

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042980.D
 Acq On : 09 Aug 2024 08:22
 Operator : JC/MD
 Sample : P3469-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 09 08:57:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

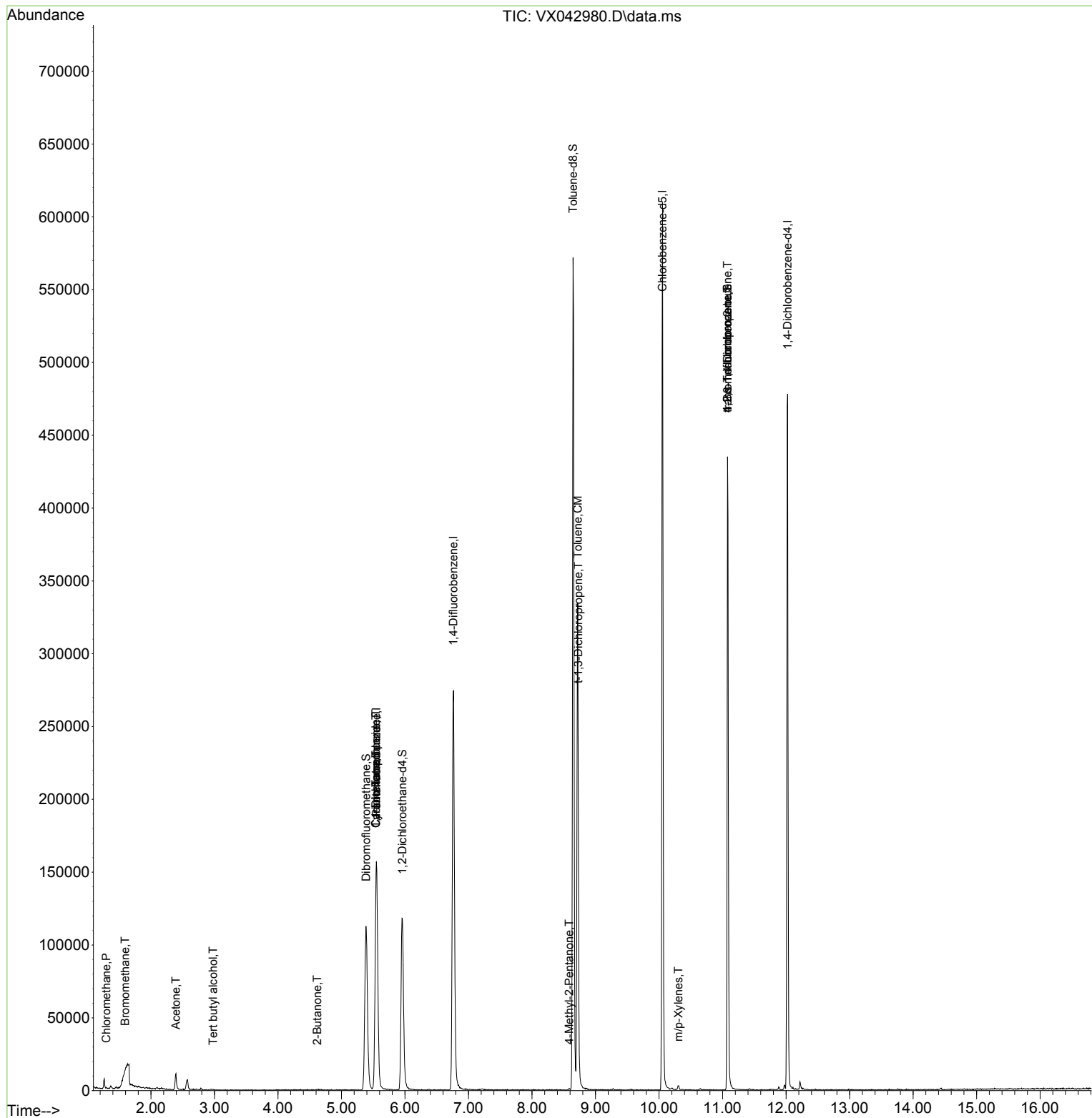
Internal Standards						
1) Pentafluorobenzene	5.550	168	148718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	284201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123607	60.544	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	121.080%	#
35) Dibromofluoromethane	5.385	113	102535	55.178	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	110.360%	
50) Toluene-d8	8.647	98	352904	53.496	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	107.000%	
62) 4-Bromofluorobenzene	11.079	95	118572	50.019	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.040%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	650	0.372	ug/l	# 83
5) Bromomethane	1.593	94	525	0.523	ug/l	# 62
11) Tert butyl alcohol	2.977	59	270	0.665	ug/l	# 78
16) Acetone	2.392	43	11610	13.111	ug/l	96
20) Methylene Chloride	2.782	84	507	Below Cal	#	71
25) 2-Butanone	4.617	43	868	0.624	ug/l	# 79
31) Cyclohexane	5.543	56	1703	0.667	ug/l	# 1
36) 1,1-Dichloropropene	5.543	75	11819	4.691	ug/l	# 50
38) Carbon Tetrachloride	5.543	117	16051	5.644	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.586	43	633	0.203	ug/l	90
52) Toluene	8.720	92	126180	26.604	ug/l	93
53) t-1,3-Dichloropropene	8.726	75	1704	0.681	ug/l	# 1
68) m/p-Xylenes	10.305	106	779	0.211	ug/l	# 73
76) 1,2,3-Trichloropropane	11.079	75	62138	26.513	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	62138	86.209	ug/l	# 5

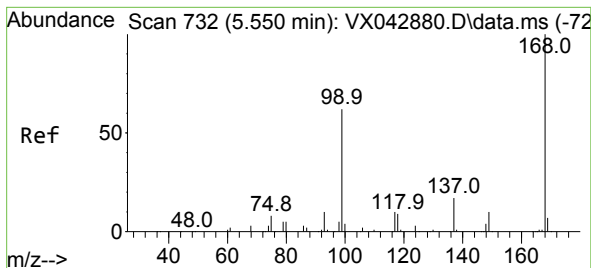
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 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: VX042980.D

Acq: 09 Aug 2024 08:22

Instrument :

MSVOA_X

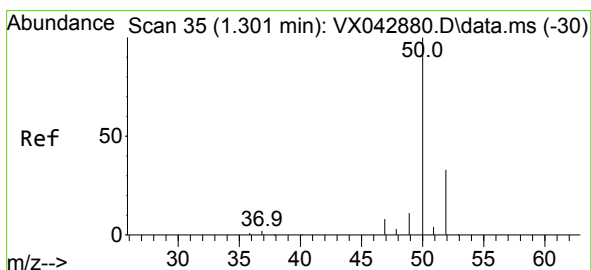
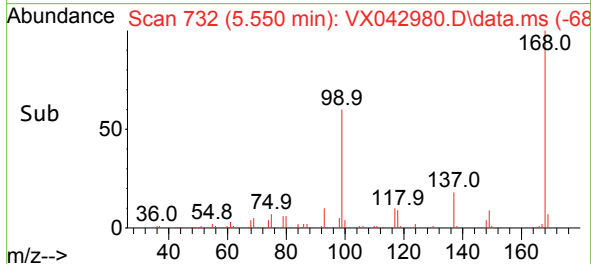
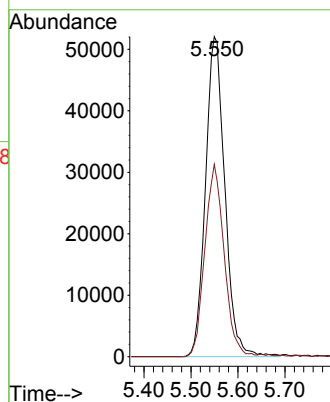
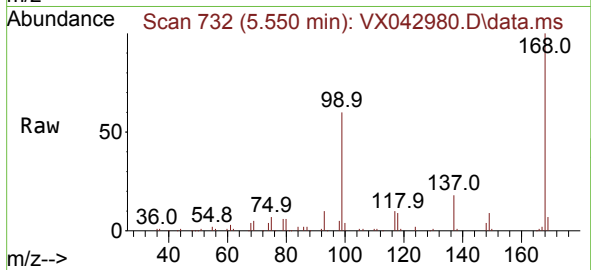
ClientSampleId :

Tgt Ion:168 Resp: 148718

Ion Ratio Lower Upper

168 100

99 60.1 56.6 85.0



#3

Chloromethane

Concen: 0.372 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX042980.D

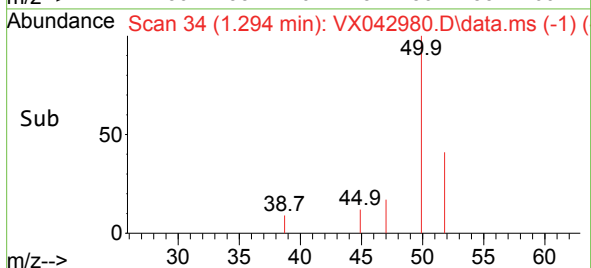
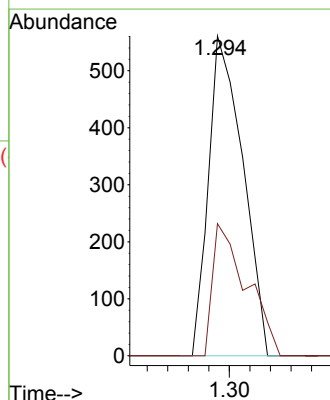
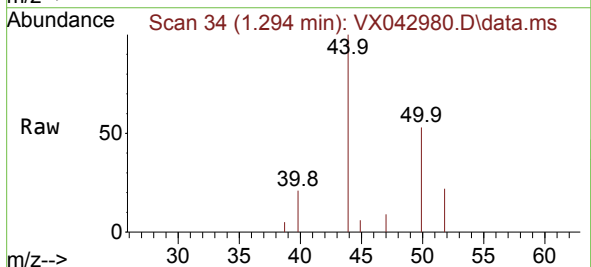
Acq: 09 Aug 2024 08:22

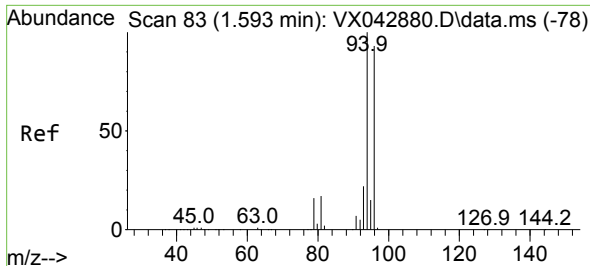
Tgt Ion: 50 Resp: 650

Ion Ratio Lower Upper

50 100

52 41.4 25.5 38.3#

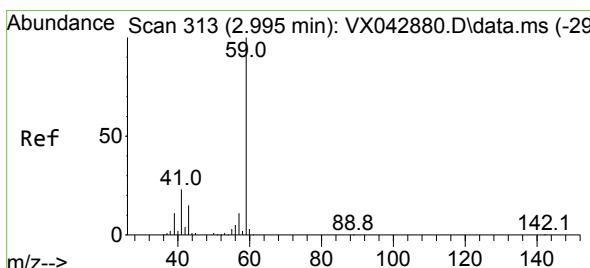
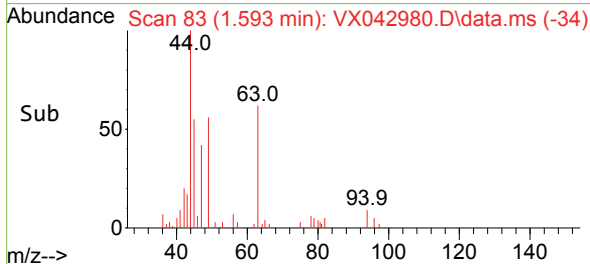
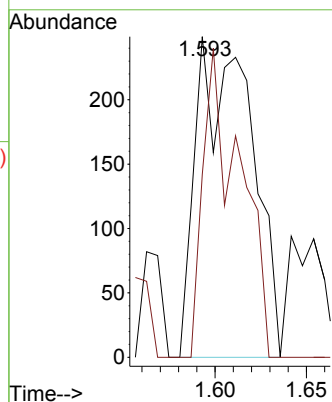
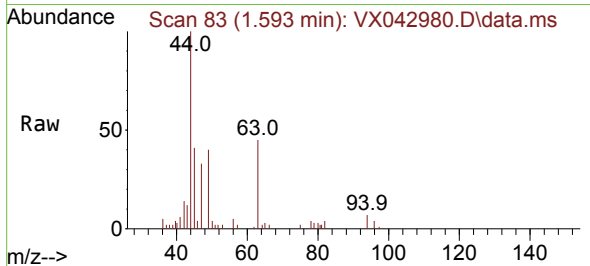




#5
Bromomethane
Concen: 0.523 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX042980.D
Acq: 09 Aug 2024 08:22

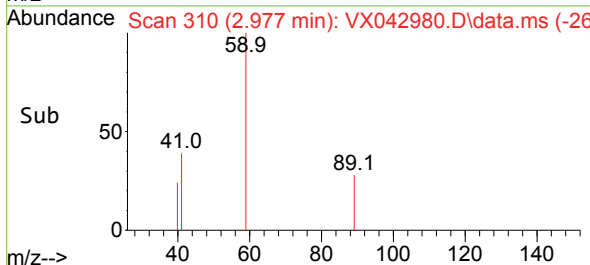
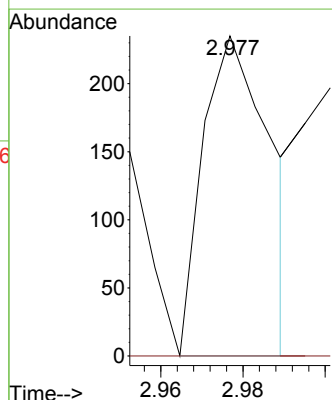
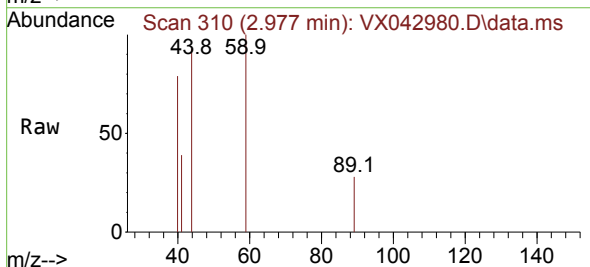
Instrument :
MSVOA_X
ClientSampleId :

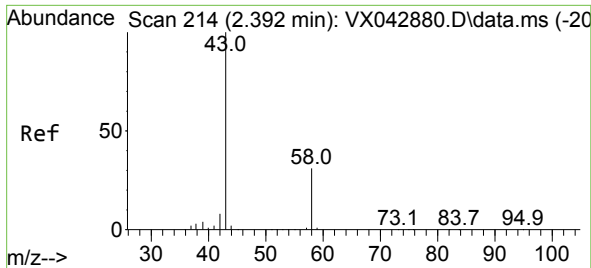
Tgt Ion: 94 Resp: 525
Ion Ratio Lower Upper
94 100
96 57.0 74.6 111.8#



#11
Tert butyl alcohol
Concen: 0.665 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.019 min
Lab File: VX042980.D
Acq: 09 Aug 2024 08:22

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

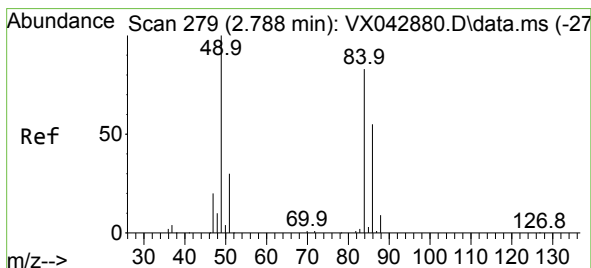
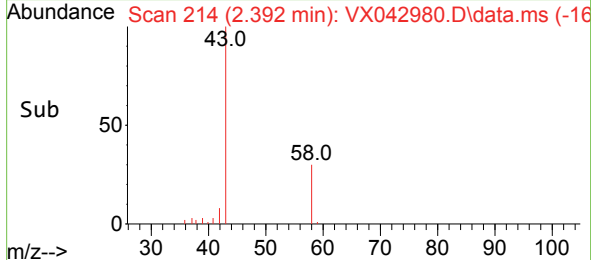
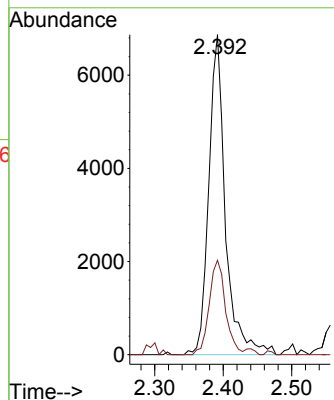
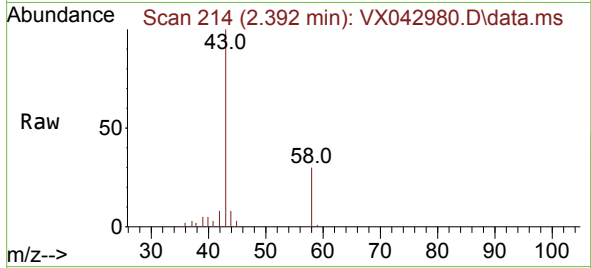




#16
Acetone
Concen: 13.111 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042980.D
Acq: 09 Aug 2024 08:22

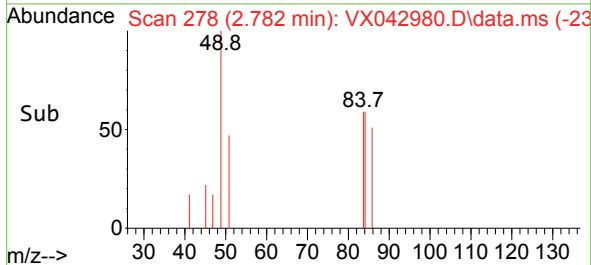
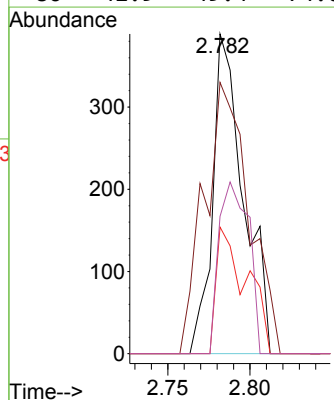
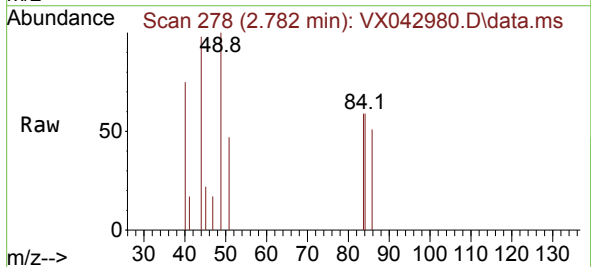
Instrument :
MSVOA_X
ClientSampleId :

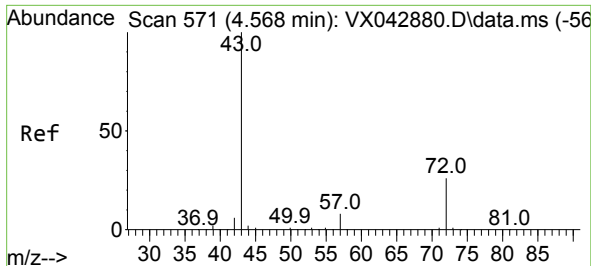
Tgt Ion: 43 Resp: 11610
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX042980.D
Acq: 09 Aug 2024 08:22

Tgt Ion: 84 Resp: 507
Ion Ratio Lower Upper
84 100
49 84.8 103.6 155.4#
51 39.6 33.8 50.6
86 42.9 49.4 74.0#

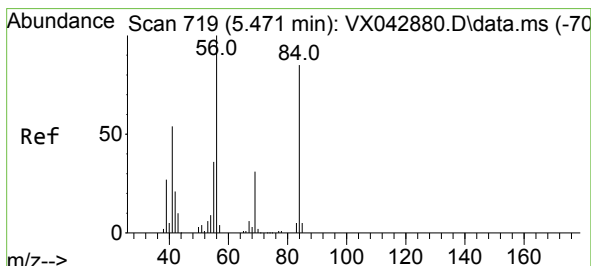
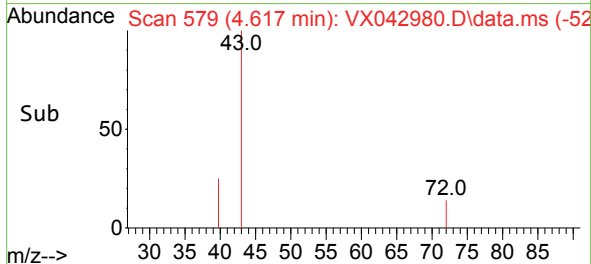
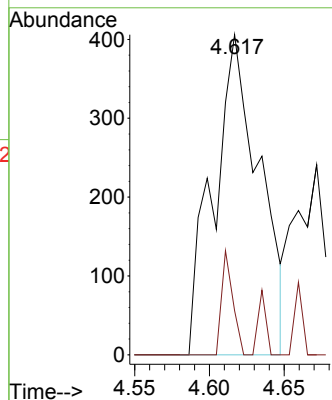
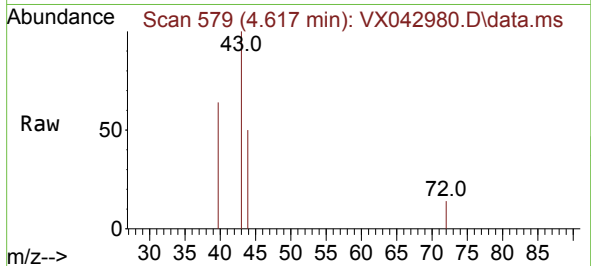




#25
2-Butanone
Concen: 0.624 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.048 min
Lab File: VX042980.D
Acq: 09 Aug 2024 08:22

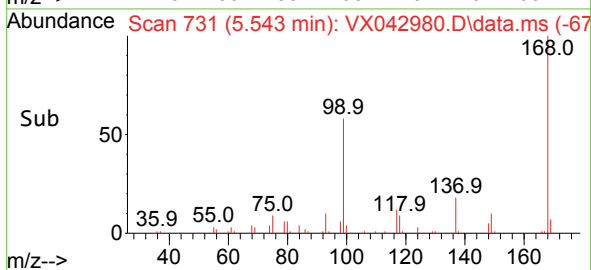
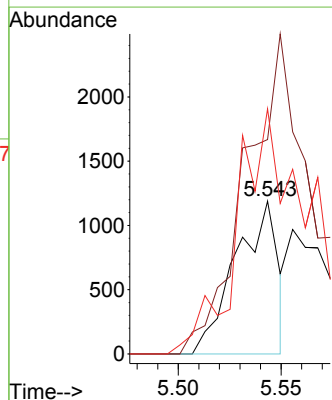
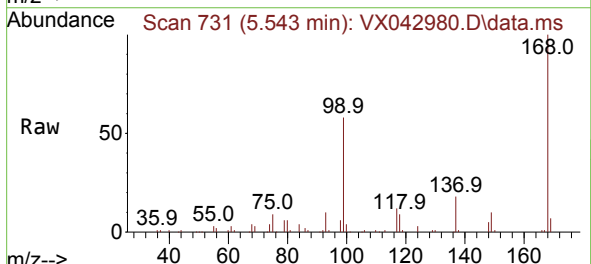
Instrument :
MSVOA_X
ClientSampleId :

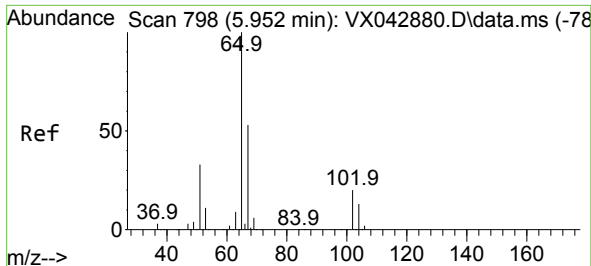
Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
72 13.8 19.4 29.2#



#31
Cyclohexane
Concen: 0.667 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX042980.D
Acq: 09 Aug 2024 08:22

Tgt Ion: 56 Resp: 1703
Ion Ratio Lower Upper
56 100
69 140.3 23.4 35.2#
84 154.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 60.544 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042980.D

Acq: 09 Aug 2024 08:22

Instrument :

MSVOA_X

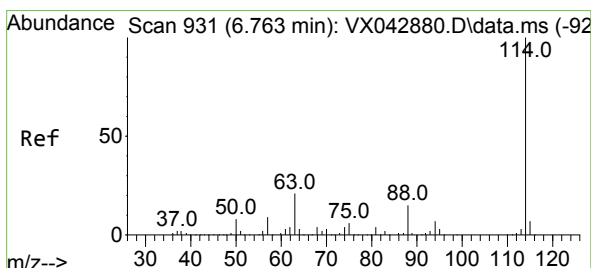
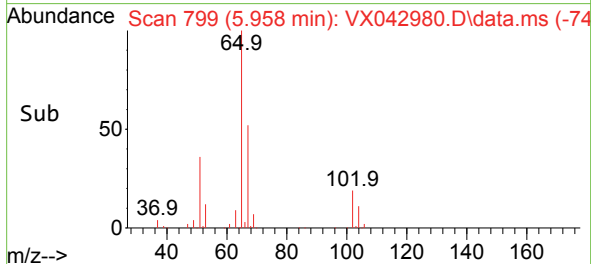
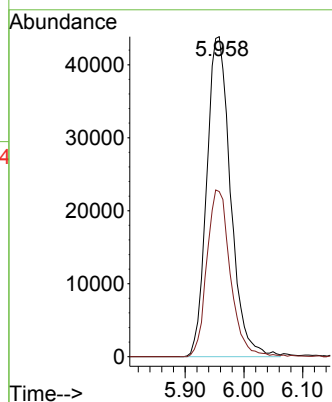
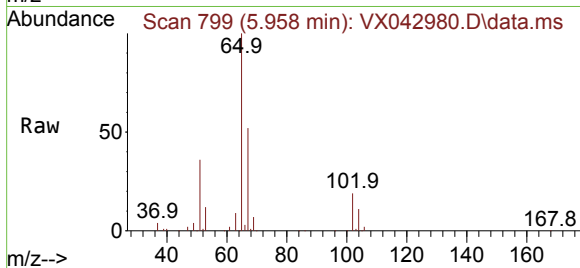
ClientSampleId :

Tgt Ion: 65 Resp: 123607

Ion Ratio Lower Upper

65 100

67 51.4 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: VX042980.D

Acq: 09 Aug 2024 08:22

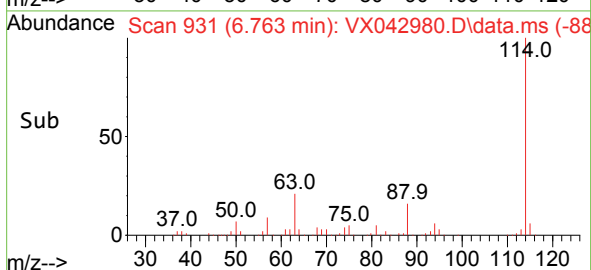
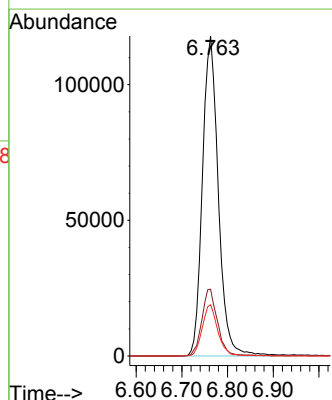
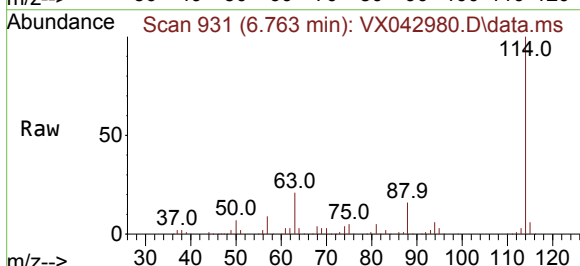
Tgt Ion: 114 Resp: 284201

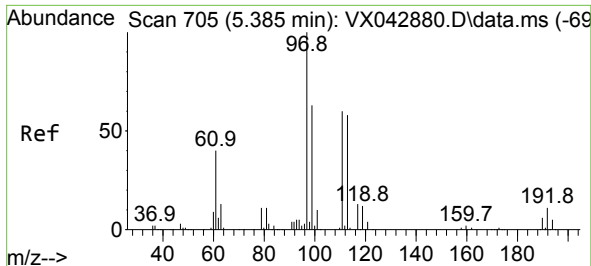
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 16.0 0.0 36.6

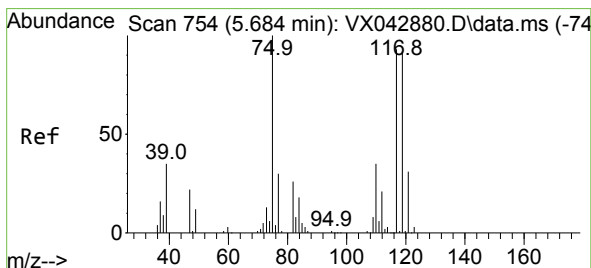
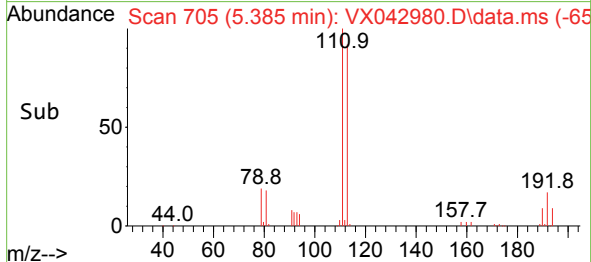
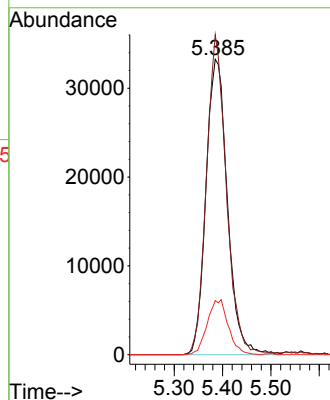
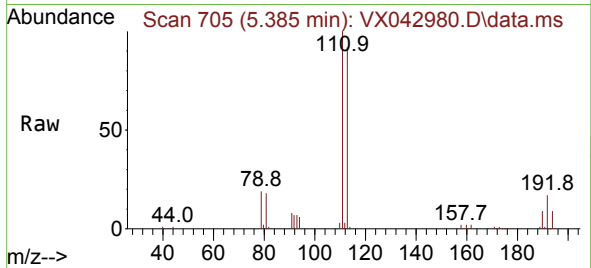




#35
Dibromofluoromethane
Concen: 55.178 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042980.D
Acq: 09 Aug 2024 08:22

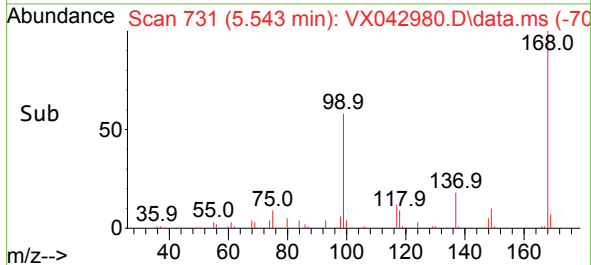
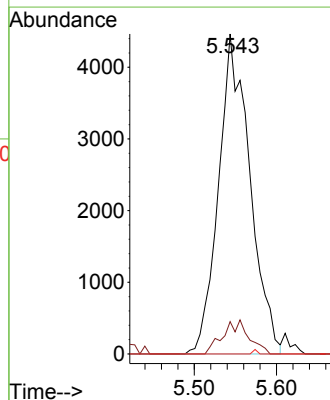
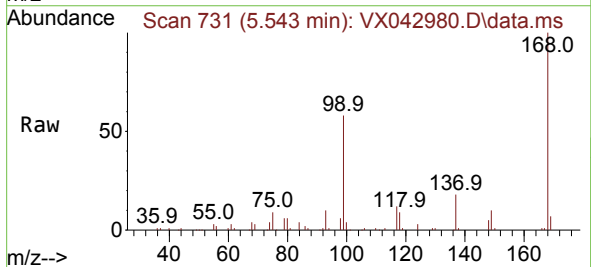
Instrument :
MSVOA_X
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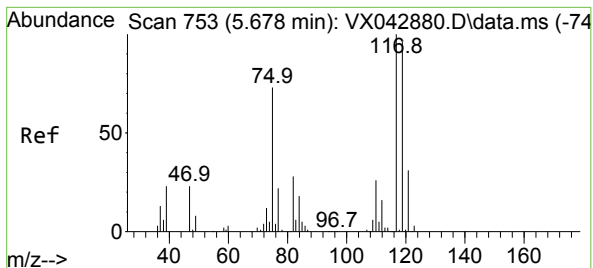
Tgt Ion:113 Resp: 102535
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.691 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.141 min
Lab File: VX042980.D
Acq: 09 Aug 2024 08:22

Tgt Ion: 75 Resp: 11819
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.644 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.134 min

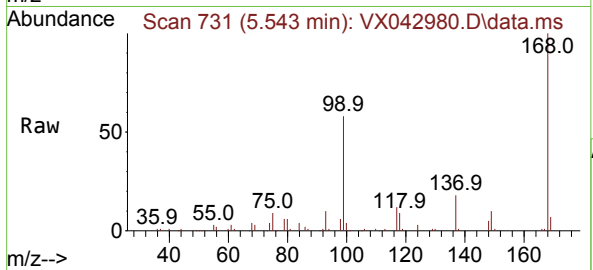
Lab File: VX042980.D

Acq: 09 Aug 2024 08:22

Instrument :

MSVOA_X

ClientSampleId :



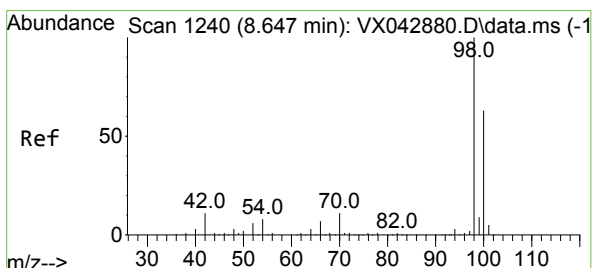
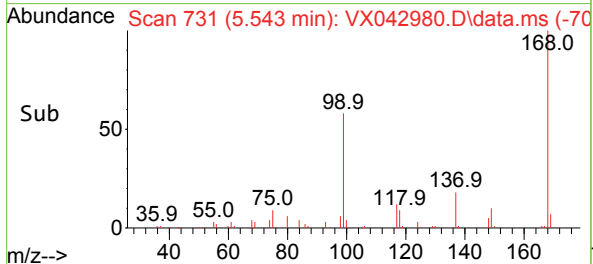
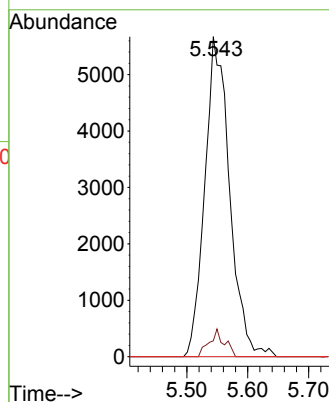
Tgt Ion:117 Resp: 16051

Ion Ratio Lower Upper

117 100

119 5.0 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 53.496 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX042980.D

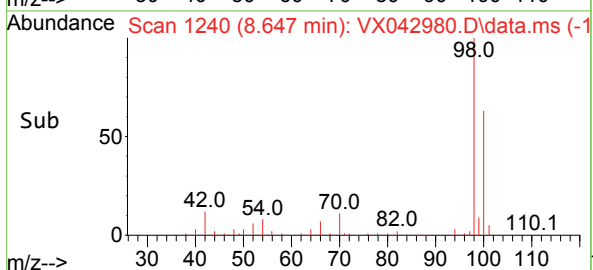
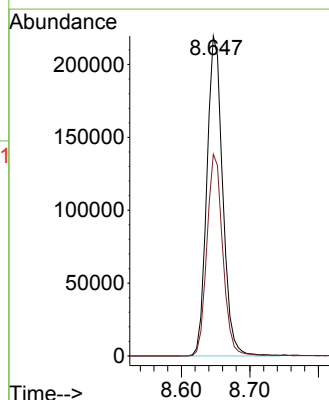
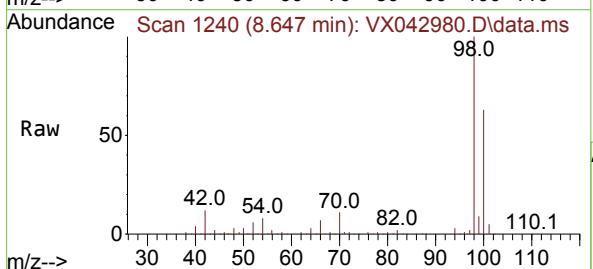
Acq: 09 Aug 2024 08:22

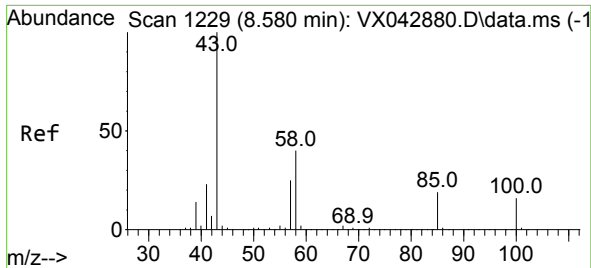
Tgt Ion: 98 Resp: 352904

Ion Ratio Lower Upper

98 100

100 63.4 53.1 79.7

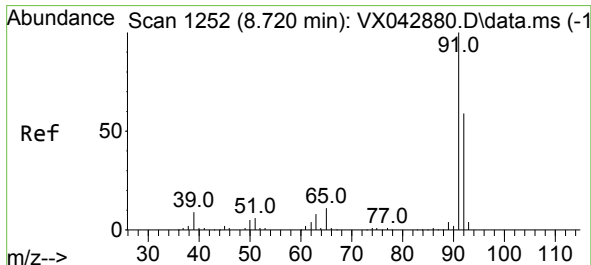
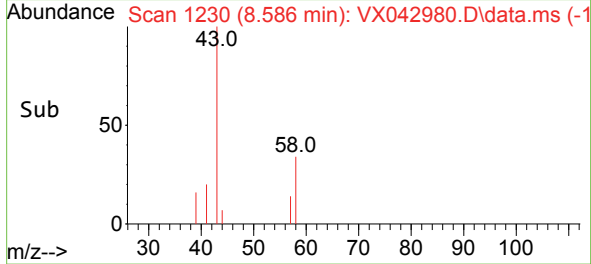
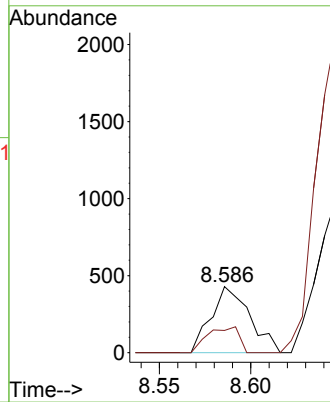
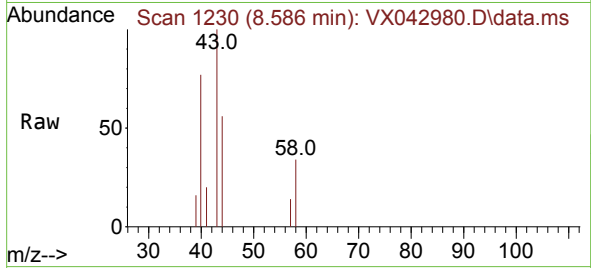




#51
4-Methyl-2-Pentanone
Concen: 0.203 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042980.D
Acq: 09 Aug 2024 08:22

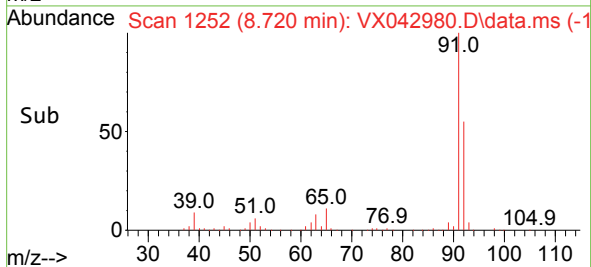
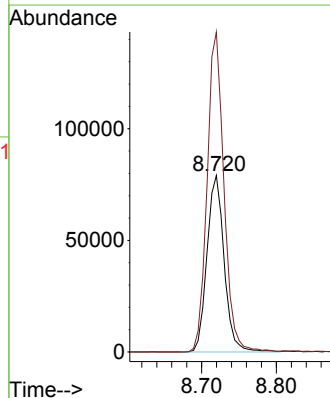
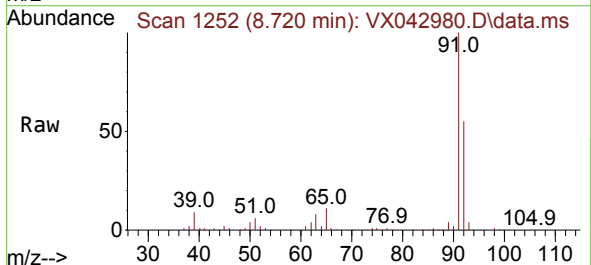
Instrument :
MSVOA_X
ClientSampleId :

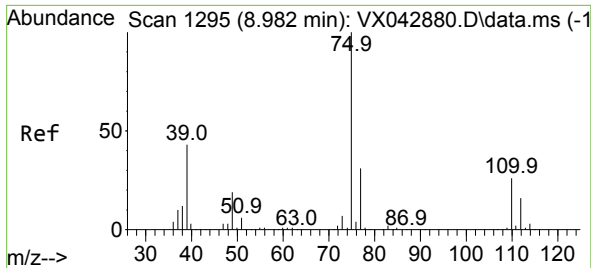
Tgt Ion: 43 Resp: 633
Ion Ratio Lower Upper
43 100
58 31.8 30.4 45.6



#52
Toluene
Concen: 26.604 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042980.D
Acq: 09 Aug 2024 08:22

Tgt Ion: 92 Resp: 126180
Ion Ratio Lower Upper
92 100
91 177.6 134.2 201.2

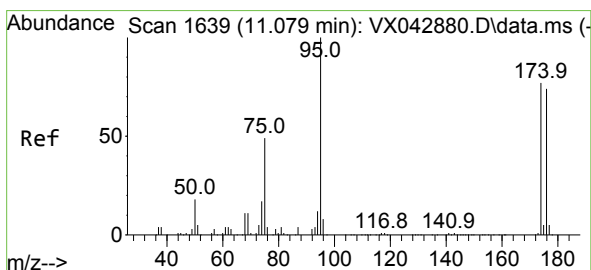
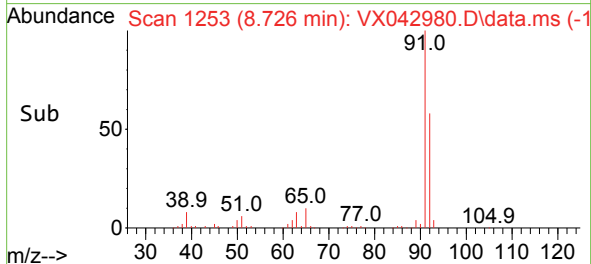
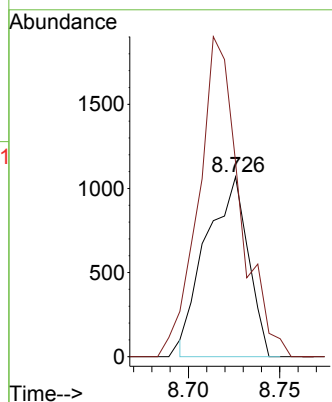
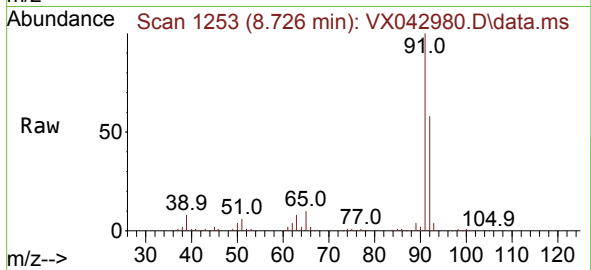




#53
 t-1,3-Dichloropropene
 Concen: 0.681 ug/l
 RT: 8.726 min Scan# 11
 Delta R.T. -0.256 min
 Lab File: VX042980.D
 Acq: 09 Aug 2024 08:22

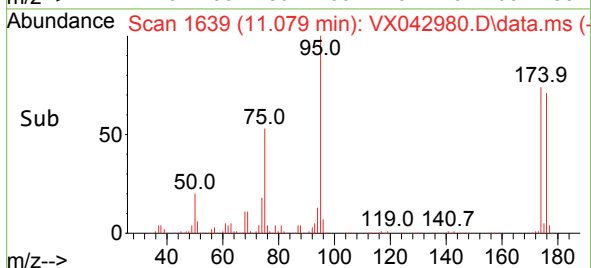
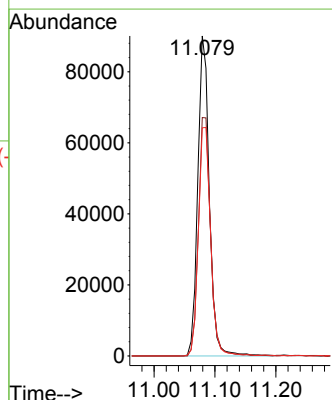
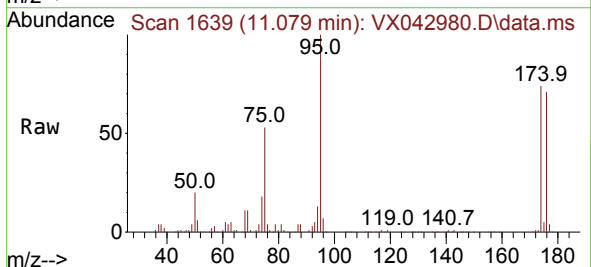
Instrument :
 MSVOA_X
 ClientSampleId :

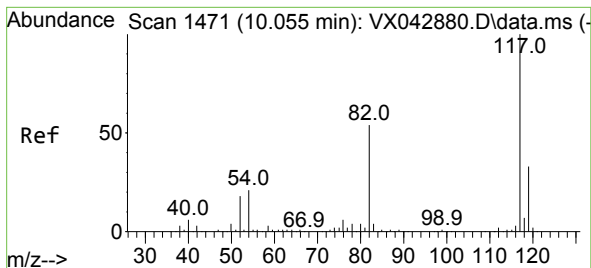
Tgt Ion: 75 Resp: 1704
 Ion Ratio Lower Upper
 75 100
 77 98.1 25.7 38.5#



#62
 4-Bromofluorobenzene
 Concen: 50.019 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX042980.D
 Acq: 09 Aug 2024 08:22

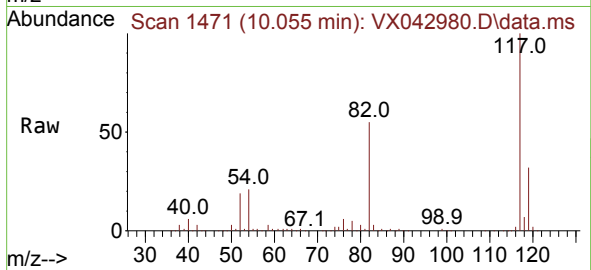
Tgt Ion: 95 Resp: 118572
 Ion Ratio Lower Upper
 95 100
 174 78.0 0.0 135.6
 176 75.8 0.0 131.0



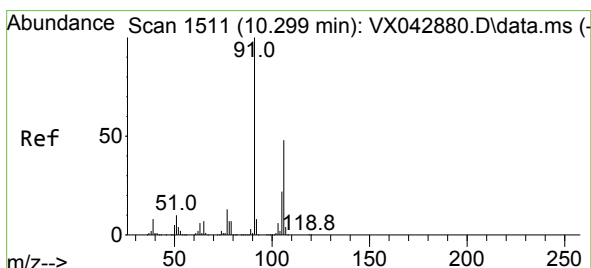
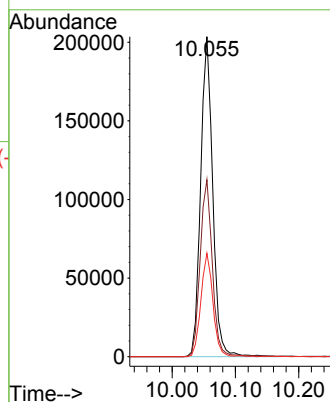
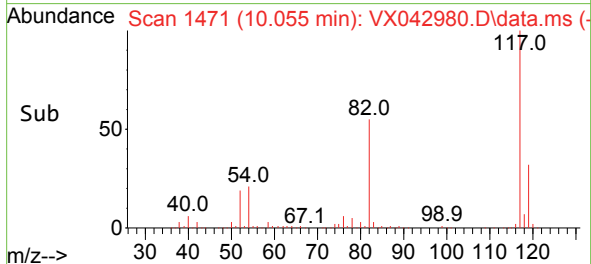


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042980.D
Acq: 09 Aug 2024 08:22

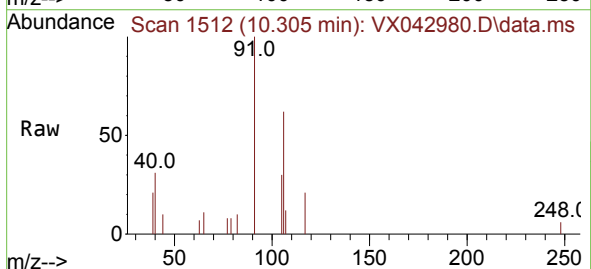
Instrument :
MSVOA_X
ClientSampleId :



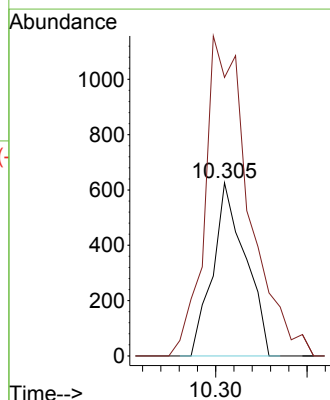
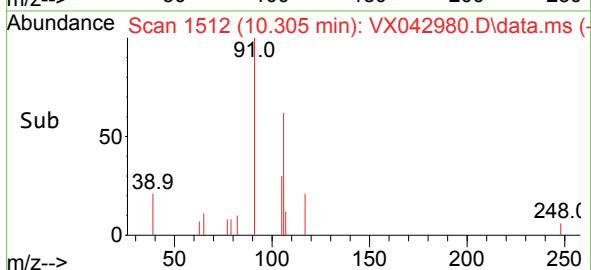
Tgt Ion:117 Resp: 271113
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.3 25.5 38.3

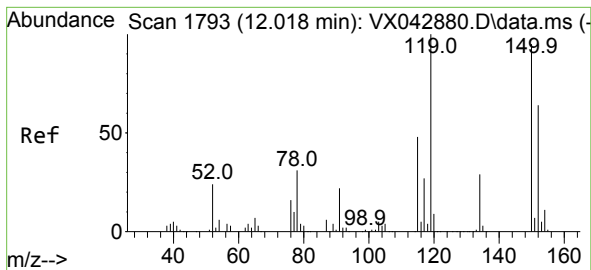


#68
m/p-Xylenes
Concen: 0.211 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX042980.D
Acq: 09 Aug 2024 08:22



Tgt Ion:106 Resp: 779
Ion Ratio Lower Upper
106 100
91 248.7 165.5 248.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042980.D

Acq: 09 Aug 2024 08:22

Instrument :

MSVOA_X

ClientSampleId :

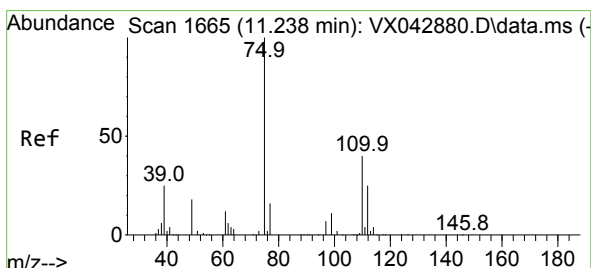
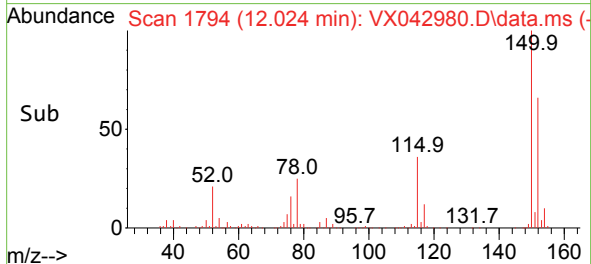
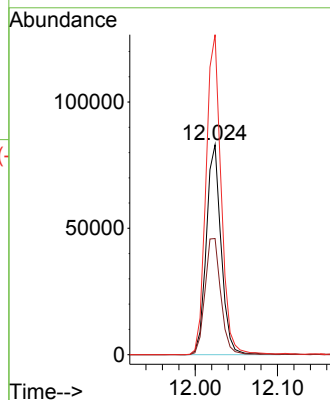
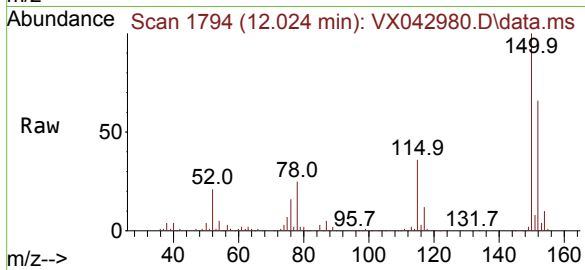
Tgt Ion:152 Resp: 104210

Ion Ratio Lower Upper

152 100

115 58.9 43.3 129.9

150 155.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.513 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042980.D

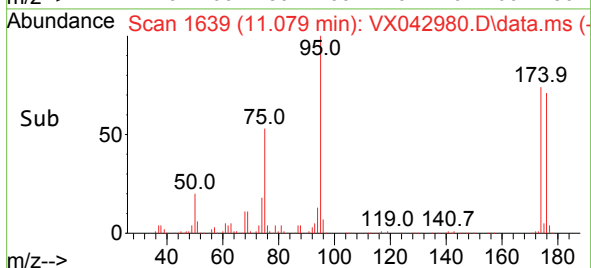
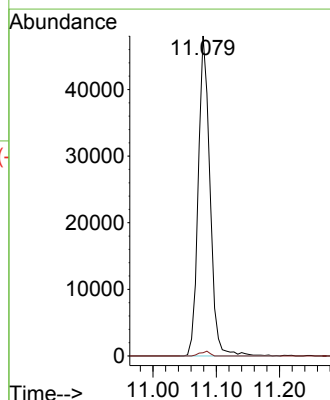
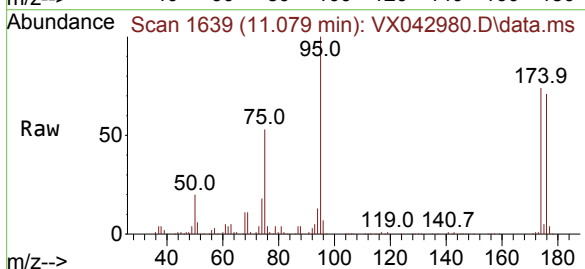
Acq: 09 Aug 2024 08:22

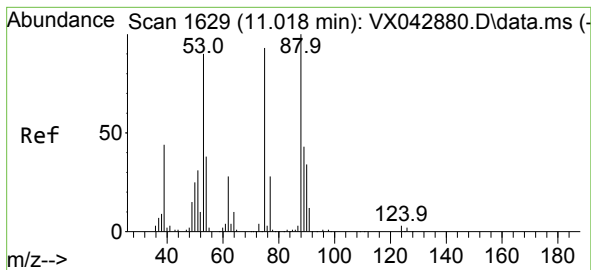
Tgt Ion: 75 Resp: 62138

Ion Ratio Lower Upper

75 100

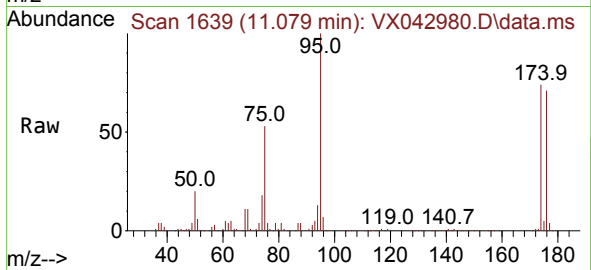
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.209 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042980.D
 Acq: 09 Aug 2024 08:22

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 62138
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

