

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040463.D
 Acq On : 26 Feb 2024 16:16
 Operator : JC/MD
 Sample : P1578-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20240221

Quant Time: Feb 27 05:10:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

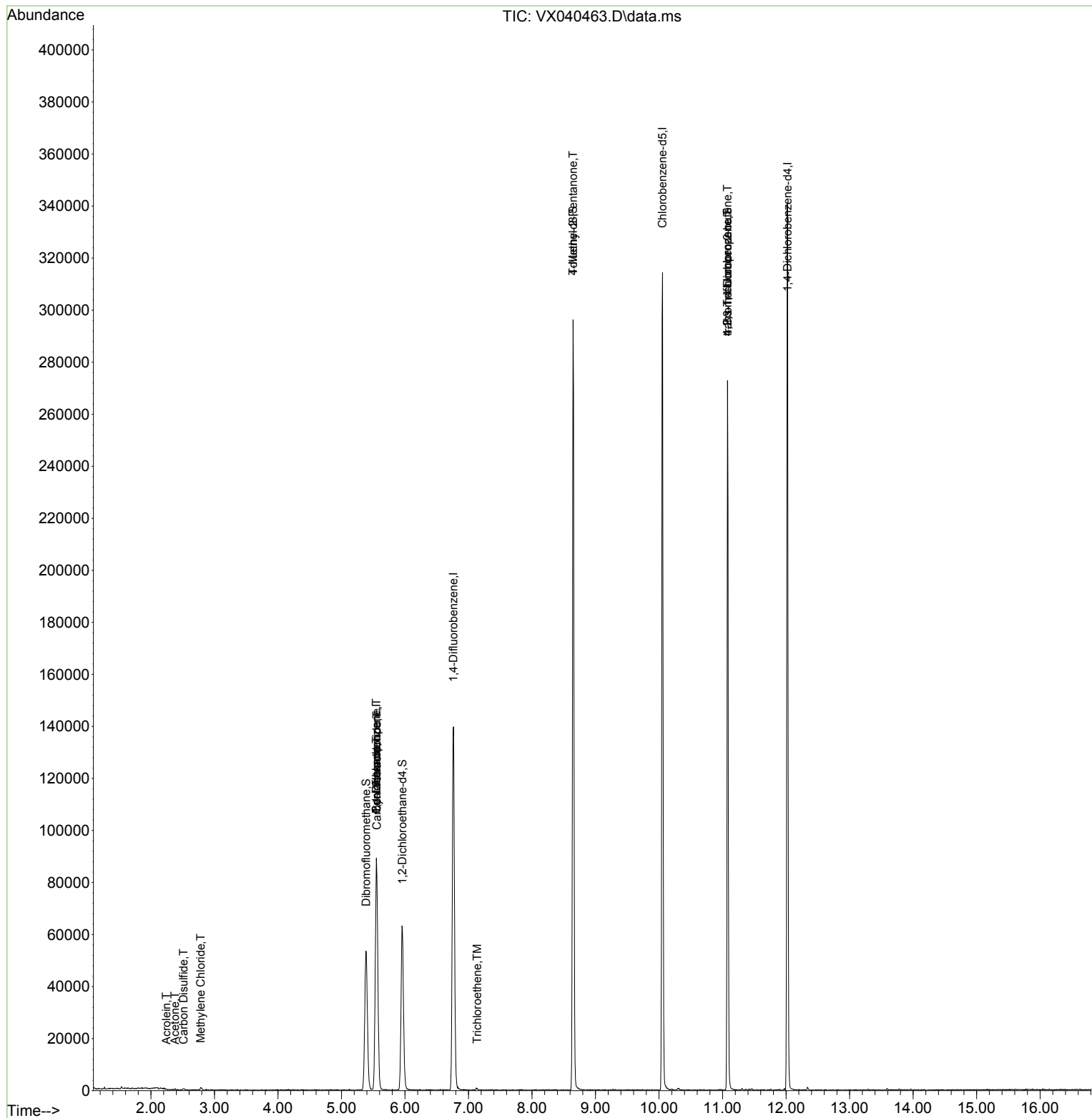
Internal Standards						
1) Pentafluorobenzene	5.550	168	76426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62842	49.162	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.320%
35) Dibromofluoromethane	5.385	113	46254	48.902	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.800%
50) Toluene-d8	8.647	98	169691	49.424	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.840%
62) 4-Bromofluorobenzene	11.079	95	67733	51.753	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.500%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	93	0.675	ug/l	85
16) Acetone	2.380	43	221	0.530	ug/l #	47
17) Carbon Disulfide	2.514	76	620	0.257	ug/l #	76
20) Methylene Chloride	2.782	84	431	0.432	ug/l #	63
31) Cyclohexane	5.550	56	2276	1.572	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	7137	4.897	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8594	6.105	ug/l #	16
44) Trichloroethene	7.135	130	337	0.318	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	1014	0.613	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39151	26.364	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	39151	76.653	ug/l #	5

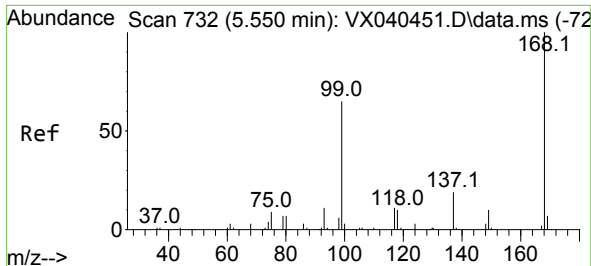
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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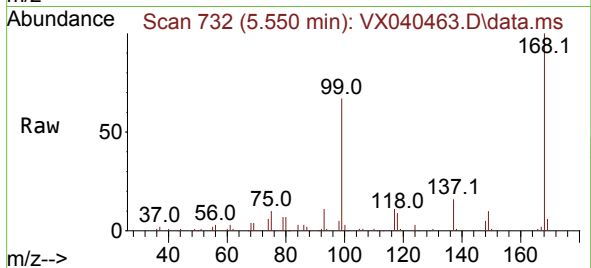
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration



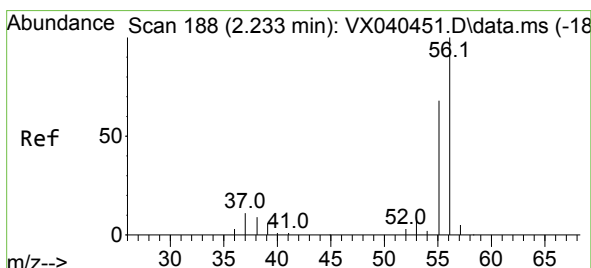
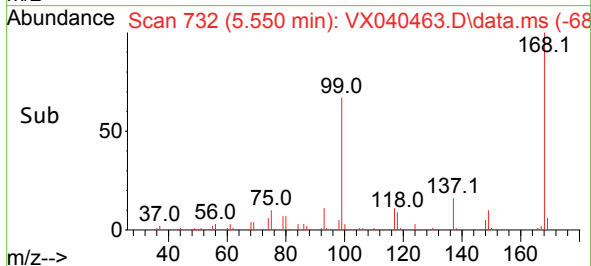
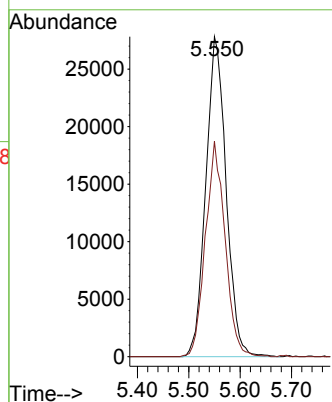


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20240221

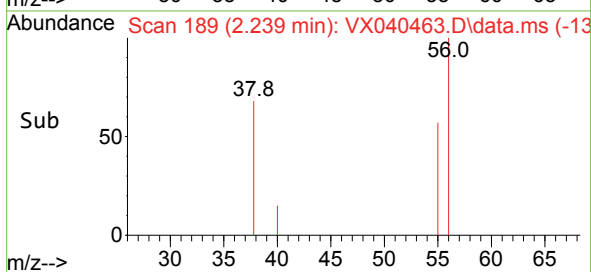
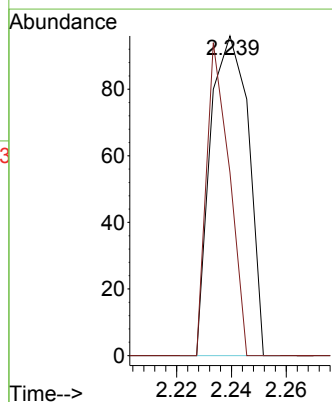
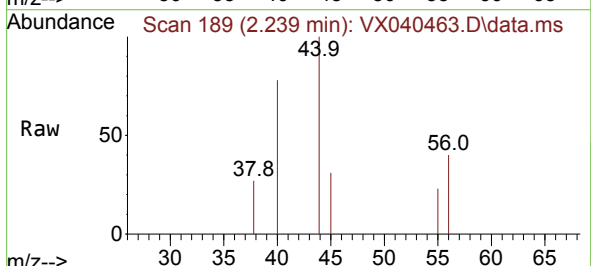


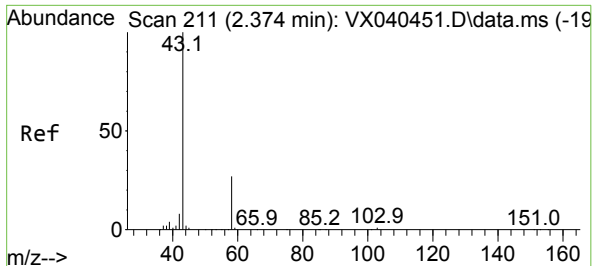
Tgt Ion:168 Resp: 76426
Ion Ratio Lower Upper
168 100
99 67.3 56.6 85.0



#13
Acrolein
Concen: 0.675 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 59.1 57.1 85.7

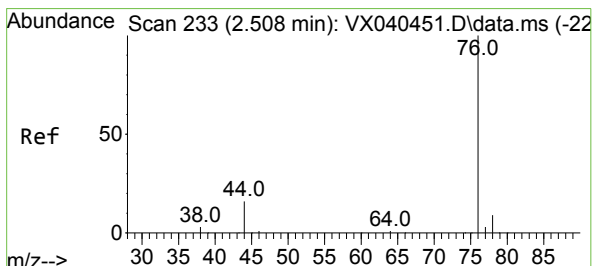
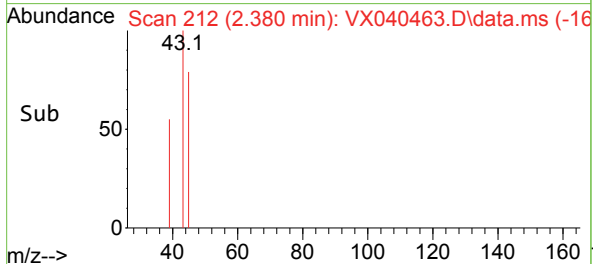
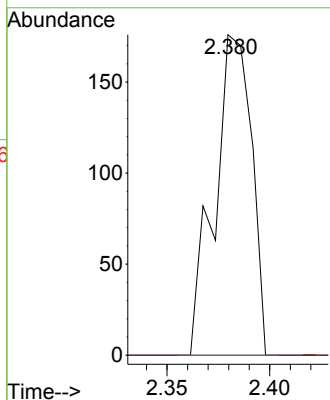
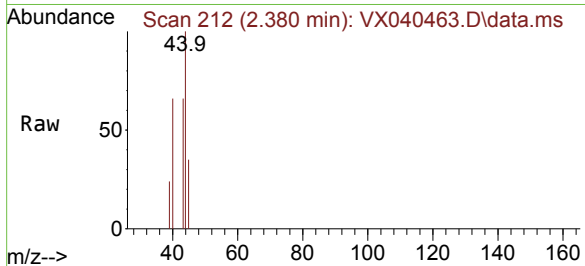




#16
Acetone
Concen: 0.530 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

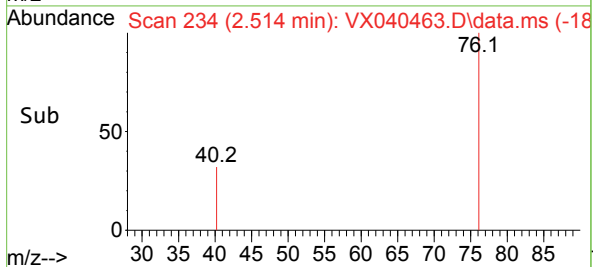
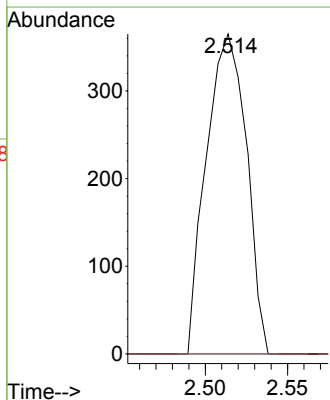
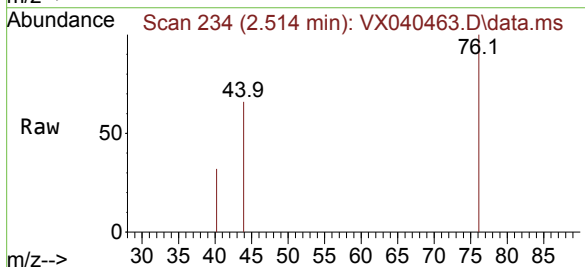
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20240221

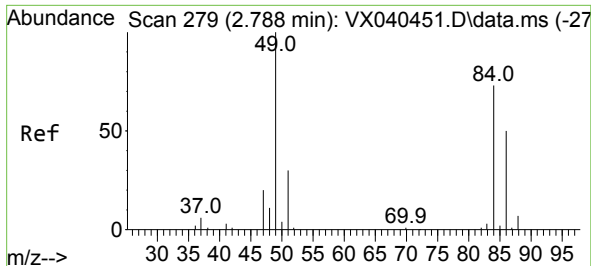
Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.257 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

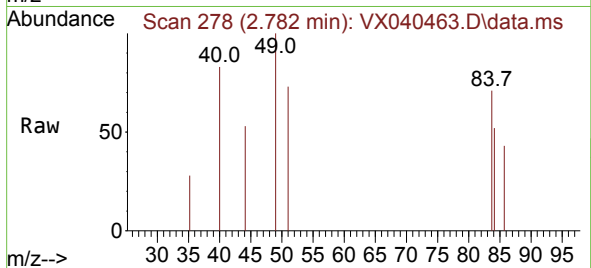
Tgt Ion: 76 Resp: 620
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



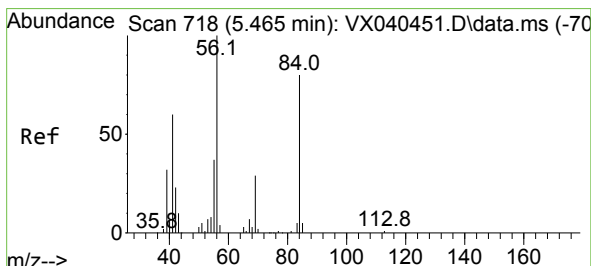
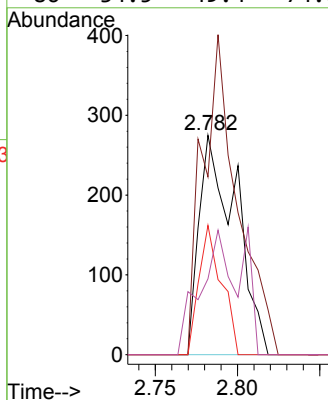
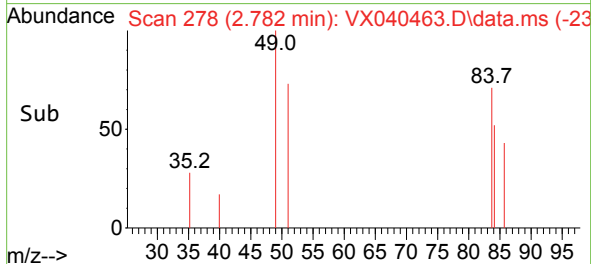


#20
Methylene Chloride
Concen: 0.432 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20240221

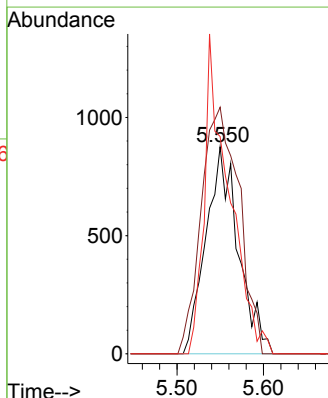
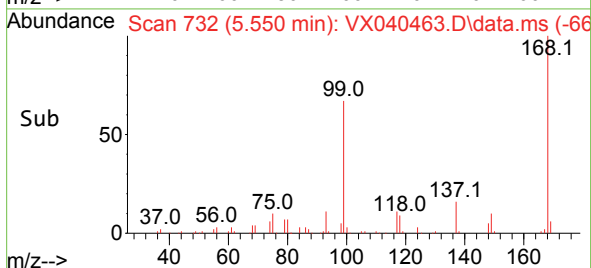
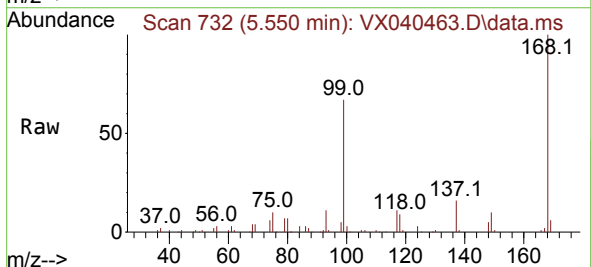


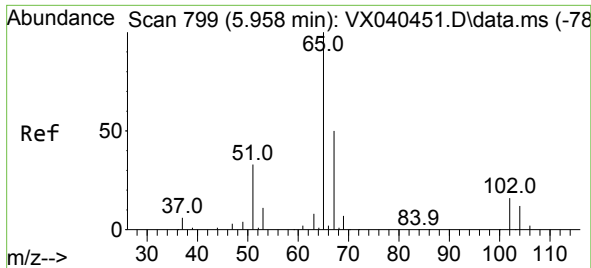
Tgt Ion: 84	Resp: 431
Ion Ratio	Lower Upper
84 100	
49 81.1	103.6 155.4#
51 58.9	33.8 50.6#
86 34.5	49.4 74.0#



#31
Cyclohexane
Concen: 1.572 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

Tgt Ion: 56	Resp: 2276
Ion Ratio	Lower Upper
56 100	
69 119.1	23.4 35.2#
84 104.9	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.162 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040463.D

Acq: 26 Feb 2024 16:16

Instrument :

MSVOA_X

ClientSampleId :

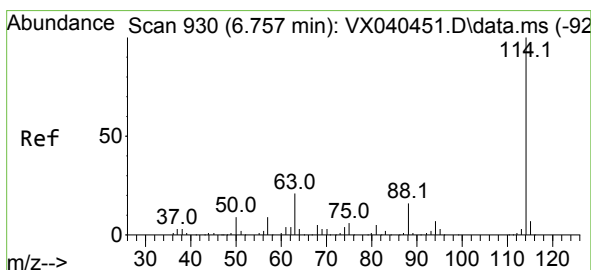
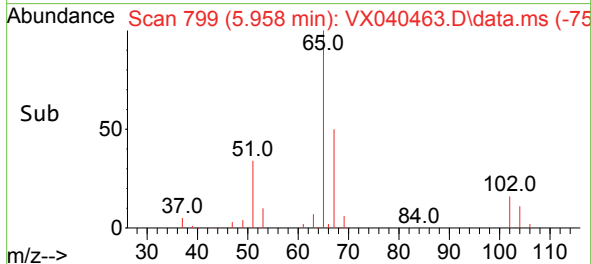
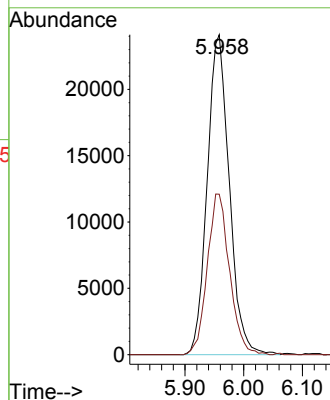
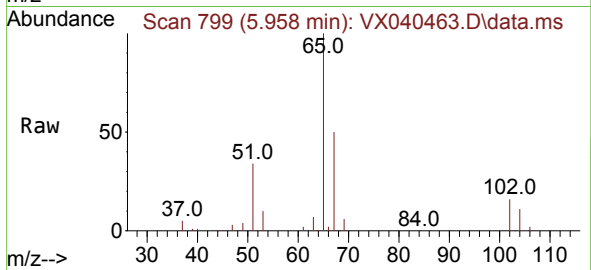
DUP02-20240221

Tgt Ion: 65 Resp: 62842

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040463.D

Acq: 26 Feb 2024 16:16

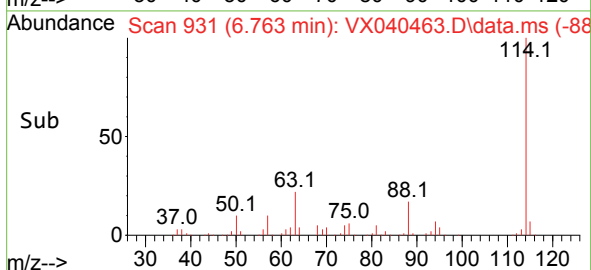
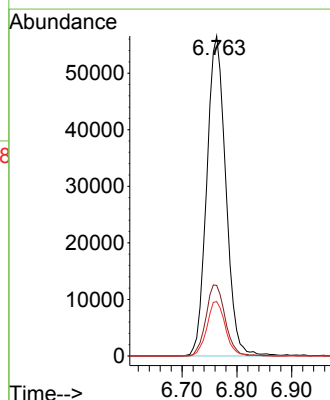
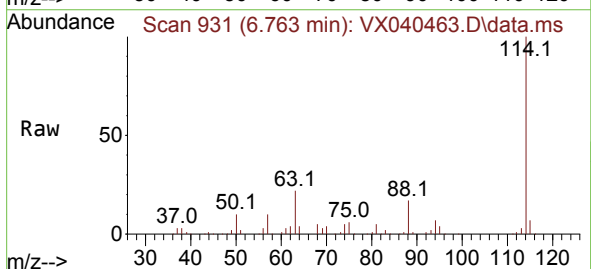
Tgt Ion: 114 Resp: 136018

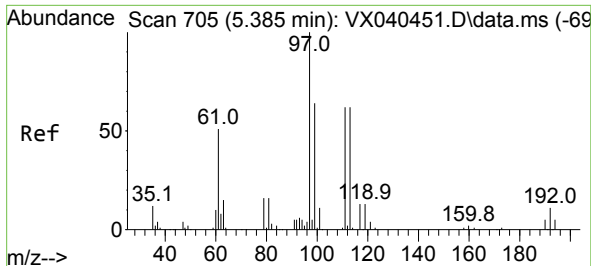
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 17.0 0.0 36.6

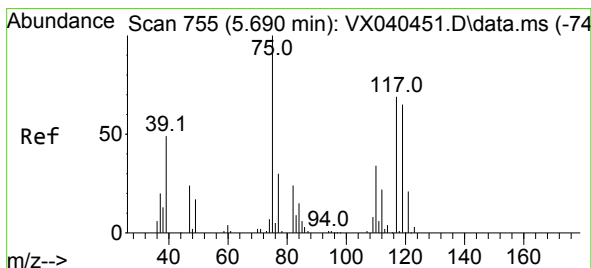
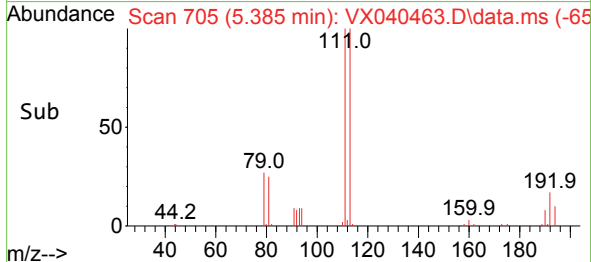
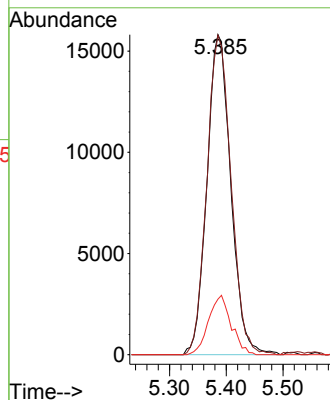
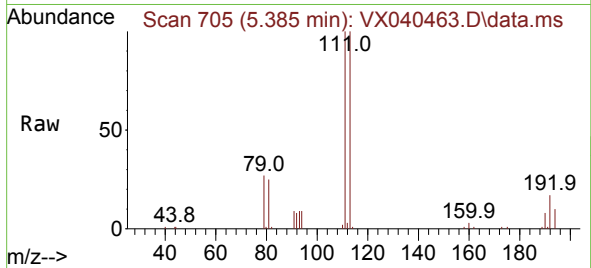




#35
Dibromofluoromethane
Concen: 48.902 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

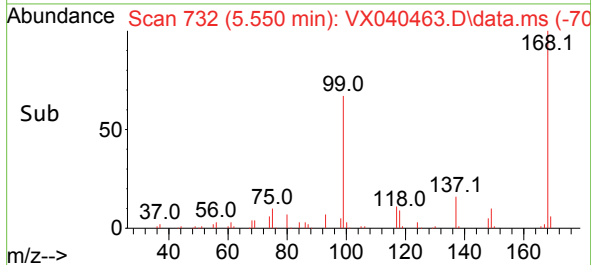
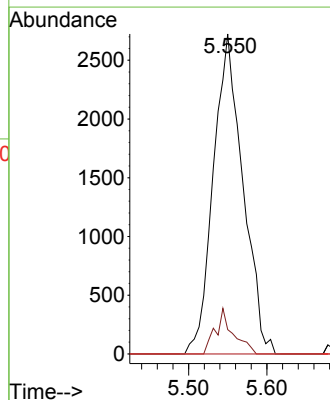
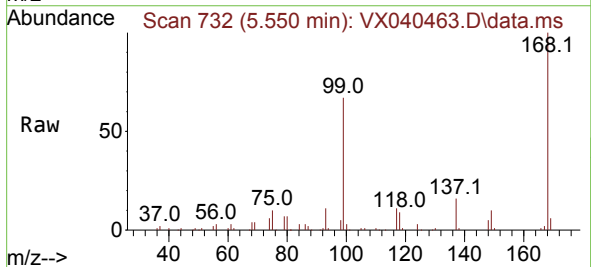
Instrument :
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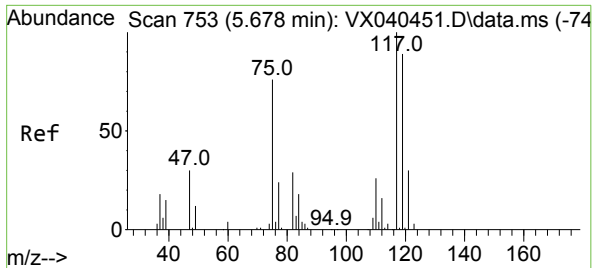
Tgt Ion:113 Resp: 46254
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 17.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

Tgt Ion: 75 Resp: 7137
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#

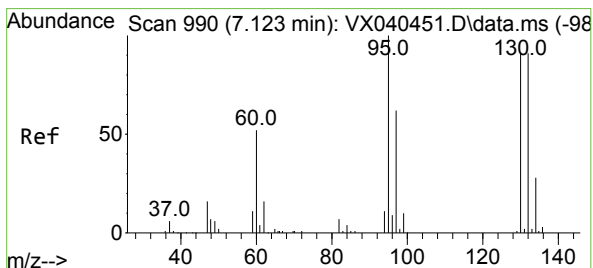
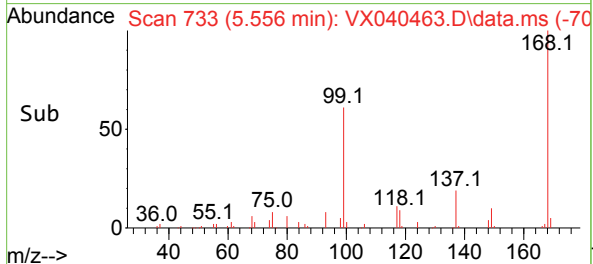
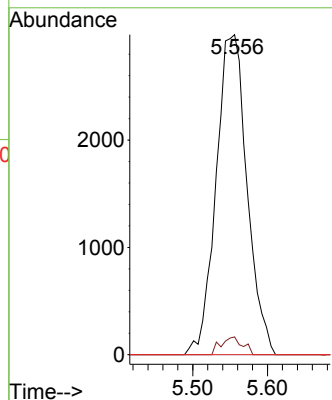
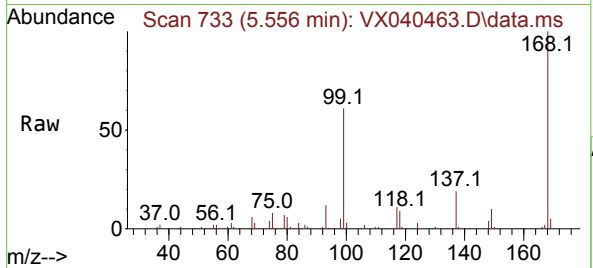




#38
Carbon Tetrachloride
Concen: 6.105 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

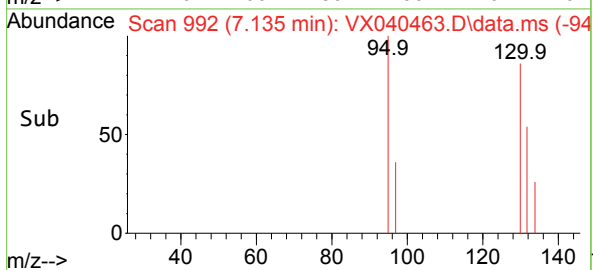
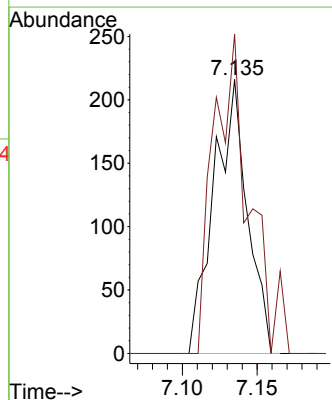
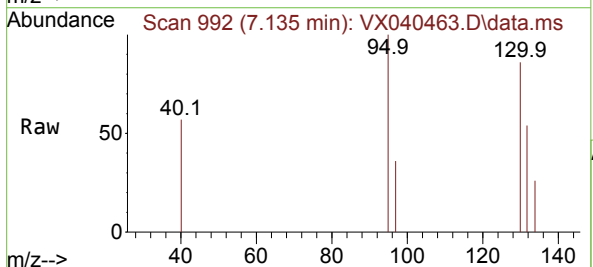
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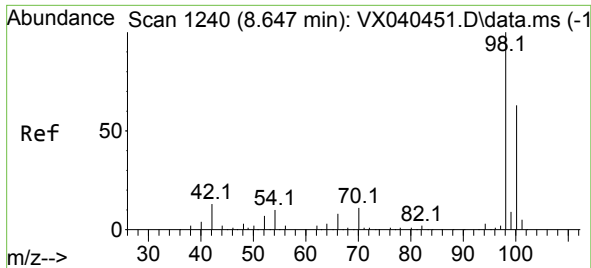
Tgt Ion:117 Resp: 8594
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.318 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

Tgt Ion:130 Resp: 337
Ion Ratio Lower Upper
130 100
95 116.7 0.0 204.4

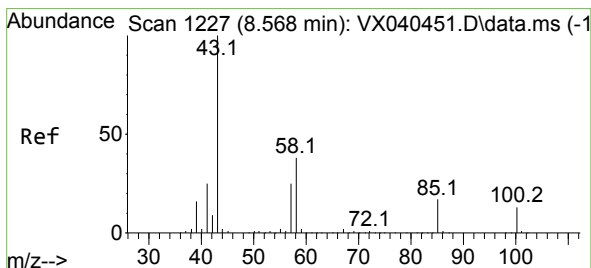
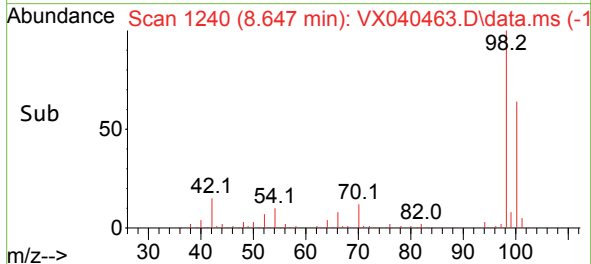
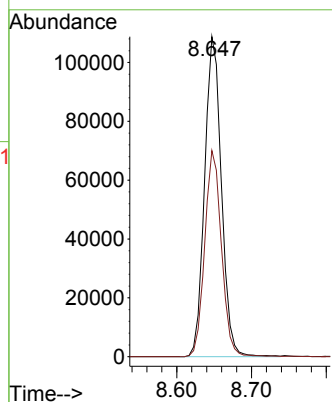
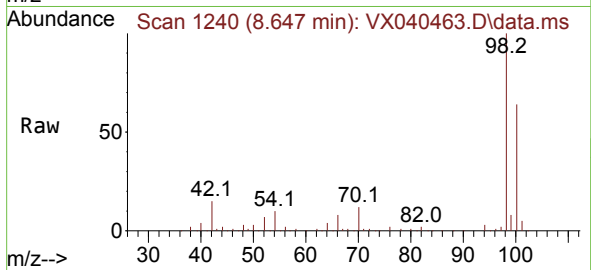




#50
Toluene-d8
Concen: 49.424 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

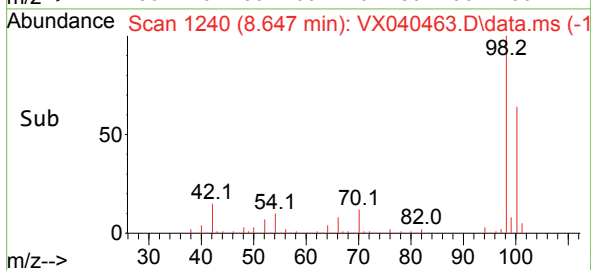
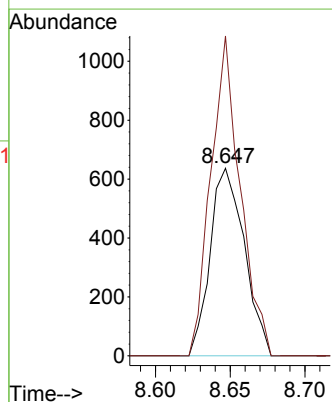
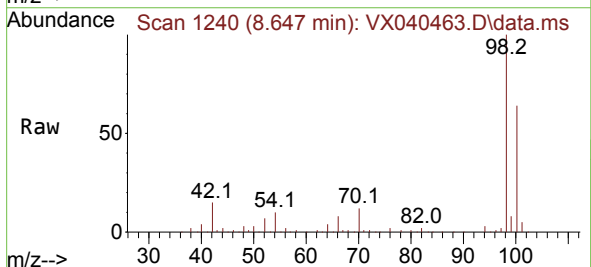
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20240221

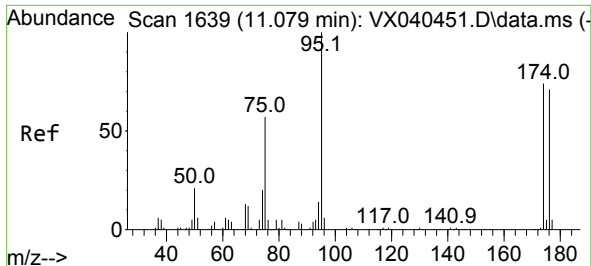
Tgt Ion: 98 Resp: 169691
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 146.8 30.4 45.6#

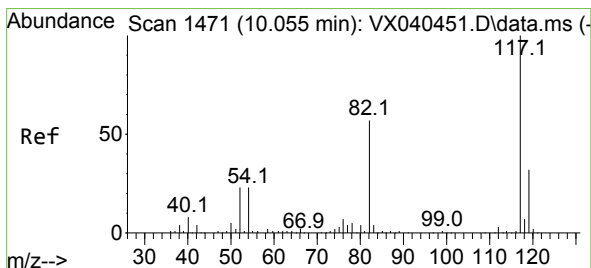
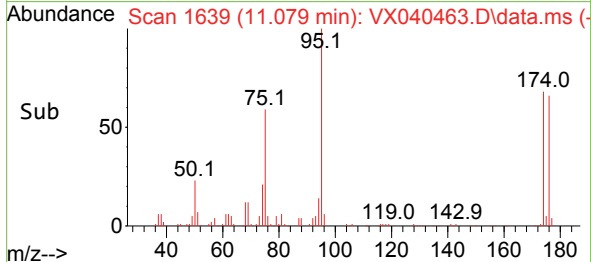
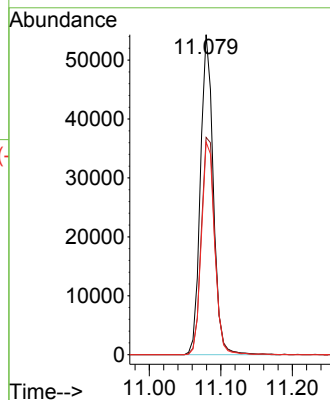
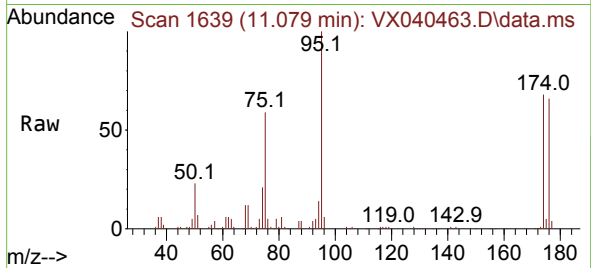




#62
4-Bromofluorobenzene
Concen: 51.753 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

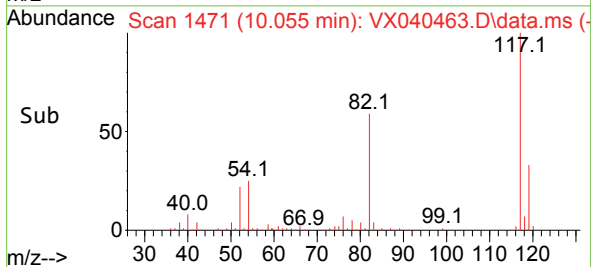
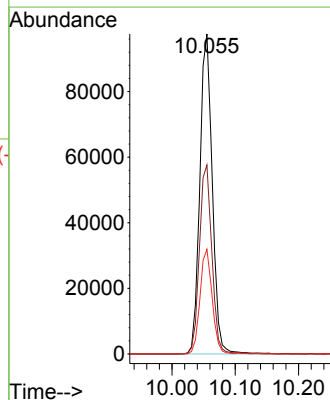
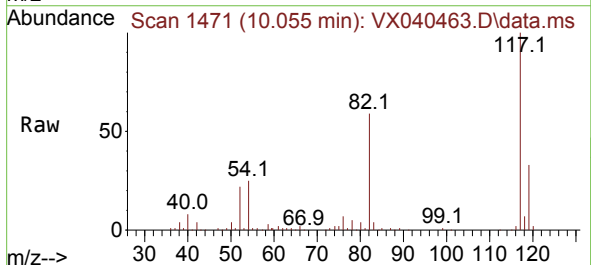
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20240221

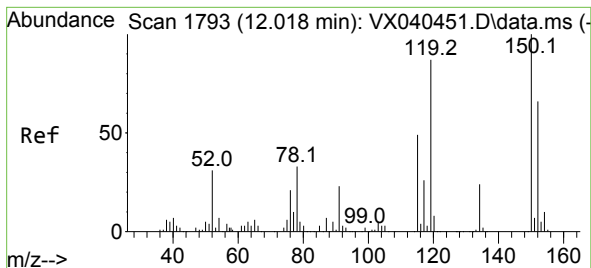
Tgt Ion: 95 Resp: 67733
Ion Ratio Lower Upper
95 100
174 71.9 0.0 135.6
176 68.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040463.D
Acq: 26 Feb 2024 16:16

Tgt Ion: 117 Resp: 133779
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040463.D

Acq: 26 Feb 2024 16:16

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20240221

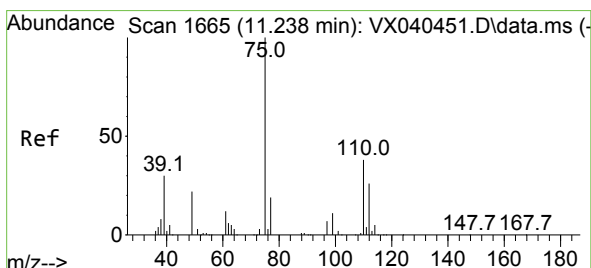
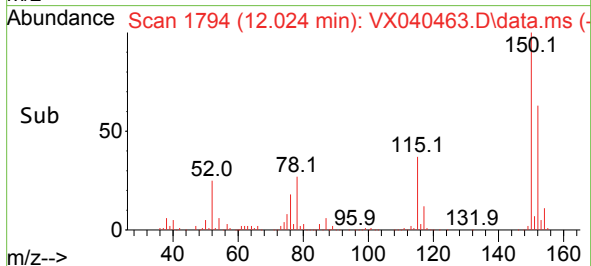
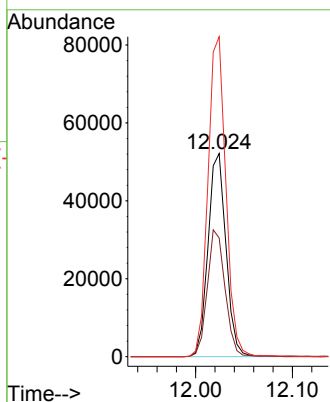
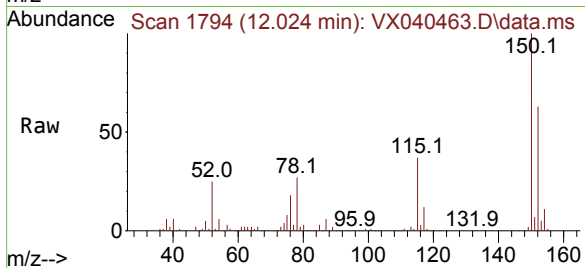
Tgt Ion:152 Resp: 67476

Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 157.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.364 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040463.D

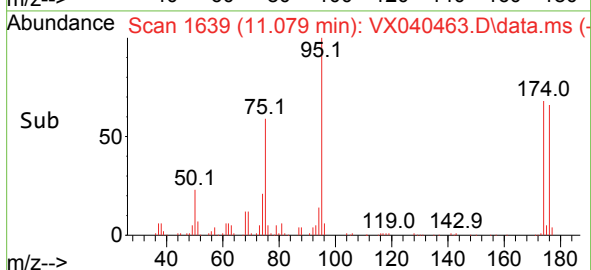
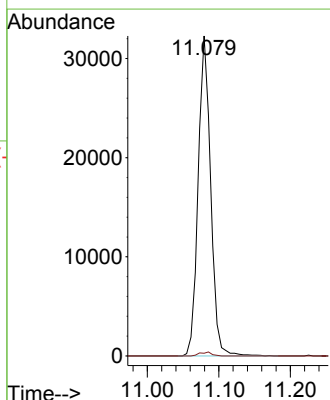
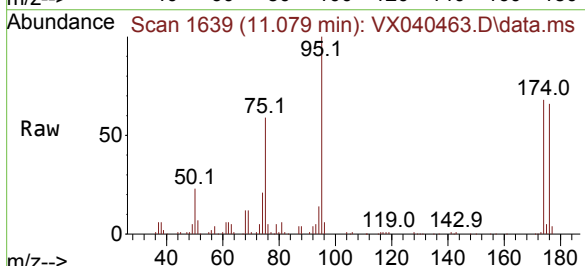
Acq: 26 Feb 2024 16:16

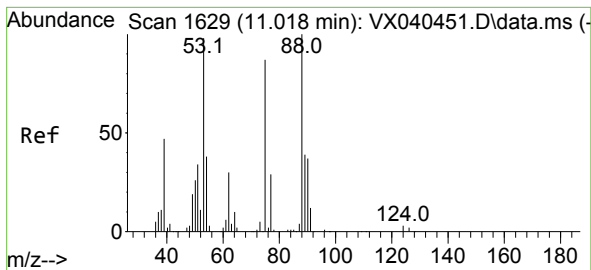
Tgt Ion: 75 Resp: 39151

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.653 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040463.D
 Acq: 26 Feb 2024 16:16

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20240221

Tgt Ion: 75 Resp: 39151
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

