

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040250.D
 Acq On : 15 Feb 2024 14:28
 Operator : JC/MD
 Sample : P1462-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20240762-39N-N-FIELD-BLANK-1

Quant Time: Feb 16 00:49:16 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)

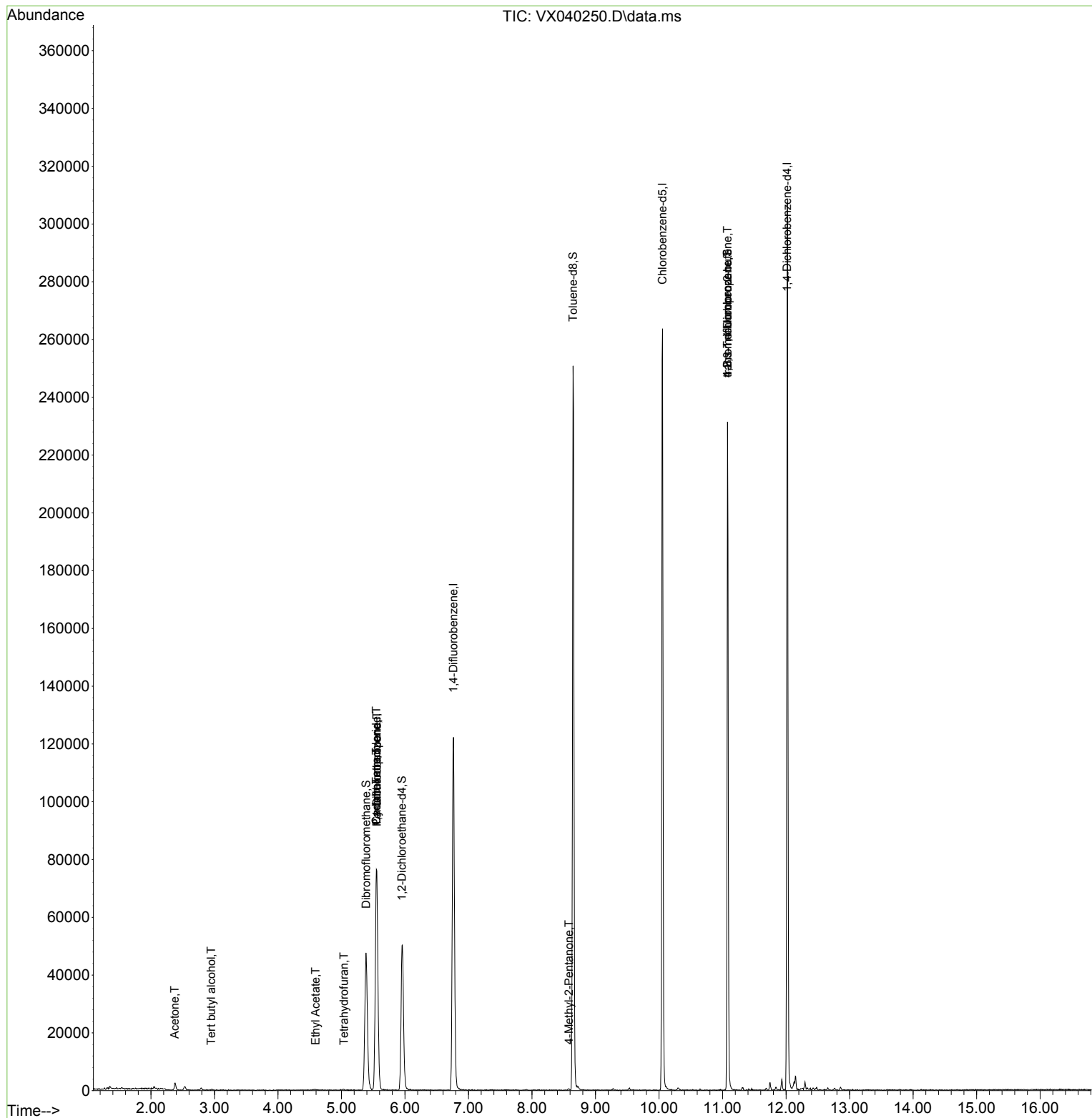
Internal Standards						
1) Pentafluorobenzene	5.556	168	74250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	48698	44.086	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.180%
35) Dibromofluoromethane	5.385	113	39899	45.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.480%
50) Toluene-d8	8.647	98	150992	45.768	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.540%#
62) 4-Bromofluorobenzene	11.079	95	60132	44.691	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	342	1.589	ug/l	97
16) Acetone	2.373	43	2674	5.894	ug/l	95
20) Methylene Chloride	2.794	84	374	Below Cal	#	88
29) Tetrahydrofuran	5.038	42	299	0.647	ug/l #	54
31) Cyclohexane	5.550	56	1739	1.320	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	5751	4.655	ug/l #	51
37) Ethyl Acetate	4.593	43	276	0.201	ug/l #	69
38) Carbon Tetrachloride	5.550	117	7294	6.209	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	419	0.286	ug/l #	37
76) 1,2,3-Trichloropropane	11.079	75	31482	25.046	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	31482	68.888	ug/l #	5

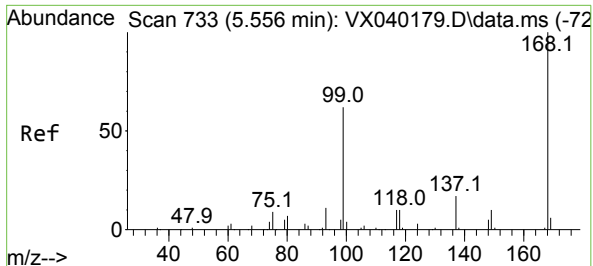
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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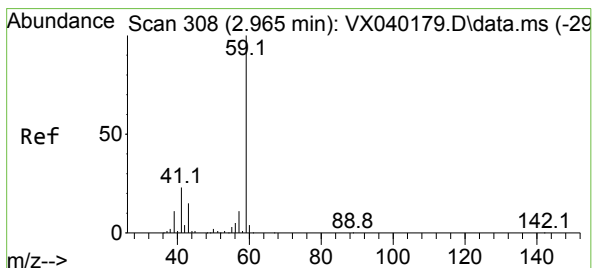
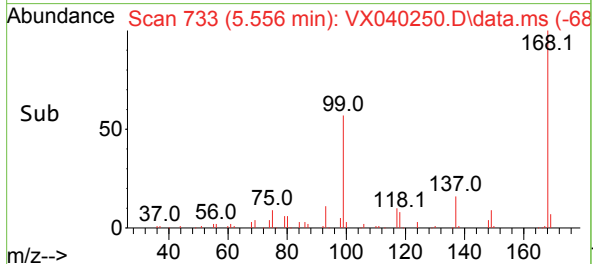
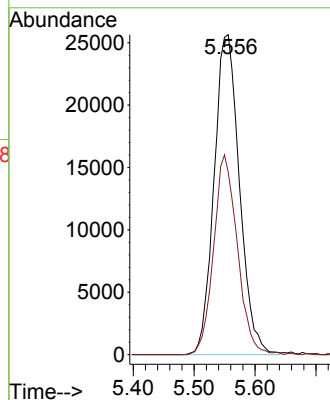
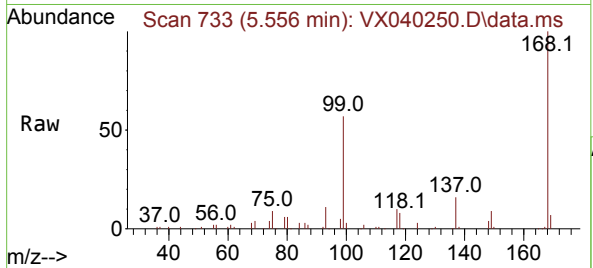




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040250.D
Acq: 15 Feb 2024 14:28

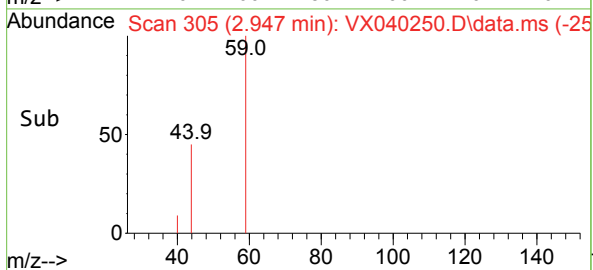
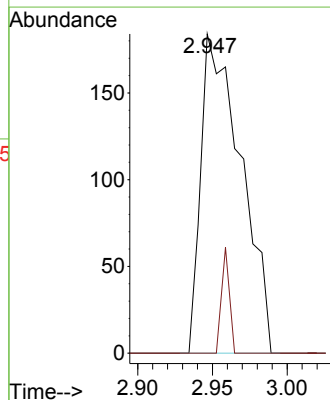
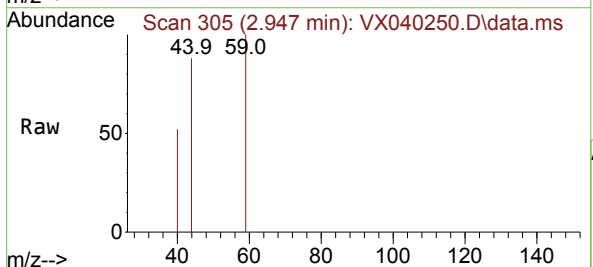
Instrument :
MSVOA_X
ClientSampleId :
20240762-39N-N-FIELD-BLANK-1

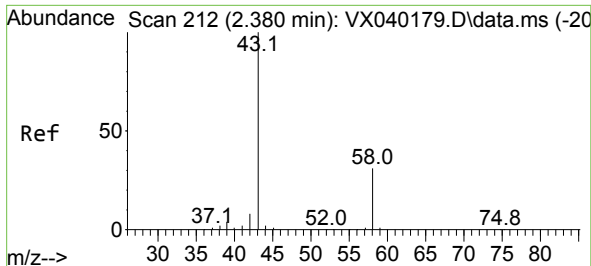
Tgt Ion:168 Resp: 74250
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.589 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX040250.D
Acq: 15 Feb 2024 14:28

Tgt Ion: 59 Resp: 342
Ion Ratio Lower Upper
59 100
57 6.4 6.0 9.0

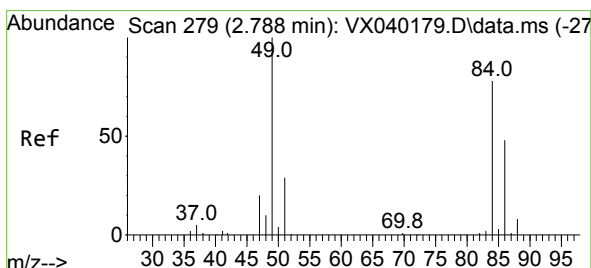
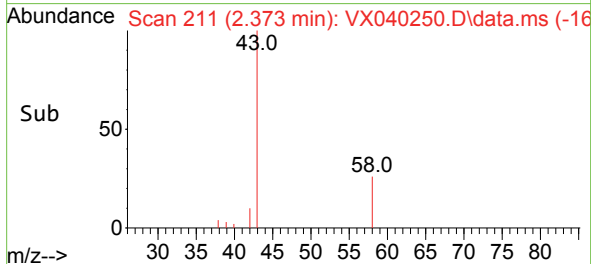
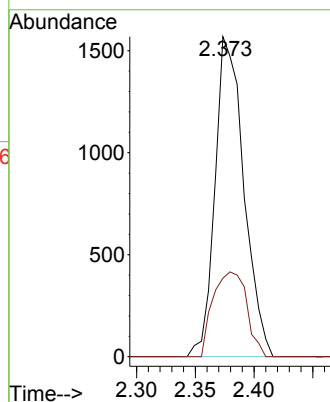
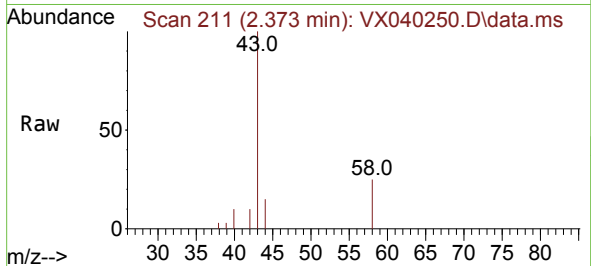




#16
Acetone
Concen: 5.894 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040250.D
Acq: 15 Feb 2024 14:28

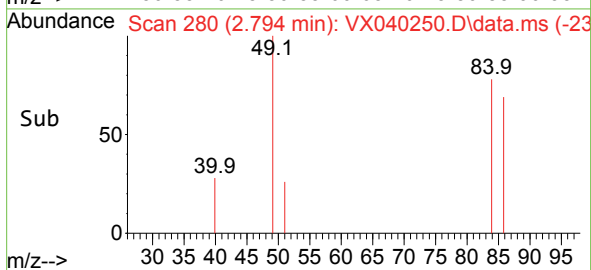
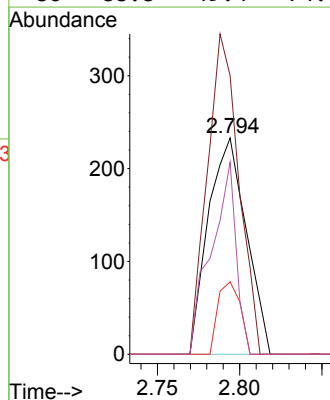
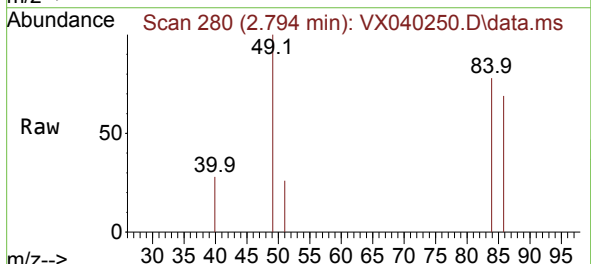
Instrument :
MSVOA_X
ClientSampleId :
20240762-39N-N-FIELD-BLANK-1

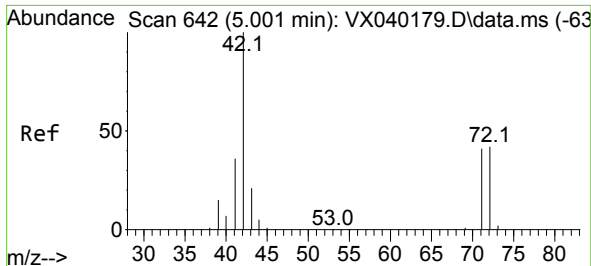
Tgt Ion: 43 Resp: 2674
Ion Ratio Lower Upper
43 100
58 24.5 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040250.D
Acq: 15 Feb 2024 14:28

Tgt Ion: 84 Resp: 374
Ion Ratio Lower Upper
84 100
49 128.8 103.6 155.4
51 33.5 33.8 50.6#
86 88.8 49.4 74.0#





#29

Tetrahydrofuran

Concen: 0.647 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX040250.D

Acq: 15 Feb 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

20240762-39N-N-FIELD-BLANK-1

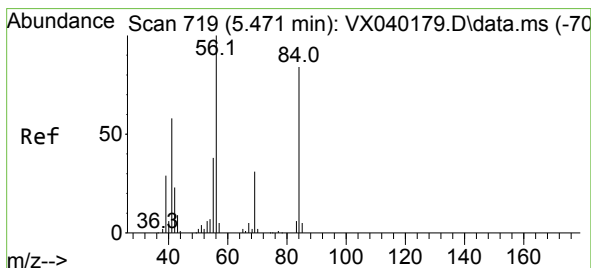
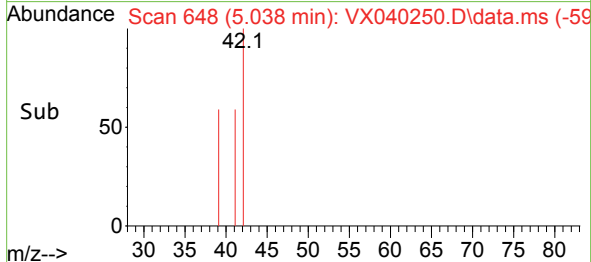
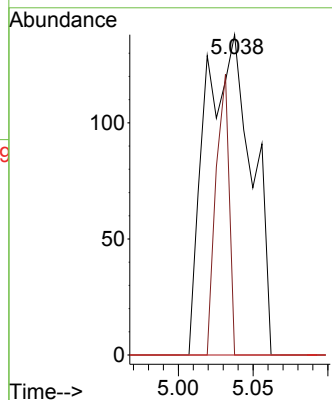
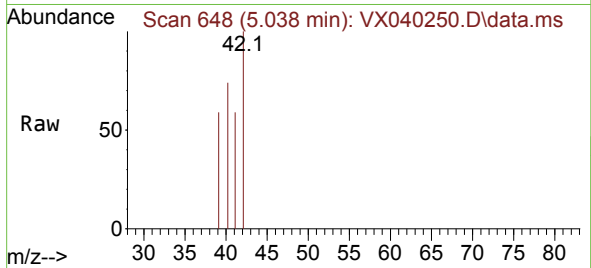
Tgt Ion: 42 Resp: 299

Ion Ratio Lower Upper

42 100

72 24.7 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.320 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX040250.D

Acq: 15 Feb 2024 14:28

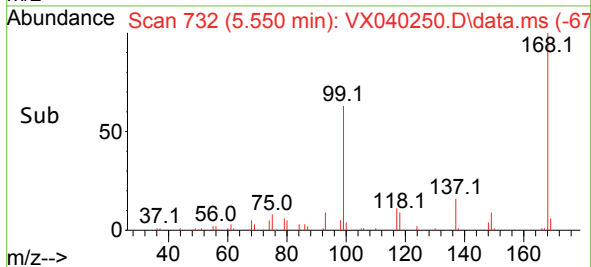
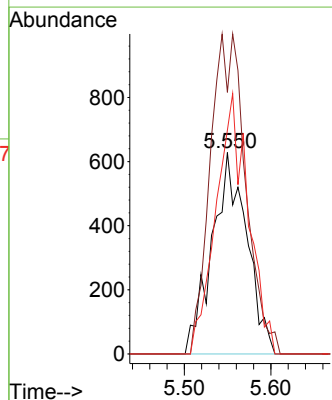
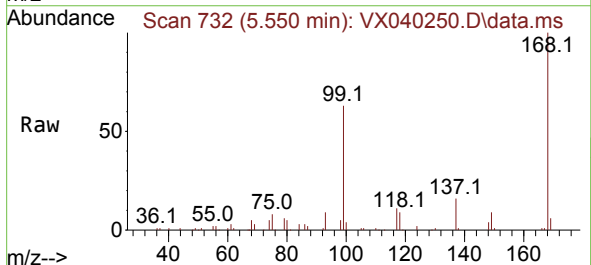
Tgt Ion: 56 Resp: 1739

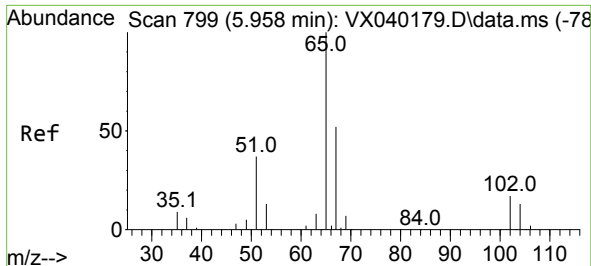
Ion Ratio Lower Upper

56 100

69 129.9 23.4 35.2#

84 111.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.086 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040250.D

Acq: 15 Feb 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

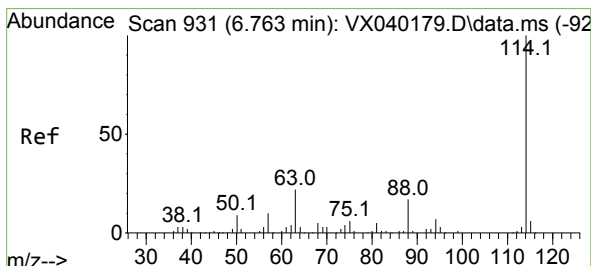
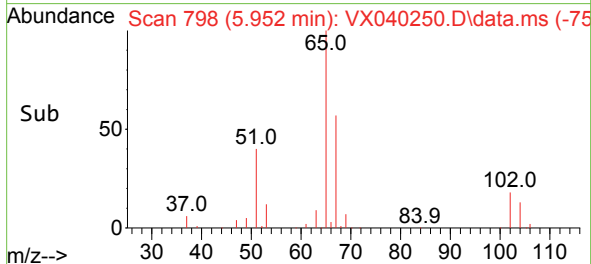
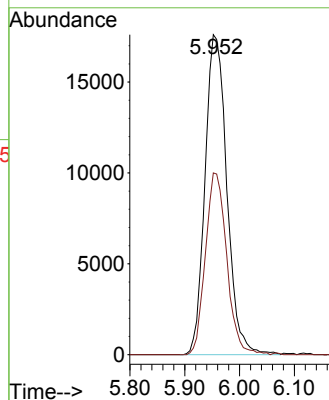
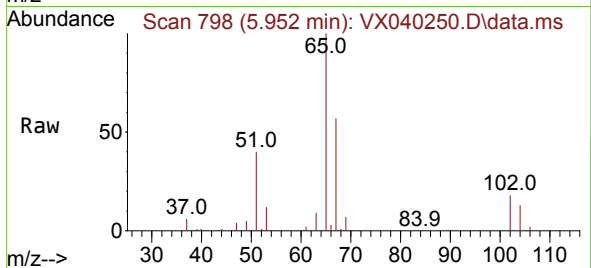
20240762-39N-N-FIELD-BLANK-1

Tgt Ion: 65 Resp: 48698

Ion Ratio Lower Upper

65 100

67 55.5 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: VX040250.D

Acq: 15 Feb 2024 14:28

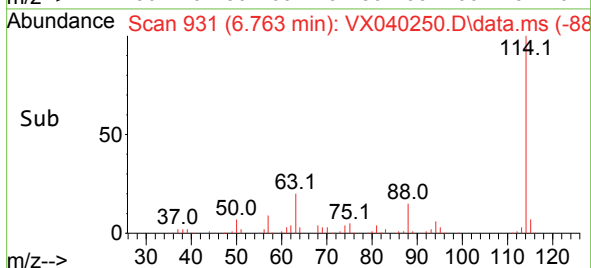
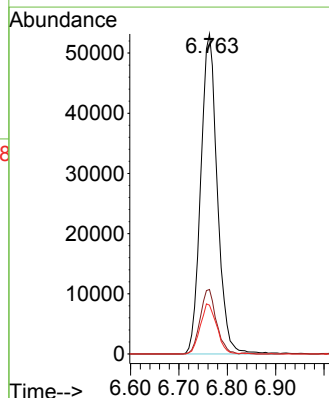
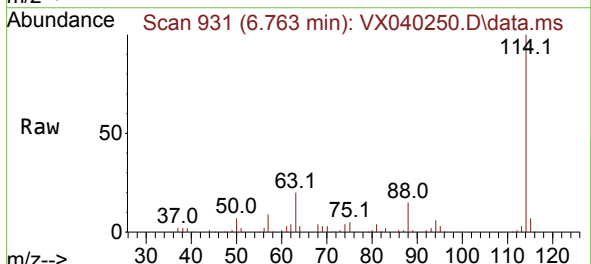
Tgt Ion: 114 Resp: 126291

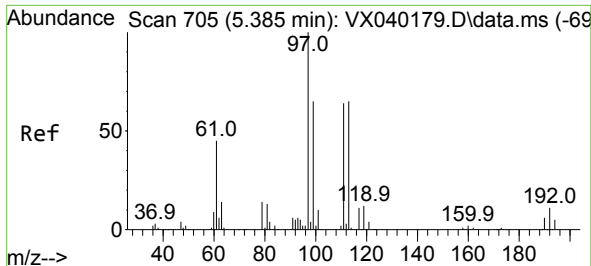
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 15.3 0.0 36.6

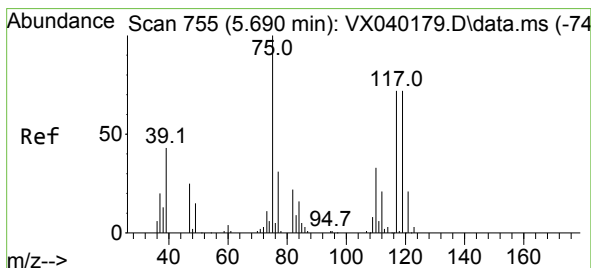
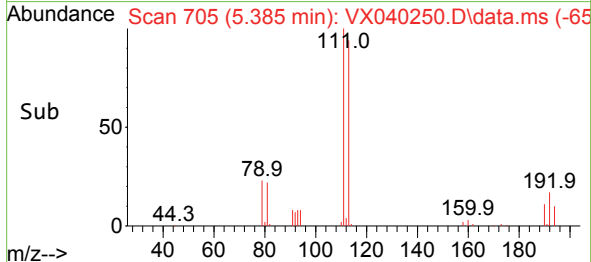
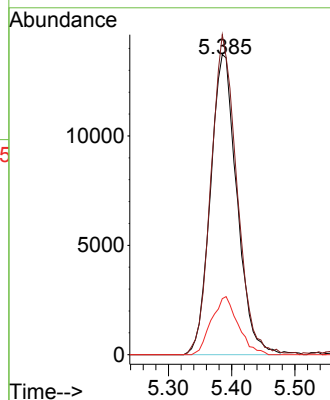
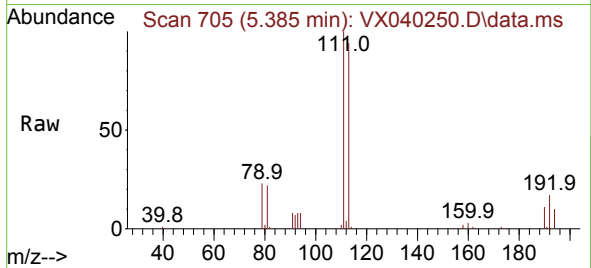




#35
Dibromofluoromethane
Concen: 45.240 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040250.D
Acq: 15 Feb 2024 14:28

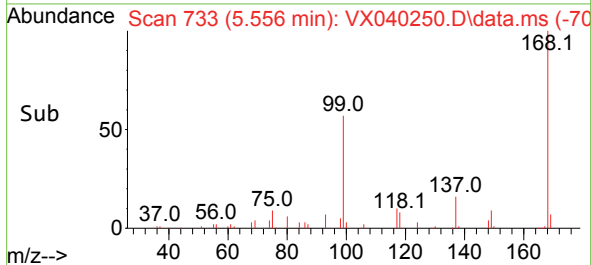
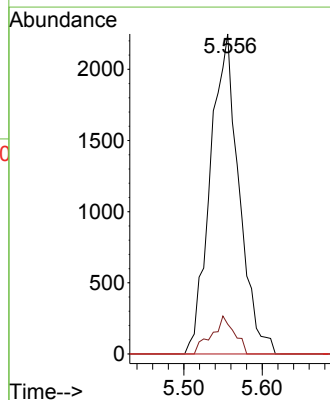
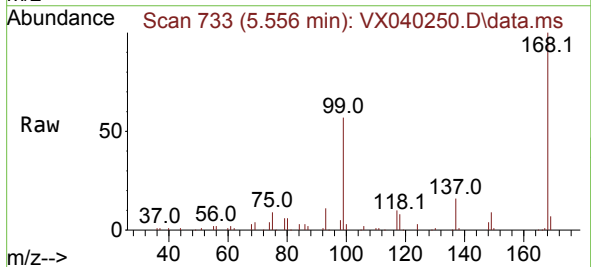
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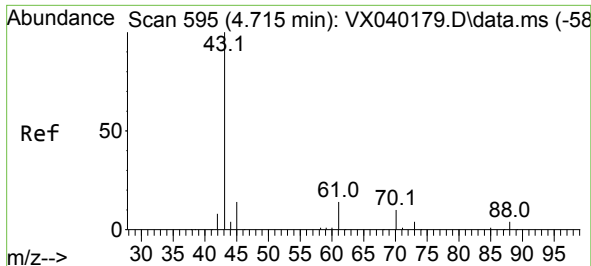
Tgt Ion:113 Resp: 39899
Ion Ratio Lower Upper
113 100
111 104.5 82.9 124.3
192 19.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX040250.D
Acq: 15 Feb 2024 14:28

Tgt Ion: 75 Resp: 5751
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.201 ug/l

RT: 4.593 min Scan# 51

Delta R.T. -0.128 min

Lab File: VX040250.D

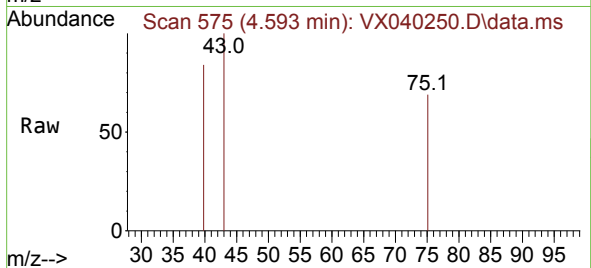
Acq: 15 Feb 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

20240762-39N-N-FIELD-BLANK-1



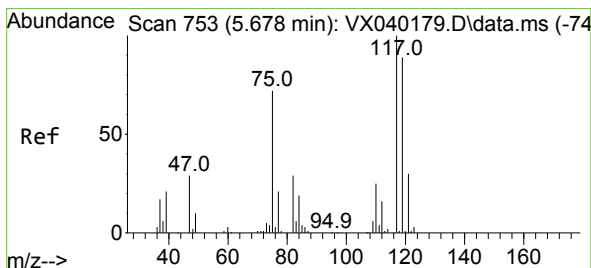
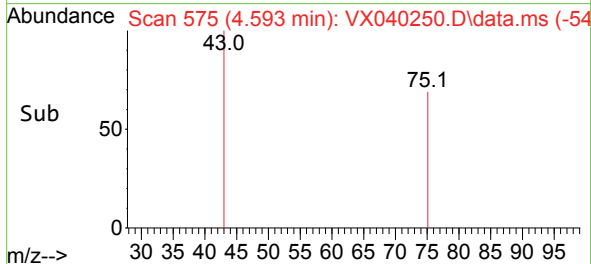
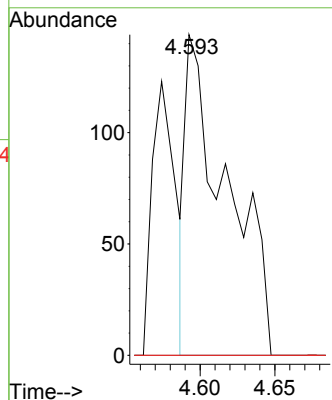
Tgt Ion: 43 Resp: 276

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.209 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX040250.D

Acq: 15 Feb 2024 14:28

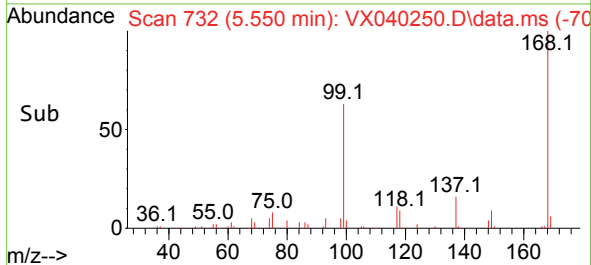
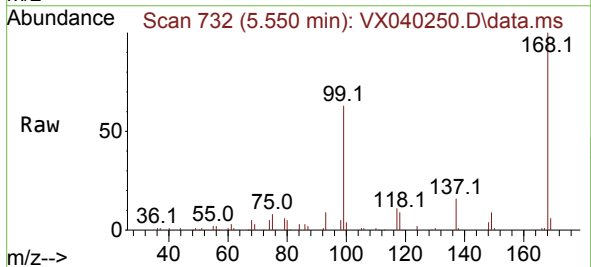
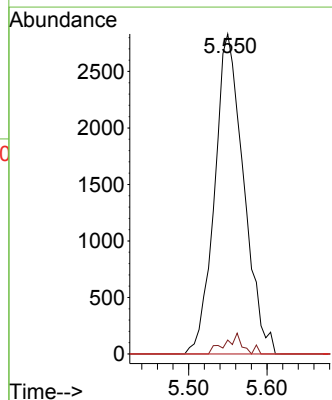
Tgt Ion: 117 Resp: 7294

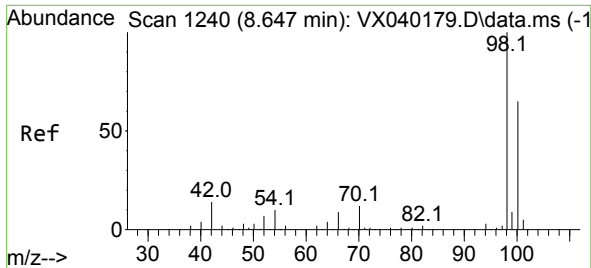
Ion Ratio Lower Upper

117 100

119 4.3 78.2 117.2#

121 0.0 24.4 36.6#

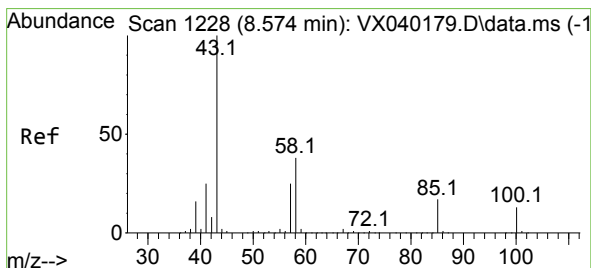
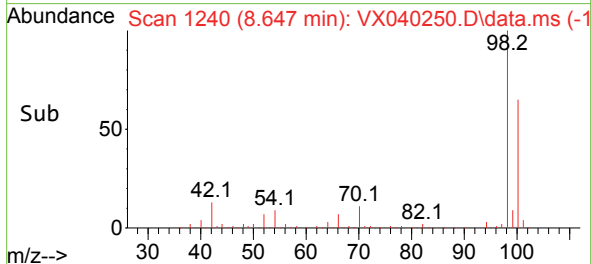
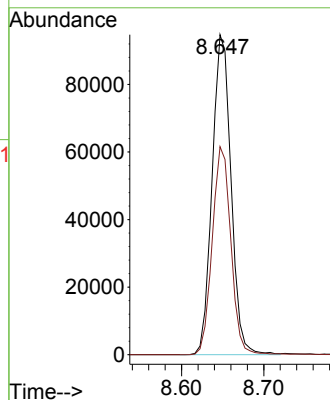
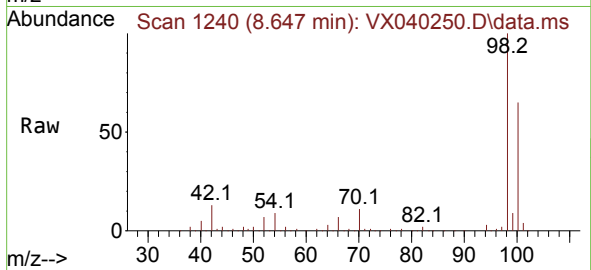




#50
Toluene-d8
Concen: 45.768 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040250.D
Acq: 15 Feb 2024 14:28

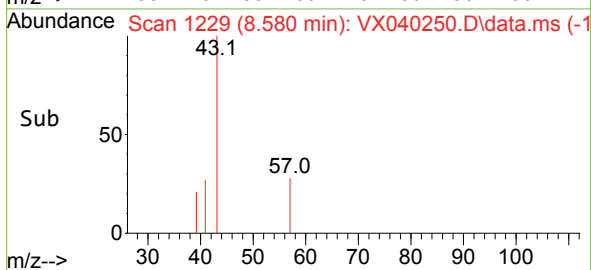
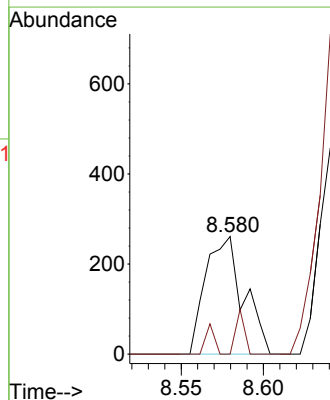
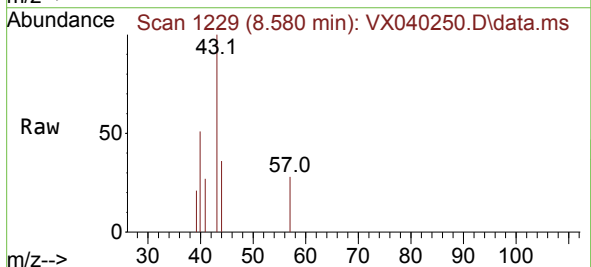
Instrument :
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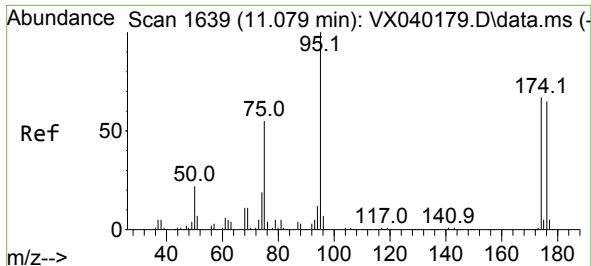
Tgt Ion: 98 Resp: 150992
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.286 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX040250.D
Acq: 15 Feb 2024 14:28

Tgt Ion: 43 Resp: 419
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

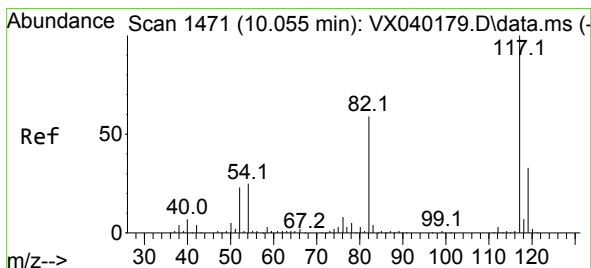
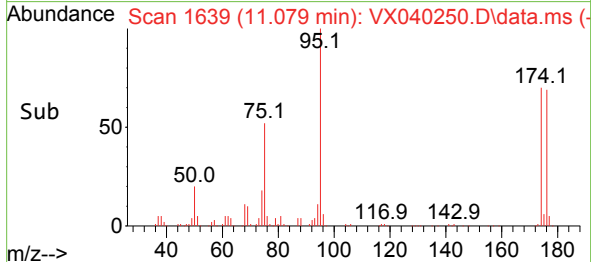
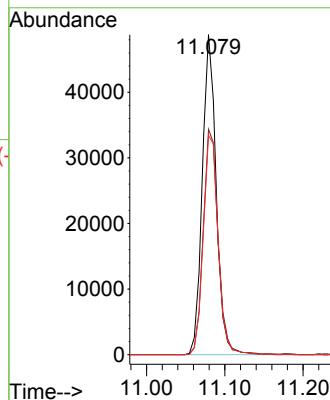
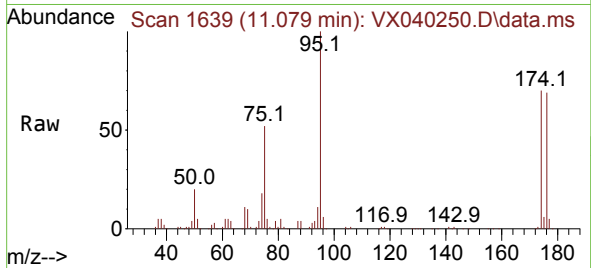




#62
4-Bromofluorobenzene
Concen: 44.691 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040250.D
Acq: 15 Feb 2024 14:28

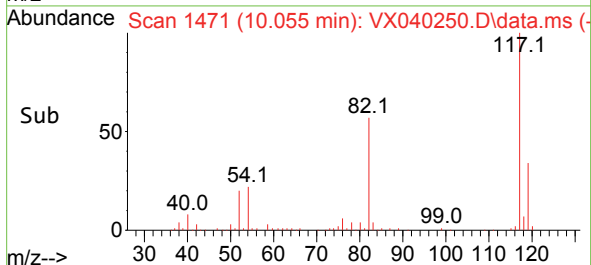
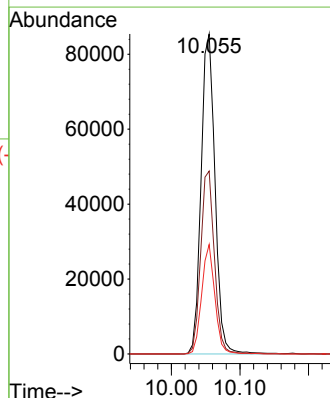
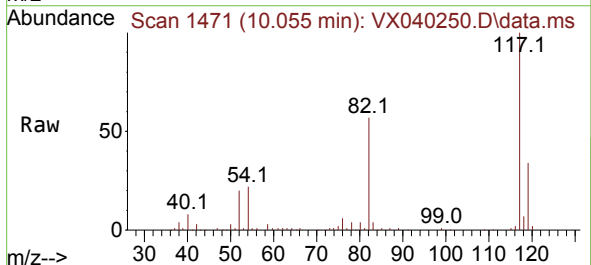
Instrument :
MSVOA_X
ClientSampleId :
20240762-39N-N-FIELD-BLANK-1

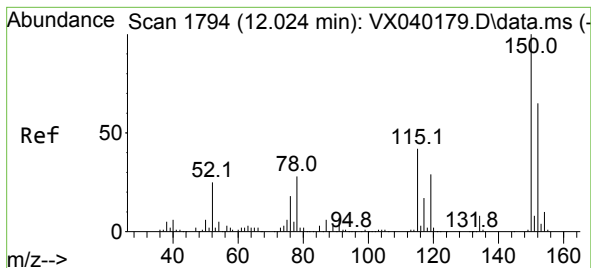
Tgt Ion: 95 Resp: 60132
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 73.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040250.D
Acq: 15 Feb 2024 14:28

Tgt Ion: 117 Resp: 121037
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 34.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040250.D

Acq: 15 Feb 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

20240762-39N-N-FIELD-BLANK-1

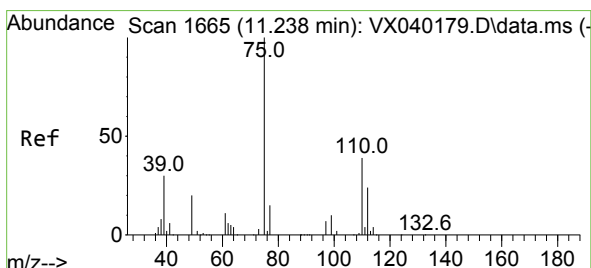
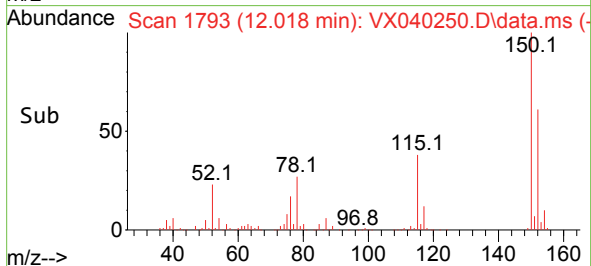
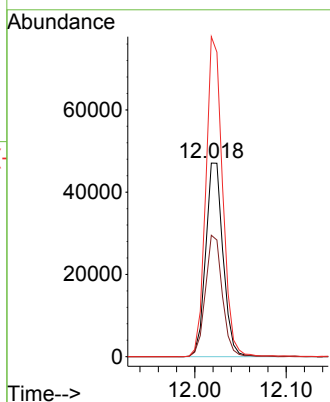
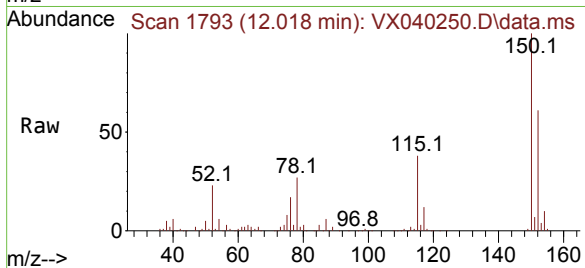
Tgt Ion:152 Resp: 62072

Ion Ratio Lower Upper

152 100

115 61.1 43.3 129.9

150 159.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.046 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040250.D

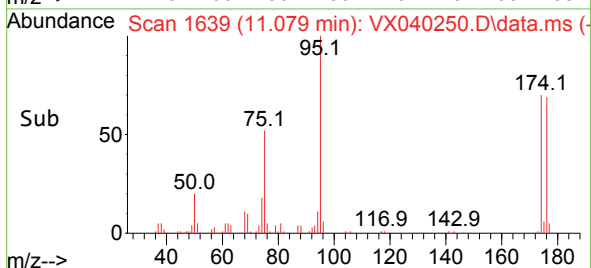
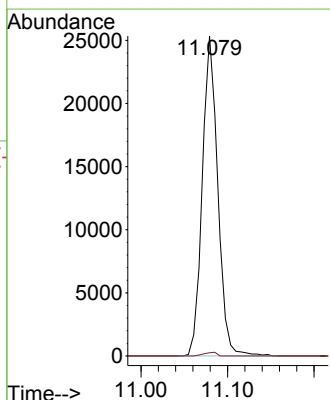
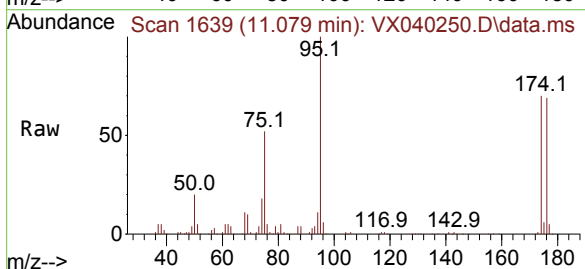
Acq: 15 Feb 2024 14:28

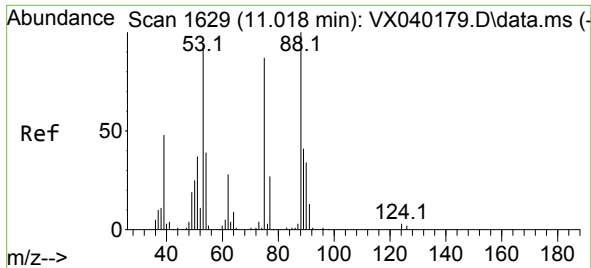
Tgt Ion: 75 Resp: 31482

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.888 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040250.D
 Acq: 15 Feb 2024 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 20240762-39N-N-FIELD-BLANK-1

Tgt Ion: 75 Resp: 31482
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

