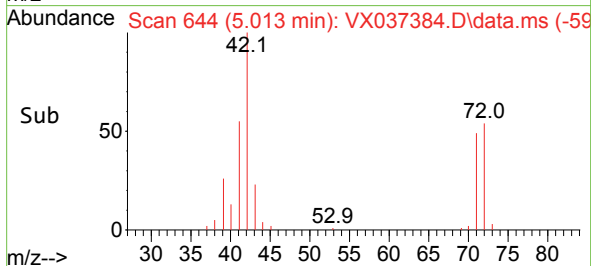
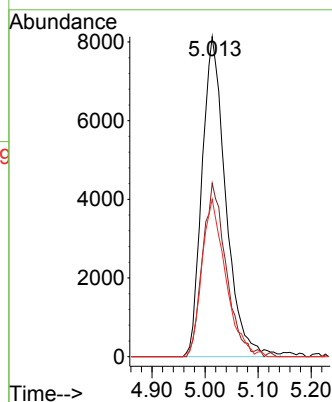
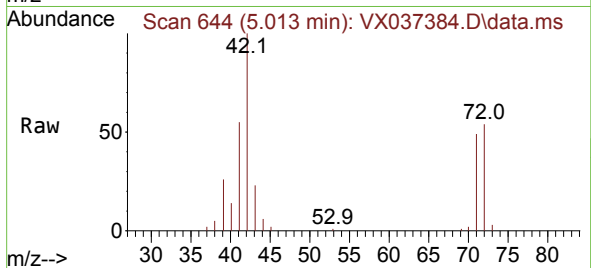
Acq: 30 Aug 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	25240
Ion	Ratio	Lower	Upper
42	100		
72	53.9	34.2	51.4#
71	49.4	32.2	48.2#



#31

Cyclohexane

Concen: 1.157 ug/l

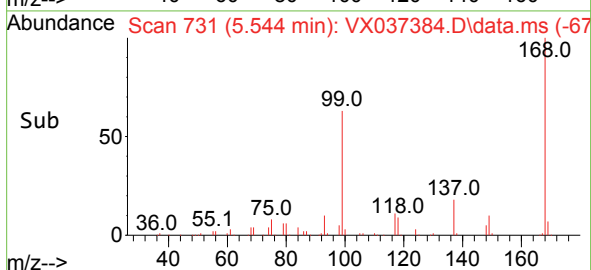
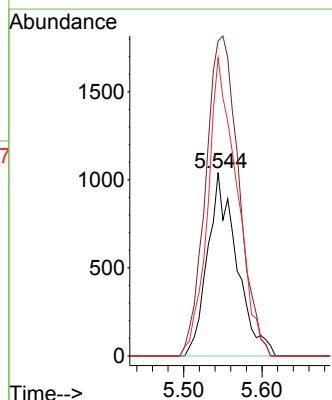
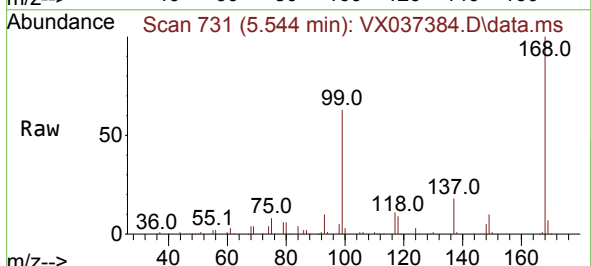
RT: 5.544 min Scan# 731

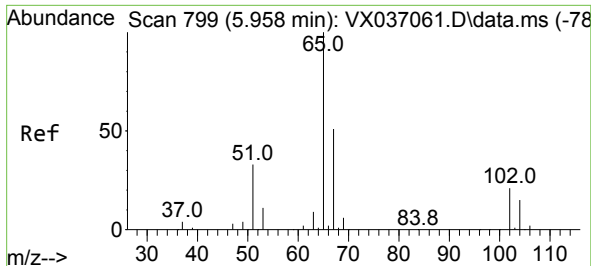
Delta R.T. 0.073 min

Lab File: VX037384.D

Acq: 30 Aug 2023 13:15

Tgt Ion:	56	Resp:	2682
Ion	Ratio	Lower	Upper
56	100		
69	172.0	23.4	35.2#
84	162.5	65.9	98.9#

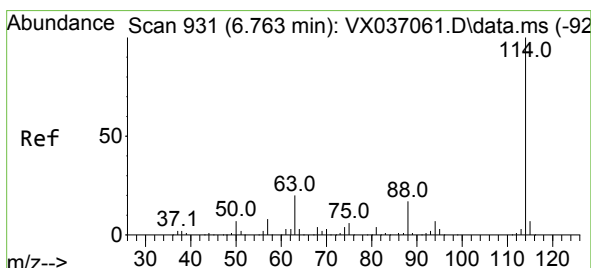
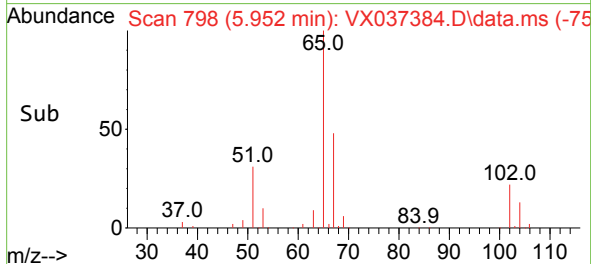
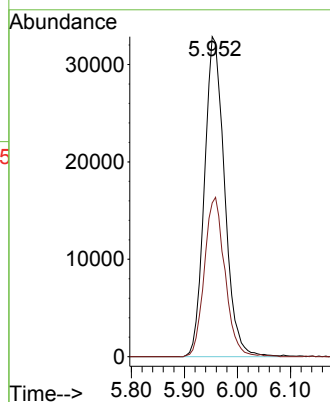
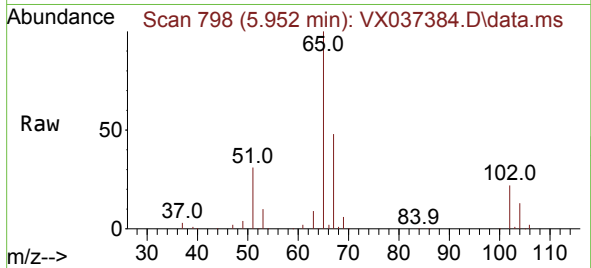




#33
 1,2-Dichloroethane-d4
 Concen: 42.084 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX037384.D
 Acq: 30 Aug 2023 13:15

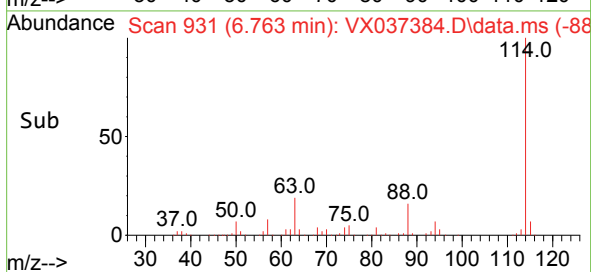
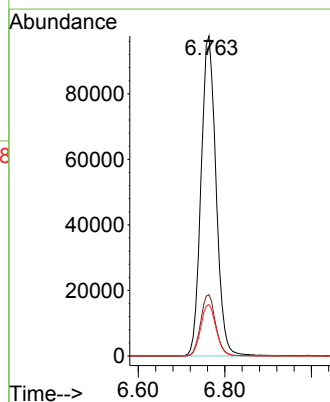
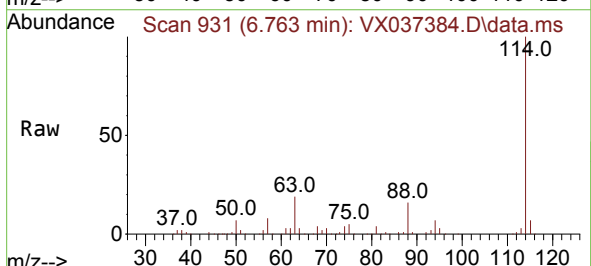
Instrument :
 MSVOA_X
 ClientSampleId :

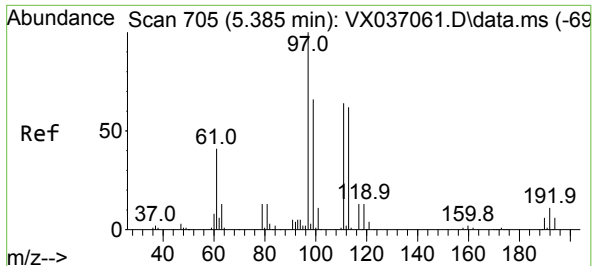
Tgt Ion: 65 Resp: 86767
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037384.D
 Acq: 30 Aug 2023 13:15

Tgt Ion: 114 Resp: 234927
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 45.0
 88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.247 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

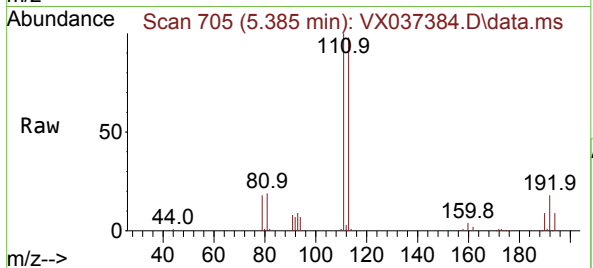
Lab File: VX037384.D

Acq: 30 Aug 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :



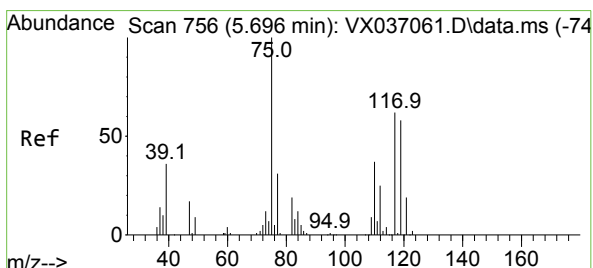
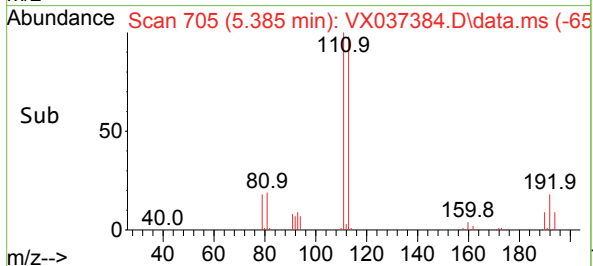
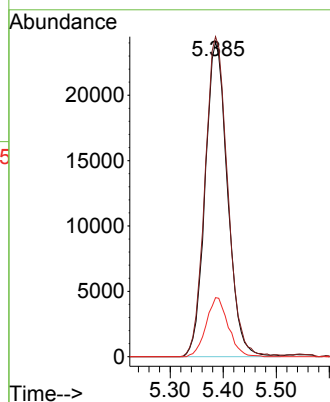
Tgt Ion:113 Resp: 70398

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

192 18.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.967 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX037384.D

Acq: 30 Aug 2023 13:15

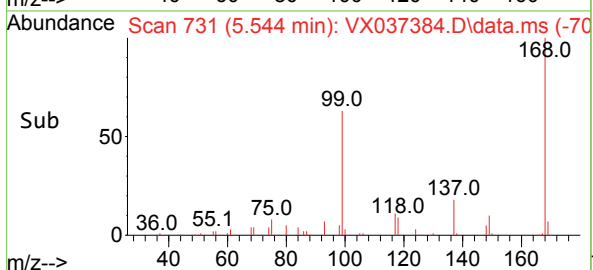
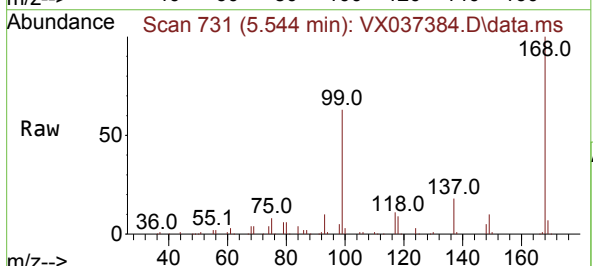
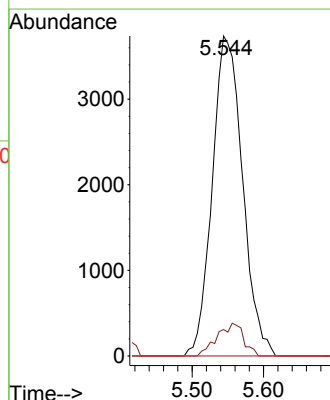
Tgt Ion: 75 Resp: 10979

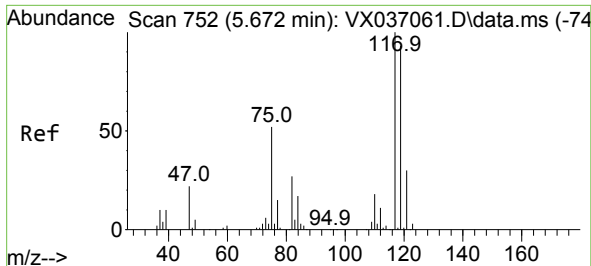
Ion Ratio Lower Upper

75 100

110 8.9 17.0 50.9#

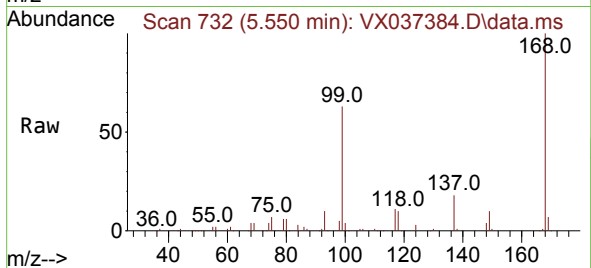
77 0.0 24.7 37.1#



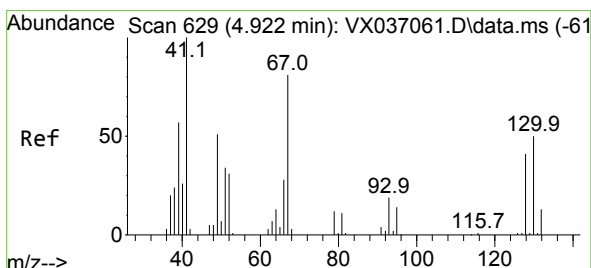
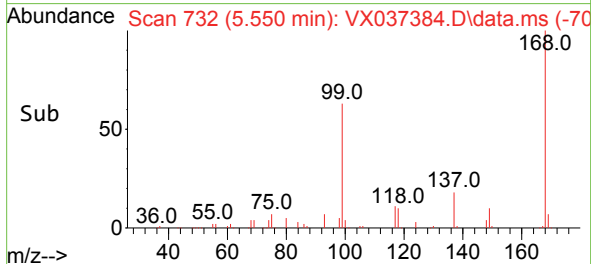
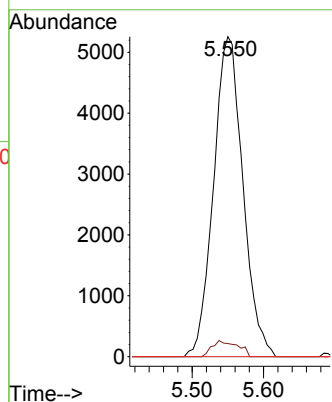


#38
Carbon Tetrachloride
Concen: 6.228 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :

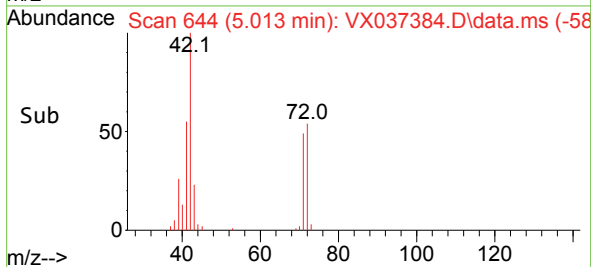
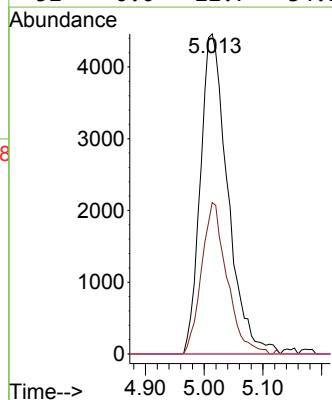
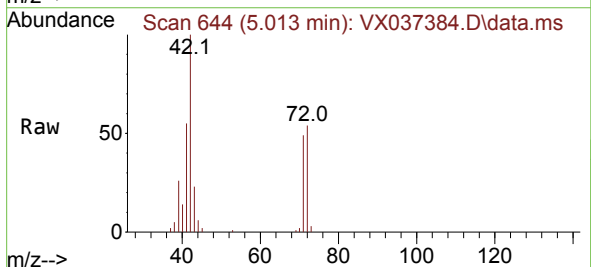


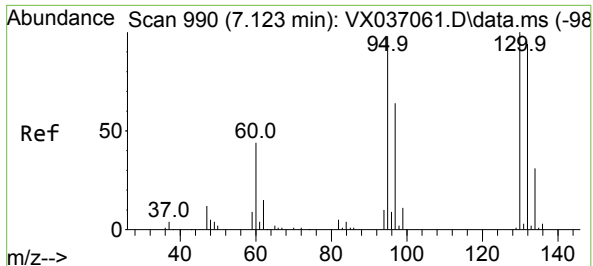
Tgt Ion:117 Resp: 14955
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 12.273 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.092 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

Tgt Ion: 41 Resp: 14406
Ion Ratio Lower Upper
41 100
39 44.1 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

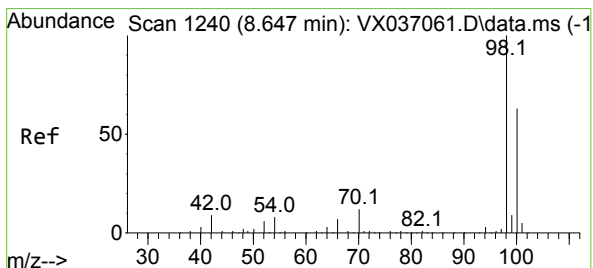
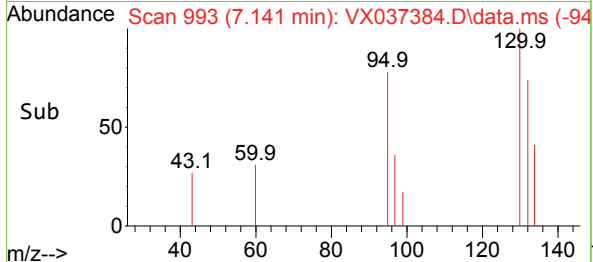
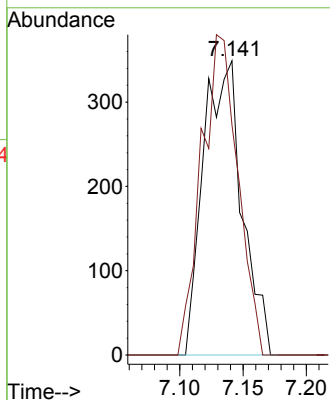
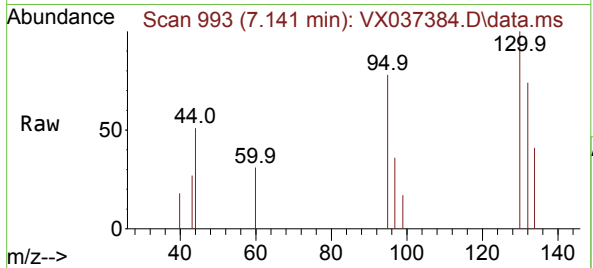




#44
Trichloroethene
Concen: 0.416 ug/l
RT: 7.141 min Scan# 990
Delta R.T. 0.019 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

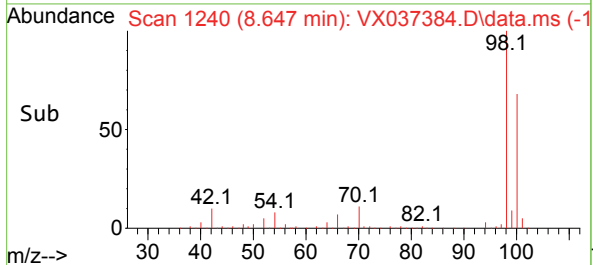
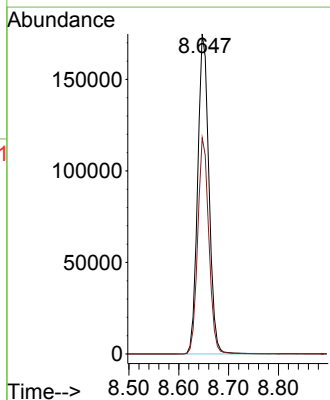
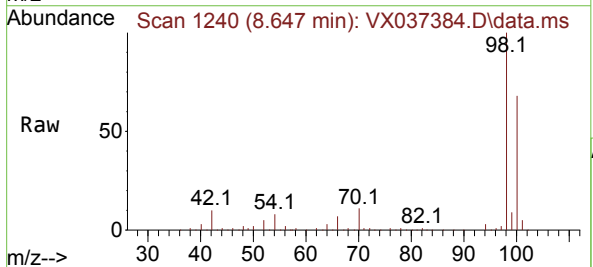
Instrument :
MSVOA_X
ClientSampleId :

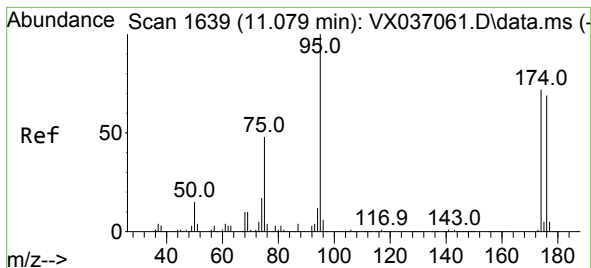
Tgt Ion:130 Resp: 747
Ion Ratio Lower Upper
130 100
95 78.2 0.0 204.4



#50
Toluene-d8
Concen: 48.432 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

Tgt Ion: 98 Resp: 273334
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

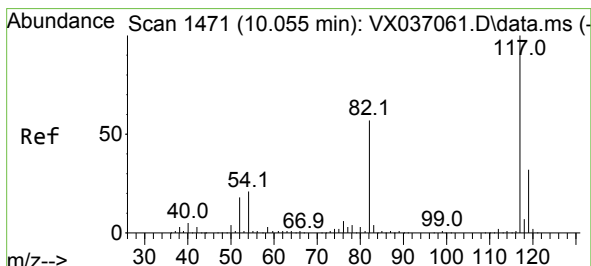
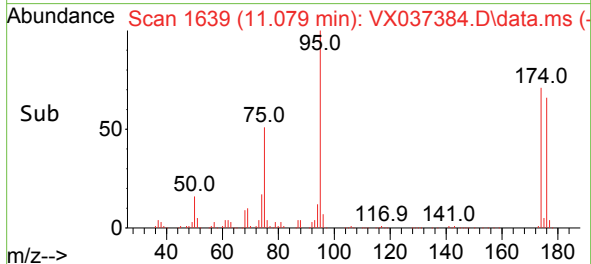
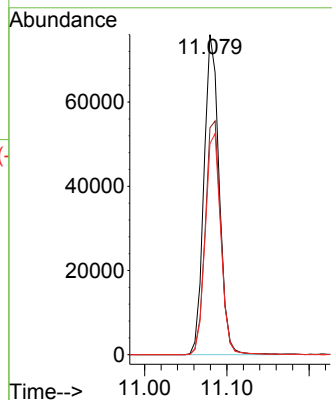
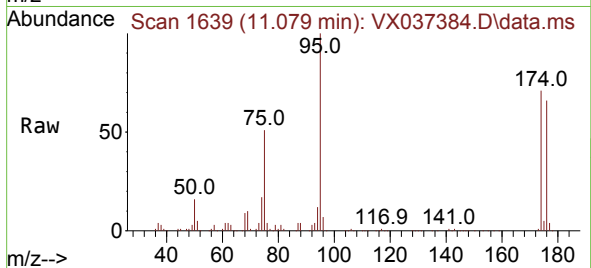




#62
4-Bromofluorobenzene
Concen: 43.932 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

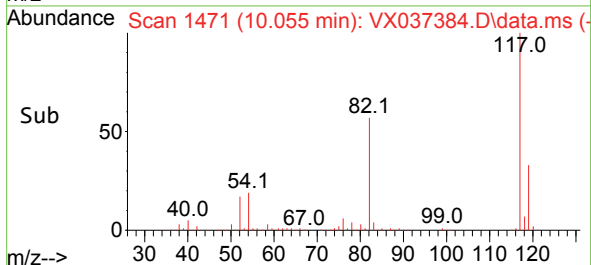
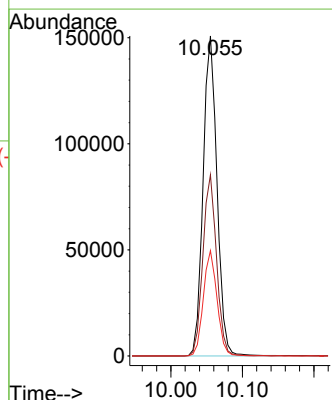
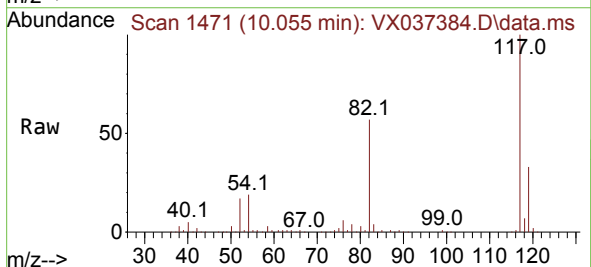
Instrument :
MSVOA_X
ClientSampleId :

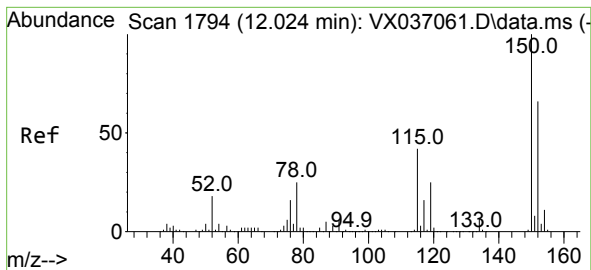
Tgt Ion: 95 Resp: 97437
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

Tgt Ion: 117 Resp: 203431
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037384.D

Acq: 30 Aug 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

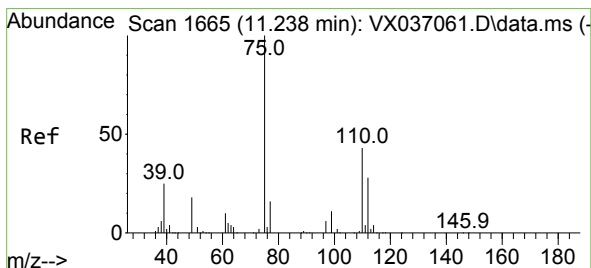
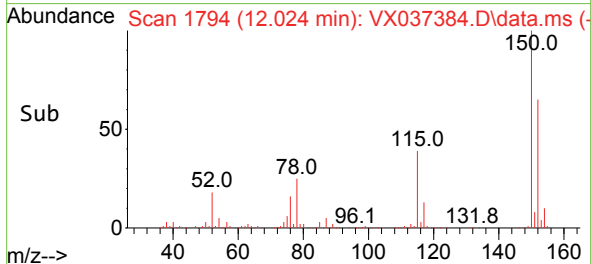
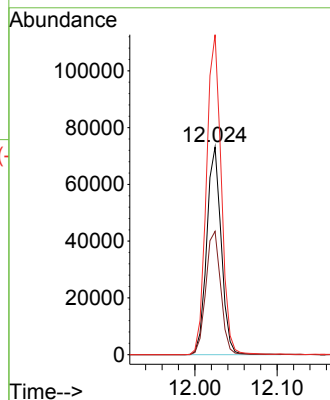
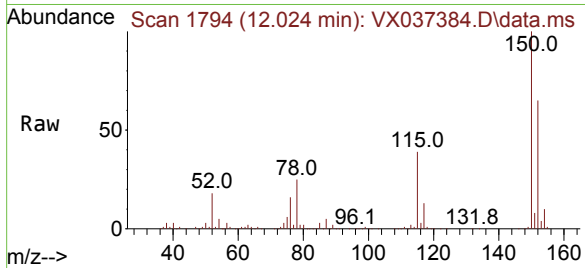
Tgt Ion:152 Resp: 89631

Ion Ratio Lower Upper

152 100

115 61.1 43.3 129.9

150 157.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.145 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037384.D

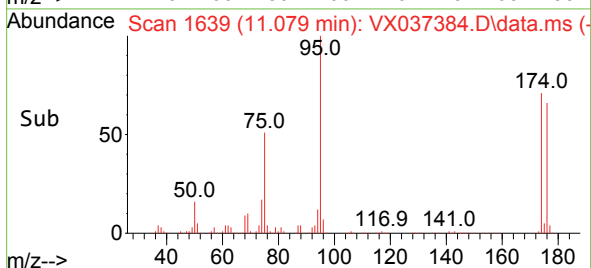
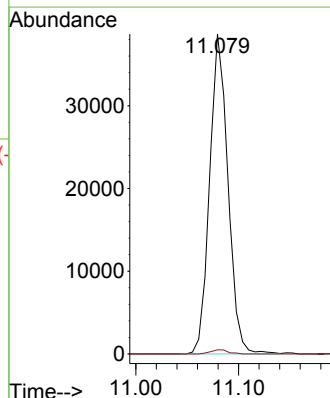
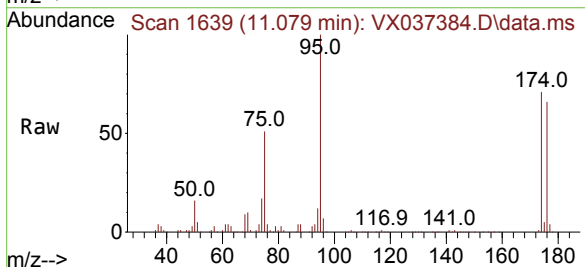
Acq: 30 Aug 2023 13:15

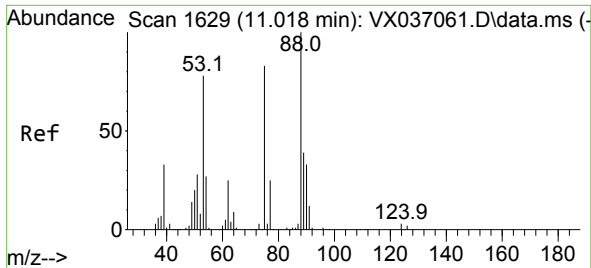
Tgt Ion: 75 Resp: 47998

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

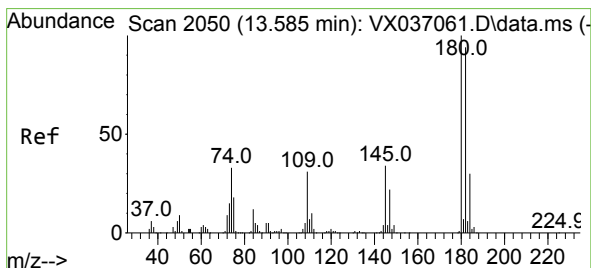
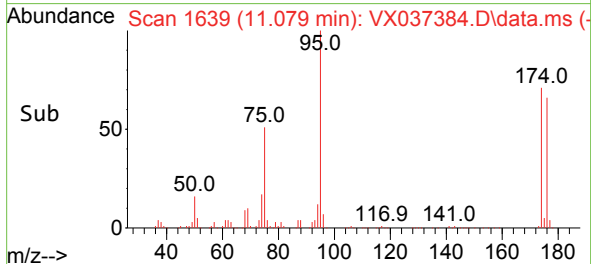
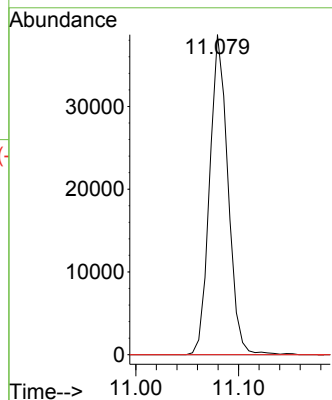
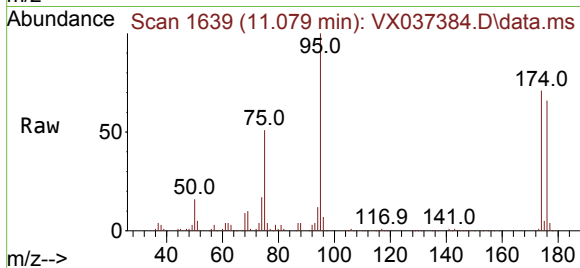




#81
trans-1,4-Dichloro-2-butene
Concen: 70.231 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

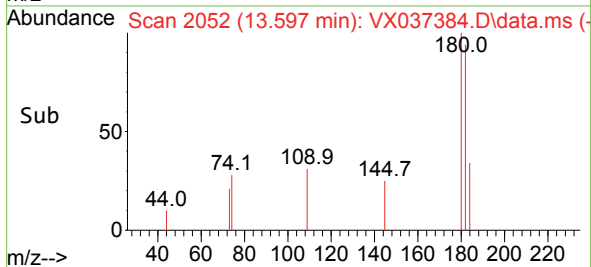
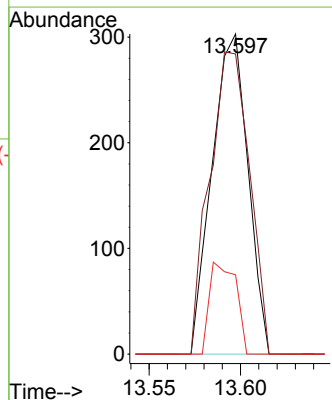
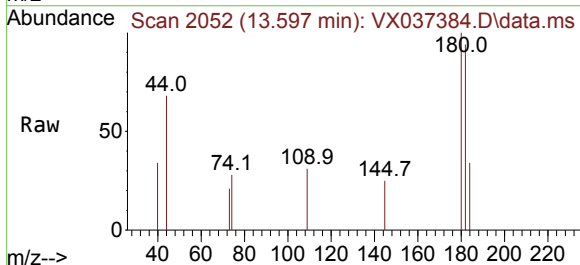
Instrument :
MSVOA_X
ClientSampleId :

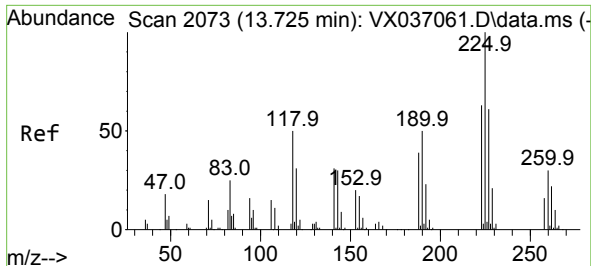
Tgt Ion: 75 Resp: 47998
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.243 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX037384.D
Acq: 30 Aug 2023 13:15

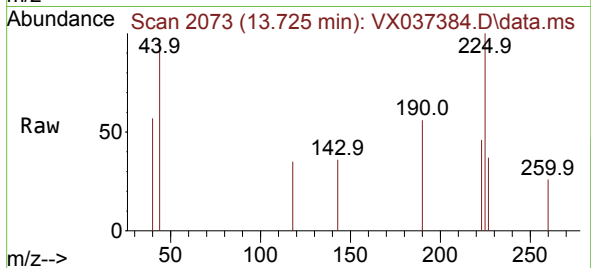
Tgt Ion: 180 Resp: 414
Ion Ratio Lower Upper
180 100
182 104.8 48.3 144.8
145 21.3 18.0 54.0





#94
 Hexachlorobutadiene
 Concen: 0.340 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX037384.D
 Acq: 30 Aug 2023 13:15

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	225	Resp:	224
Ion	Ratio	Lower	Upper
225	100		
223	49.1	31.1	93.2
227	33.5	32.5	97.5

