

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037584.D
 Acq On : 07 Sep 2023 17:28
 Operator : JC/MD
 Sample : 04311-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 08 00:47:40 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)

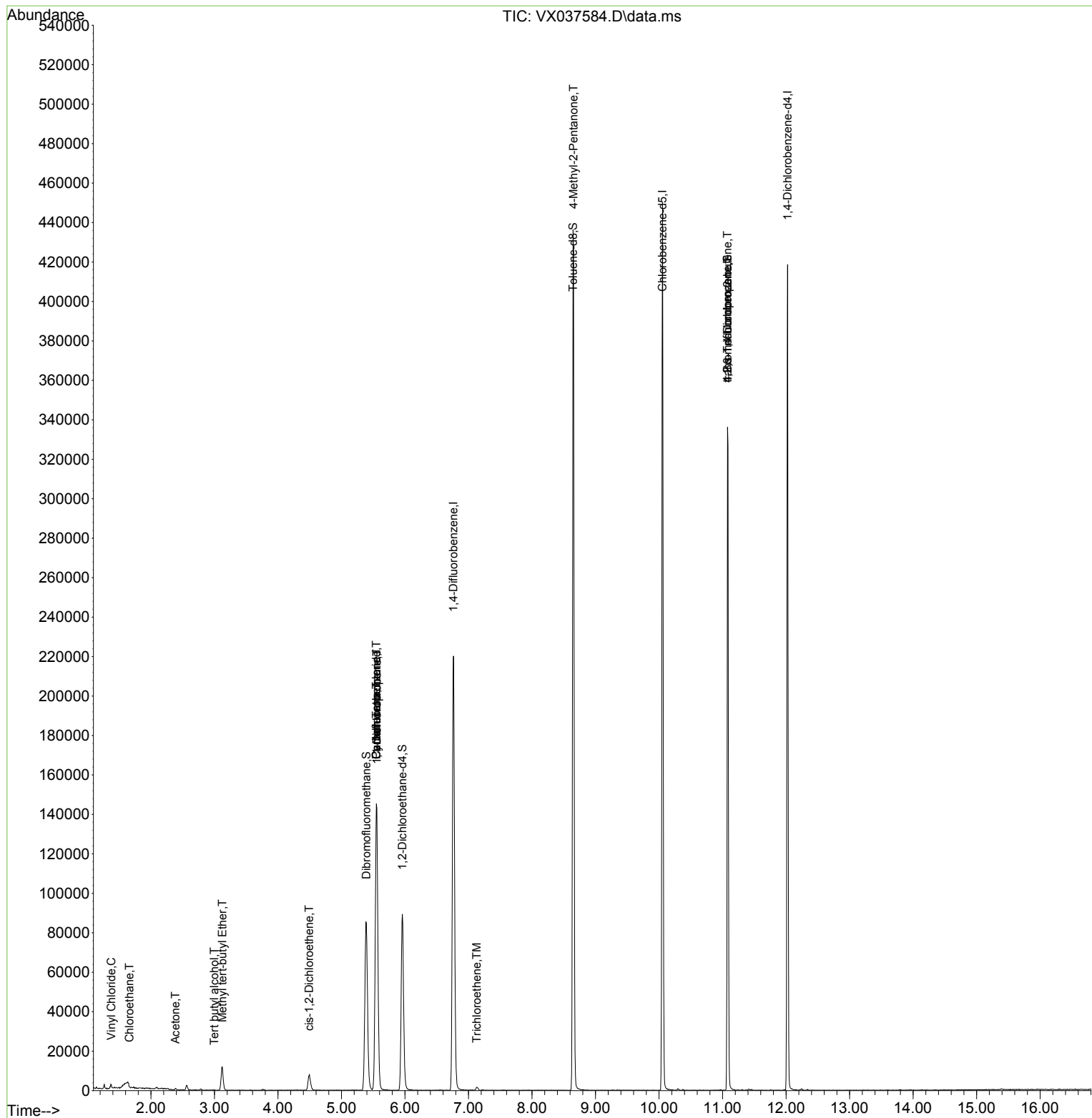
Internal Standards						
1) Pentafluorobenzene	5.550	168	141940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86402	42.223	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.440%
35) Dibromofluoromethane	5.391	113	77765	49.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.120%
50) Toluene-d8	8.647	98	273291	47.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.060%
62) 4-Bromofluorobenzene	11.079	95	98800	43.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.440%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1416	0.902	ug/l	100
6) Chloroethane	1.660	64	372	0.403	ug/l #	43
11) Tert butyl alcohol	2.995	59	172	0.358	ug/l #	78
16) Acetone	2.386	43	917	1.145	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	13765	2.484	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	5612	2.866	ug/l	78
31) Cyclohexane	5.550	56	2463	1.070	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10297	4.572	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14404	5.888	ug/l #	14
44) Trichloroethene	7.129	130	820	0.448	ug/l	71
51) 4-Methyl-2-Pentanone	8.653	43	901	0.406	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46724	24.581	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	46724	68.656	ug/l #	5

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

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ClientSampleId :

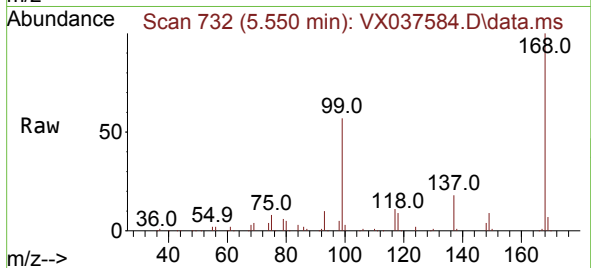
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



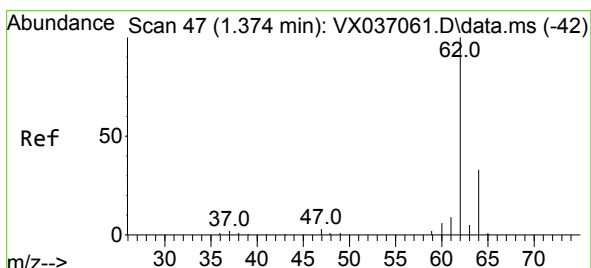
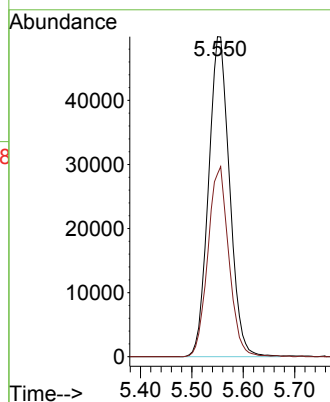
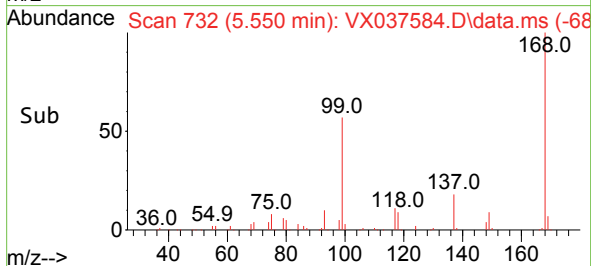


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :

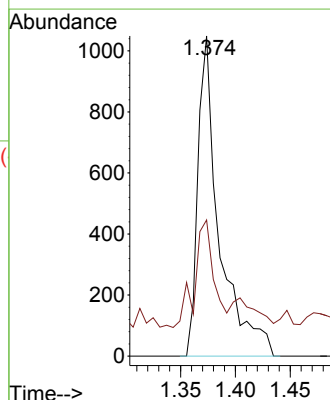
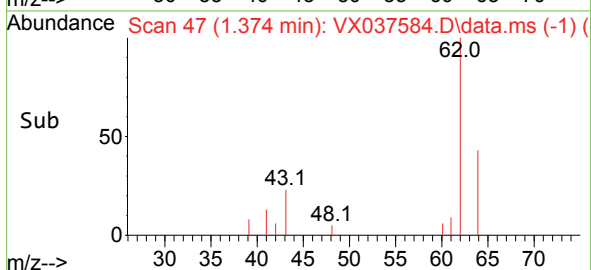
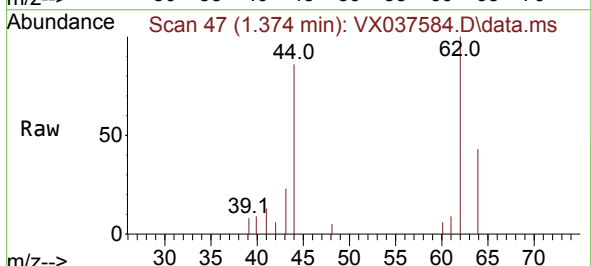


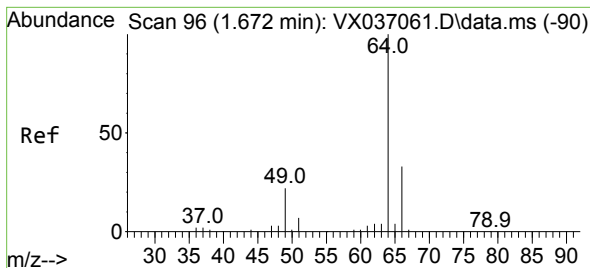
Tgt Ion:168 Resp: 141940
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#4
Vinyl Chloride
Concen: 0.902 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

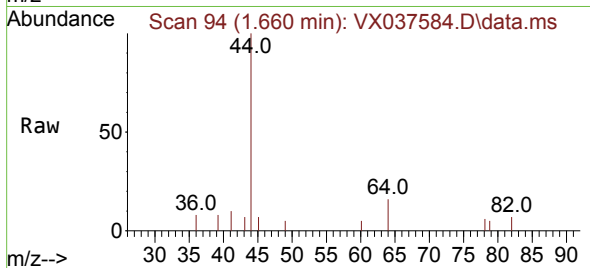
Tgt Ion: 62 Resp: 1416
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0



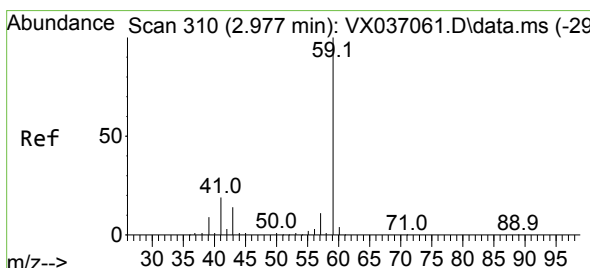
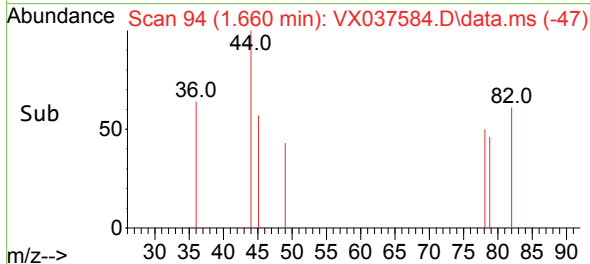
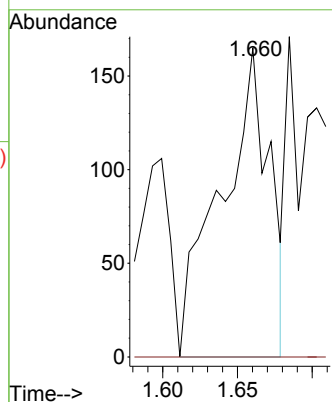


#6
 Chloroethane
 Concen: 0.403 ug/l
 RT: 1.660 min Scan# 94
 Delta R.T. -0.012 min
 Lab File: VX037584.D
 Acq: 07 Sep 2023 17:28

Instrument :
 MSVOA_X
 ClientSampleId :

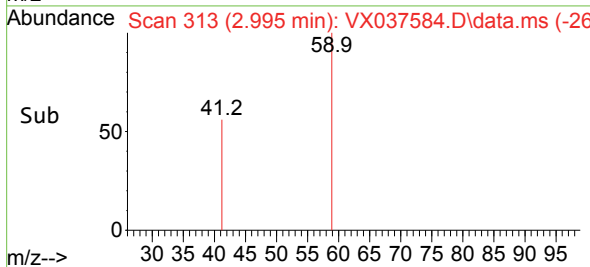
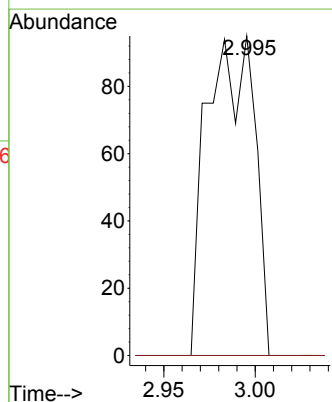
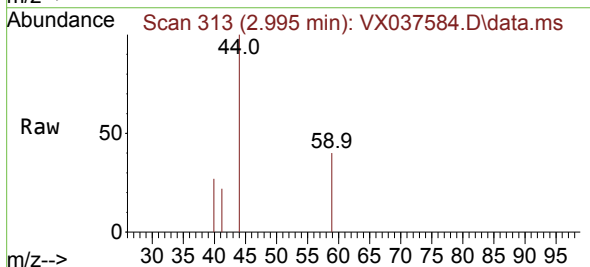


Tgt Ion: 64 Resp: 372
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.1 37.7#



#11
 Tert butyl alcohol
 Concen: 0.358 ug/l
 RT: 2.995 min Scan# 313
 Delta R.T. 0.018 min
 Lab File: VX037584.D
 Acq: 07 Sep 2023 17:28

Tgt Ion: 59 Resp: 172
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.0 9.0#

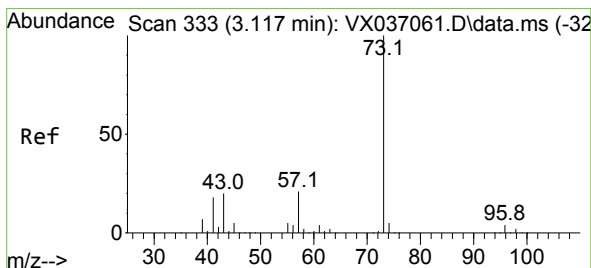
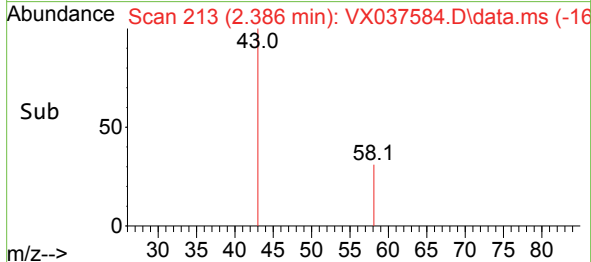
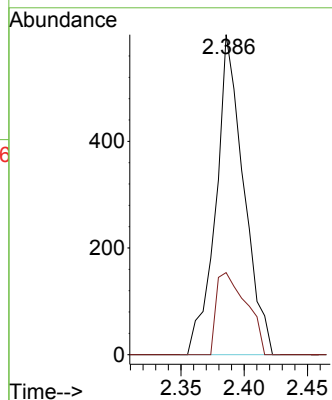
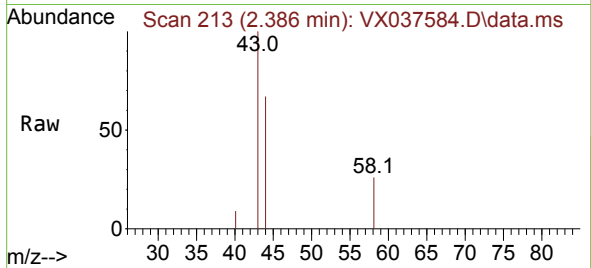




#16
Acetone
Concen: 1.145 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

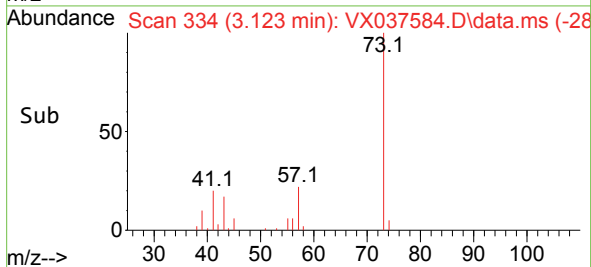
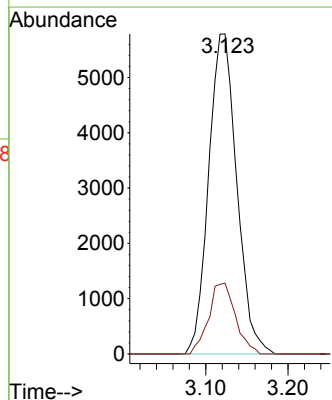
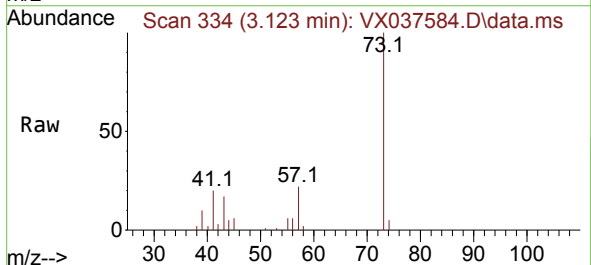
Instrument :
MSVOA_X
ClientSampleId :

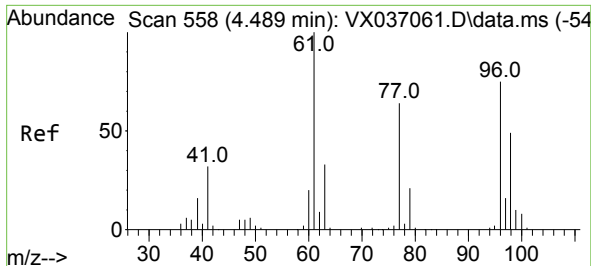
Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
58 25.7 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 2.484 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

Tgt Ion: 73 Resp: 13765
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9





#27

cis-1,2-Dichloroethene

Concen: 2.866 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

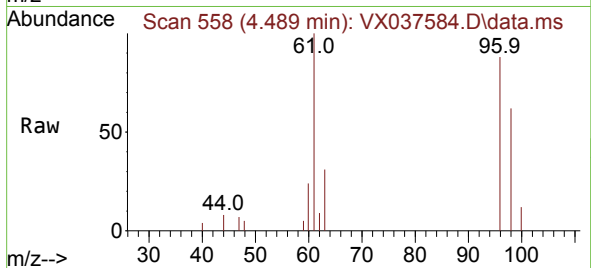
Lab File: VX037584.D

Acq: 07 Sep 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :



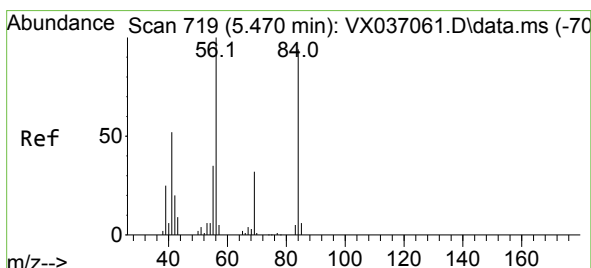
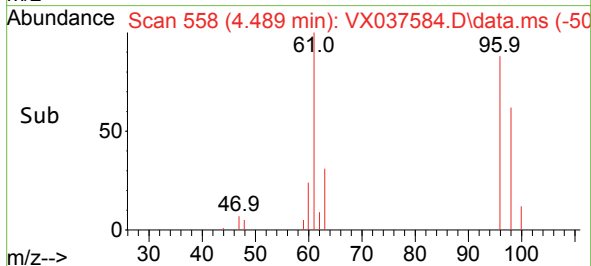
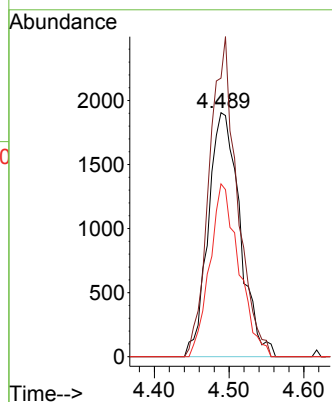
Tgt Ion: 96 Resp: 5612

Ion Ratio Lower Upper

96 100

61 115.4 0.0 312.2

98 65.4 0.0 129.0



#31

Cyclohexane

Concen: 1.070 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037584.D

Acq: 07 Sep 2023 17:28

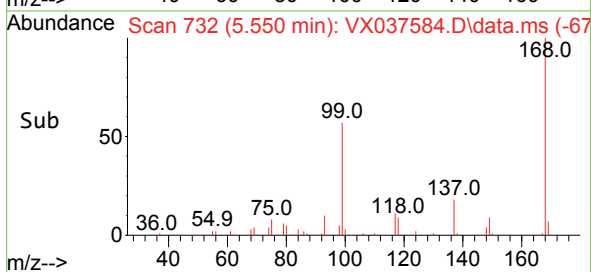
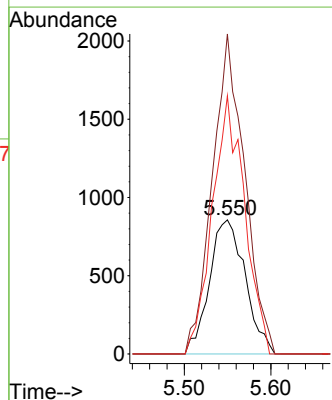
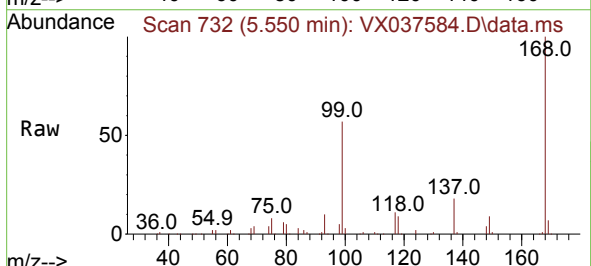
Tgt Ion: 56 Resp: 2463

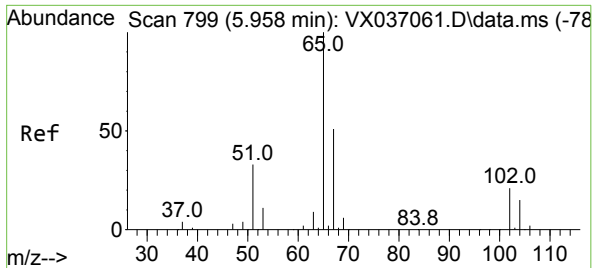
Ion Ratio Lower Upper

56 100

69 238.6 23.4 35.2#

84 192.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.223 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037584.D

Acq: 07 Sep 2023 17:28

Instrument :

MSVOA_X

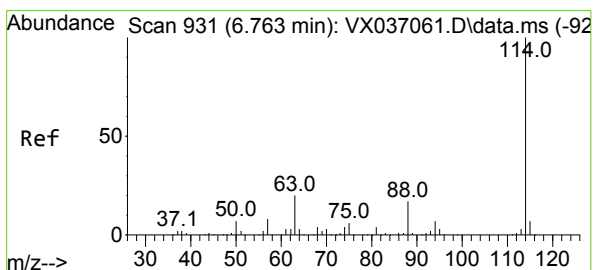
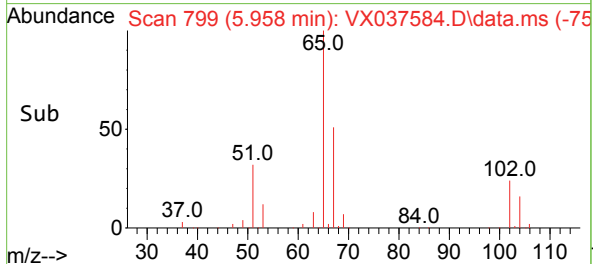
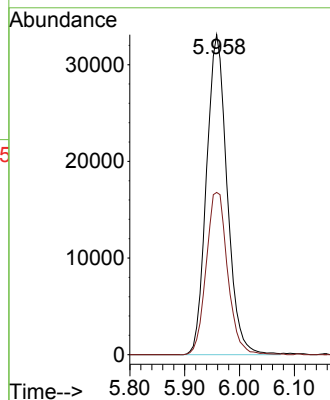
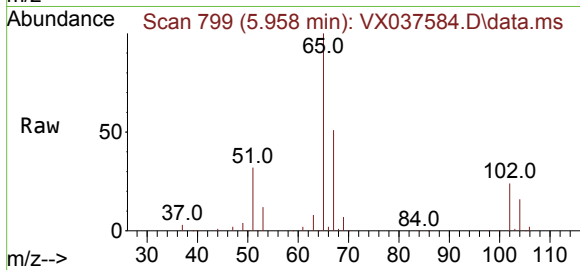
ClientSampleId :

Tgt Ion: 65 Resp: 86402

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: VX037584.D

Acq: 07 Sep 2023 17:28

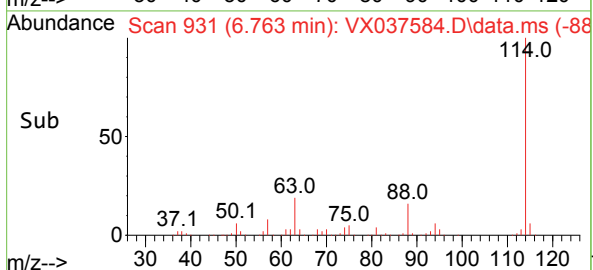
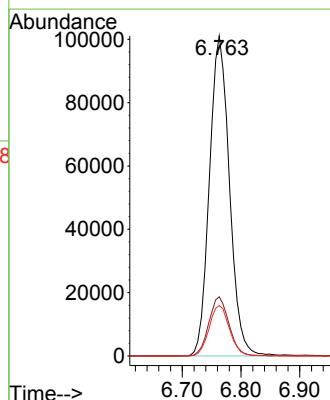
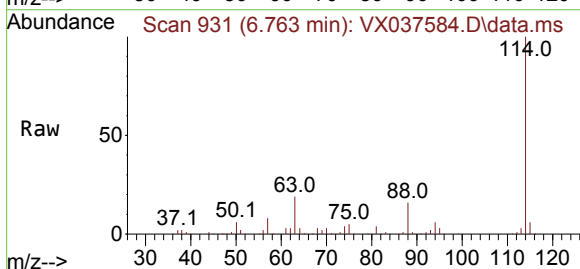
Tgt Ion: 114 Resp: 239347

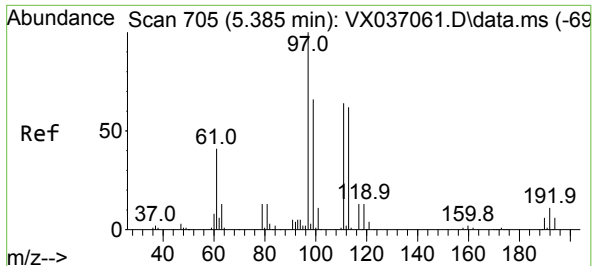
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

88 15.8 0.0 36.6

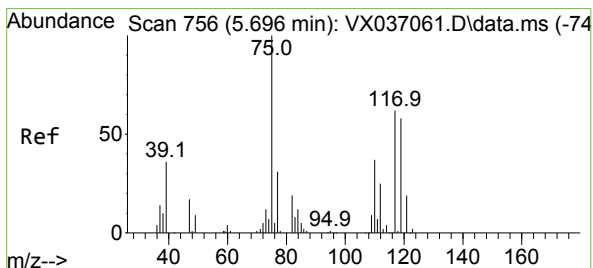
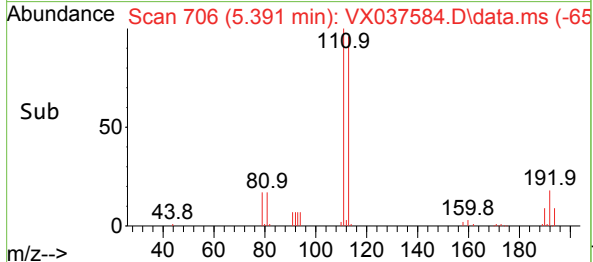
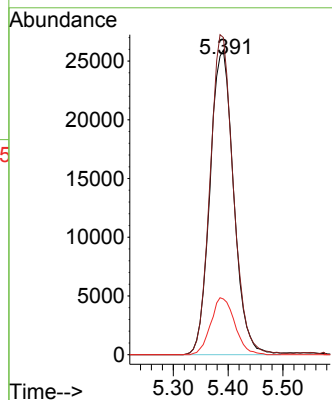
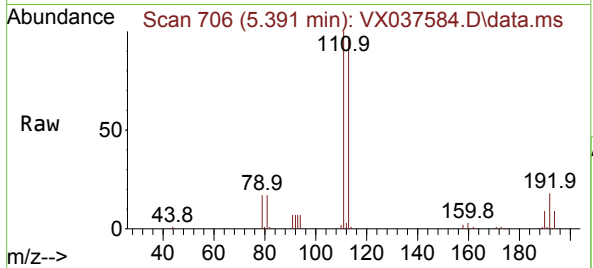




#35
Dibromofluoromethane
Concen: 49.059 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

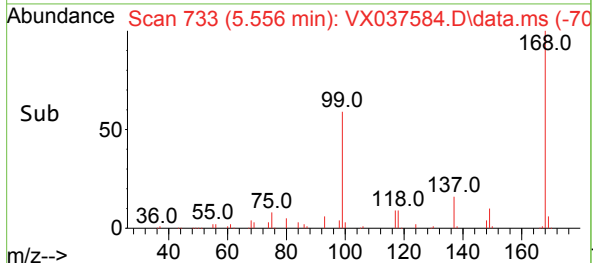
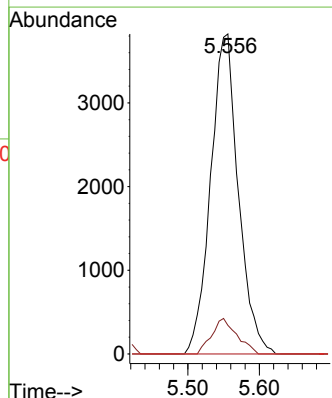
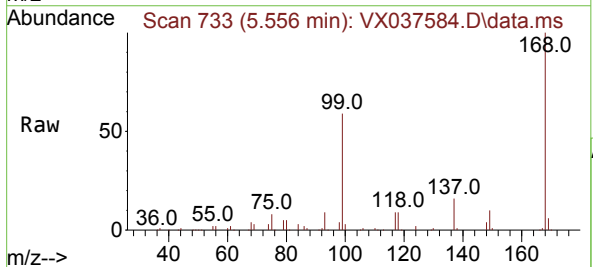
Instrument :
MSVOA_X
ClientSampleId :

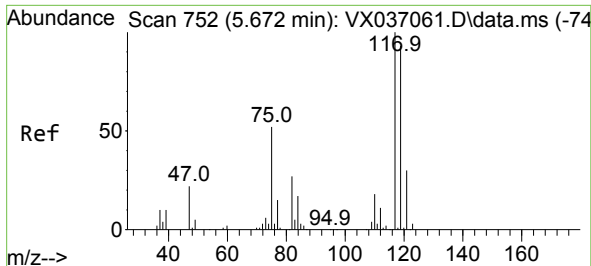
Tgt Ion:113 Resp: 77765
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.572 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

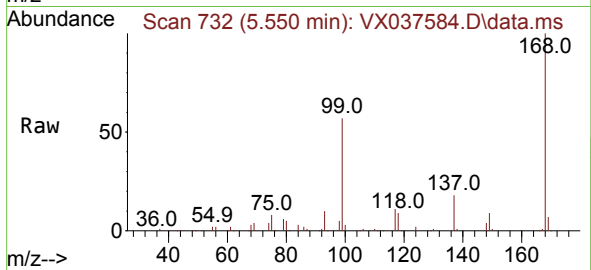
Tgt Ion: 75 Resp: 10297
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



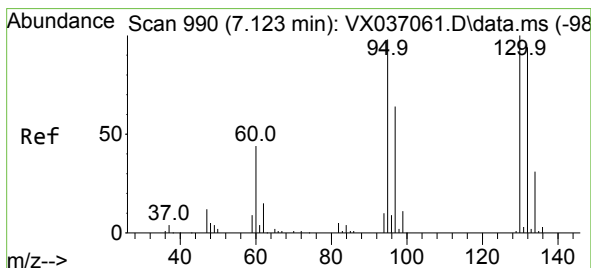
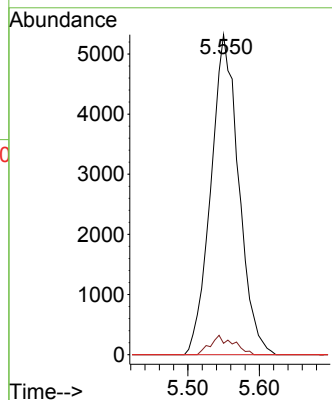
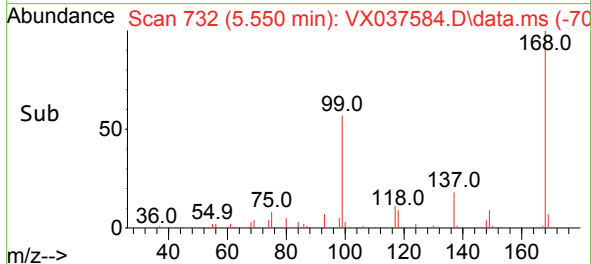


#38
Carbon Tetrachloride
Concen: 5.888 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :

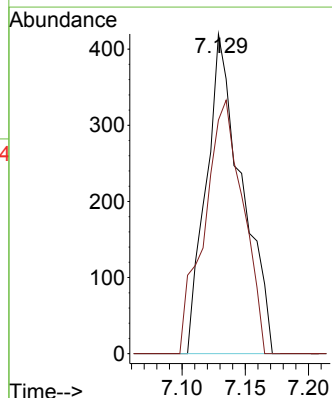
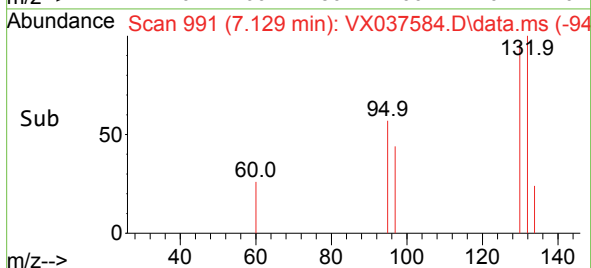
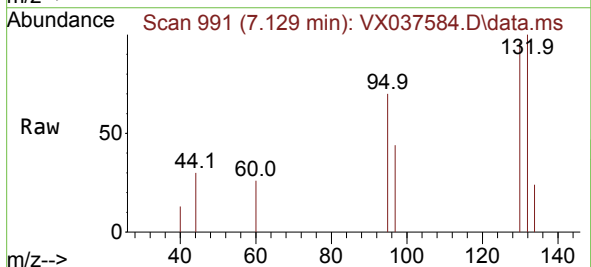


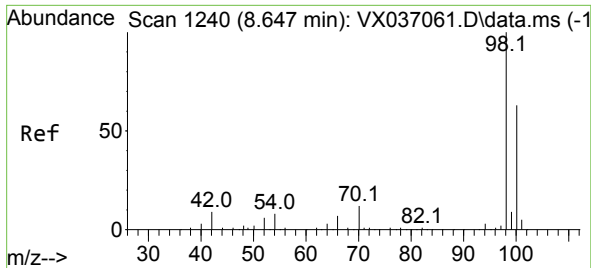
Tgt Ion:117 Resp: 14404
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.448 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

Tgt Ion:130 Resp: 820
Ion Ratio Lower Upper
130 100
95 73.1 0.0 204.4

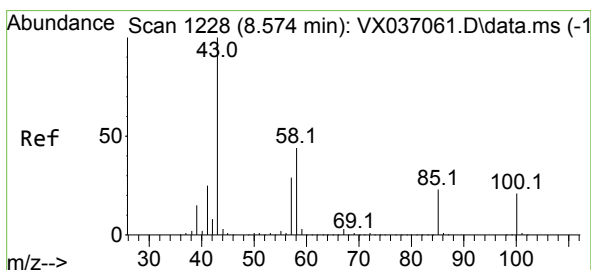
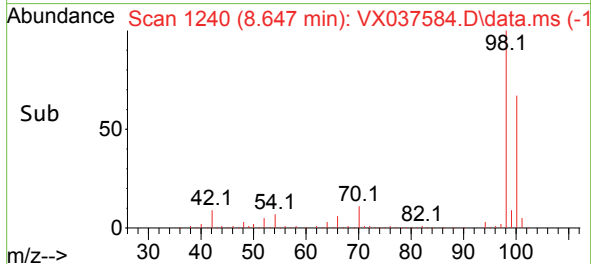
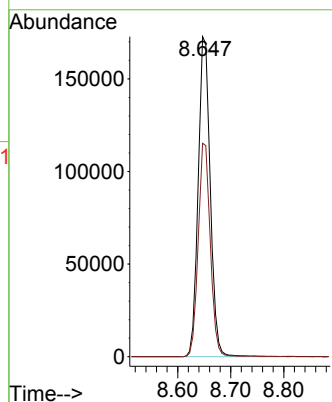
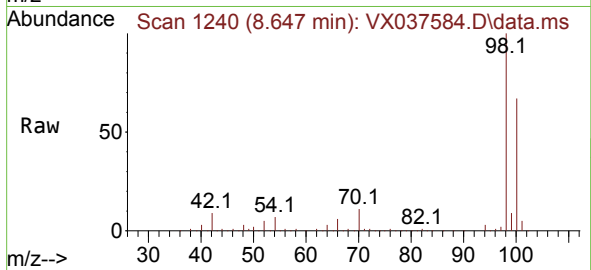




#50
Toluene-d8
Concen: 47.530 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

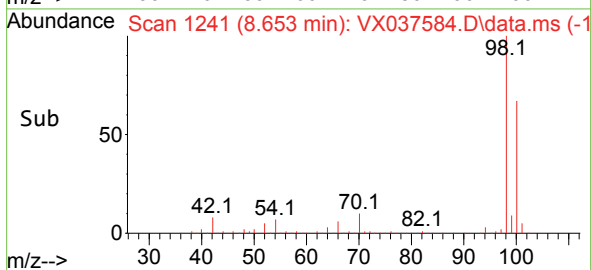
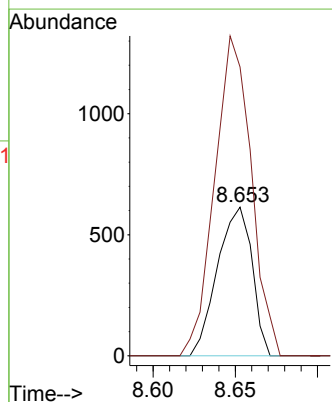
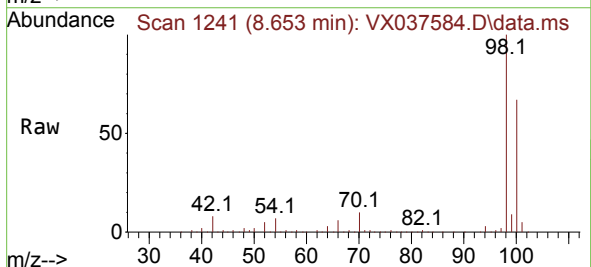
Instrument :
MSVOA_X
ClientSampleId :

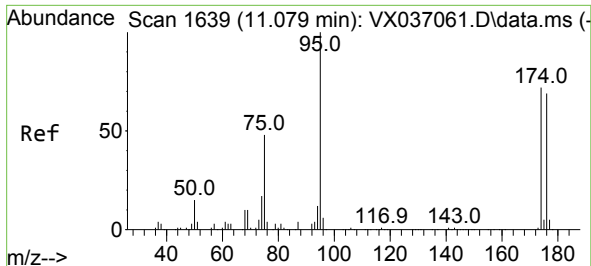
Tgt Ion: 98 Resp: 273291
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.406 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 227.1 30.4 45.6#

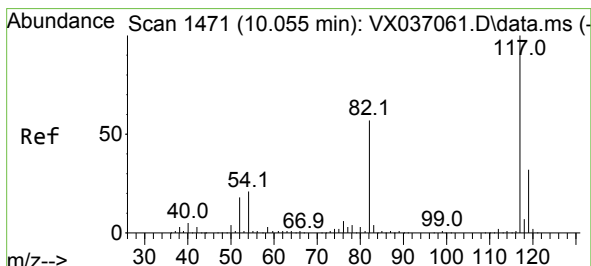
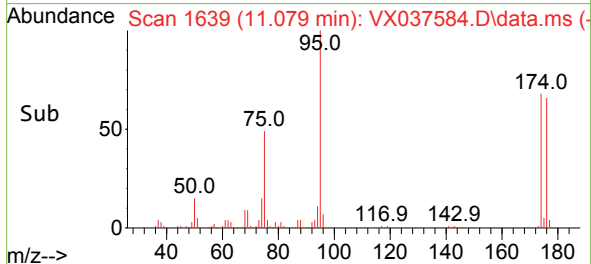
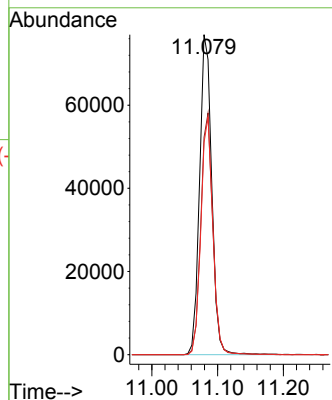
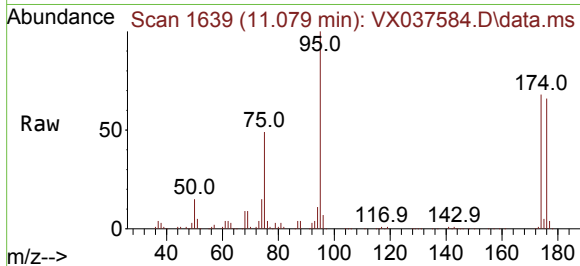




#62
4-Bromofluorobenzene
Concen: 43.724 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

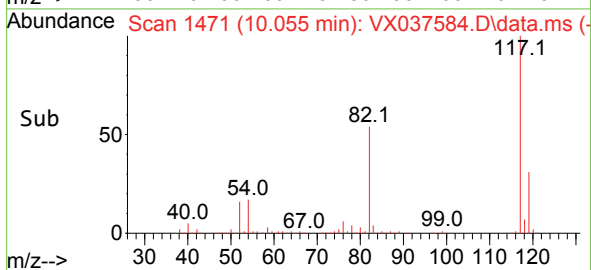
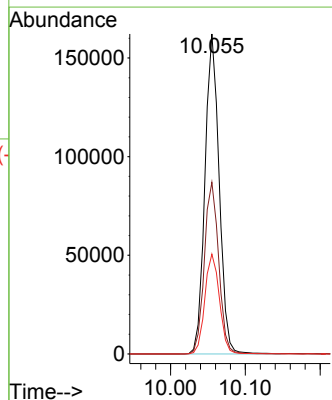
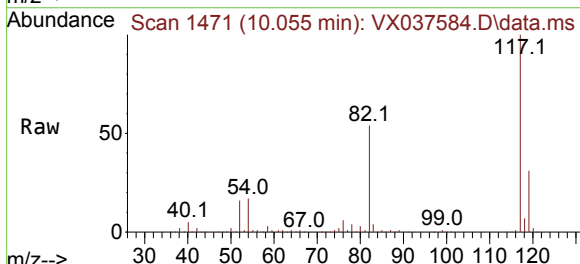
Instrument :
MSVOA_X
ClientSampleId :

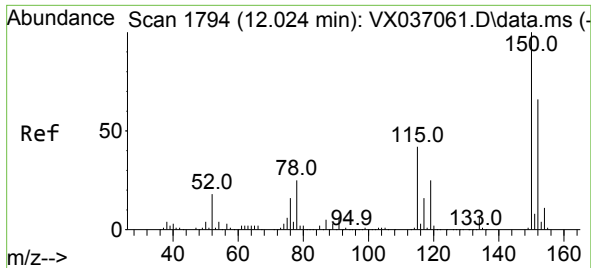
Tgt Ion: 95 Resp: 98800
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 73.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037584.D
Acq: 07 Sep 2023 17:28

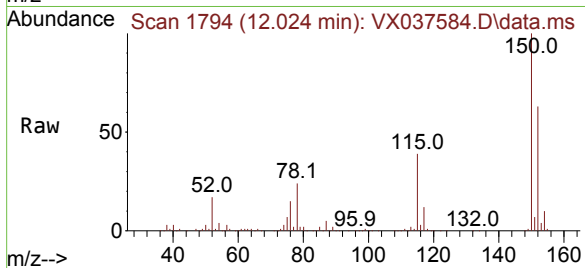
Tgt Ion: 117 Resp: 214475
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 31.2 25.5 38.3



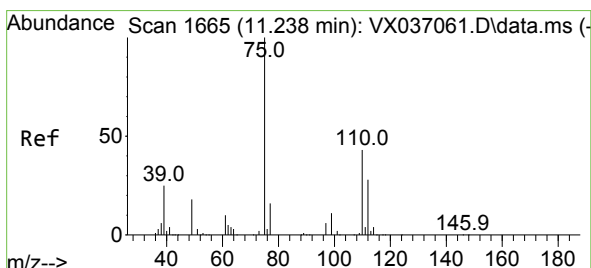
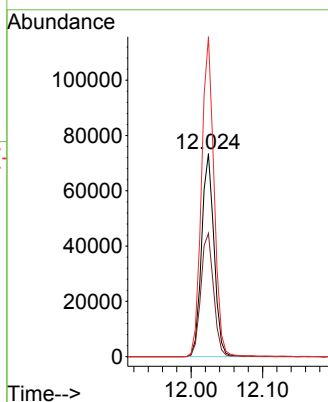
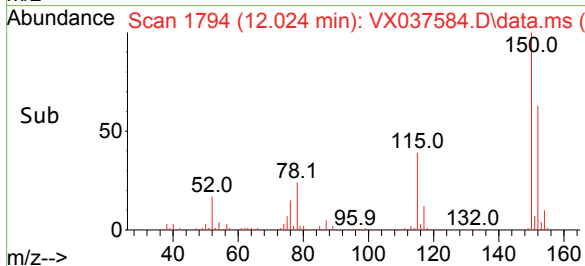


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037584.D
 Acq: 07 Sep 2023 17:28

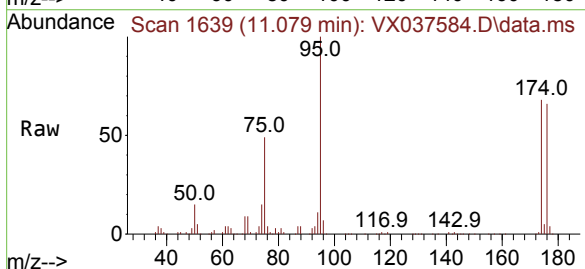
Instrument :
 MSVOA_X
 ClientSampleId :



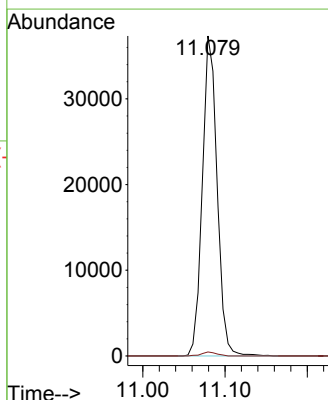
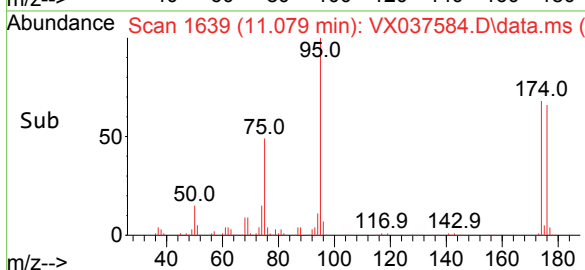
Tgt Ion:152 Resp: 89254
 Ion Ratio Lower Upper
 152 100
 115 62.1 43.3 129.9
 150 157.8 0.0 345.0

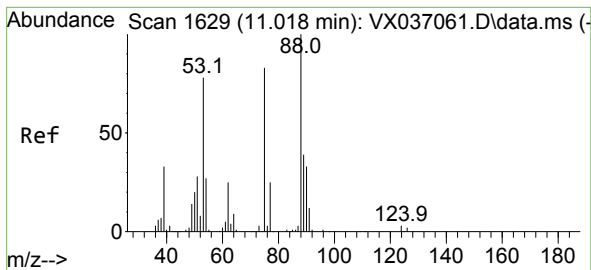


#76
 1,2,3-Trichloropropane
 Concen: 24.581 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037584.D
 Acq: 07 Sep 2023 17:28



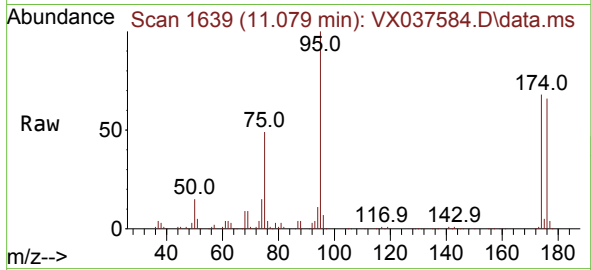
Tgt Ion: 75 Resp: 46724
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.656 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037584.D
 Acq: 07 Sep 2023 17:28

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 46724
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

