

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039776.D
 Acq On : 16 Jan 2024 15:54
 Operator : JC/MD
 Sample : P1149-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 01:50:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	96722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179825	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88325	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73596	45.423	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.840%
35) Dibromofluoromethane	5.385	113	58170	48.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	8.647	98	227417	49.784	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	93560	52.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.740%

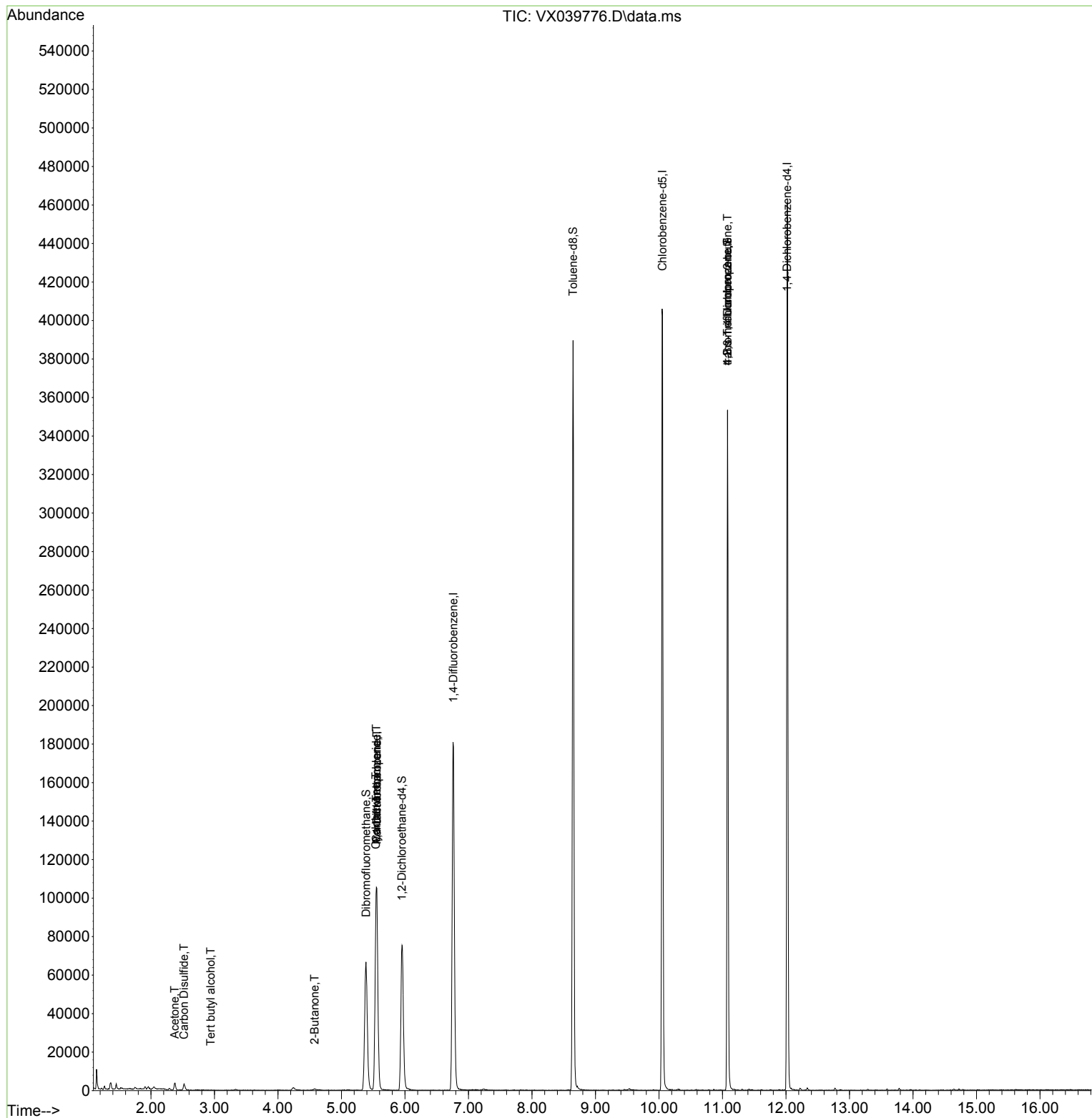
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.941	59	151	0.358	ug/l	# 78
13) Acrolein	2.233	56	25	Below Cal		# 14
16) Acetone	2.374	43	3985	4.373	ug/l	96
17) Carbon Disulfide	2.520	76	674	0.201	ug/l	# 76
25) 2-Butanone	4.574	43	822	0.628	ug/l	# 51
31) Cyclohexane	5.544	56	2569	1.201	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	8807	4.671	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	10674	6.182	ug/l	# 14
76) 1,2,3-Trichloropropane	11.079	75	51594	22.531	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	51594	65.213	ug/l	# 5

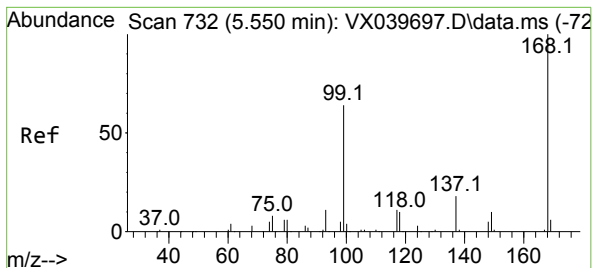
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 17 01:50:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

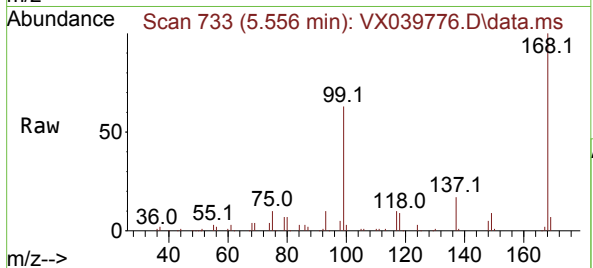
Lab File: VX039776.D

Acq: 16 Jan 2024 15:54

Instrument :

MSVOA_X

ClientSampleId :

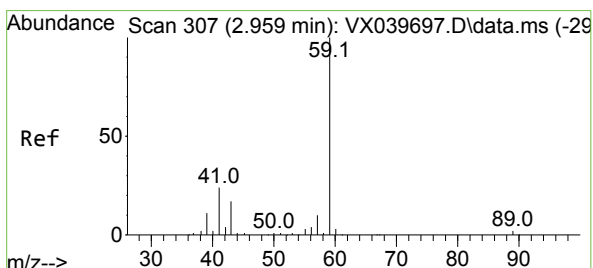
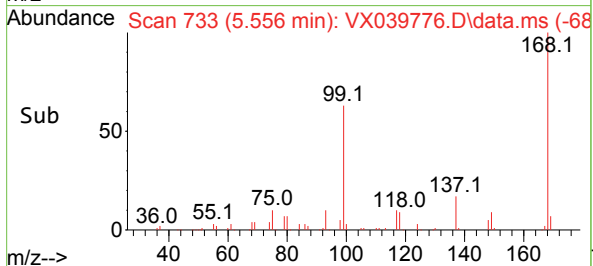
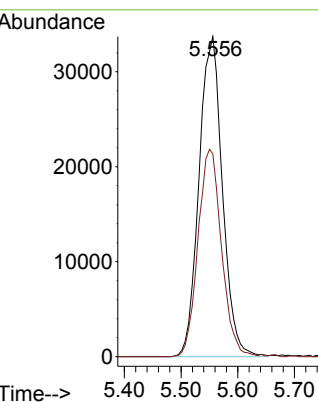


Tgt Ion:168 Resp: 96722

Ion Ratio Lower Upper

168 100

99 63.4 56.6 85.0



#11

Tert butyl alcohol

Concen: 0.358 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.018 min

Lab File: VX039776.D

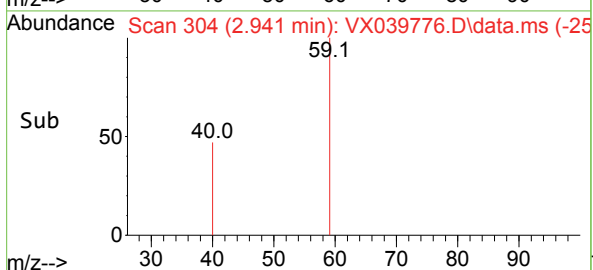
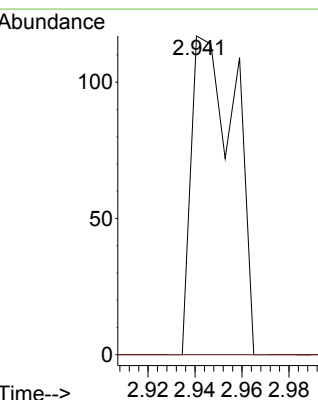
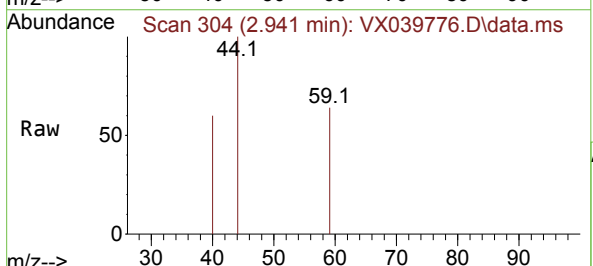
Acq: 16 Jan 2024 15:54

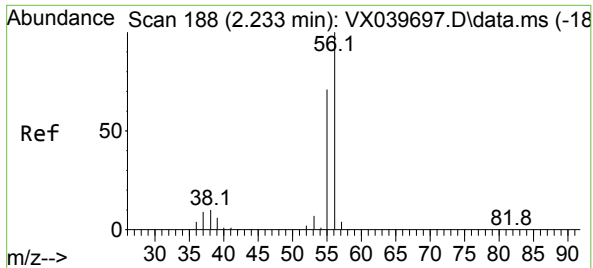
Tgt Ion: 59 Resp: 151

Ion Ratio Lower Upper

59 100

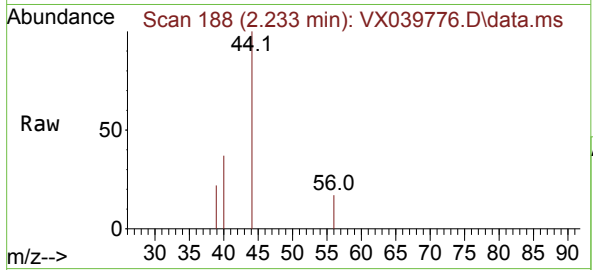
57 0.0 6.0 9.0#



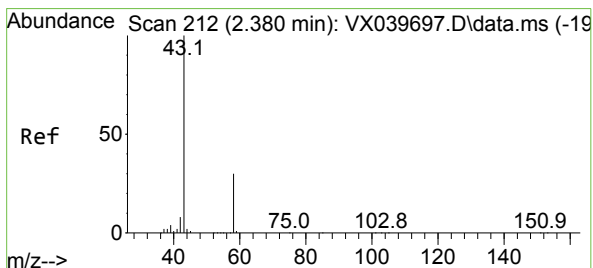
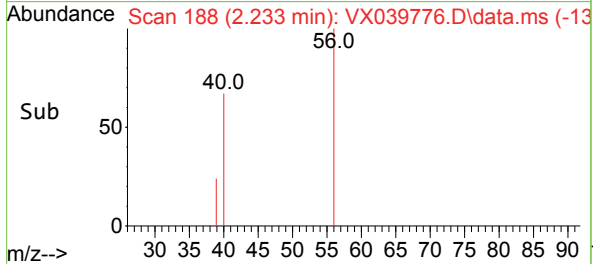
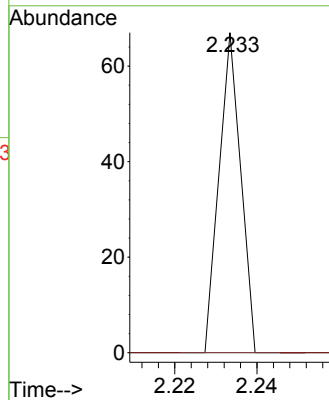


#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039776.D
Acq: 16 Jan 2024 15:54

Instrument :
MSVOA_X
ClientSampleId :

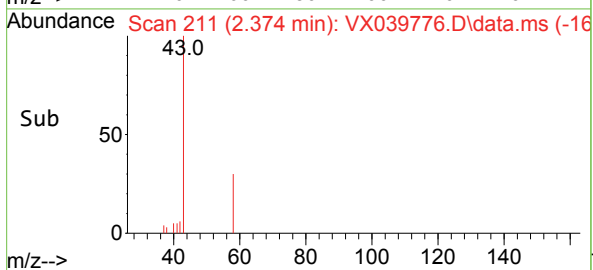
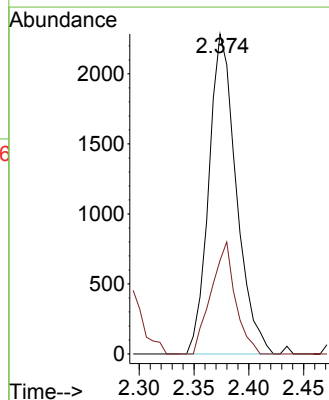
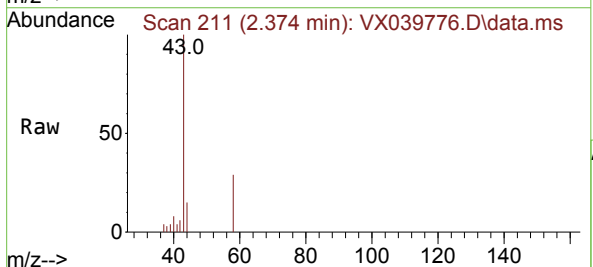


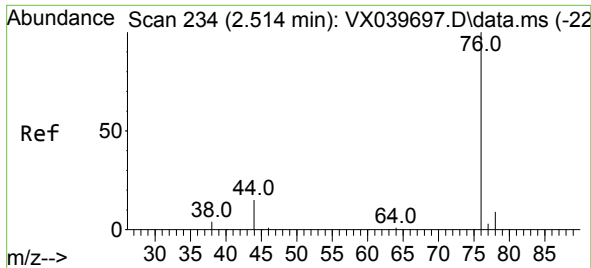
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 4.373 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039776.D
Acq: 16 Jan 2024 15:54

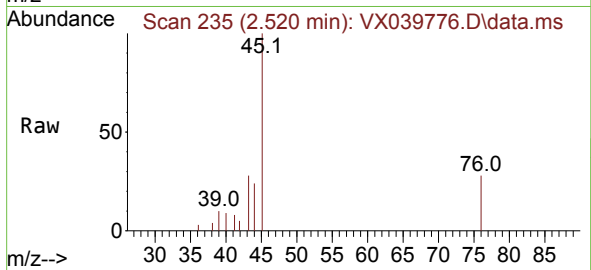
Tgt Ion: 43 Resp: 3985
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9



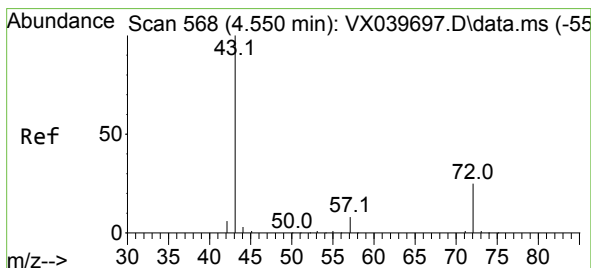
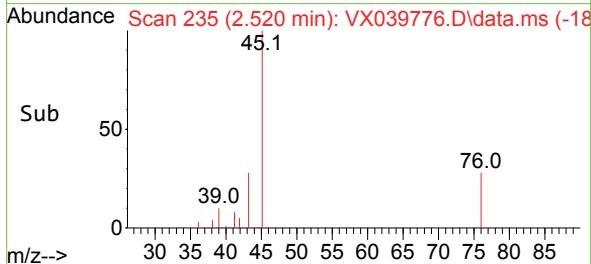
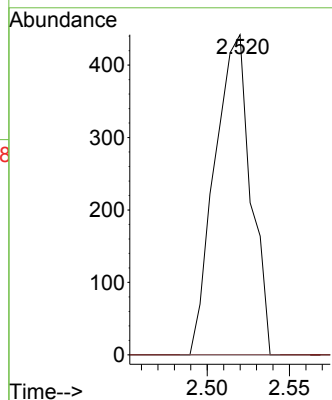


#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039776.D
Acq: 16 Jan 2024 15:54

Instrument :
MSVOA_X
ClientSampleId :

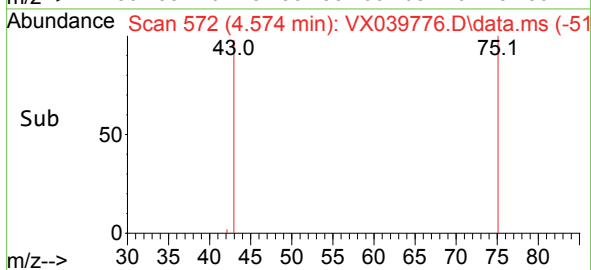
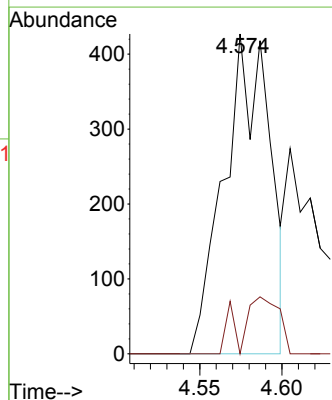
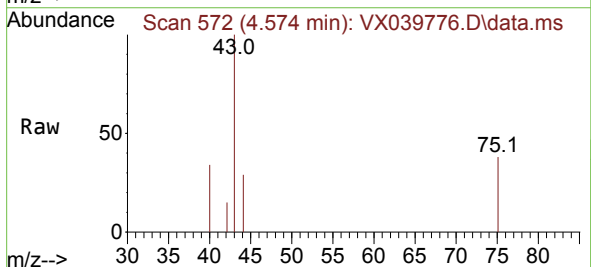


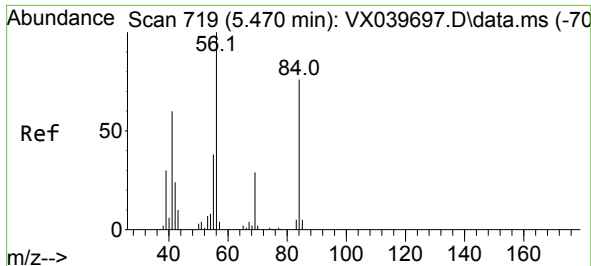
Tgt Ion: 76 Resp: 674
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#25
2-Butanone
Concen: 0.628 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.025 min
Lab File: VX039776.D
Acq: 16 Jan 2024 15:54

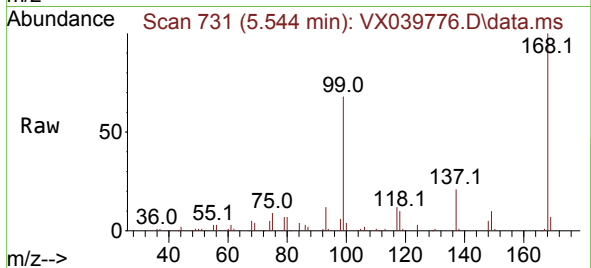
Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



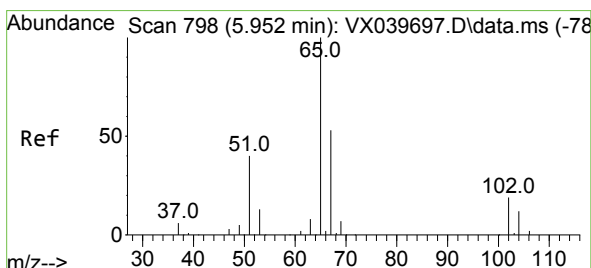
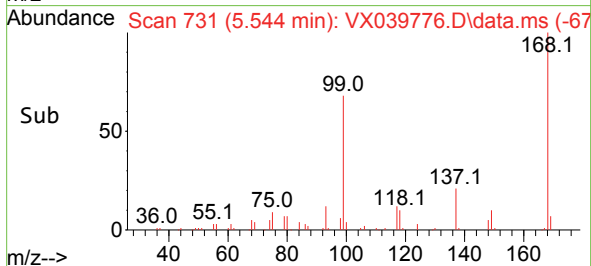
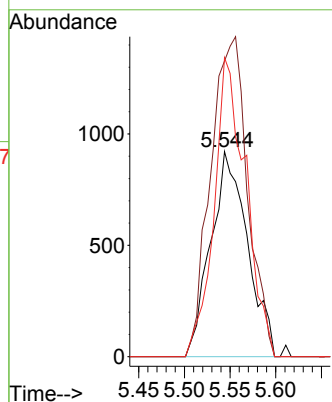


#31
Cyclohexane
Concen: 1.201 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039776.D
Acq: 16 Jan 2024 15:54

Instrument :
MSVOA_X
ClientSampleId :

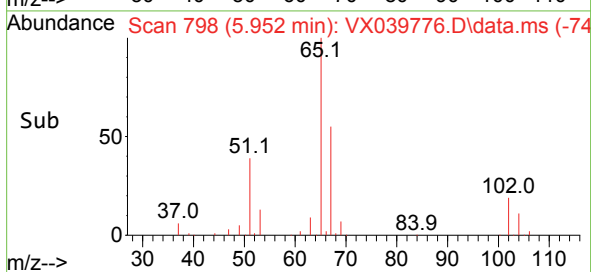
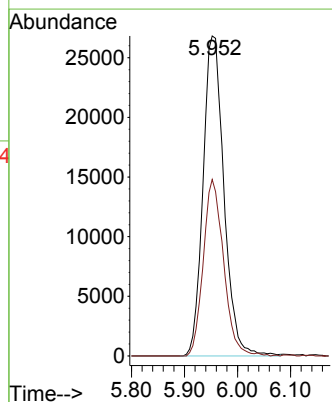
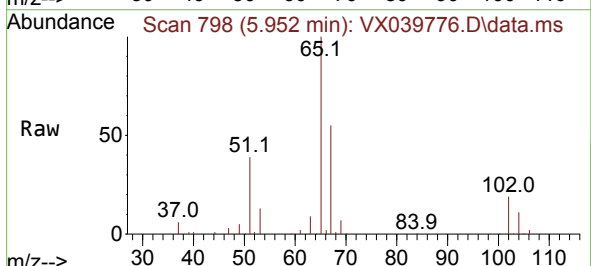


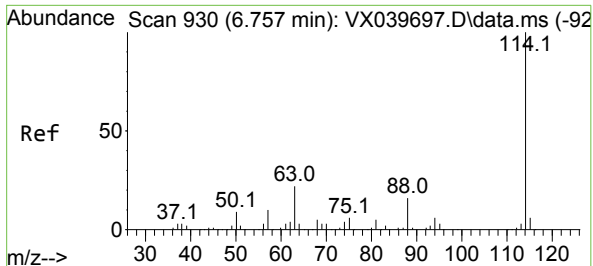
Tgt Ion: 56 Resp: 2569
Ion Ratio Lower Upper
56 100
69 144.2 23.4 35.2#
84 145.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.423 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039776.D
Acq: 16 Jan 2024 15:54

Tgt Ion: 65 Resp: 73596
Ion Ratio Lower Upper
65 100
67 53.6 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX039776.D

Acq: 16 Jan 2024 15:54

Instrument :

MSVOA_X

ClientSampleId :

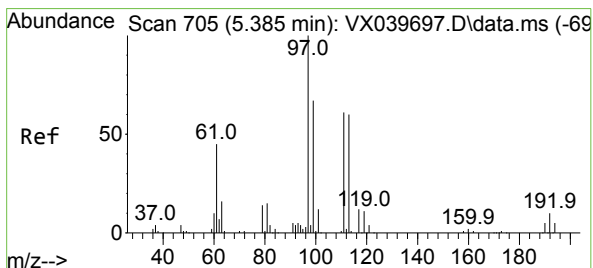
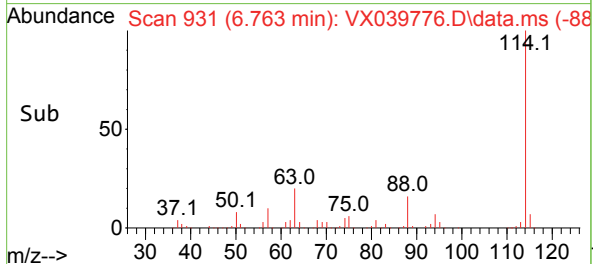
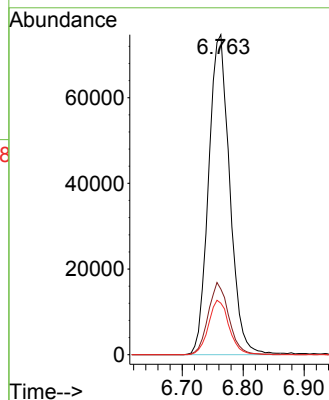
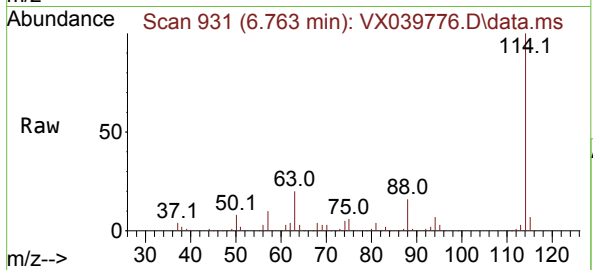
Tgt Ion:114 Resp: 179825

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 16.1 0.0 36.6



#35

Dibromofluoromethane

Concen: 48.027 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039776.D

Acq: 16 Jan 2024 15:54

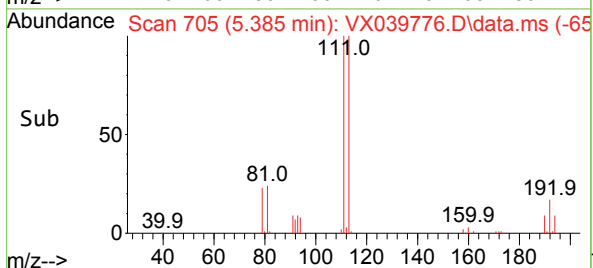
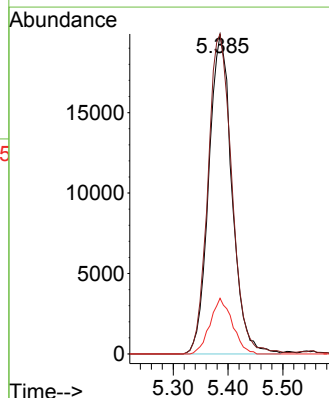
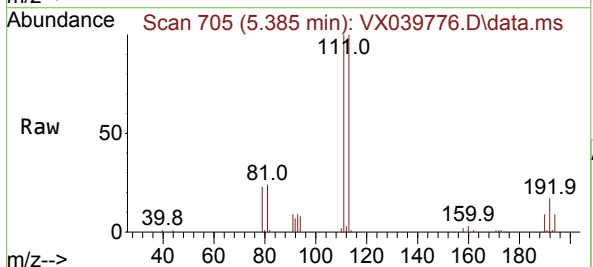
Tgt Ion:113 Resp: 58170

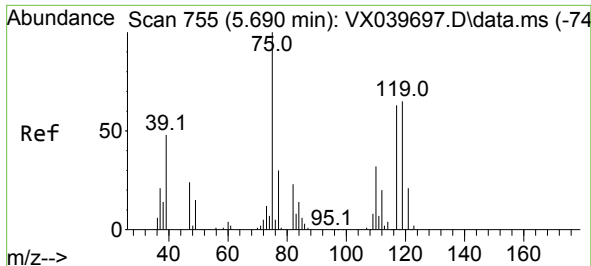
Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

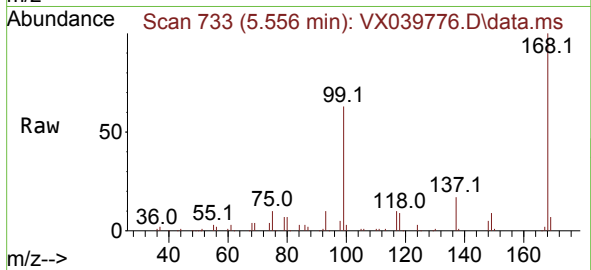
192 16.8 13.3 19.9



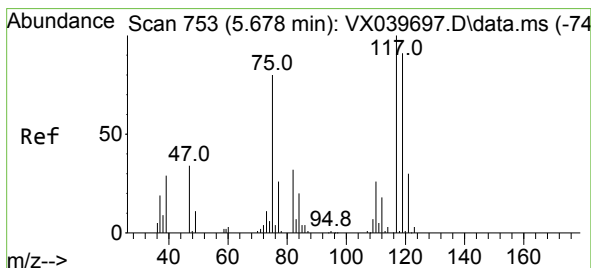
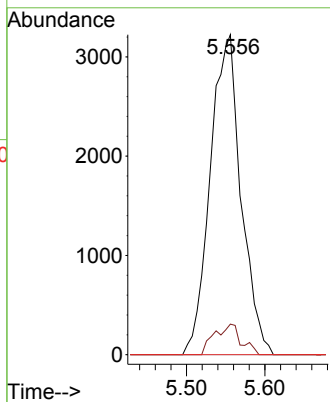
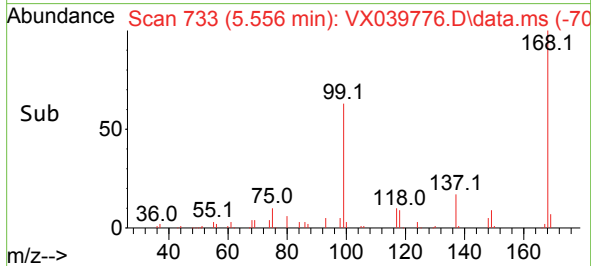


#36
 1,1-Dichloropropene
 Concen: 4.671 ug/l
 RT: 5.556 min Scan# 713
 Delta R.T. -0.134 min
 Lab File: VX039776.D
 Acq: 16 Jan 2024 15:54

Instrument :
 MSVOA_X
 ClientSampleId :

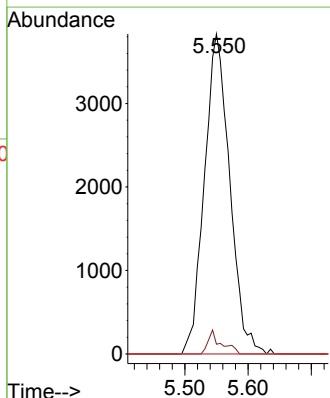
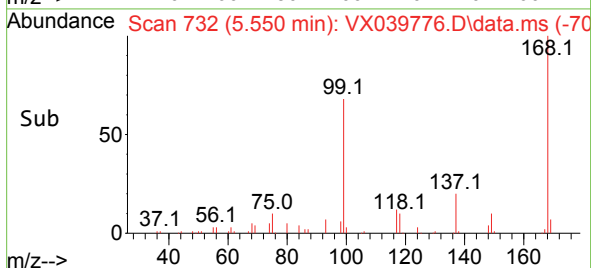
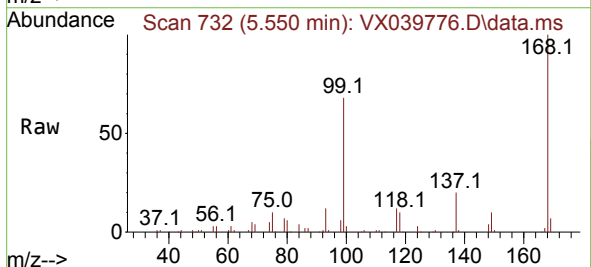


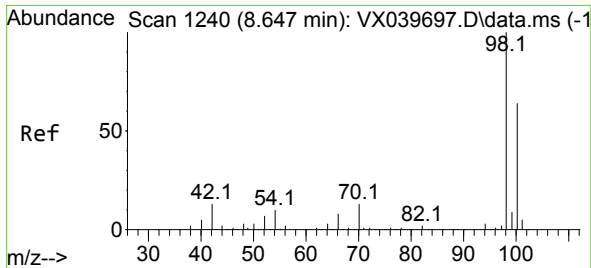
Tgt Ion: 75 Resp: 8807
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.182 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX039776.D
 Acq: 16 Jan 2024 15:54

Tgt Ion: 117 Resp: 10674
 Ion Ratio Lower Upper
 117 100
 119 3.1 78.2 117.2#
 121 0.0 24.4 36.6#

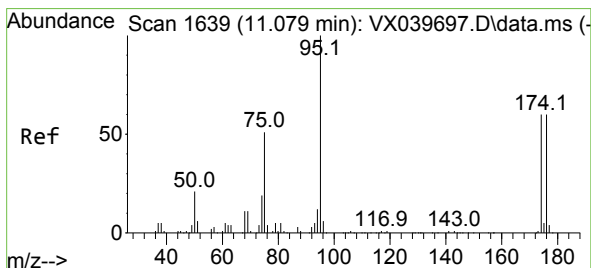
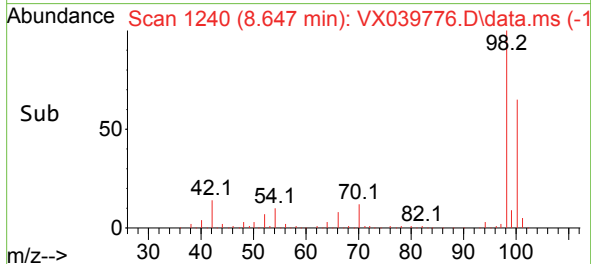
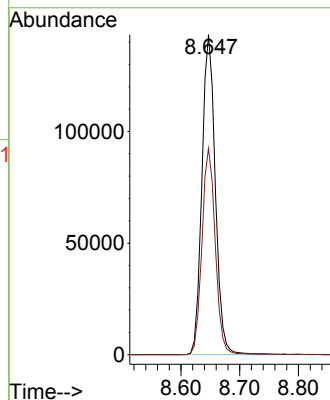
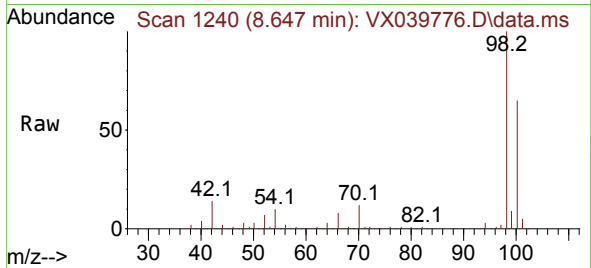




#50
Toluene-d8
Concen: 49.784 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039776.D
Acq: 16 Jan 2024 15:54

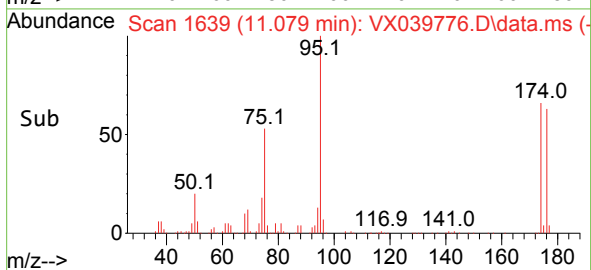
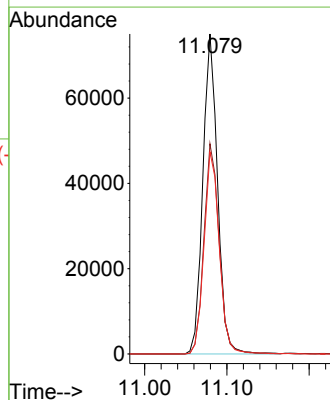
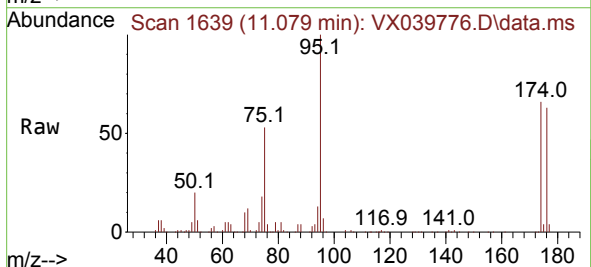
Instrument :
MSVOA_X
ClientSampleId :

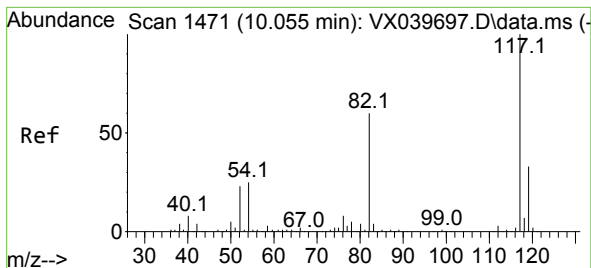
Tgt Ion: 98 Resp: 227417
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039776.D
Acq: 16 Jan 2024 15:54

Tgt Ion: 95 Resp: 93560
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.6
176 65.5 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: VX039776.D

Acq: 16 Jan 2024 15:54

Instrument :

MSVOA_X

ClientSampleId :

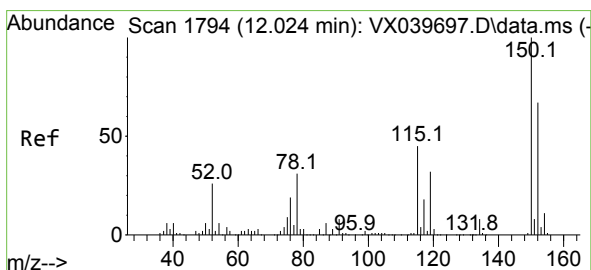
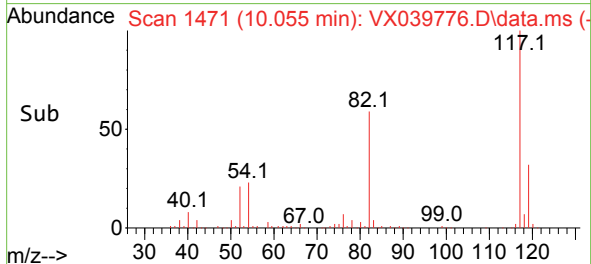
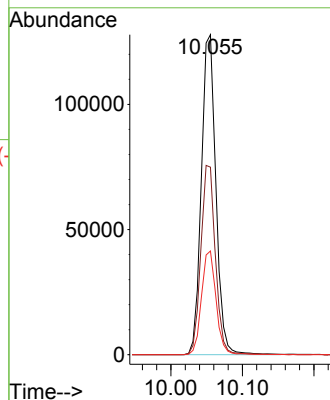
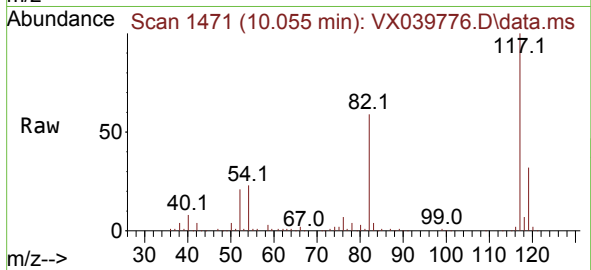
Tgt Ion:117 Resp: 180594

Ion Ratio Lower Upper

117 100

82 58.6 46.2 69.4

119 32.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039776.D

Acq: 16 Jan 2024 15:54

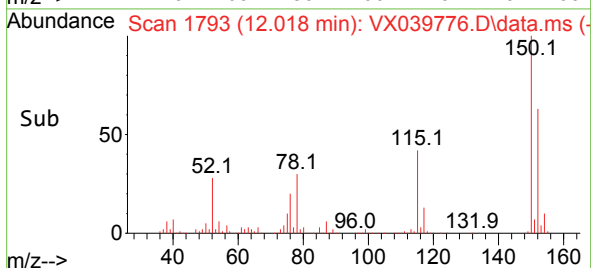
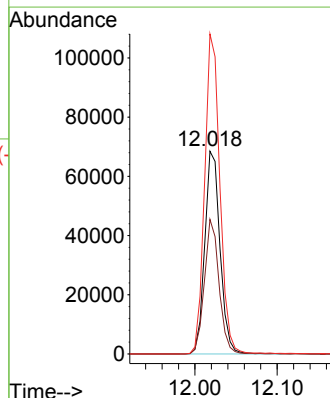
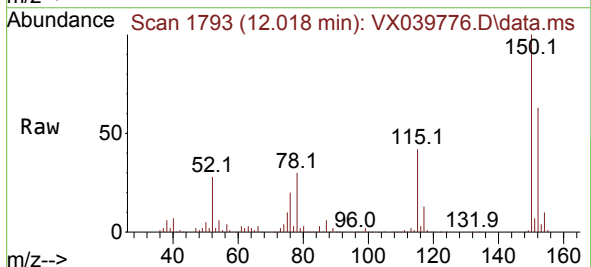
Tgt Ion:152 Resp: 88325

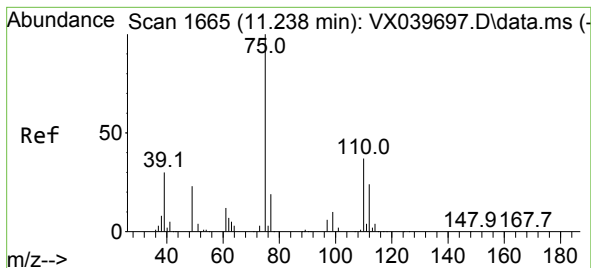
Ion Ratio Lower Upper

152 100

115 63.9 43.3 129.9

150 157.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.531 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX039776.D

Acq: 16 Jan 2024 15:54

Instrument :

MSVOA_X

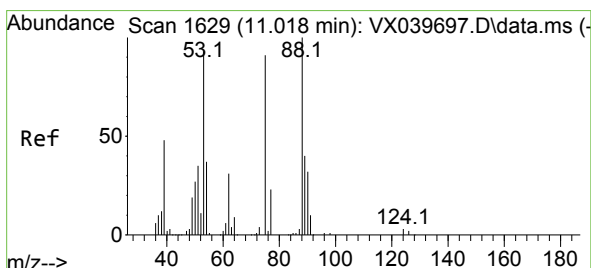
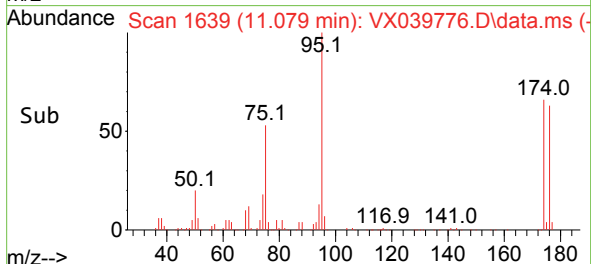
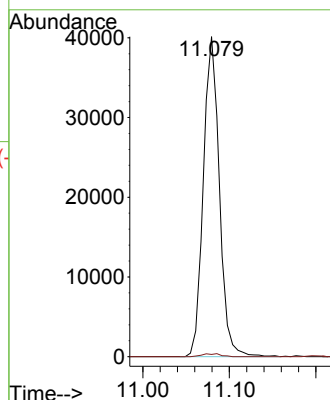
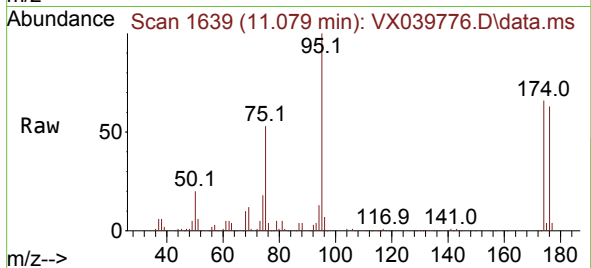
ClientSampleId :

Tgt Ion: 75 Resp: 51594

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.213 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039776.D

Acq: 16 Jan 2024 15:54

Tgt Ion: 75 Resp: 51594

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

