

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037389.D
 Acq On : 30 Aug 2023 15:17
 Operator : JC/MD
 Sample : 04229-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 31 02:24:14 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)

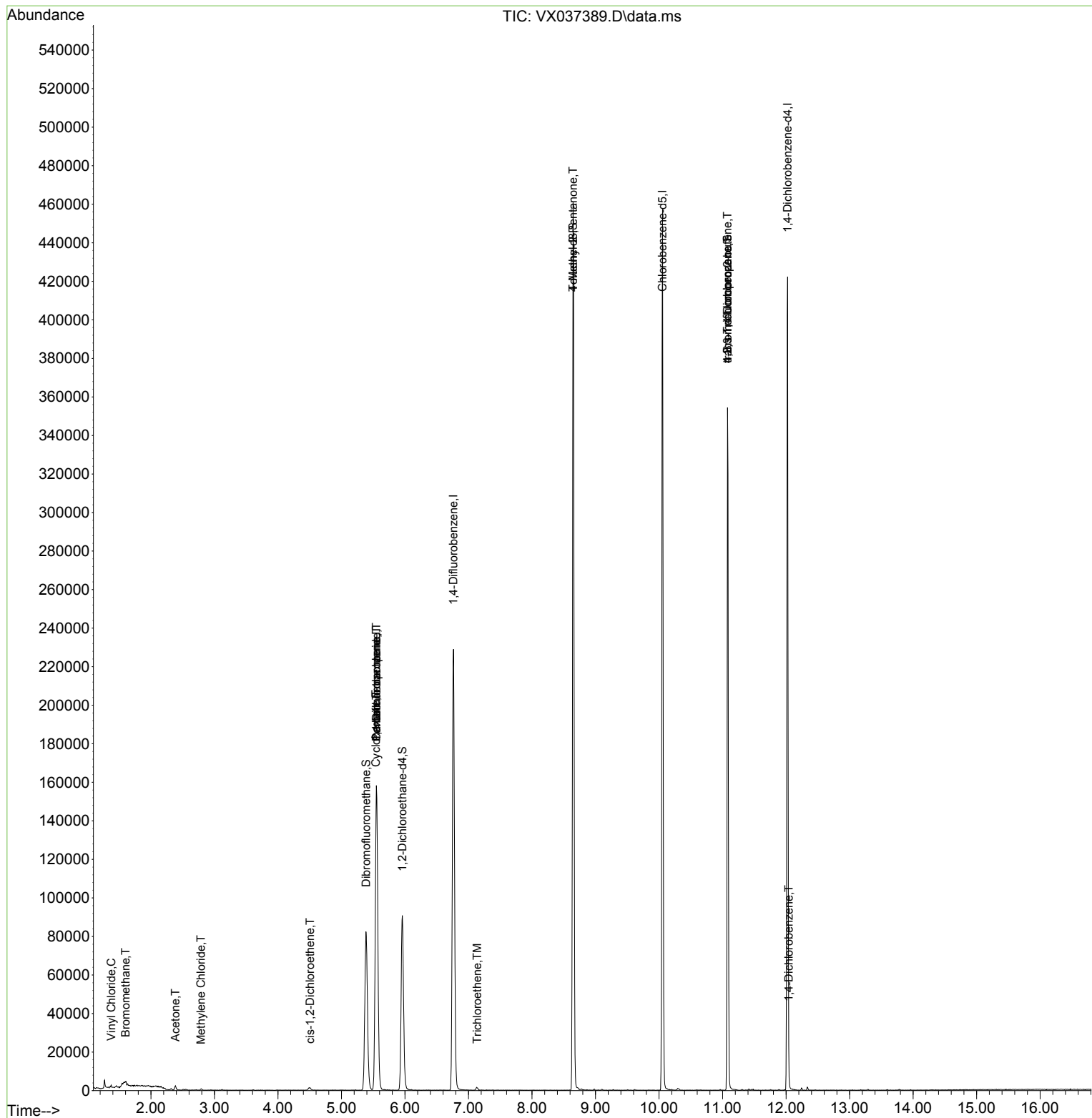
Internal Standards						
1) Pentafluorobenzene	5.550	168	148410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90522	42.308	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.620%
35) Dibromofluoromethane	5.385	113	74456	46.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.320%
50) Toluene-d8	8.647	98	282328	48.251	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.500%
62) 4-Bromofluorobenzene	11.079	95	100064	43.517	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.040%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	517	0.315	ug/l #	81
5) Bromomethane	1.599	94	227	0.278	ug/l #	3
16) Acetone	2.386	43	2385	2.849	ug/l #	81
20) Methylene Chloride	2.788	84	431	0.230	ug/l #	75
27) cis-1,2-Dichloroethene	4.507	96	1000	0.488	ug/l #	1
31) Cyclohexane	5.544	56	2927	1.217	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11487	5.012	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15629	6.278	ug/l #	16
44) Trichloroethene	7.135	130	633	0.340	ug/l	69
51) 4-Methyl-2-Pentanone	8.647	43	988	0.438	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48445	25.121	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48445	70.164	ug/l #	5
88) 1,4-Dichlorobenzene	12.042	146	925	0.297	ug/l #	1

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
Data File : VX037389.D
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Sample : 04229-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

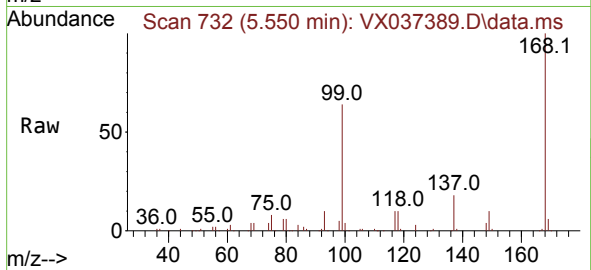
Quant Time: Aug 31 02:24:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



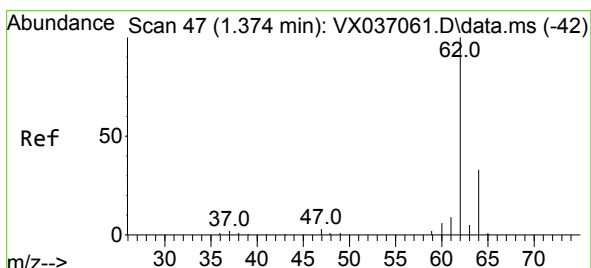
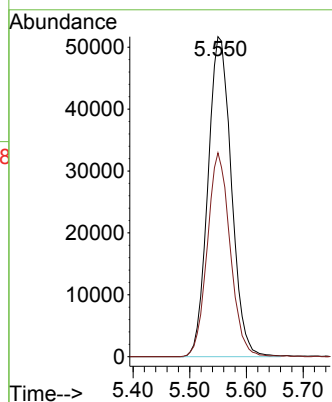
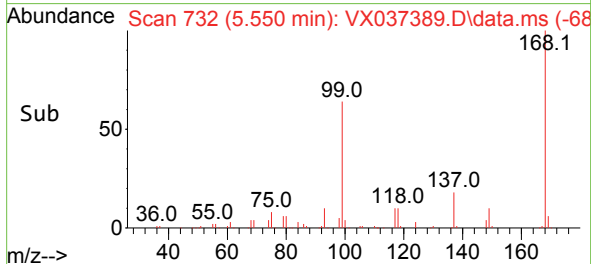


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037389.D
Acq: 30 Aug 2023 15:17

Instrument :
MSVOA_X
ClientSampleId :

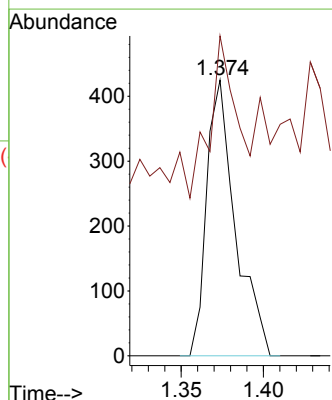
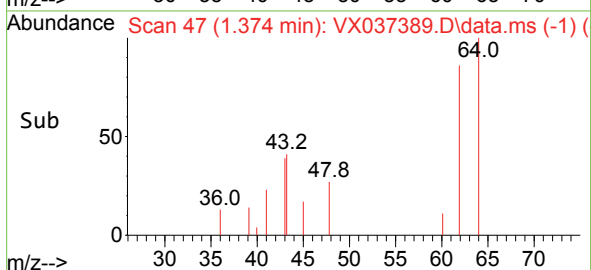
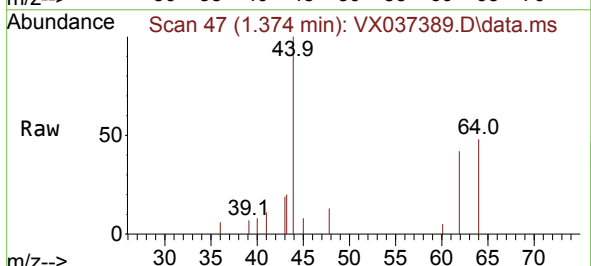


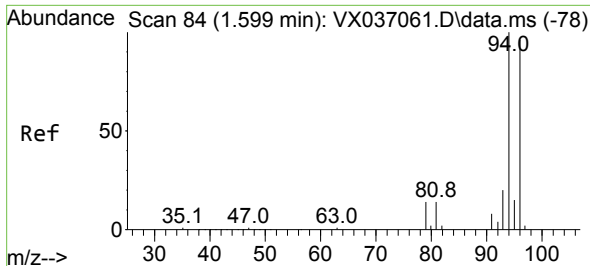
Tgt Ion:168 Resp: 148410
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#4
Vinyl Chloride
Concen: 0.315 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037389.D
Acq: 30 Aug 2023 15:17

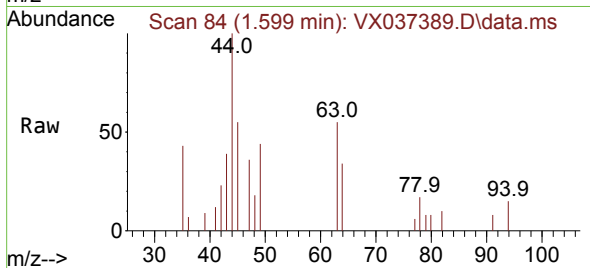
Tgt Ion: 62 Resp: 517
Ion Ratio Lower Upper
62 100
64 42.1 25.4 38.0#



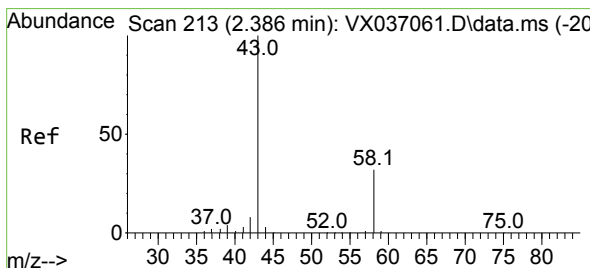
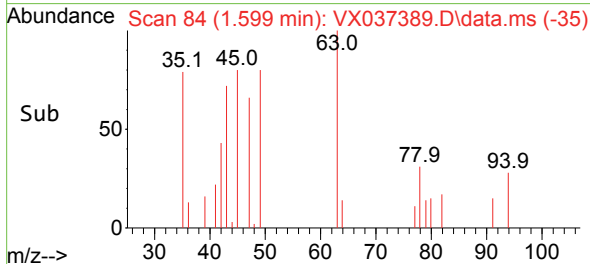
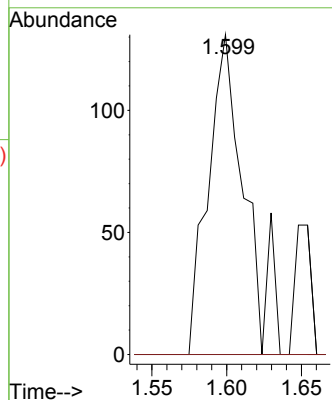


#5
Bromomethane
Concen: 0.278 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037389.D
Acq: 30 Aug 2023 15:17

Instrument :
MSVOA_X
ClientSampleId :

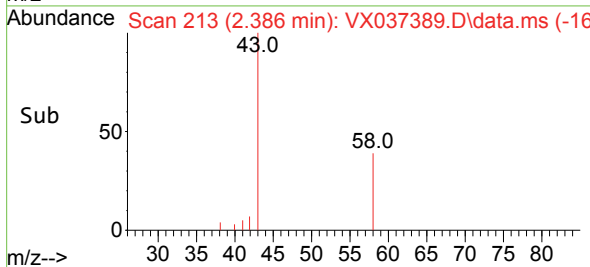
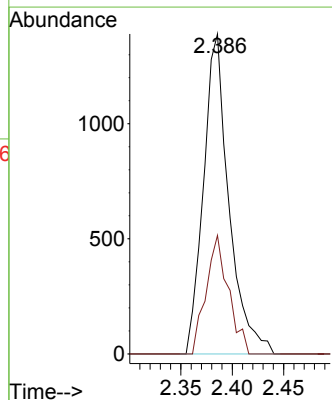
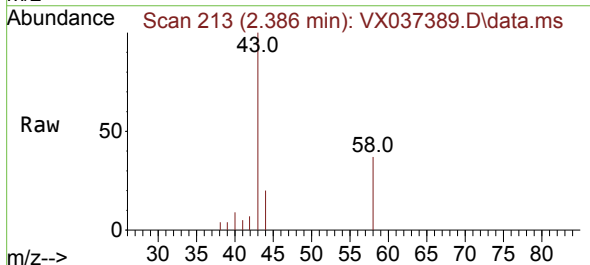


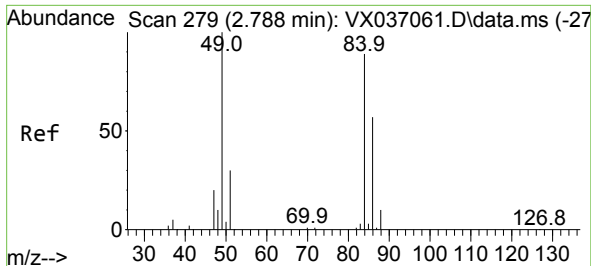
Tgt Ion: 94 Resp: 227
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#16
Acetone
Concen: 2.849 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037389.D
Acq: 30 Aug 2023 15:17

Tgt Ion: 43 Resp: 2385
Ion Ratio Lower Upper
43 100
58 37.1 21.9 32.9#





#20

Methylene Chloride

Concen: 0.230 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

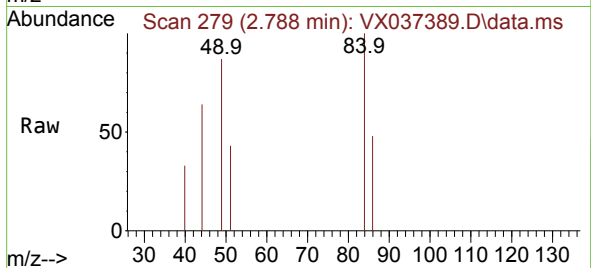
Lab File: VX037389.D

Acq: 30 Aug 2023 15:17

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 431

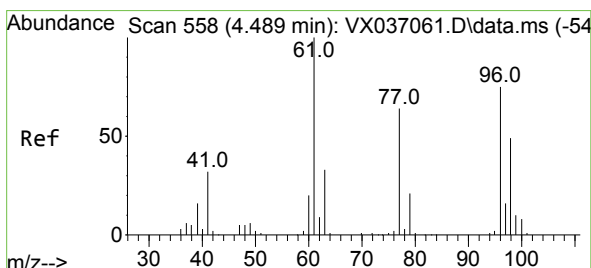
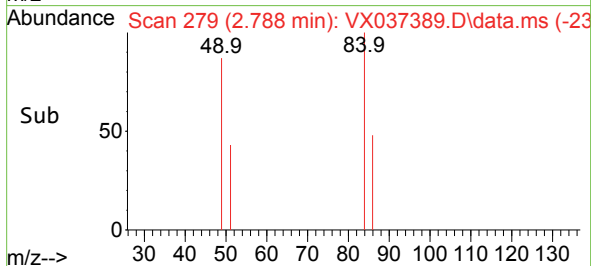
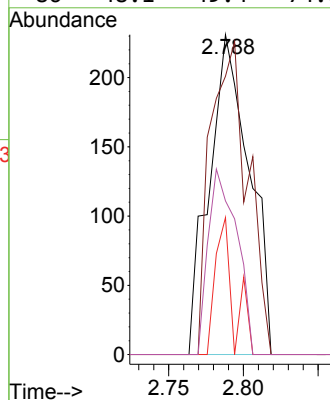
Ion Ratio Lower Upper

84 100

49 87.0 103.6 155.4#

51 42.9 33.8 50.6

86 48.1 49.4 74.0#



#27

cis-1,2-Dichloroethene

Concen: 0.488 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.018 min

Lab File: VX037389.D

Acq: 30 Aug 2023 15:17

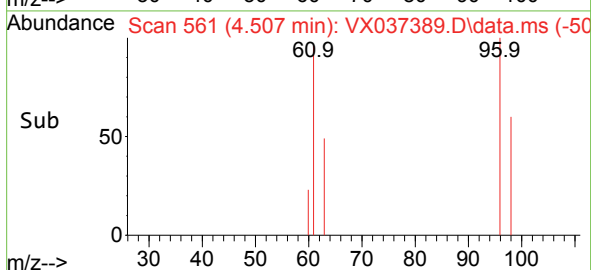
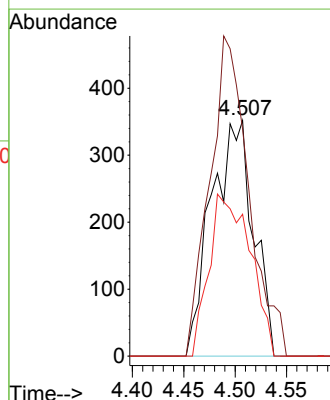
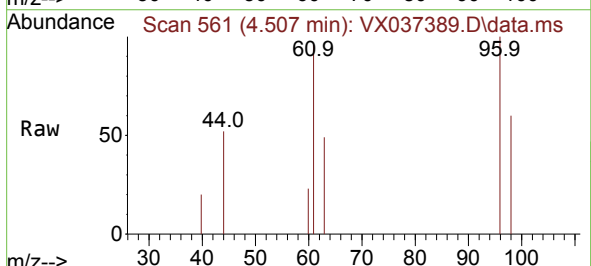
Tgt Ion: 96 Resp: 1000

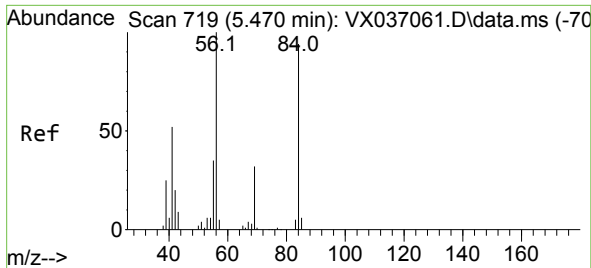
Ion Ratio Lower Upper

96 100

61 0.0 0.0 312.2

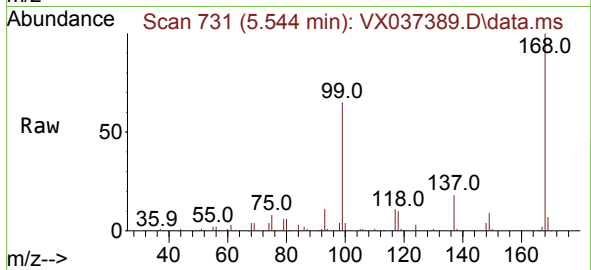
98 0.0 0.0 129.0



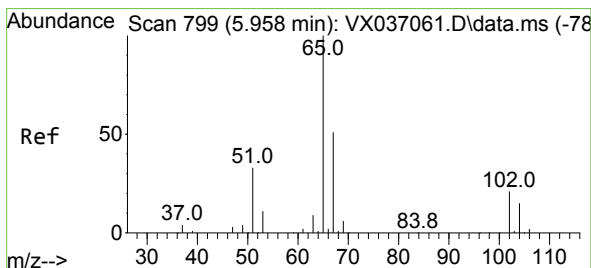
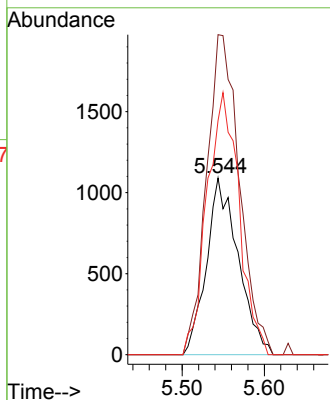
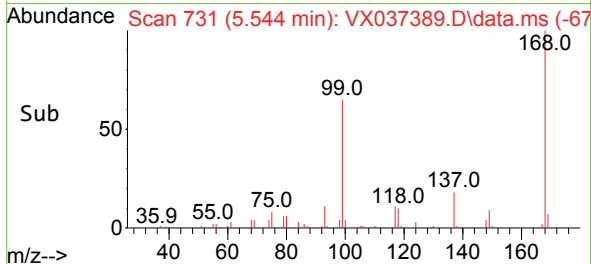


#31
Cyclohexane
Concen: 1.217 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037389.D
Acq: 30 Aug 2023 15:17

Instrument :
MSVOA_X
ClientSampleId :

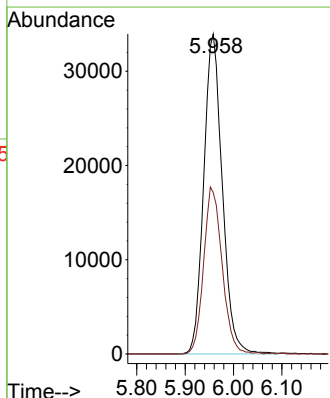
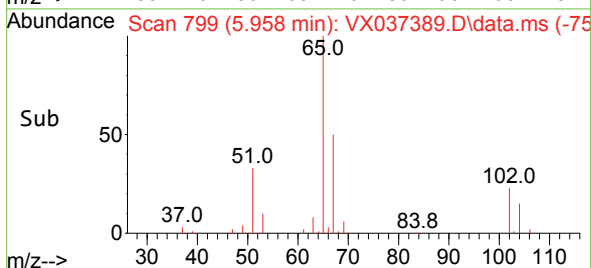
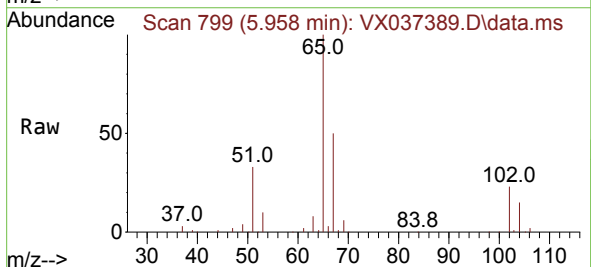


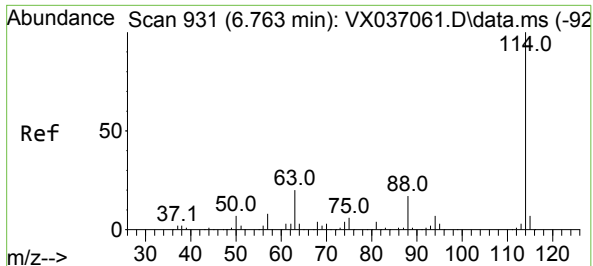
Tgt Ion: 56 Resp: 2927
Ion Ratio Lower Upper
56 100
69 181.2 23.4 35.2#
84 132.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.308 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037389.D
Acq: 30 Aug 2023 15:17

Tgt Ion: 65 Resp: 90522
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

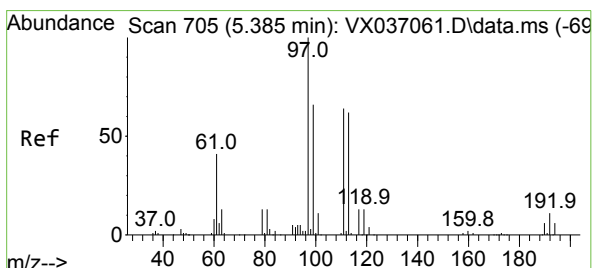
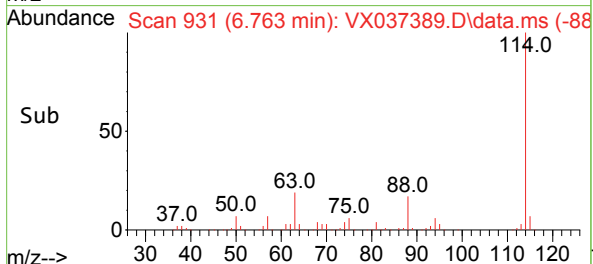
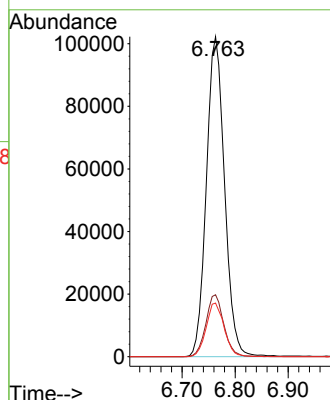
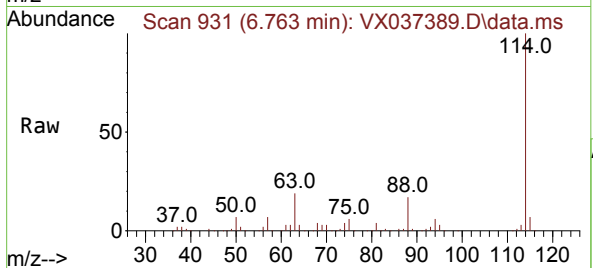




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037389.D
Acq: 30 Aug 2023 15:17

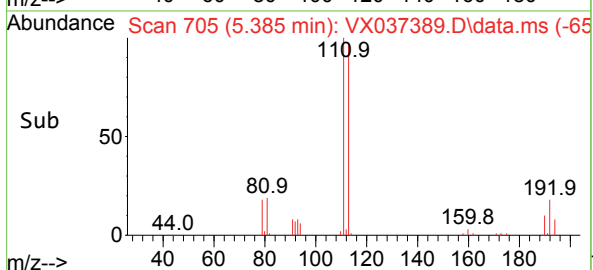
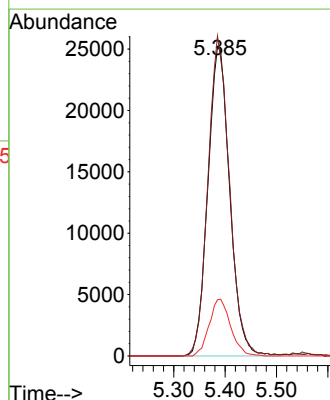
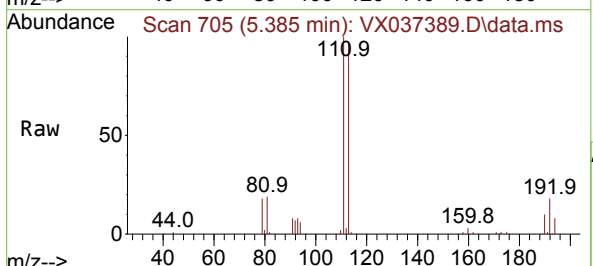
Instrument :
MSVOA_X
ClientSampleId :

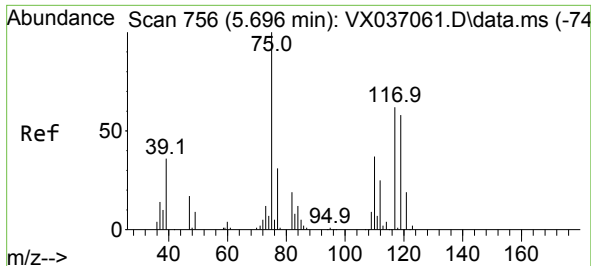
Tgt Ion:114 Resp: 243563
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.158 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037389.D
Acq: 30 Aug 2023 15:17

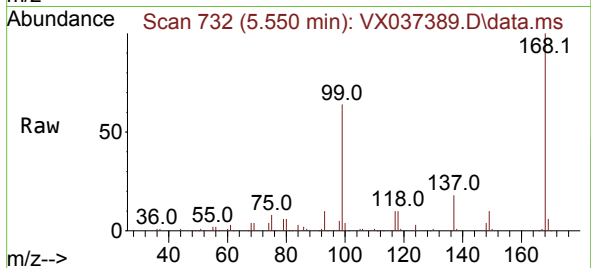
Tgt Ion:113 Resp: 74456
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.0 13.3 19.9



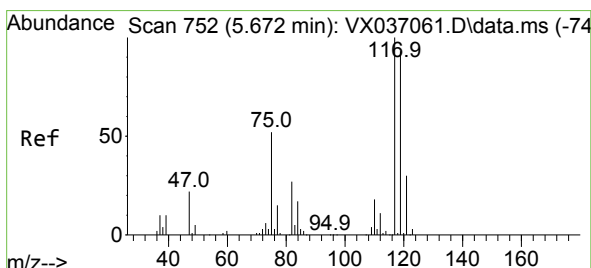
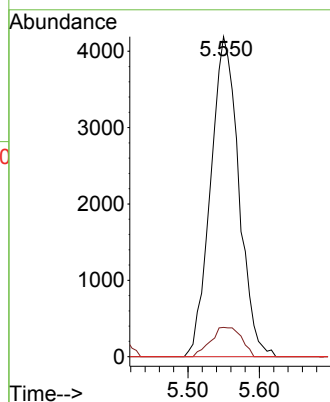
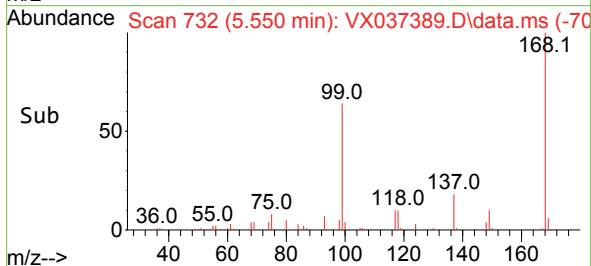


#36
 1,1-Dichloropropene
 Concen: 5.012 ug/l
 RT: 5.550 min Scan# 712
 Delta R.T. -0.146 min
 Lab File: VX037389.D
 Acq: 30 Aug 2023 15:17

Instrument :
 MSVOA_X
 ClientSampleId :

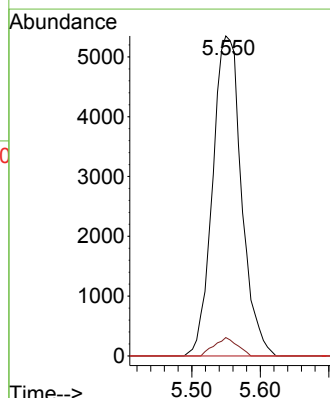
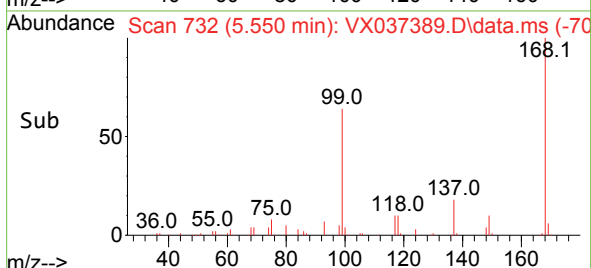
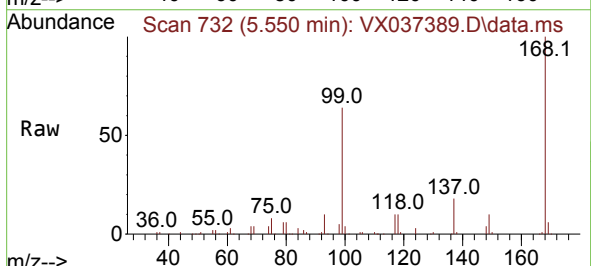


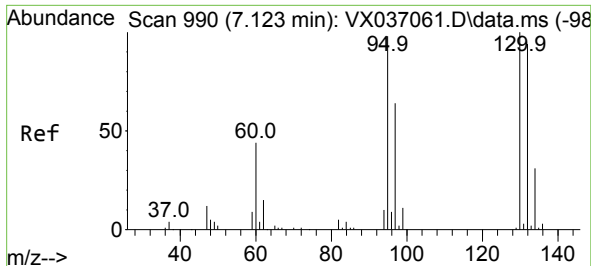
Tgt Ion: 75 Resp: 11487
 Ion Ratio Lower Upper
 75 100
 110 9.9 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.278 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.122 min
 Lab File: VX037389.D
 Acq: 30 Aug 2023 15:17

Tgt Ion: 117 Resp: 15629
 Ion Ratio Lower Upper
 117 100
 119 5.7 78.2 117.2#
 121 0.0 24.4 36.6#

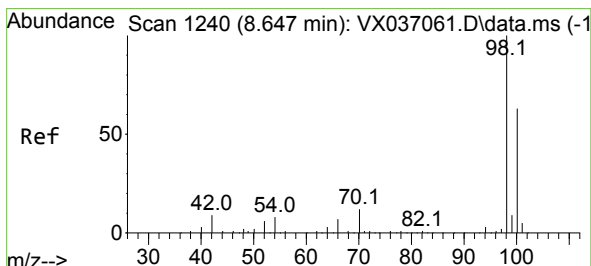
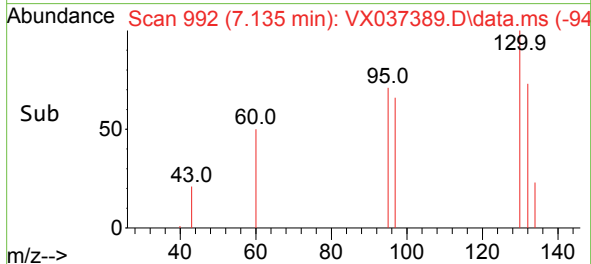
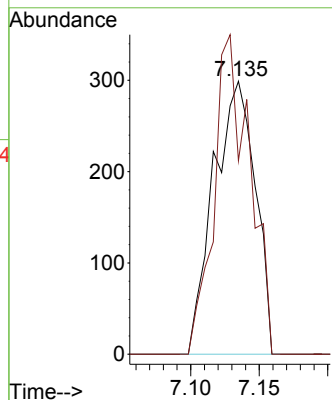
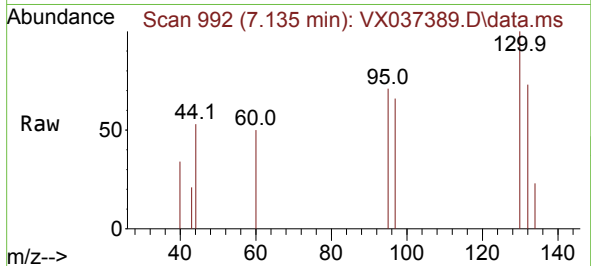




#44
Trichloroethene
Concen: 0.340 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX037389.D
Acq: 30 Aug 2023 15:17

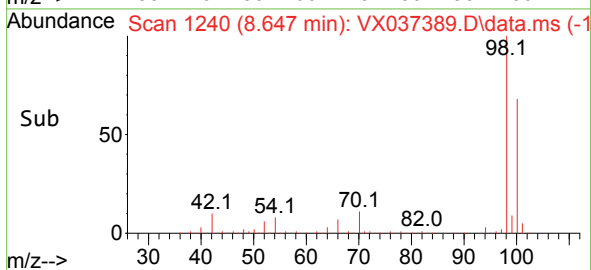
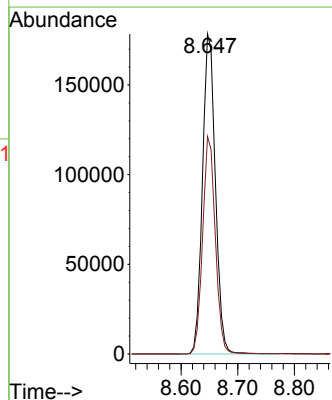
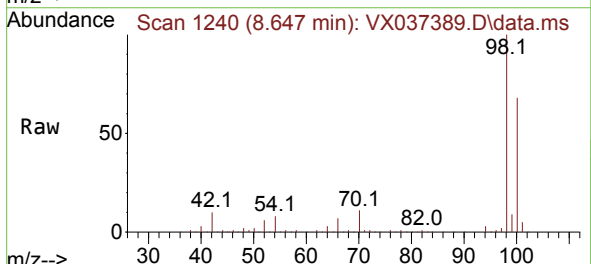
Instrument :
MSVOA_X
ClientSampleId :

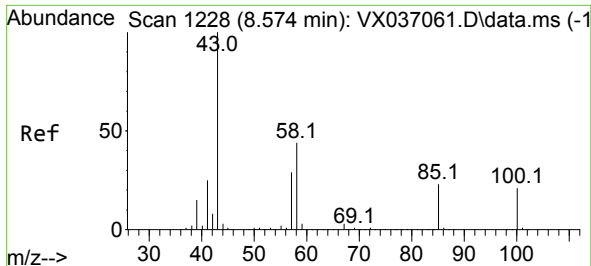
Tgt Ion:130 Resp: 633
Ion Ratio Lower Upper
130 100
95 70.9 0.0 204.4



#50
Toluene-d8
Concen: 48.251 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037389.D
Acq: 30 Aug 2023 15:17

Tgt Ion: 98 Resp: 282328
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

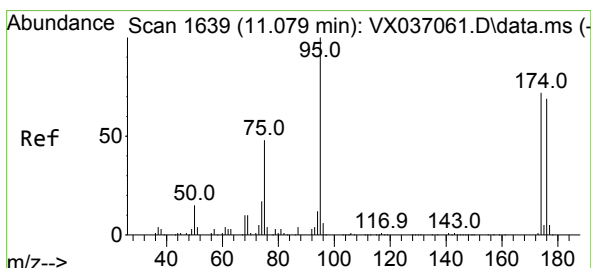
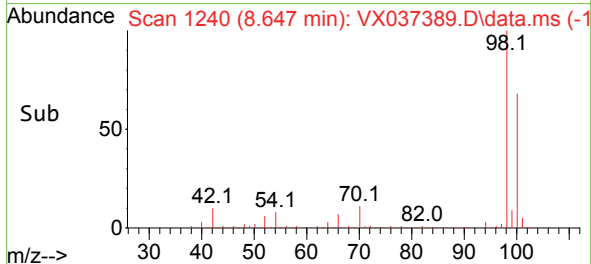
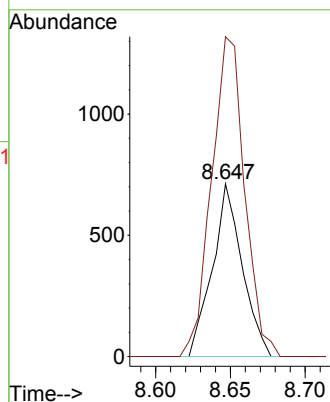
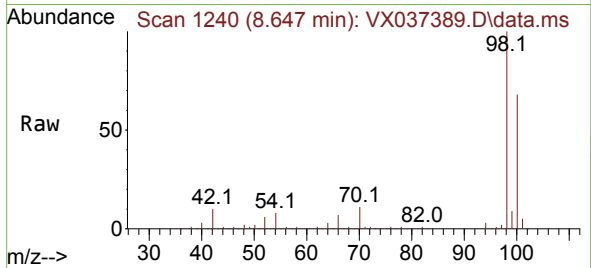




#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037389.D
Acq: 30 Aug 2023 15:17

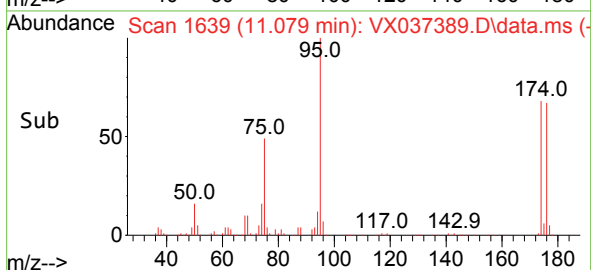
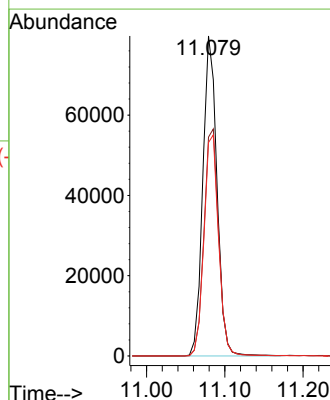
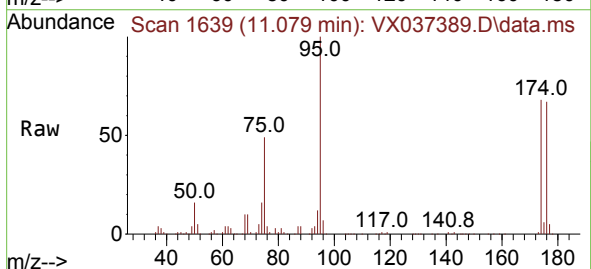
Instrument :
MSVOA_X
ClientSampleId :

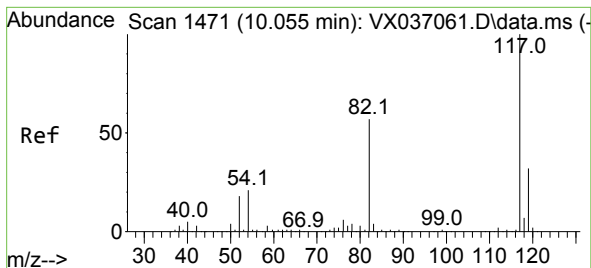
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 205.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037389.D
Acq: 30 Aug 2023 15:17

Tgt Ion: 95 Resp: 100064
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 71.2 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: VX037389.D

Acq: 30 Aug 2023 15:17

Instrument :

MSVOA_X

ClientSampleId :

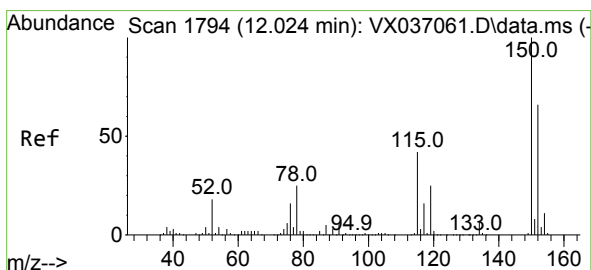
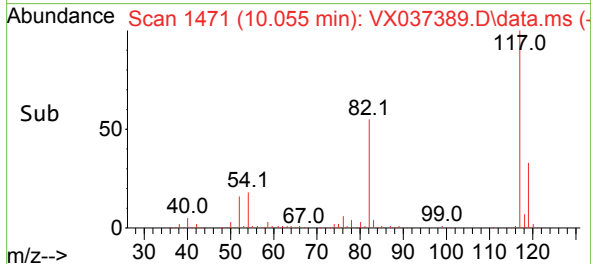
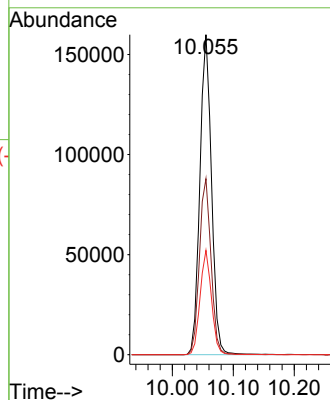
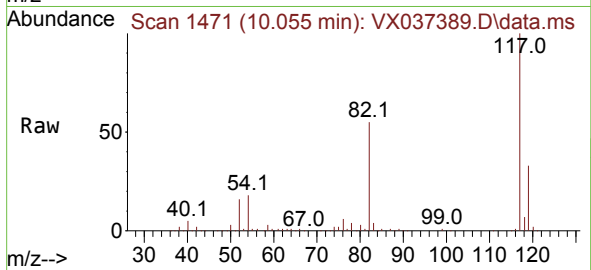
Tgt Ion:117 Resp: 211744

Ion Ratio Lower Upper

117 100

82 55.0 46.2 69.4

119 32.6 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: VX037389.D

Acq: 30 Aug 2023 15:17

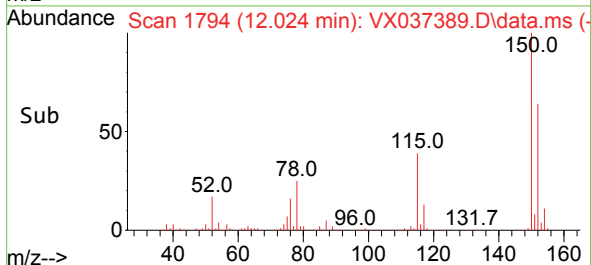
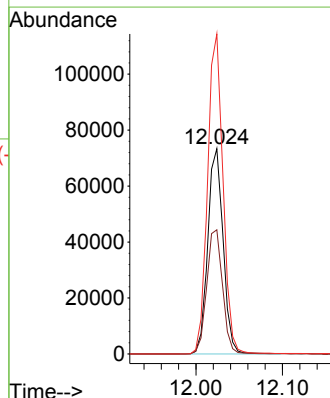
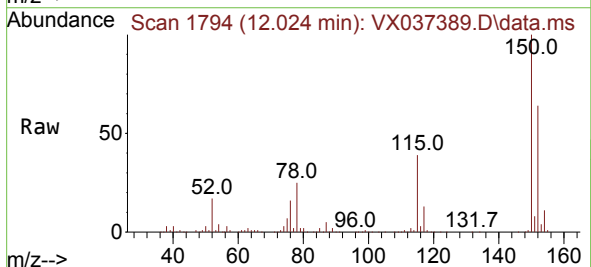
Tgt Ion:152 Resp: 90552

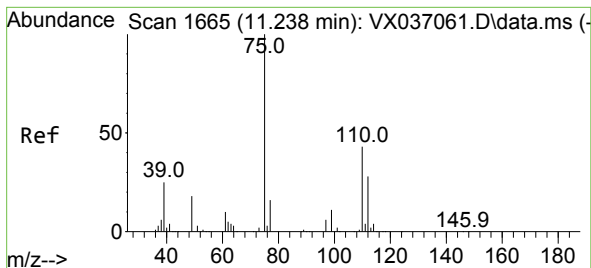
Ion Ratio Lower Upper

152 100

115 62.3 43.3 129.9

150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.121 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037389.D

Acq: 30 Aug 2023 15:17

Instrument :

MSVOA_X

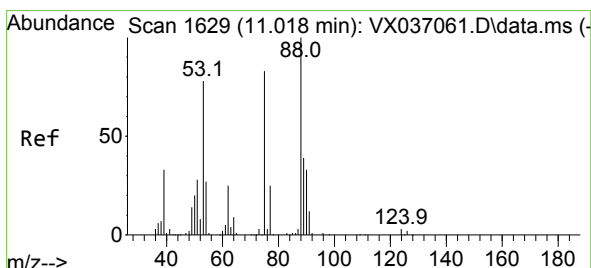
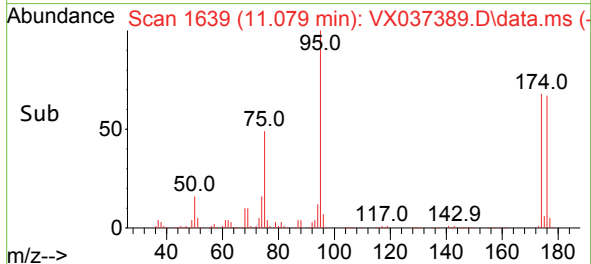
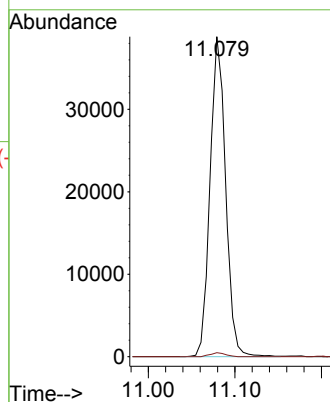
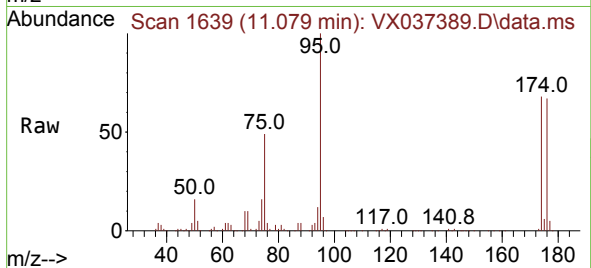
ClientSampleId :

Tgt Ion: 75 Resp: 48445

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.164 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037389.D

Acq: 30 Aug 2023 15:17

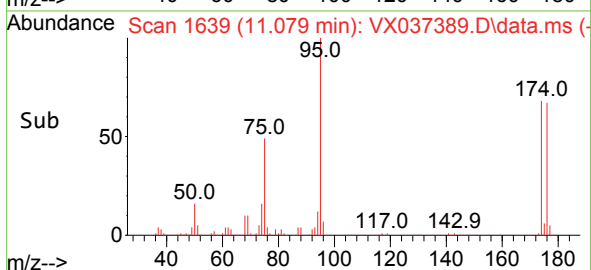
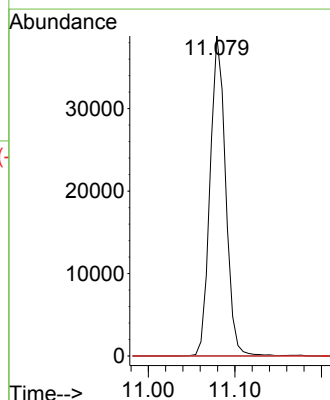
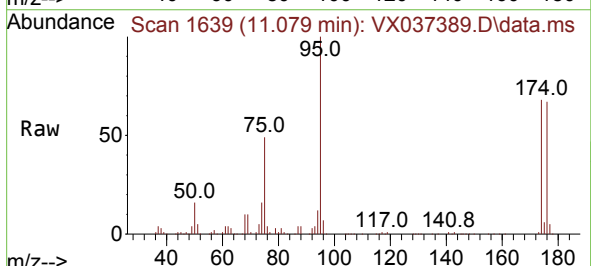
Tgt Ion: 75 Resp: 48445

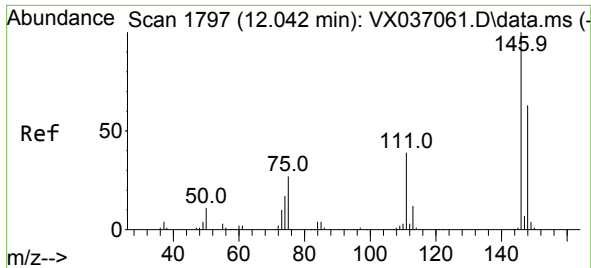
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

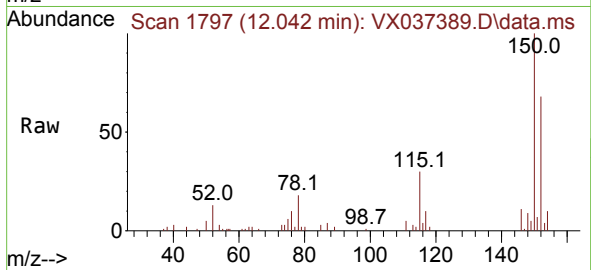
89 0.0 36.9 55.3#





#88
 1,4-Dichlorobenzene
 Concen: 0.297 ug/l
 RT: 12.042 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037389.D
 Acq: 30 Aug 2023 15:17

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
146	100		
111	166.8	21.3	63.7#
148	92.2	31.8	95.4

