

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071724\
 Data File : VX042358.D
 Acq On : 17 Jul 2024 15:06
 Operator : JC/MD
 Sample : P3282-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 18 00:58:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

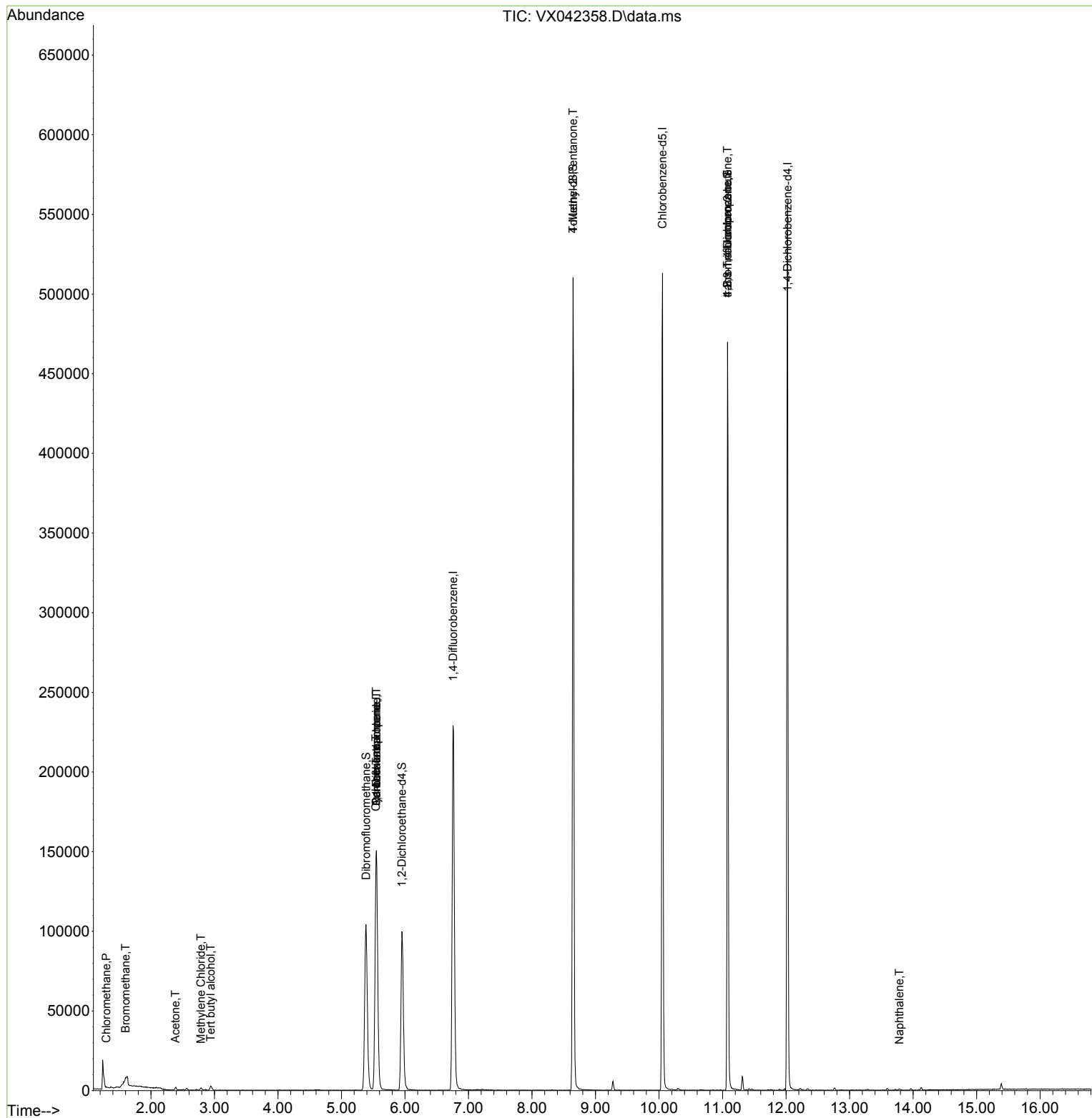
Internal Standards						
1) Pentafluorobenzene	5.550	168	169663	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	264078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93379	47.729	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.460%
35) Dibromofluoromethane	5.385	113	92213	49.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.420%
50) Toluene-d8	8.647	98	313420	47.613	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.220%
62) 4-Bromofluorobenzene	11.079	95	120954	49.846	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	426	0.263	ug/l #	43
5) Bromomethane	1.599	94	511	0.637	ug/l	88
6) Chloroethane	1.642	64	358	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	1487	4.005	ug/l #	78
16) Acetone	2.386	43	1947	2.266	ug/l #	88
20) Methylene Chloride	2.788	84	914	0.486	ug/l #	84
31) Cyclohexane	5.544	56	2082	0.910	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9144	4.596	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14122	6.424	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1110	0.405	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53239	21.709	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53239	61.652	ug/l #	5
95) Naphthalene	13.786	128	1132	0.863	ug/l #	82

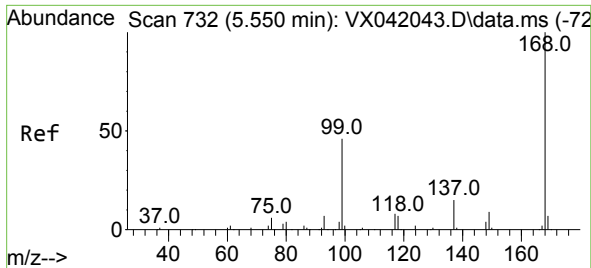
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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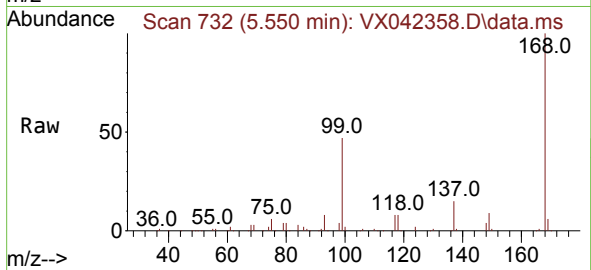
Quant Time: Jul 18 00:58:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



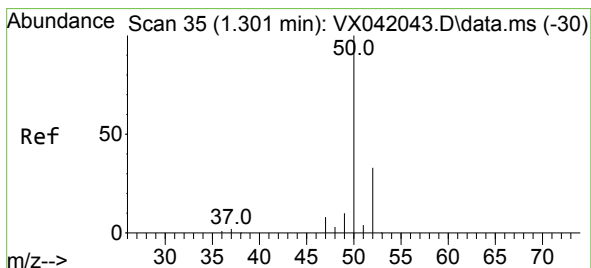
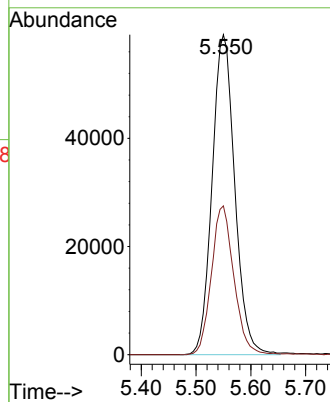
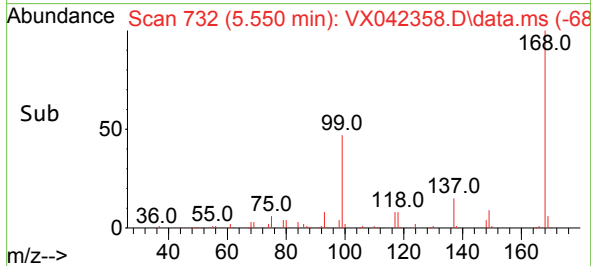


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042358.D
Acq: 17 Jul 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :

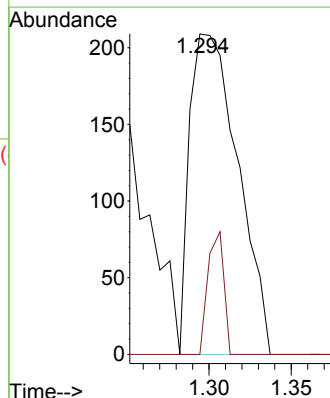
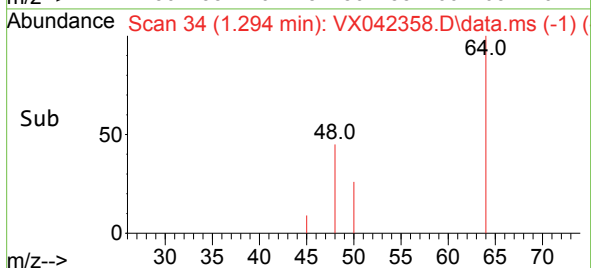
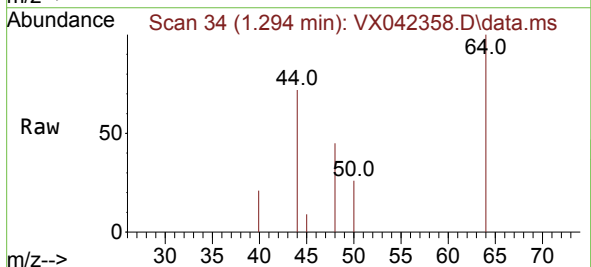


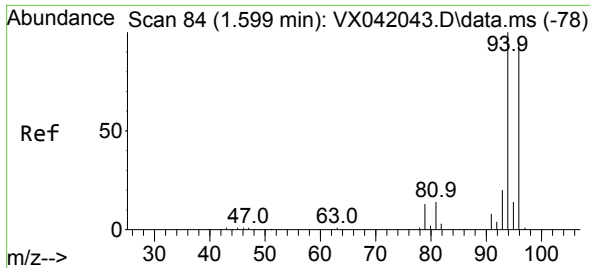
Tgt Ion:168 Resp: 169663
Ion Ratio Lower Upper
168 100
99 46.5 56.6 85.0#



#3
Chloromethane
Concen: 0.263 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX042358.D
Acq: 17 Jul 2024 15:06

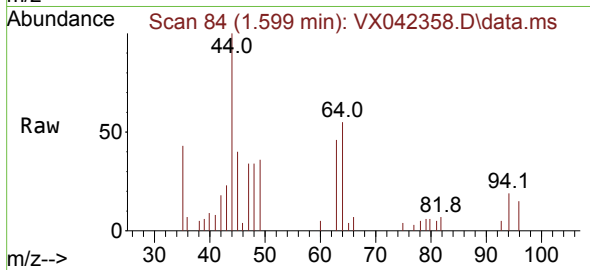
Tgt Ion: 50 Resp: 426
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



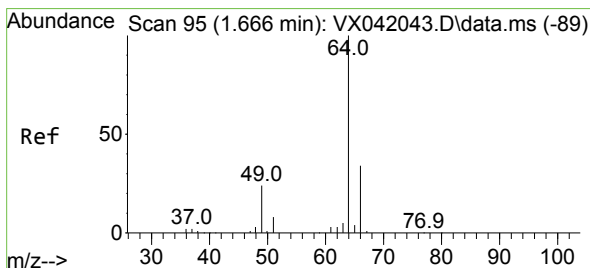
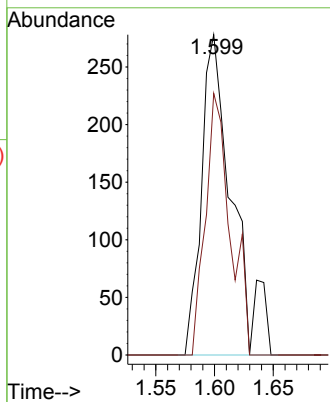
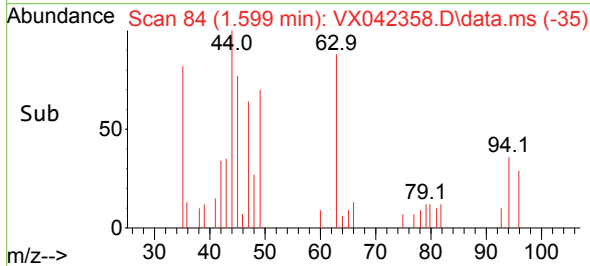


#5
Bromomethane
Concen: 0.637 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042358.D
Acq: 17 Jul 2024 15:06

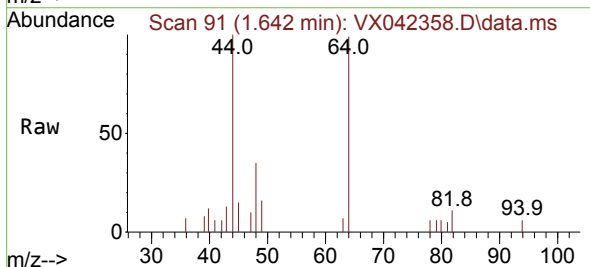
Instrument :
MSVOA_X
ClientSampleId :



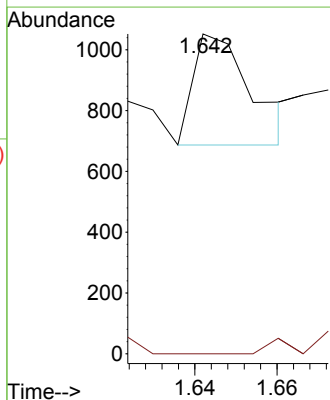
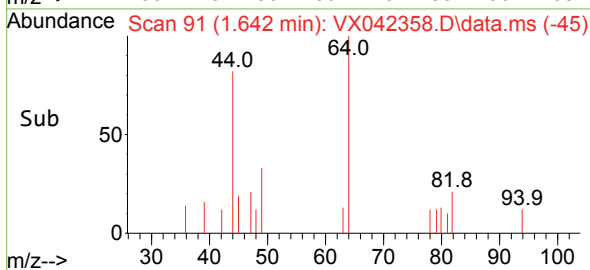
Tgt Ion: 94 Resp: 511
Ion Ratio Lower Upper
94 100
96 81.7 74.6 111.8

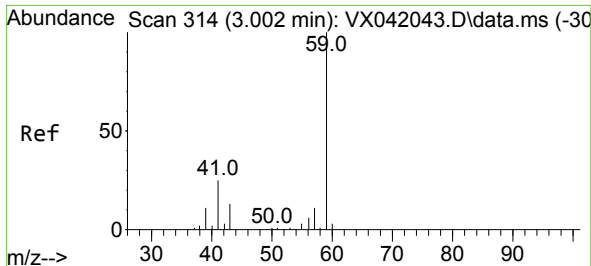


#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX042358.D
Acq: 17 Jul 2024 15:06



Tgt Ion: 64 Resp: 358
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 4.005 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX042358.D

Acq: 17 Jul 2024 15:06

Instrument :

MSVOA_X

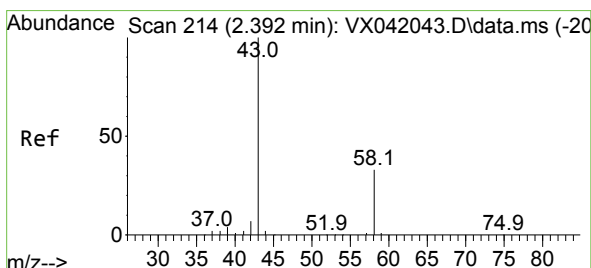
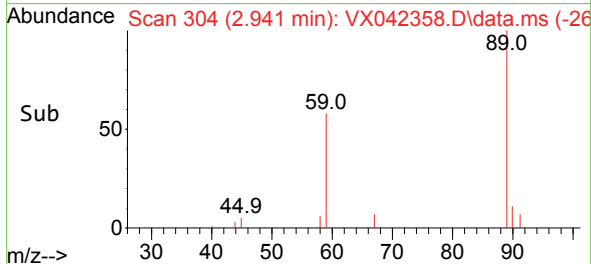
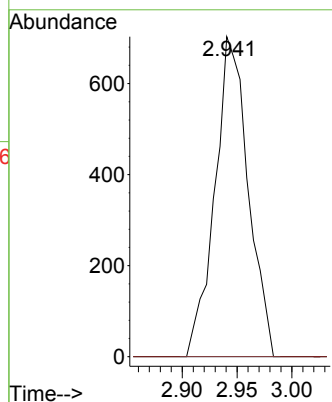
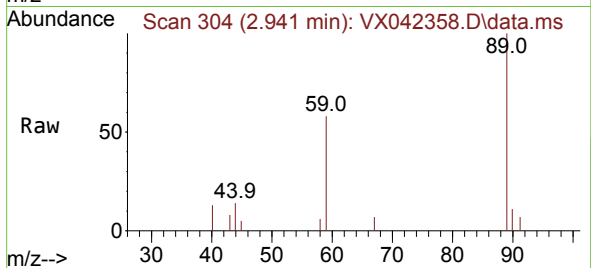
ClientSampleId :

Tgt Ion: 59 Resp: 1487

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.266 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX042358.D

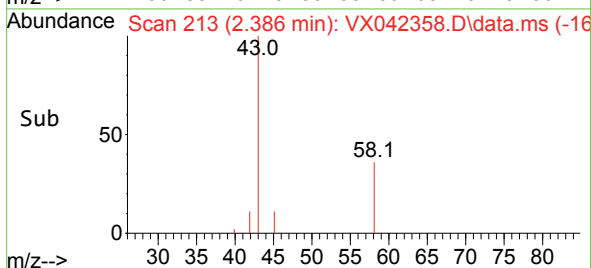
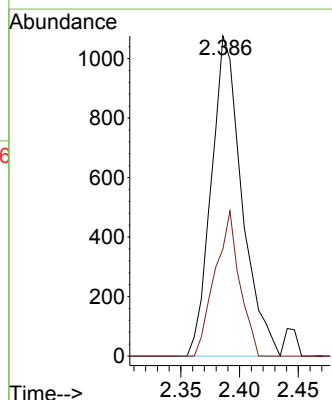
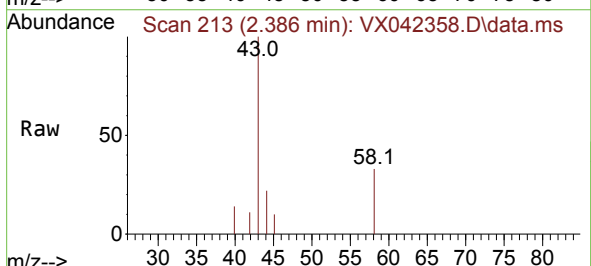
Acq: 17 Jul 2024 15:06

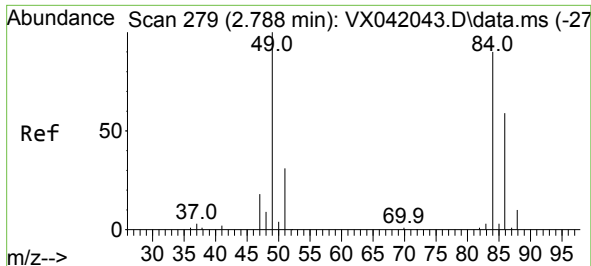
Tgt Ion: 43 Resp: 1947

Ion Ratio Lower Upper

43 100

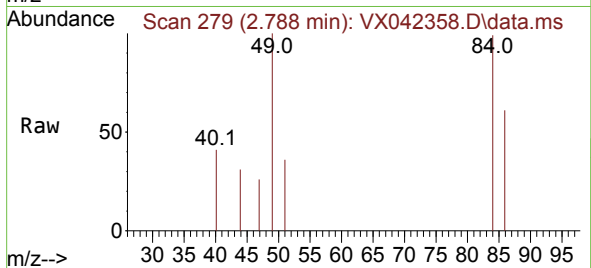
58 33.5 21.9 32.9#





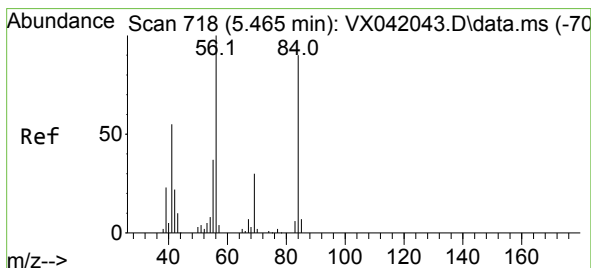
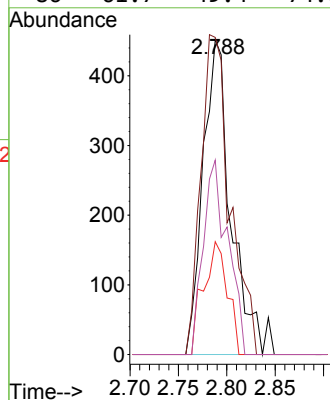
#20
Methylene Chloride
Concen: 0.486 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042358.D
Acq: 17 Jul 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :

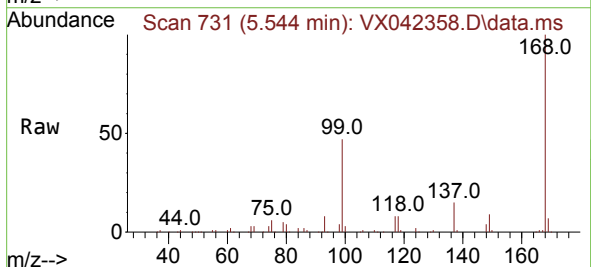


Tgt Ion: 84 Resp: 914

Ion	Ratio	Lower	Upper
84	100		
49	100.7	103.6	155.4#
51	35.8	33.8	50.6
86	61.7	49.4	74.0

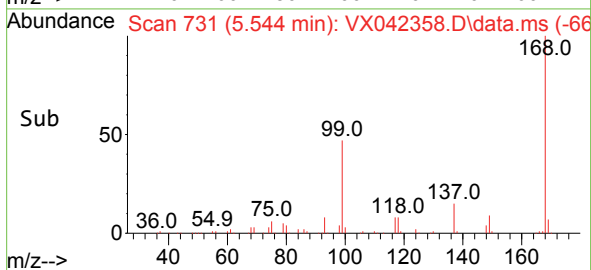
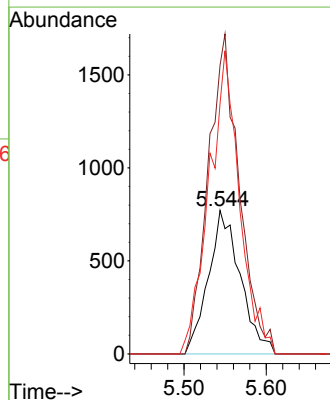


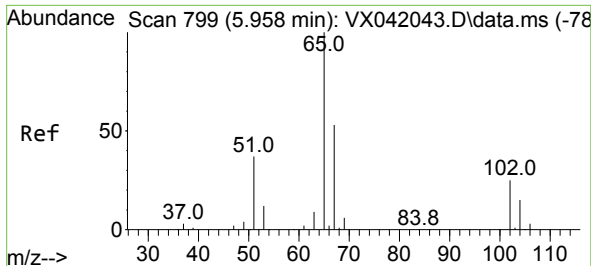
#31
Cyclohexane
Concen: 0.910 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX042358.D
Acq: 17 Jul 2024 15:06



Tgt Ion: 56 Resp: 2082

Ion	Ratio	Lower	Upper
56	100		
69	201.2	23.4	35.2#
84	174.6	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.729 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX042358.D

Acq: 17 Jul 2024 15:06

Instrument :

MSVOA_X

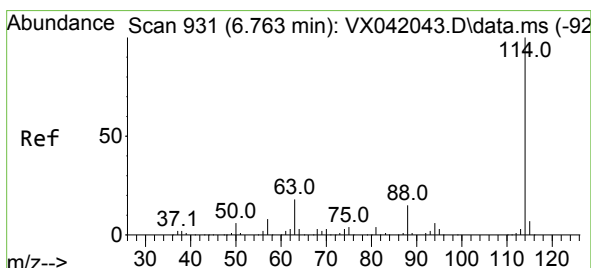
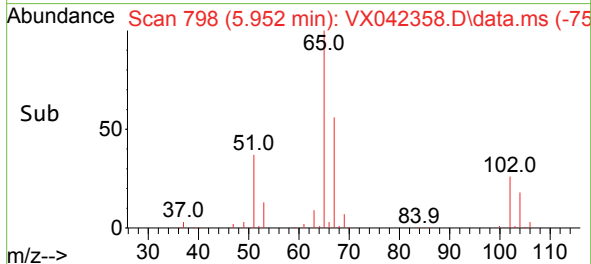
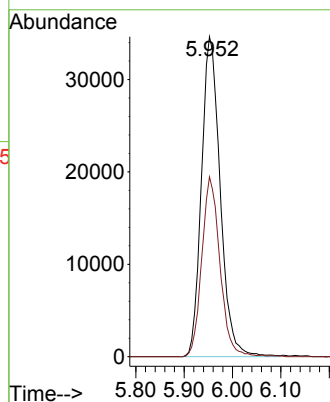
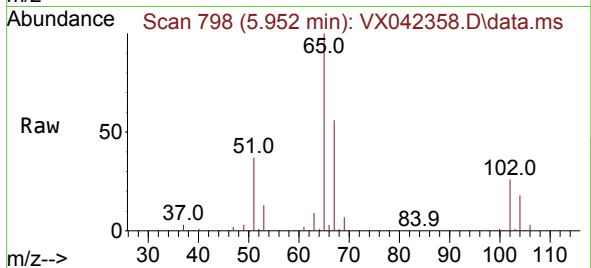
ClientSampleId :

Tgt Ion: 65 Resp: 93379

Ion Ratio Lower Upper

65 100

67 54.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042358.D

Acq: 17 Jul 2024 15:06

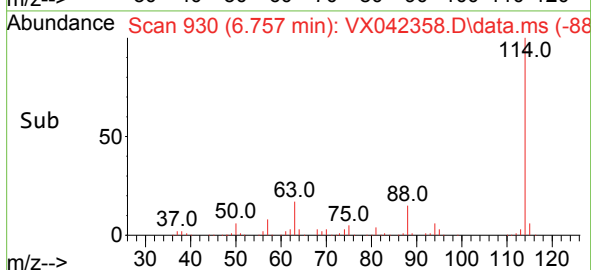
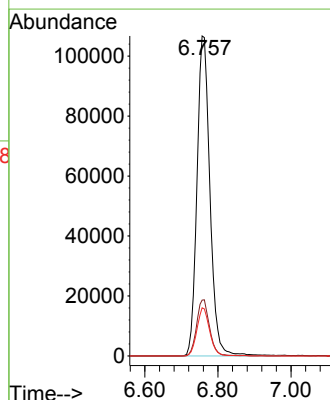
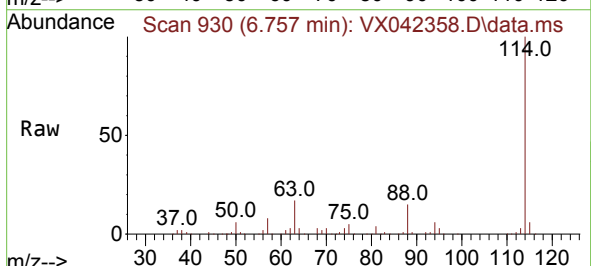
Tgt Ion:114 Resp: 264078

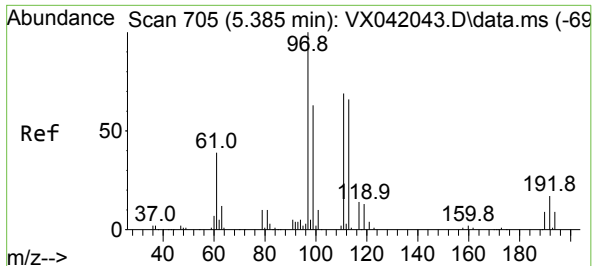
Ion Ratio Lower Upper

114 100

63 17.5 0.0 45.0

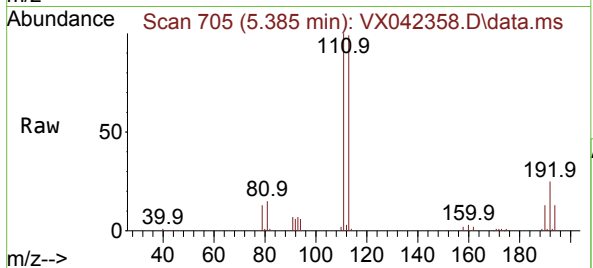
88 15.0 0.0 36.6



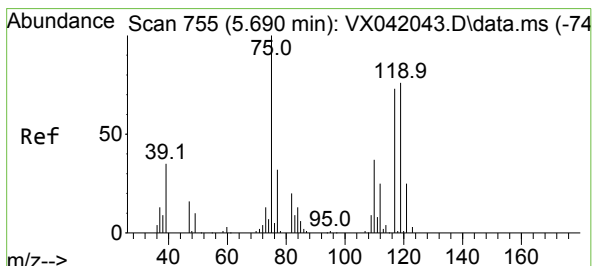
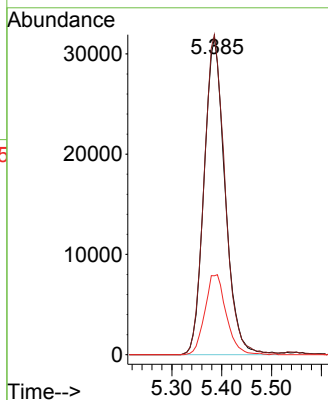
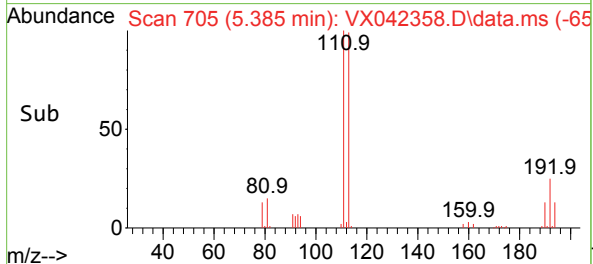


#35
Dibromofluoromethane
Concen: 49.213 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042358.D
Acq: 17 Jul 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :

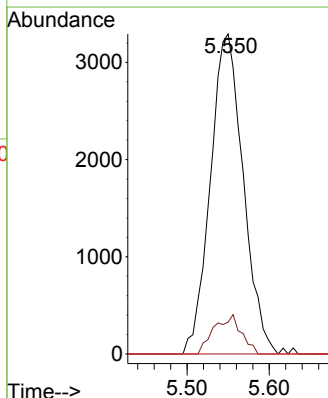
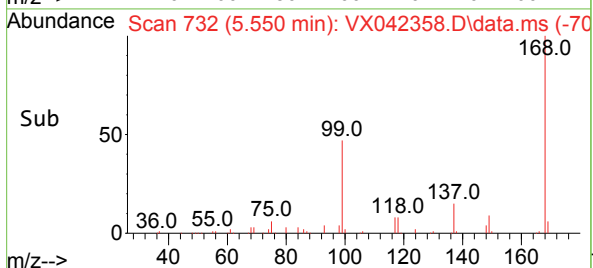
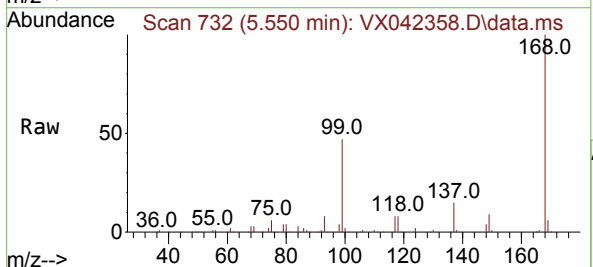


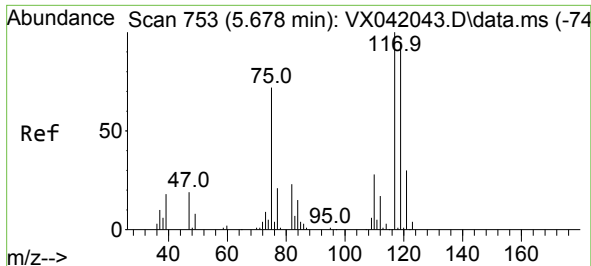
Tgt Ion:113 Resp: 92213
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 25.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.596 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042358.D
Acq: 17 Jul 2024 15:06

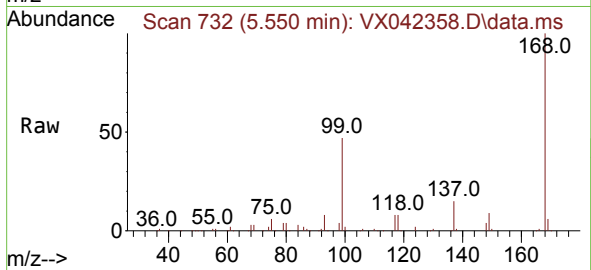
Tgt Ion: 75 Resp: 9144
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



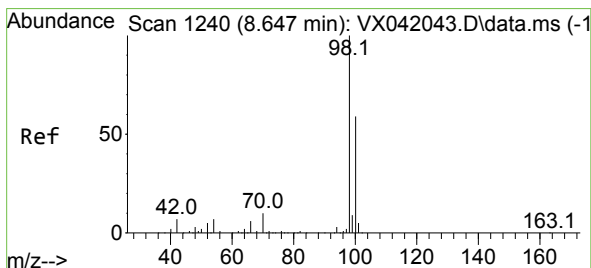
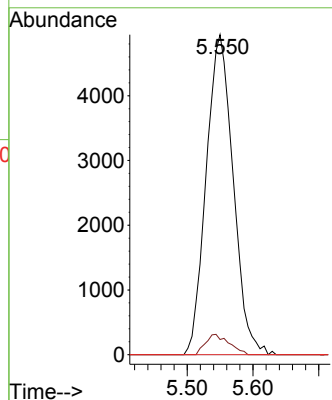
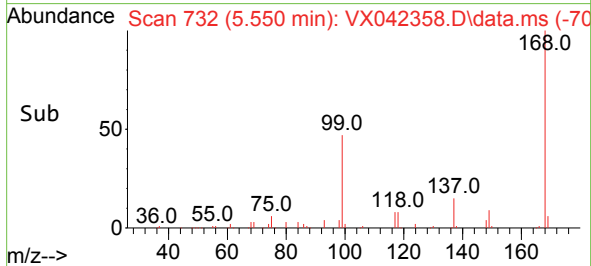


#38
Carbon Tetrachloride
Concen: 6.424 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042358.D
Acq: 17 Jul 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :

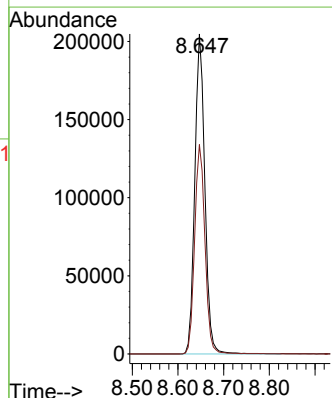
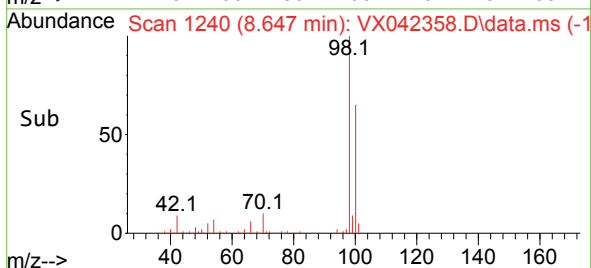
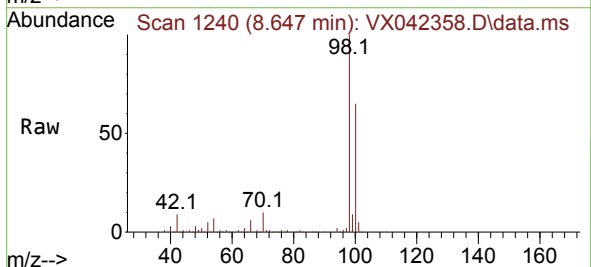


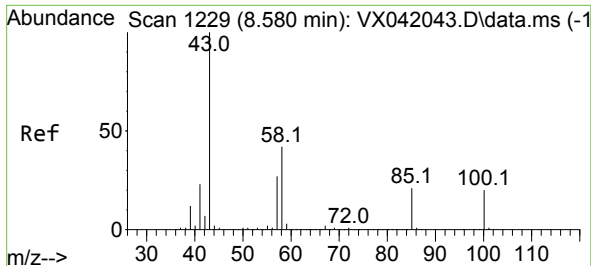
Tgt Ion:117 Resp: 14122
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.613 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042358.D
Acq: 17 Jul 2024 15:06

Tgt Ion: 98 Resp: 313420
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.405 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX042358.D

Acq: 17 Jul 2024 15:06

Instrument :

MSVOA_X

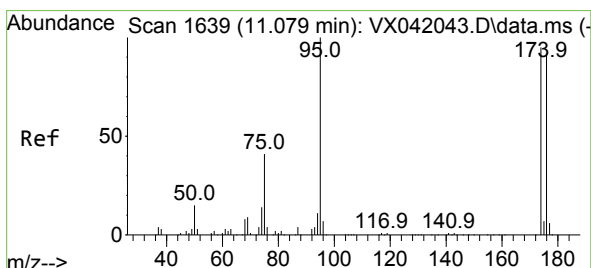
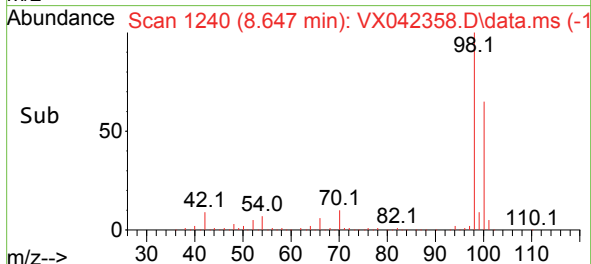
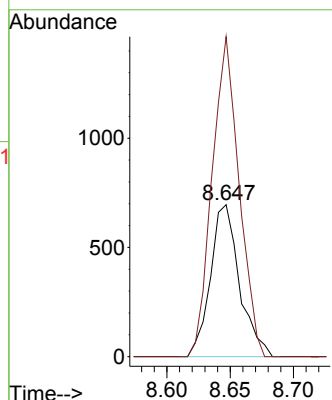
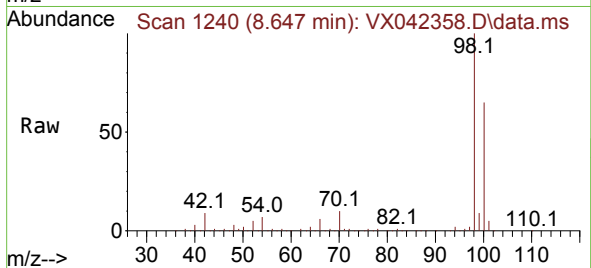
ClientSampleId :

Tgt Ion: 43 Resp: 1110

Ion Ratio Lower Upper

43 100

58 195.9 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 49.846 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042358.D

Acq: 17 Jul 2024 15:06

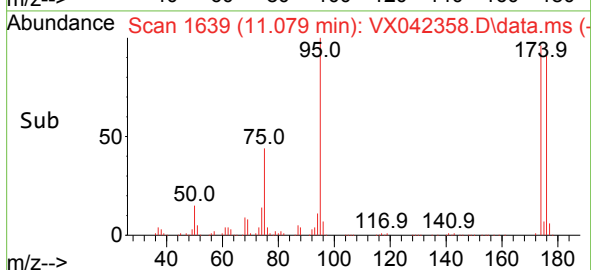
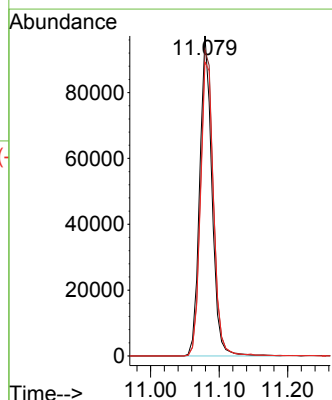
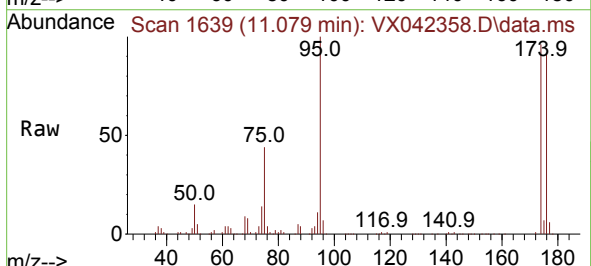
Tgt Ion: 95 Resp: 120954

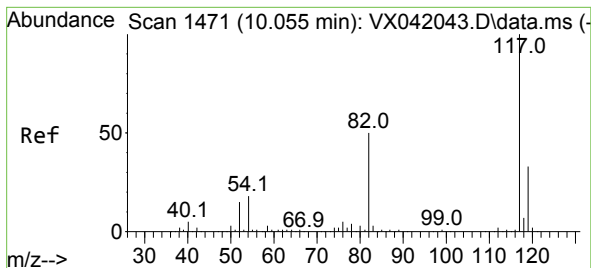
Ion Ratio Lower Upper

95 100

174 101.2 0.0 135.6

176 98.3 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: VX042358.D

Acq: 17 Jul 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

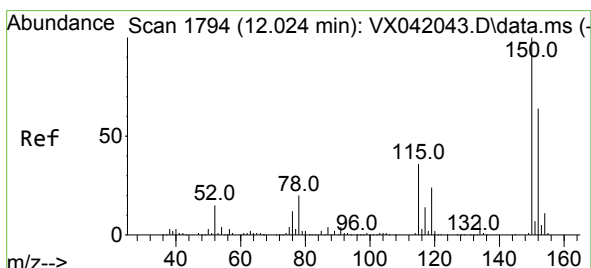
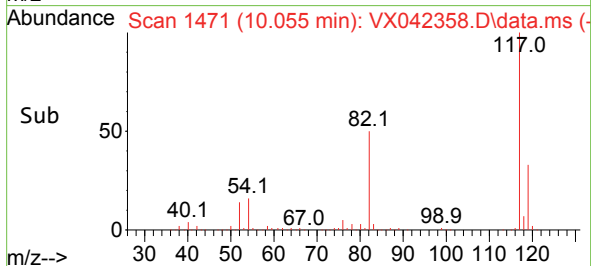
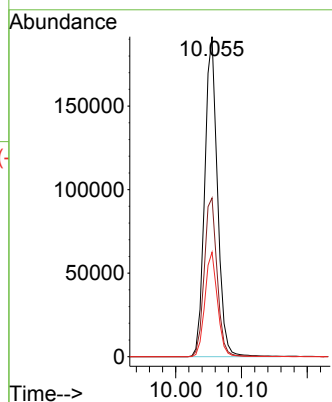
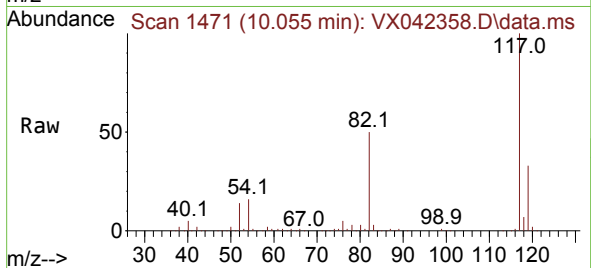
Tgt Ion:117 Resp: 257868

Ion Ratio Lower Upper

117 100

82 49.6 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# 1794

Delta R.T. 0.000 min

Lab File: VX042358.D

Acq: 17 Jul 2024 15:06

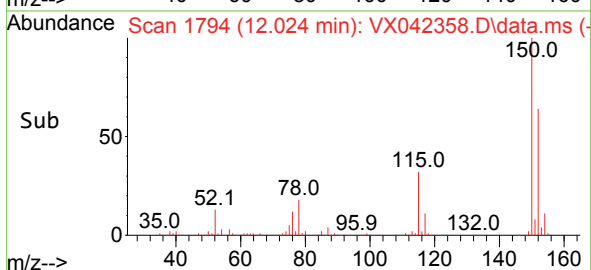
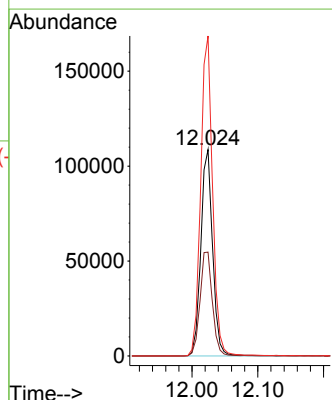
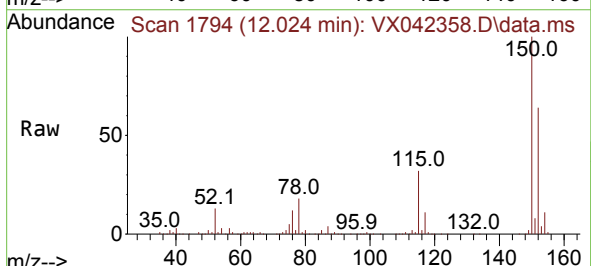
Tgt Ion:152 Resp: 135087

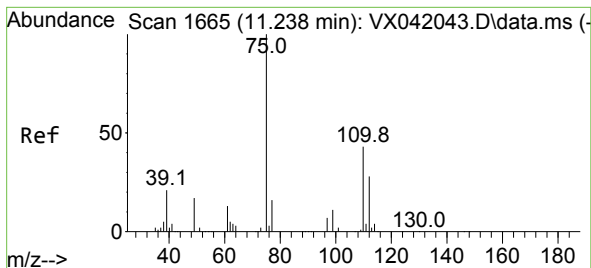
Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 156.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.709 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042358.D

Acq: 17 Jul 2024 15:06

Instrument :

MSVOA_X

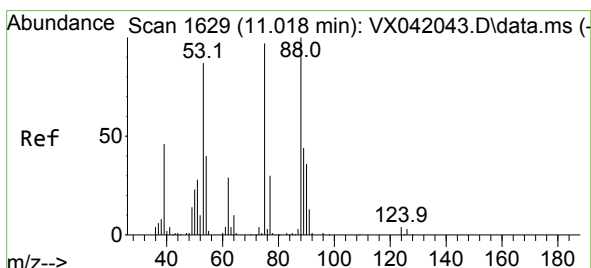
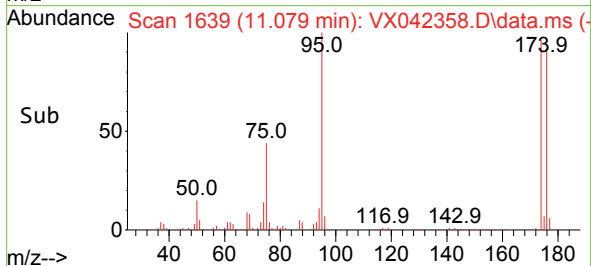
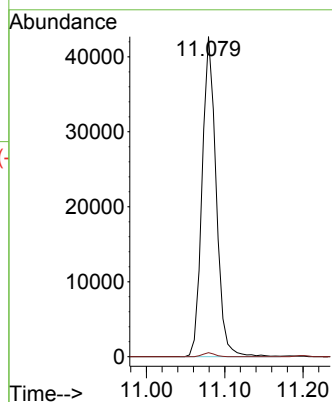
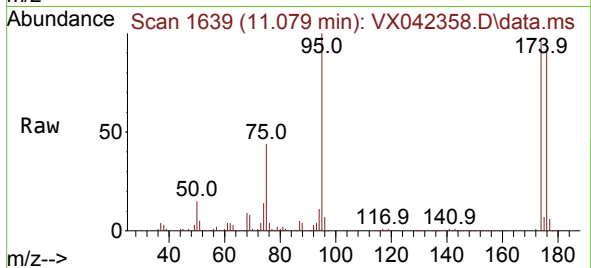
ClientSampleId :

Tgt Ion: 75 Resp: 53239

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.652 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042358.D

Acq: 17 Jul 2024 15:06

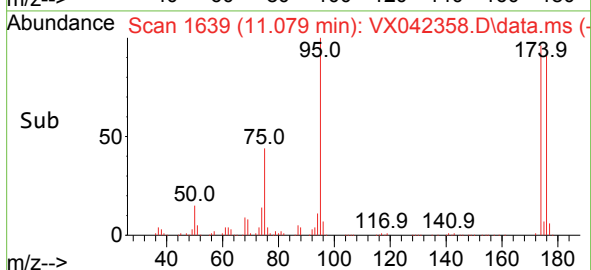
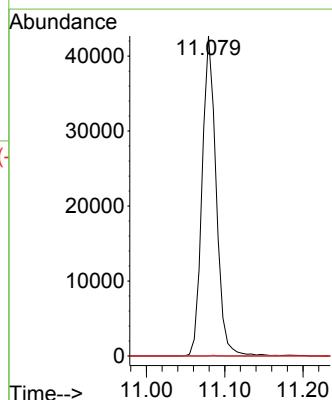
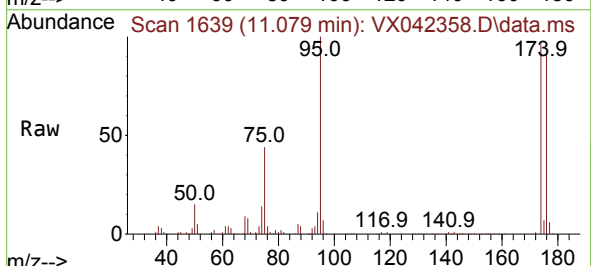
Tgt Ion: 75 Resp: 53239

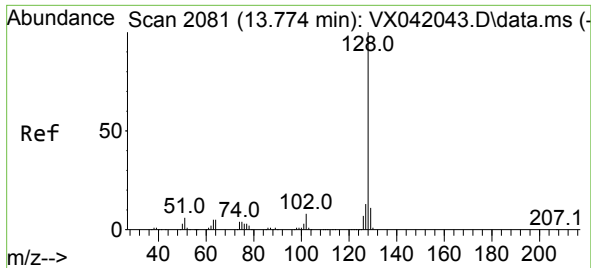
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

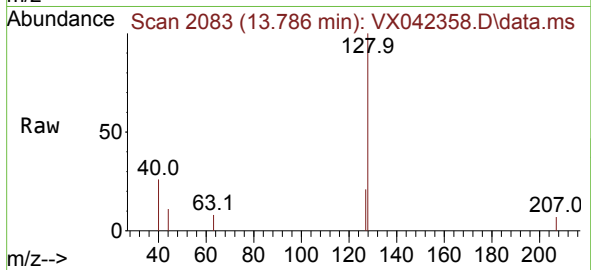
89 0.1 36.9 55.3#





#95
Naphthalene
Concen: 0.863 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042358.D
Acq: 17 Jul 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	1132
Ion	Ratio	Lower	Upper
128	100		
127	9.5	10.3	15.5#
129	0.0	8.8	13.2#

