

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040257.D
 Acq On : 15 Feb 2024 17:08
 Operator : JC/MD
 Sample : P1491-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20241095-35N-N-FIELD-BLANK-1

Quant Time: Feb 16 00:52:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

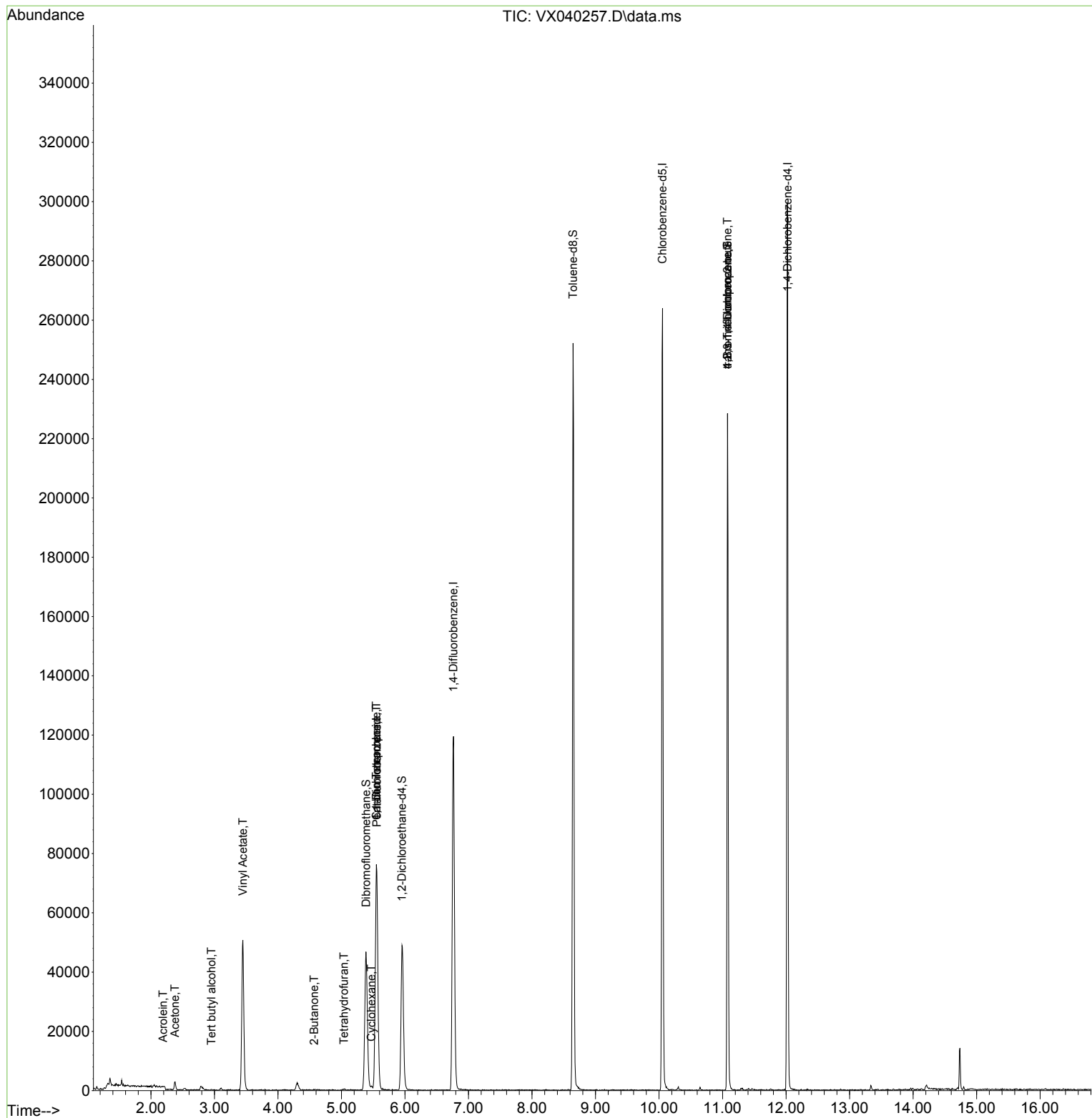
Internal Standards						
1) Pentafluorobenzene	5.556	168	71778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47262	44.259	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.520%		
35) Dibromofluoromethane	5.385	113	40319	46.987	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.980%		
50) Toluene-d8	8.647	98	146940	45.778	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.560%#		
62) 4-Bromofluorobenzene	11.079	95	58210	44.466	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.940%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	131	0.630	ug/l #	71
13) Acrolein	2.191	56	245	1.276	ug/l #	54
16) Acetone	2.380	43	2967	6.765	ug/l	99
20) Methylene Chloride	2.782	84	599	Below Cal	#	85
23) Vinyl Acetate	3.447	43	12580	5.471	ug/l #	57
25) 2-Butanone	4.568	43	144	0.210	ug/l #	51
29) Tetrahydrofuran	5.038	42	241	0.540	ug/l #	41
31) Cyclohexane	5.471	56	634	0.498	ug/l #	91
36) 1,1-Dichloropropene	5.550	75	5734	4.770	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7250	6.344	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	31256	24.825	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	31256	68.312	ug/l #	5

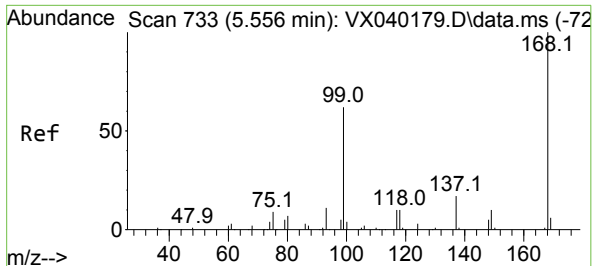
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
Data File : VX040257.D
Acq On : 15 Feb 2024 17:08
Operator : JC/MD
Sample : P1491-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

Quant Time: Feb 16 00:52:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

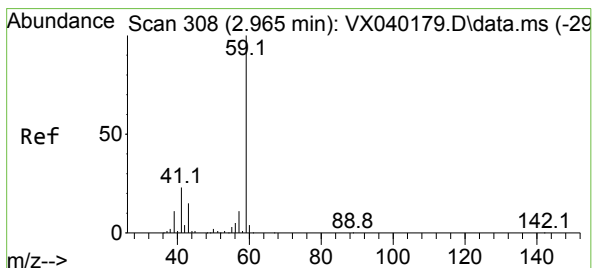
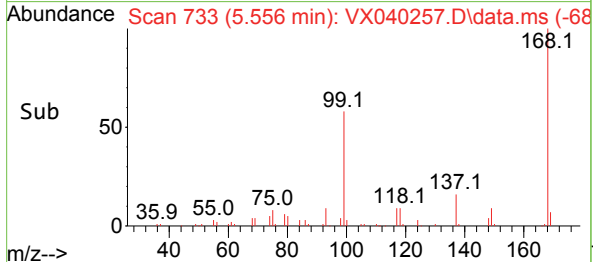
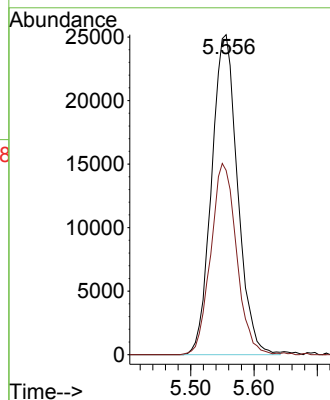
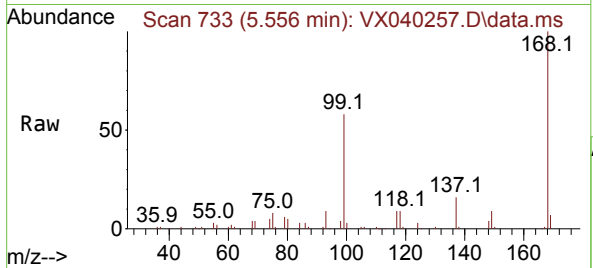




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040257.D
Acq: 15 Feb 2024 17:08

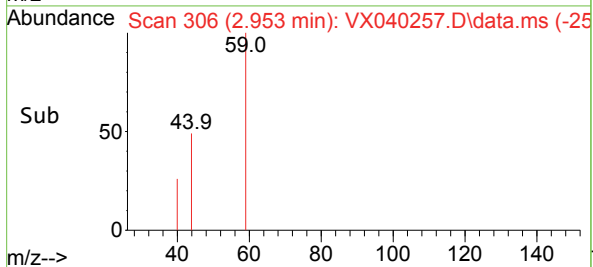
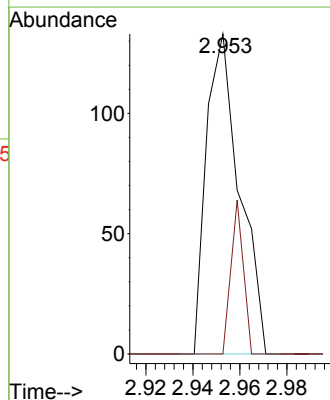
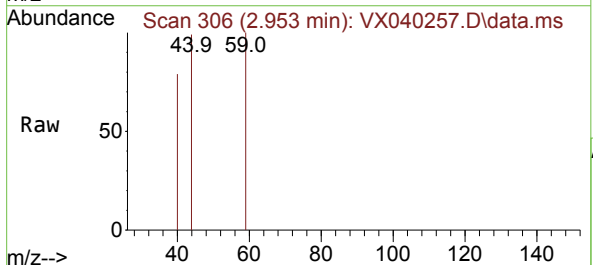
Instrument :
MSVOA_X
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

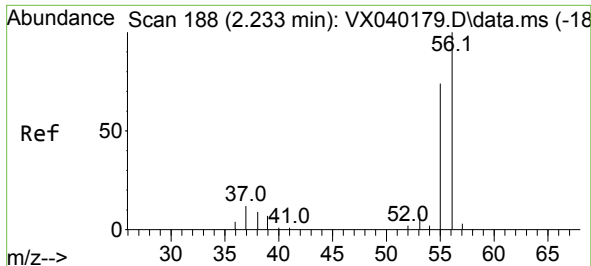
Tgt Ion:168 Resp: 71778
Ion Ratio Lower Upper
168 100
99 57.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.630 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX040257.D
Acq: 15 Feb 2024 17:08

Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 17.6 6.0 9.0#





#13

Acrolein

Concen: 1.276 ug/l

RT: 2.191 min Scan# 181

Delta R.T. -0.042 min

Lab File: VX040257.D

Acq: 15 Feb 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

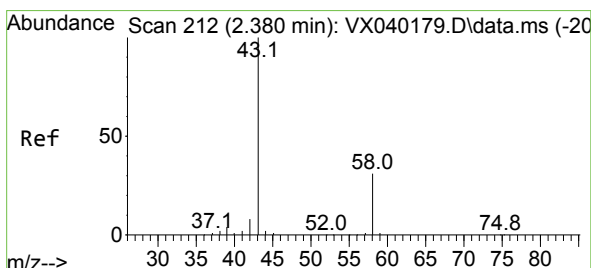
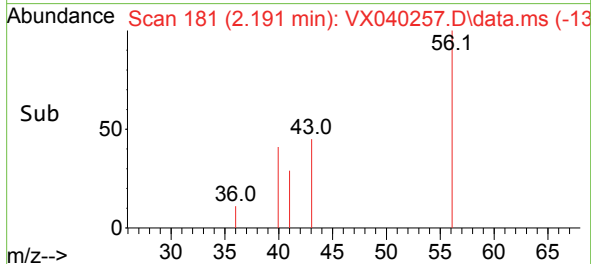
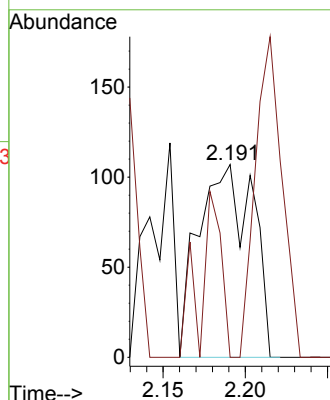
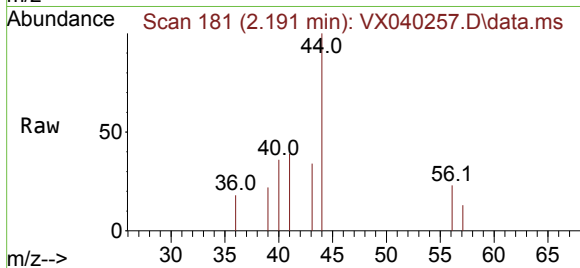
20241095-35N-N-FIELD-BLANK-1

Tgt Ion: 56 Resp: 245

Ion Ratio Lower Upper

56 100

55 33.5 57.1 85.7#



#16

Acetone

Concen: 6.765 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040257.D

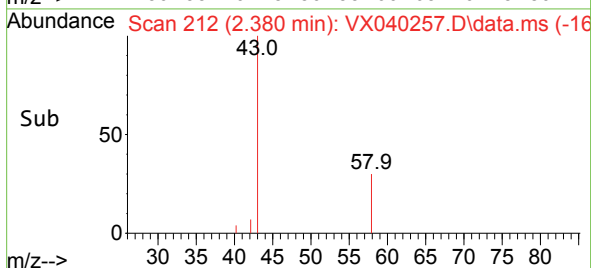
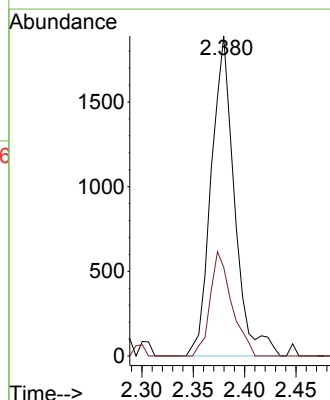
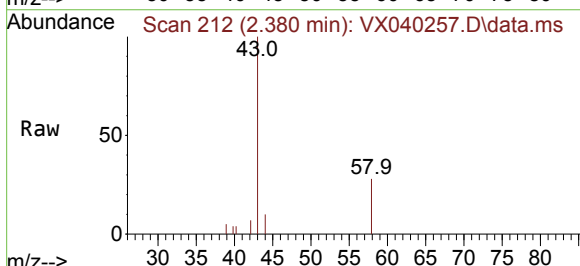
Acq: 15 Feb 2024 17:08

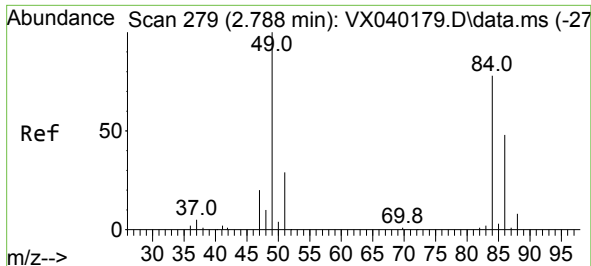
Tgt Ion: 43 Resp: 2967

Ion Ratio Lower Upper

43 100

58 27.7 21.9 32.9

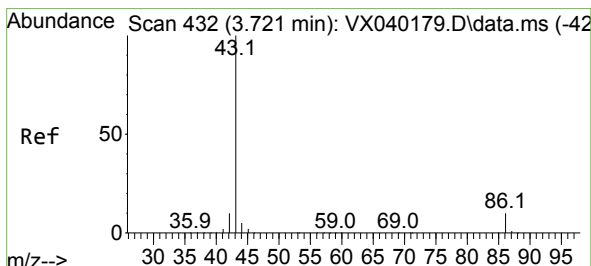
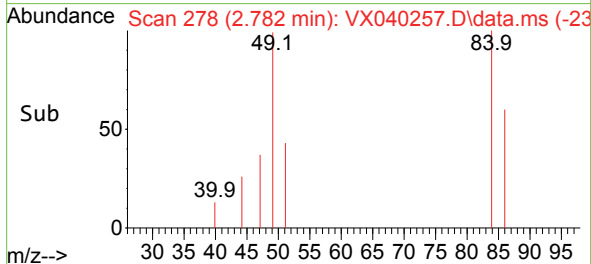
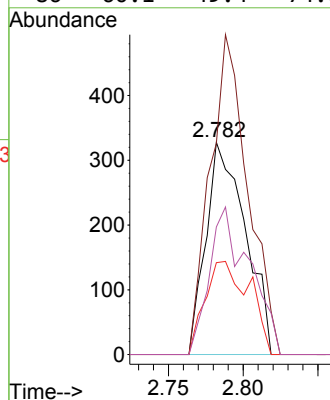
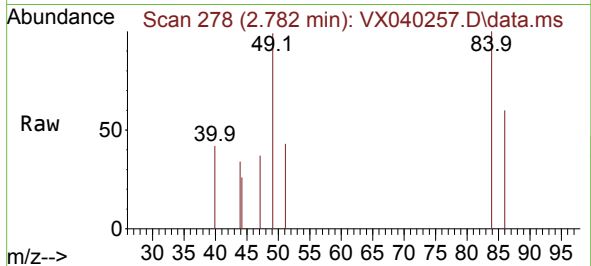




#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040257.D
Acq: 15 Feb 2024 17:08

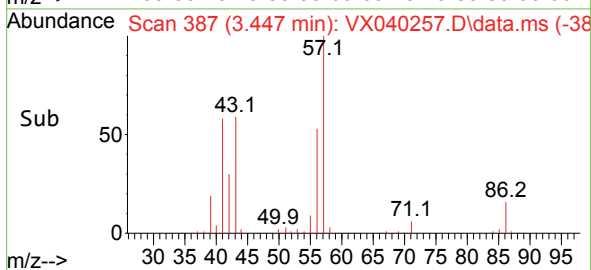
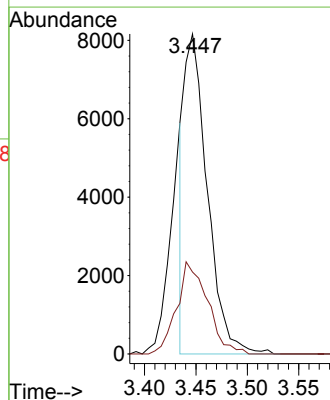
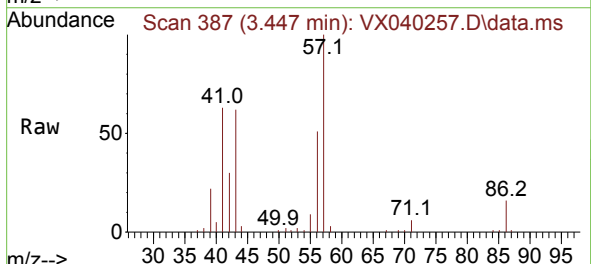
Instrument :
MSVOA_X
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

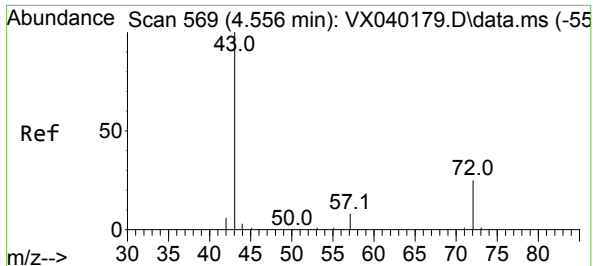
Tgt Ion: 84	Resp: 599
Ion Ratio	Lower Upper
84 100	
49 99.4	103.6 155.4#
51 43.3	33.8 50.6
86 60.1	49.4 74.0



#23
Vinyl Acetate
Concen: 5.471 ug/l
RT: 3.447 min Scan# 387
Delta R.T. -0.274 min
Lab File: VX040257.D
Acq: 15 Feb 2024 17:08

Tgt Ion: 43	Resp: 12580
Ion Ratio	Lower Upper
43 100	
86 25.6	7.8 11.8#





#25

2-Butanone

Concen: 0.210 ug/l

RT: 4.568 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX040257.D

Acq: 15 Feb 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

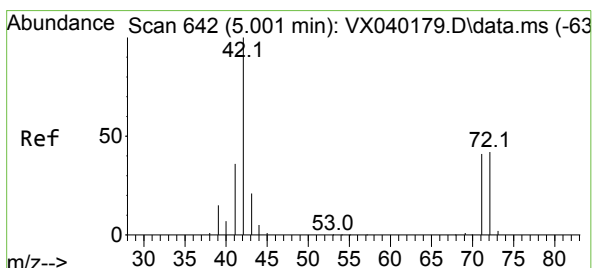
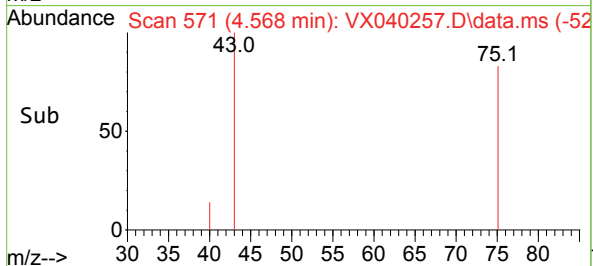
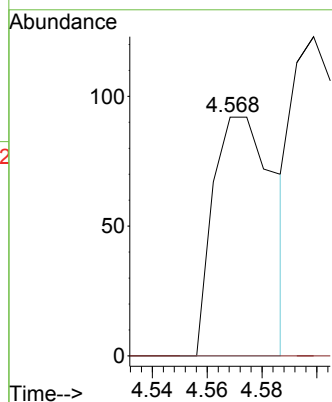
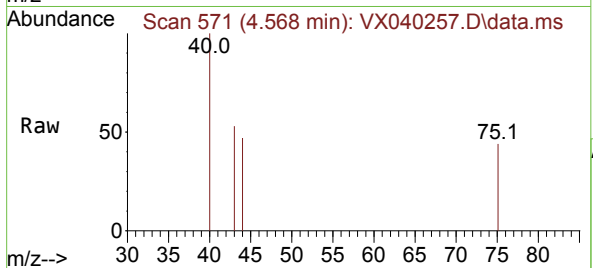
20241095-35N-N-FIELD-BLANK-1

Tgt Ion: 43 Resp: 144

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.540 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.031 min

Lab File: VX040257.D

Acq: 15 Feb 2024 17:08

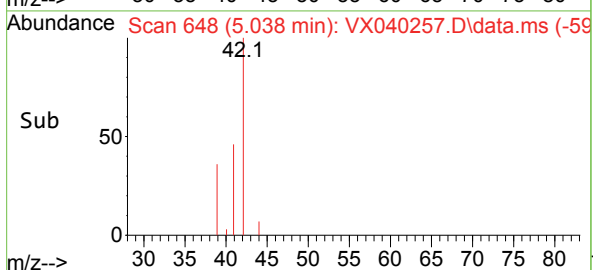
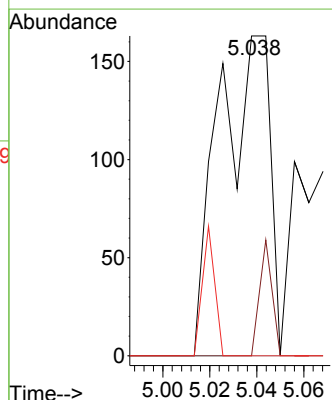
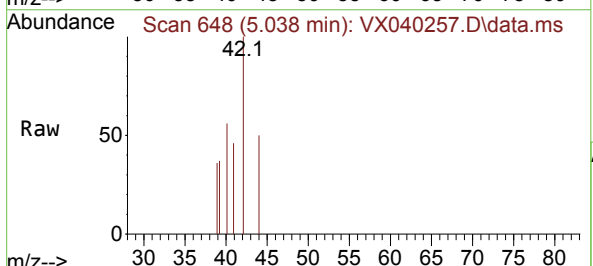
Tgt Ion: 42 Resp: 241

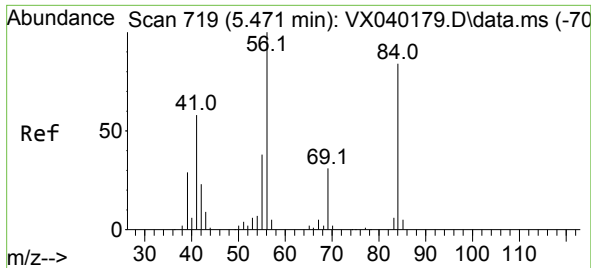
Ion Ratio Lower Upper

42 100

72 9.1 34.2 51.4#

71 0.0 32.2 48.2#

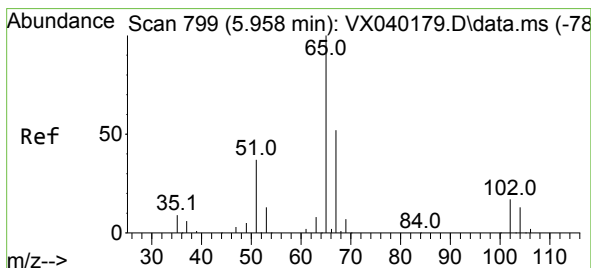
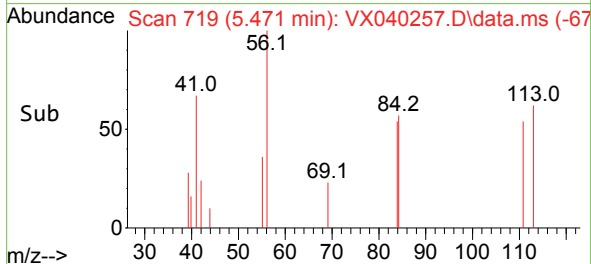
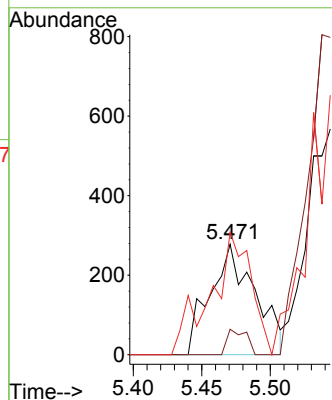
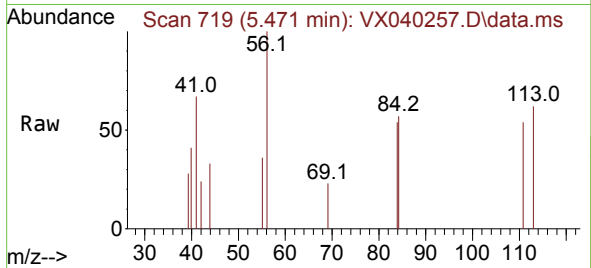




#31
Cyclohexane
Concen: 0.498 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040257.D
Acq: 15 Feb 2024 17:08

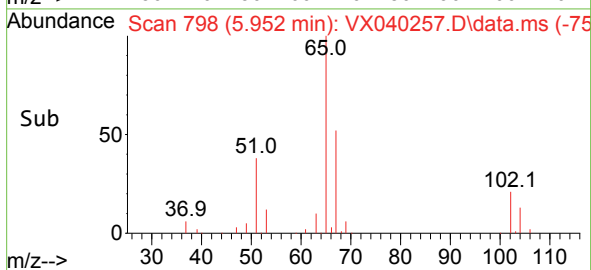
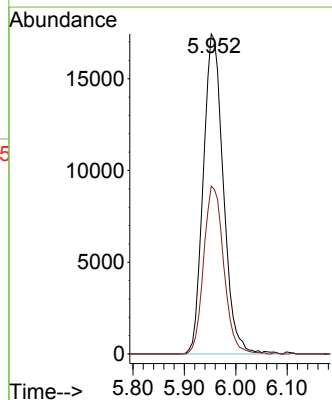
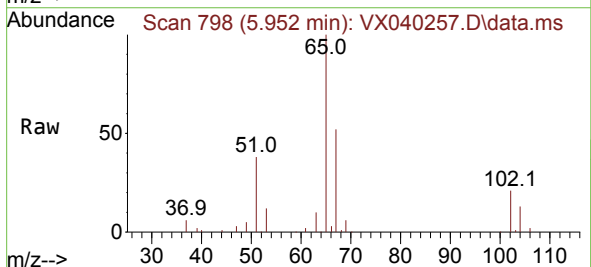
Instrument :
MSVOA_X
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

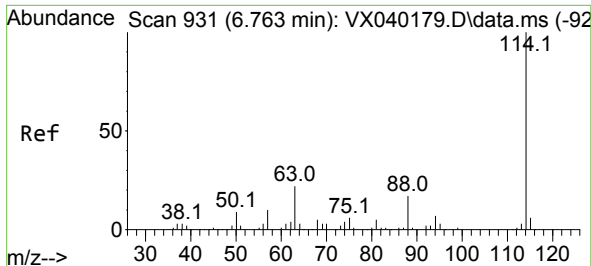
Tgt Ion: 56 Resp: 634
Ion Ratio Lower Upper
56 100
69 23.0 23.4 35.2#
84 89.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 44.259 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040257.D
Acq: 15 Feb 2024 17:08

Tgt Ion: 65 Resp: 47262
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

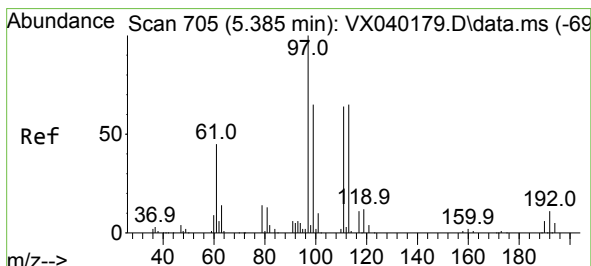
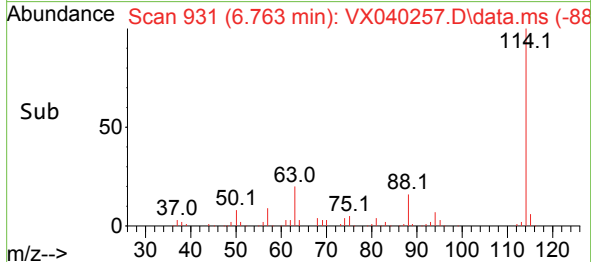
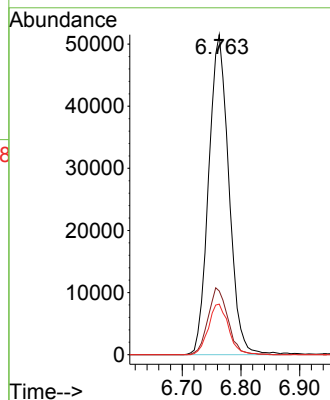
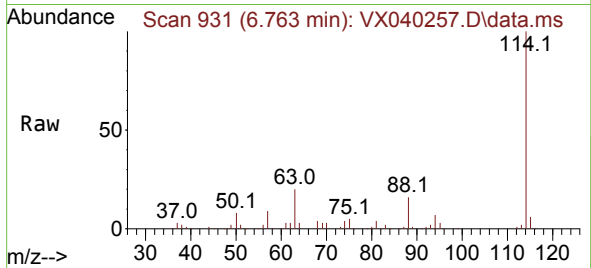




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040257.D
Acq: 15 Feb 2024 17:08

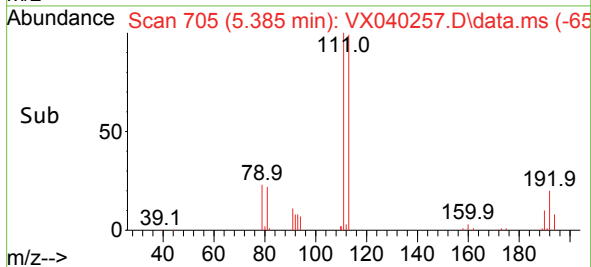
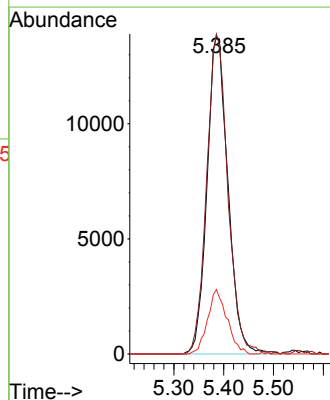
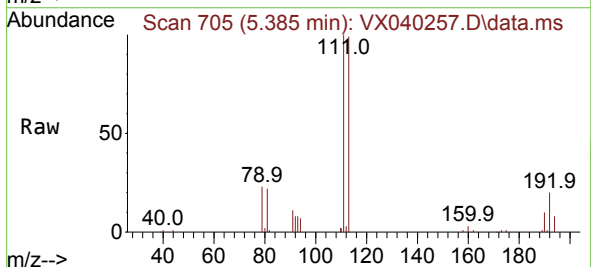
Instrument :
MSVOA_X
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

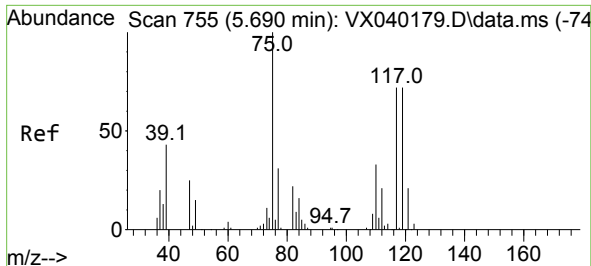
Tgt Ion:114 Resp: 122874
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.987 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040257.D
Acq: 15 Feb 2024 17:08

Tgt Ion:113 Resp: 40319
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.9 13.3 19.9

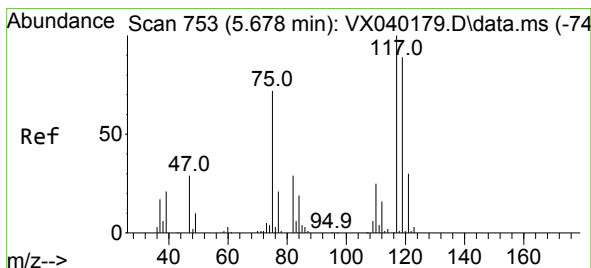
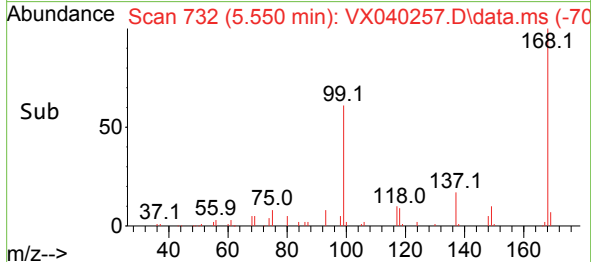
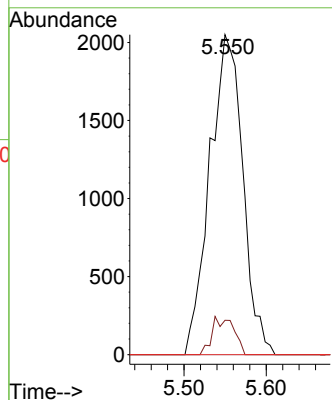
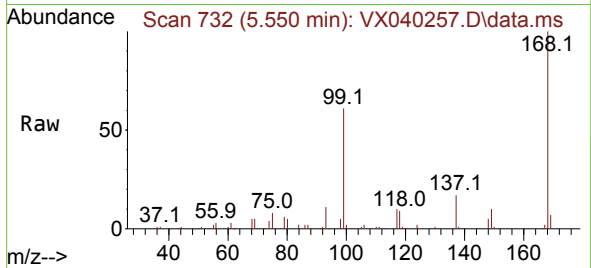




#36
1,1-Dichloropropene
Concen: 4.770 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX040257.D
Acq: 15 Feb 2024 17:08

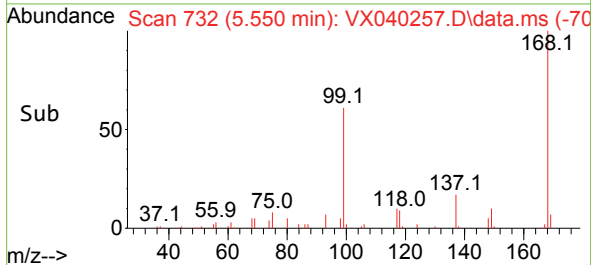
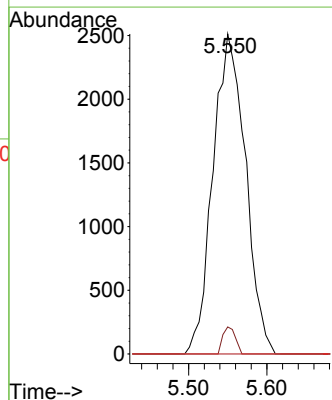
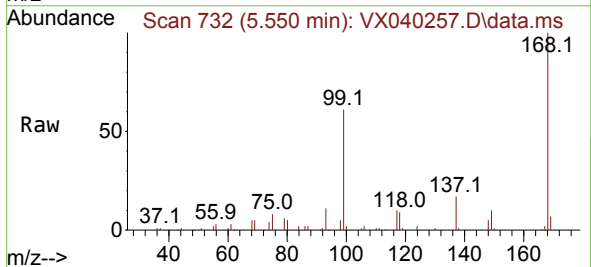
Instrument :
MSVOA_X
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

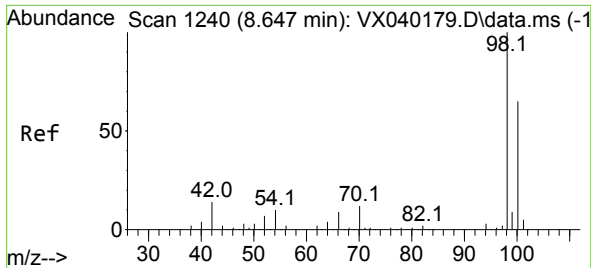
Tgt Ion: 75 Resp: 5734
Ion Ratio Lower Upper
75 100
110 7.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.344 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040257.D
Acq: 15 Feb 2024 17:08

Tgt Ion: 117 Resp: 7250
Ion Ratio Lower Upper
117 100
119 8.4 78.2 117.2#
121 0.0 24.4 36.6#

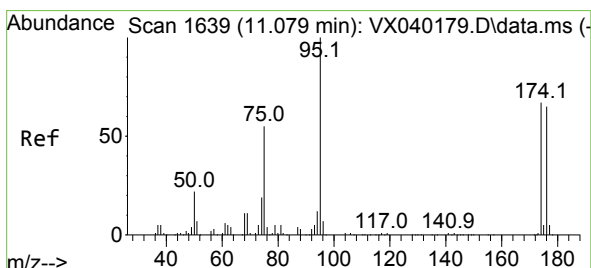
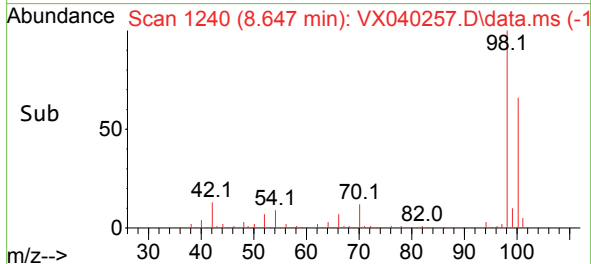
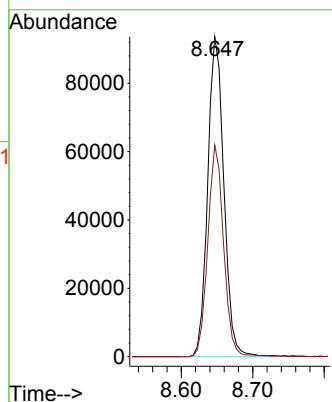
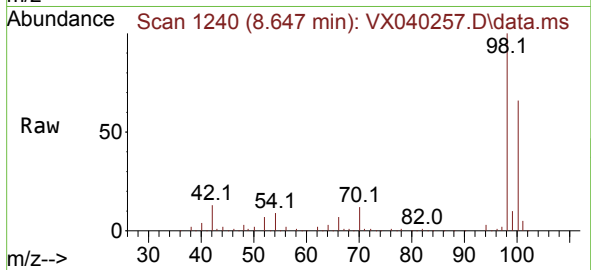




#50
Toluene-d8
Concen: 45.778 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040257.D
Acq: 15 Feb 2024 17:08

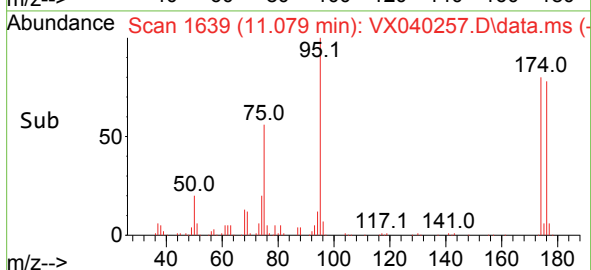
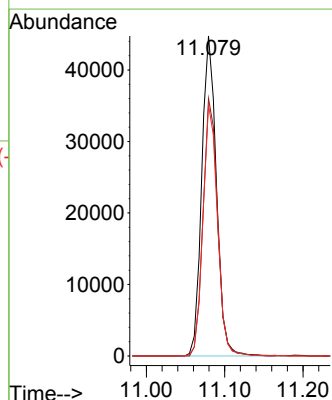
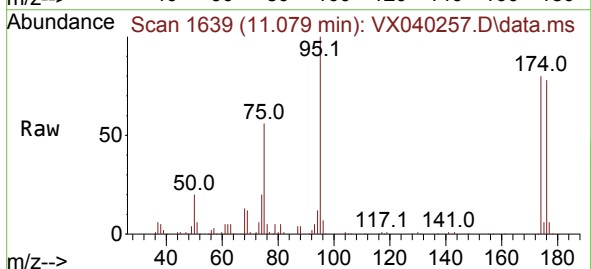
Instrument :
MSVOA_X
ClientSampleId :
20241095-35N-N-FIELD-BLANK-1

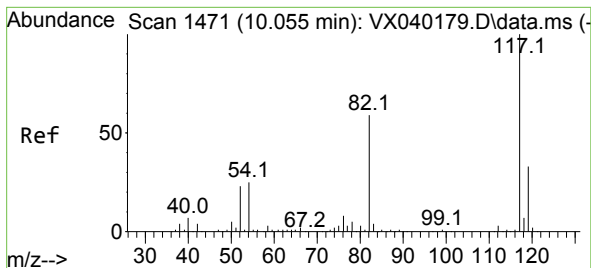
Tgt Ion: 98 Resp: 146940
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040257.D
Acq: 15 Feb 2024 17:08

Tgt Ion: 95 Resp: 58210
Ion Ratio Lower Upper
95 100
174 79.8 0.0 135.6
176 77.4 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: VX040257.D

Acq: 15 Feb 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

20241095-35N-N-FIELD-BLANK-1

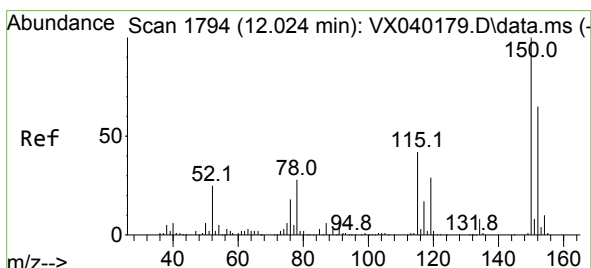
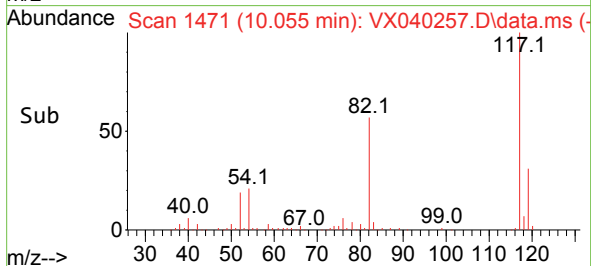
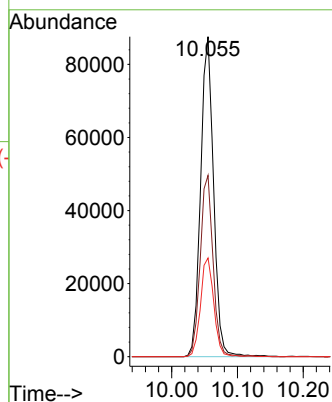
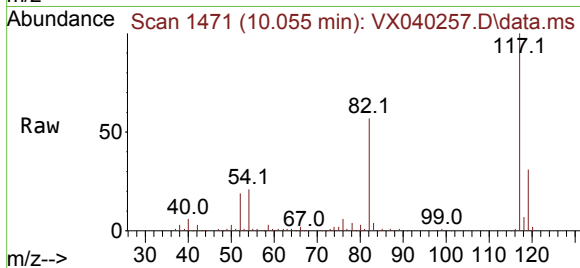
Tgt Ion:117 Resp: 119937

Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 30.9 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: VX040257.D

Acq: 15 Feb 2024 17:08

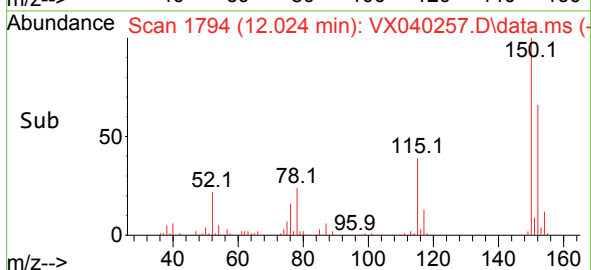
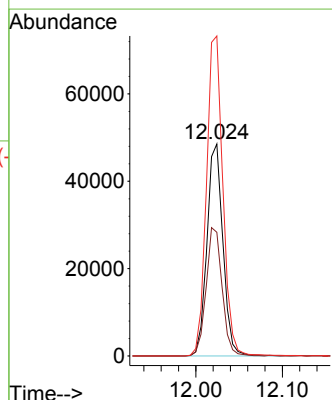
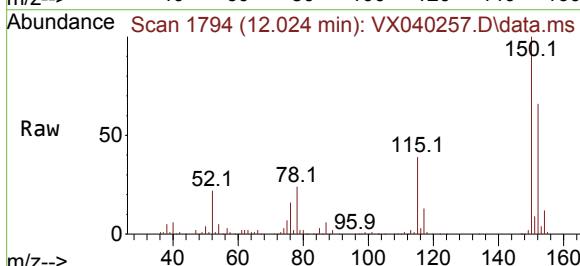
Tgt Ion:152 Resp: 62174

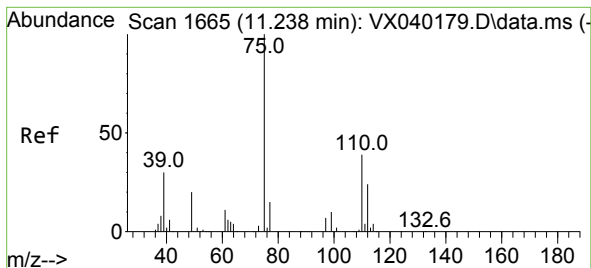
Ion Ratio Lower Upper

152 100

115 60.5 43.3 129.9

150 155.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.825 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040257.D

Acq: 15 Feb 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

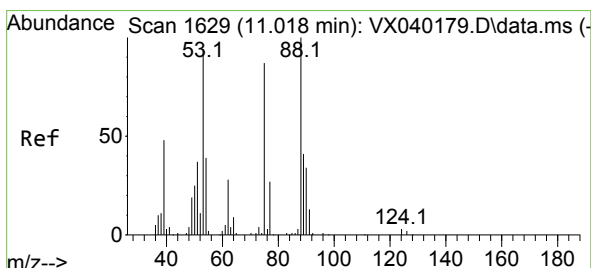
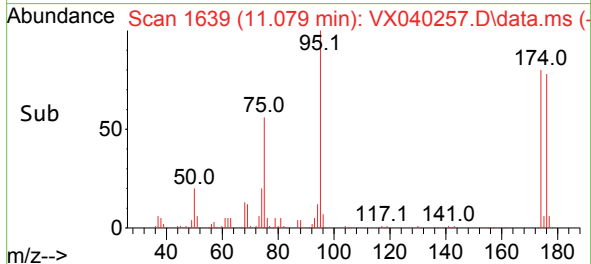
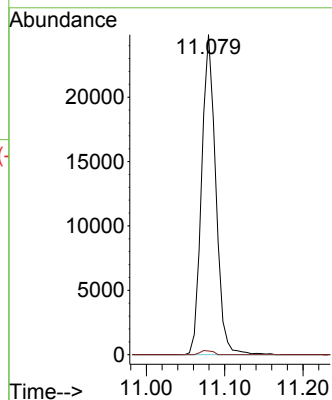
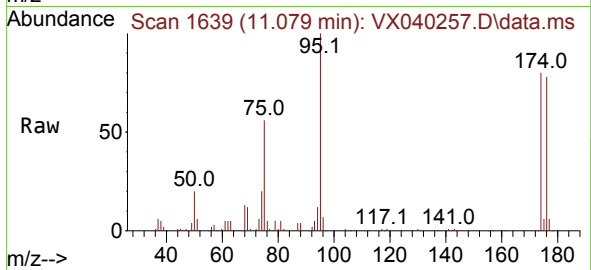
20241095-35N-N-FIELD-BLANK-1

Tgt Ion: 75 Resp: 31256

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.312 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040257.D

Acq: 15 Feb 2024 17:08

Tgt Ion: 75 Resp: 31256

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

