

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041969.D
 Acq On : 21 Jun 2024 10:25
 Operator : JC/MD
 Sample : VX0621WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

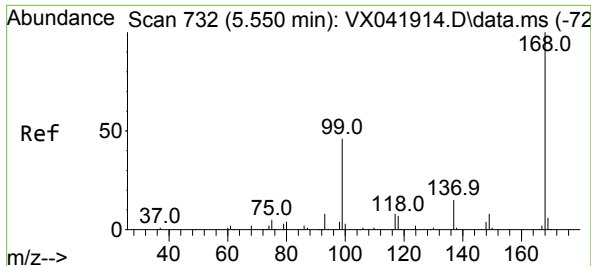
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 04:38:30 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	153149	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	236552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78229	44.297	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.600%
35) Dibromofluoromethane	5.385	113	73592	43.845	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.700%
50) Toluene-d8	8.647	98	275543	46.730	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.460%
62) 4-Bromofluorobenzene	11.079	95	103652	47.687	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.380%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	554	0.765	ug/l	# 78
6) Chloroethane	1.672	64	158	Below Cal		# 43
13) Acrolein	2.239	56	243	0.647	ug/l	92
16) Acetone	2.392	43	1328	1.713	ug/l	# 80
17) Carbon Disulfide	2.495	76	706	0.262	ug/l	# 76
20) Methylene Chloride	2.788	84	1239	0.730	ug/l	# 83
31) Cyclohexane	5.544	56	2291	1.109	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	9083	5.096	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	12736	6.467	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	47873	22.597	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	47873	64.172	ug/l	# 5
95) Naphthalene	13.786	128	980	0.863	ug/l	# 81

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

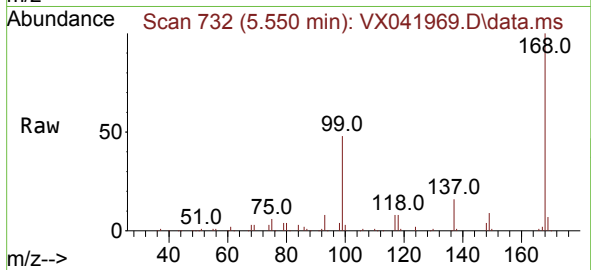


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041969.D
Acq: 21 Jun 2024 10:25

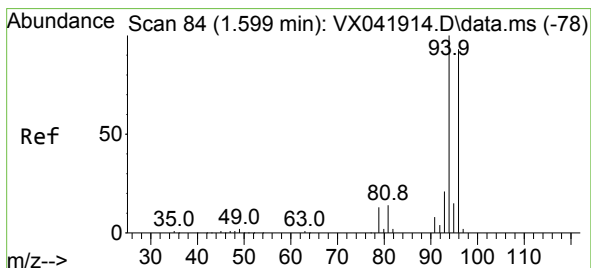
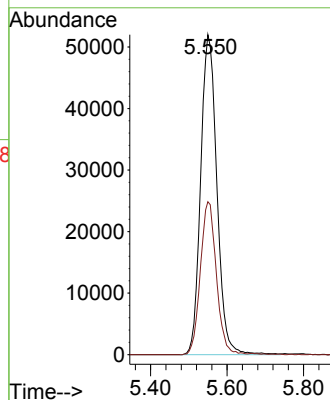
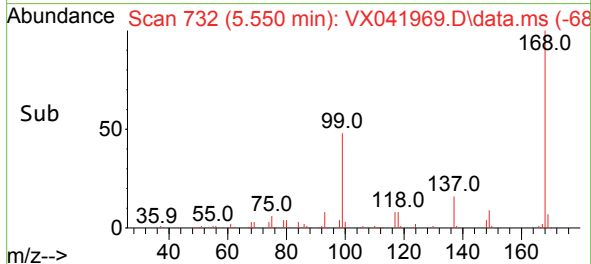
Instrument :

MSVOA_X

ClientSampleId :

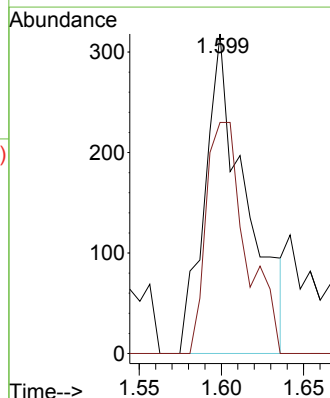
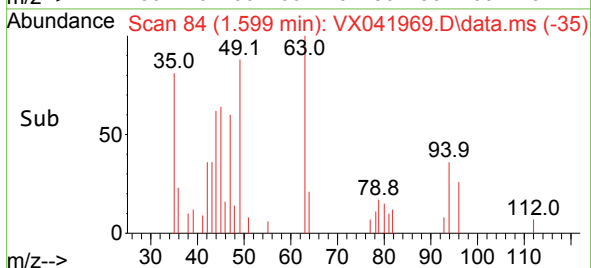
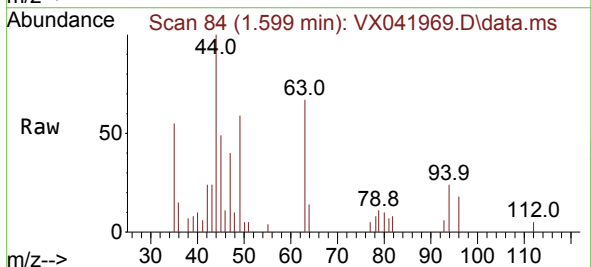


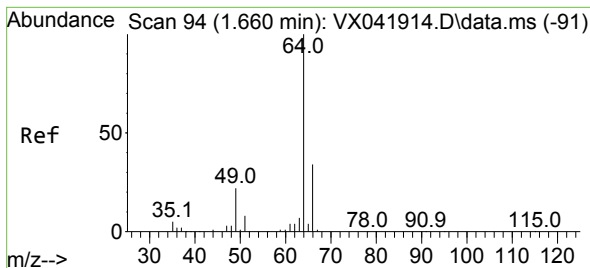
Tgt Ion:168 Resp: 153149
Ion Ratio Lower Upper
168 100
99 47.8 56.6 85.0#



#5
Bromomethane
Concen: 0.765 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041969.D
Acq: 21 Jun 2024 10:25

Tgt Ion: 94 Resp: 554
Ion Ratio Lower Upper
94 100
96 72.3 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.672 min Scan# 90

Delta R.T. 0.012 min

Lab File: VX041969.D

Acq: 21 Jun 2024 10:25

Instrument :

MSVOA_X

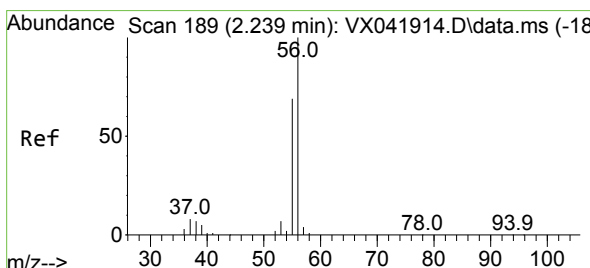
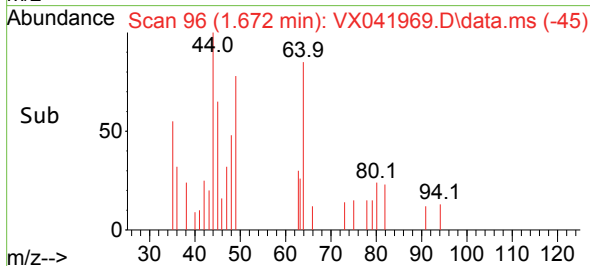
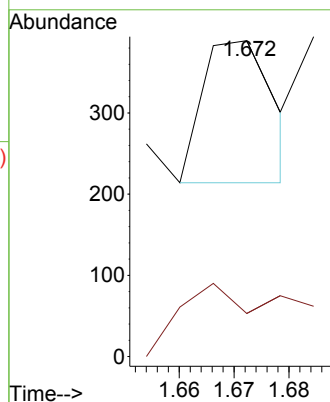
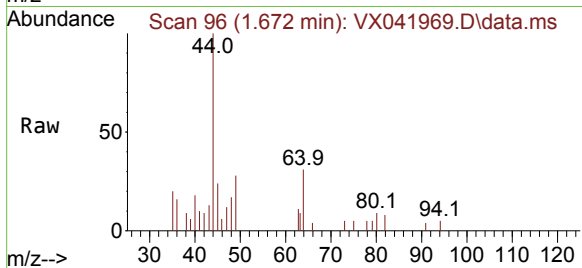
ClientSampleId :

Tgt Ion: 64 Resp: 158

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#13

Acrolein

Concen: 0.647 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX041969.D

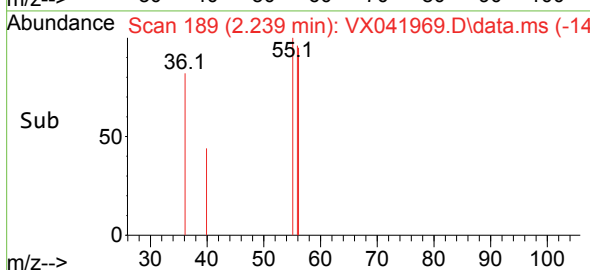
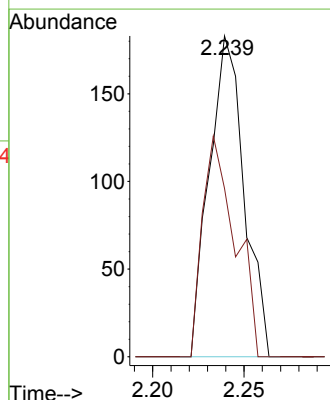
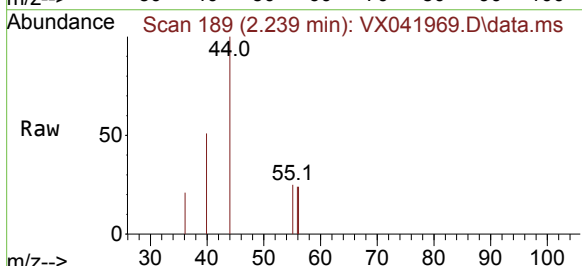
Acq: 21 Jun 2024 10:25

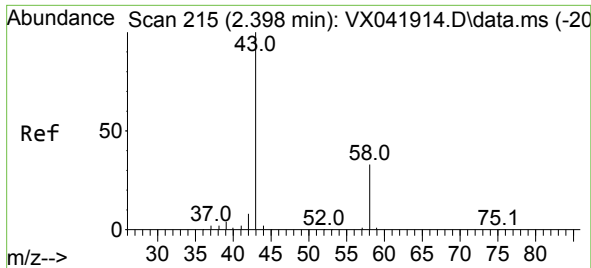
Tgt Ion: 56 Resp: 243

Ion Ratio Lower Upper

56 100

55 64.6 57.1 85.7

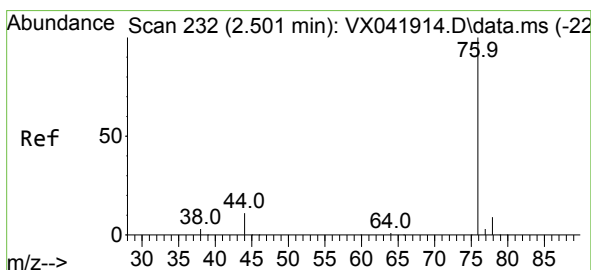
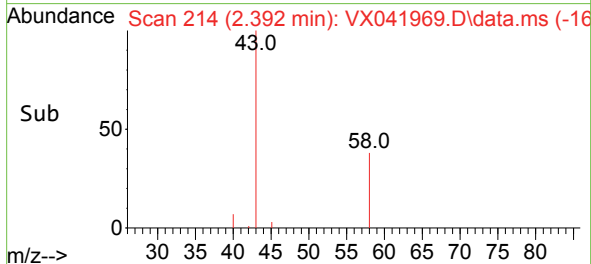
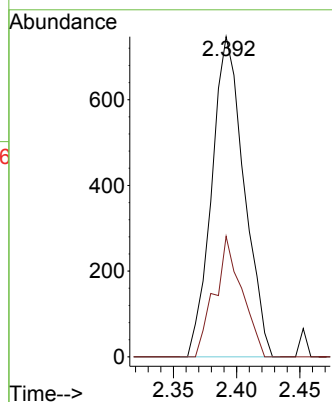
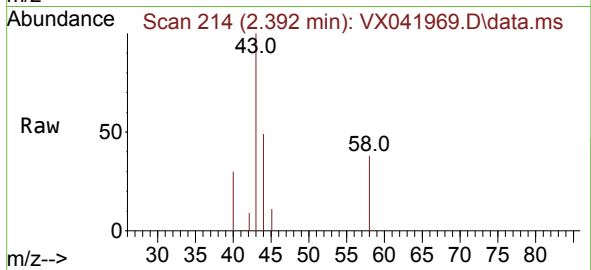




#16
Acetone
Concen: 1.713 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX041969.D
Acq: 21 Jun 2024 10:25

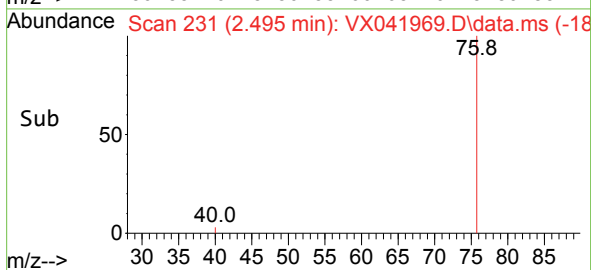
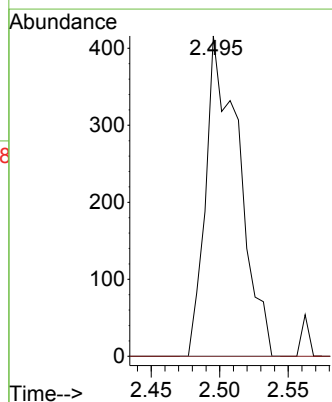
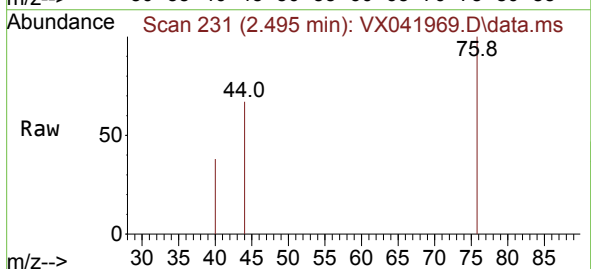
Instrument :
MSVOA_X
ClientSampleId :

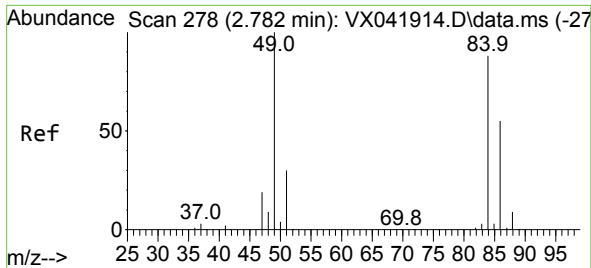
Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
58 37.6 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX041969.D
Acq: 21 Jun 2024 10:25

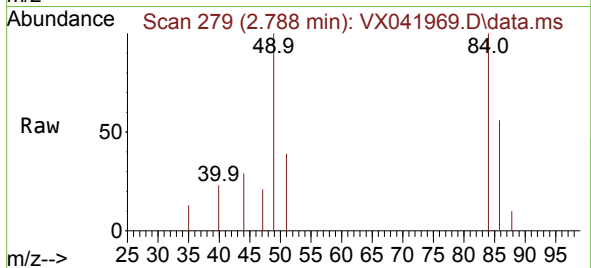
Tgt Ion: 76 Resp: 706
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



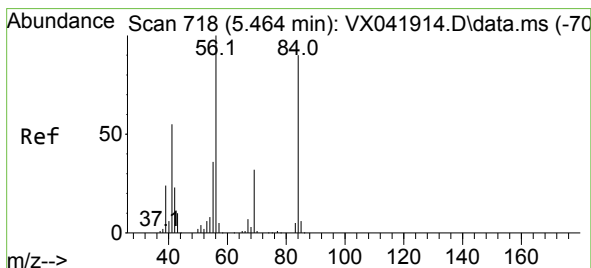
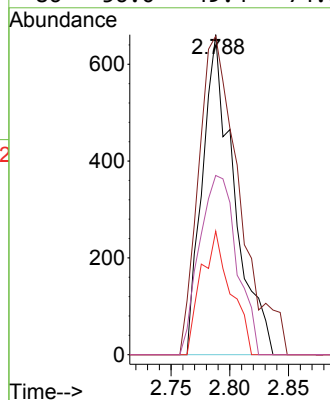
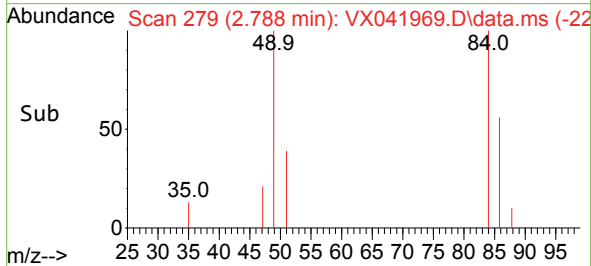


#20
Methylene Chloride
Concen: 0.730 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041969.D
Acq: 21 Jun 2024 10:25

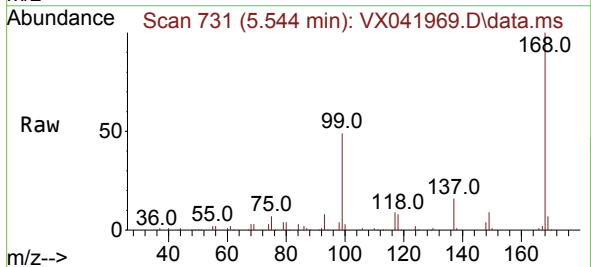
Instrument :
MSVOA_X
ClientSampleId :



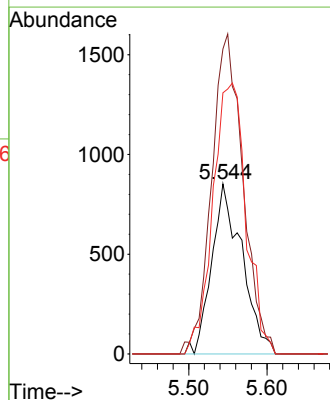
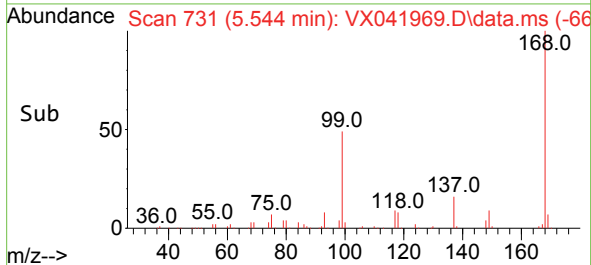
Tgt Ion:	84	Resp:	1239
Ion	Ratio	Lower	Upper
84	100		
49	99.5	103.6	155.4#
51	38.6	33.8	50.6
86	56.0	49.4	74.0

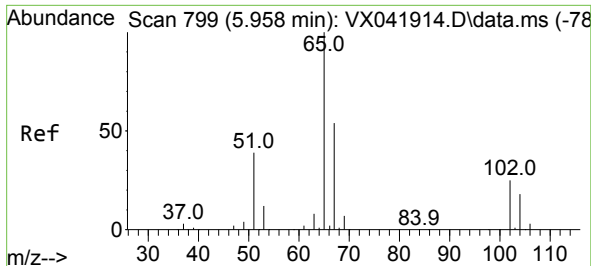


#31
Cyclohexane
Concen: 1.109 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041969.D
Acq: 21 Jun 2024 10:25



Tgt Ion:	56	Resp:	2291
Ion	Ratio	Lower	Upper
56	100		
69	179.2	23.4	35.2#
84	153.5	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.297 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX041969.D

Acq: 21 Jun 2024 10:25

Instrument :

MSVOA_X

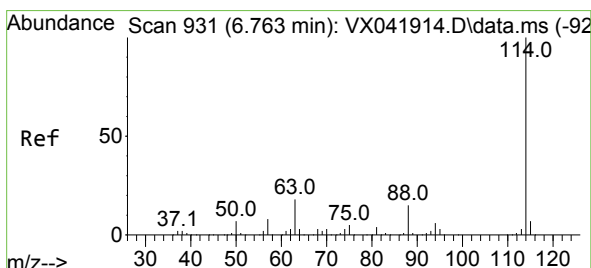
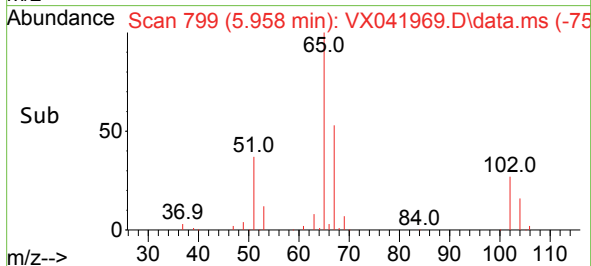
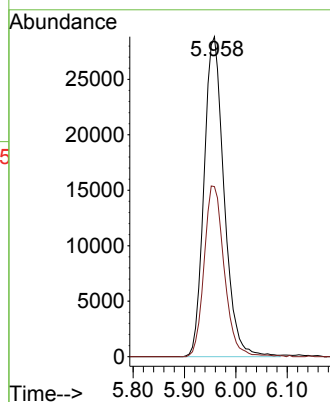
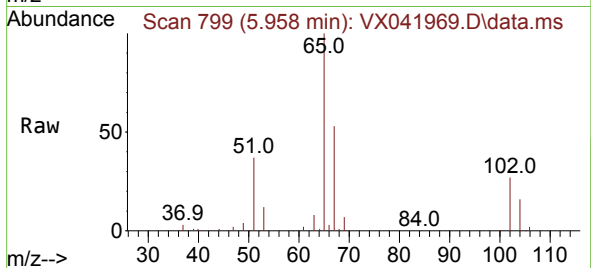
ClientSampleId :

Tgt Ion: 65 Resp: 78229

Ion Ratio Lower Upper

65 100

67 53.5 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: VX041969.D

Acq: 21 Jun 2024 10:25

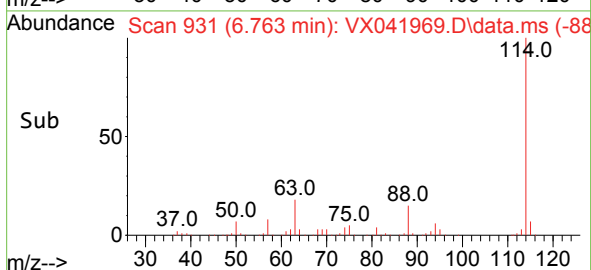
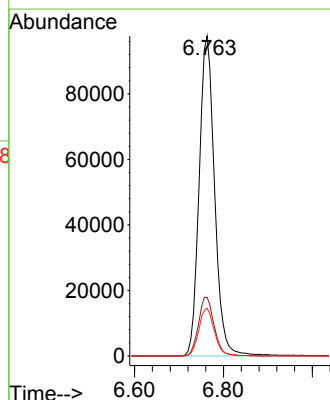
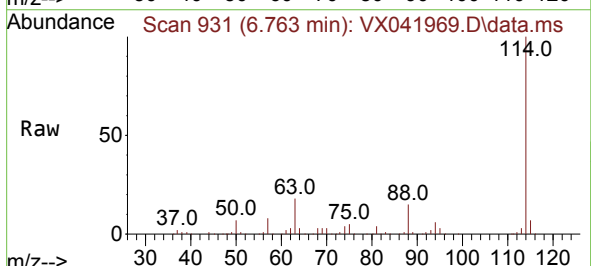
Tgt Ion: 114 Resp: 236552

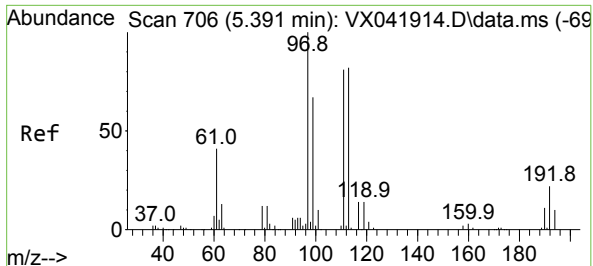
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

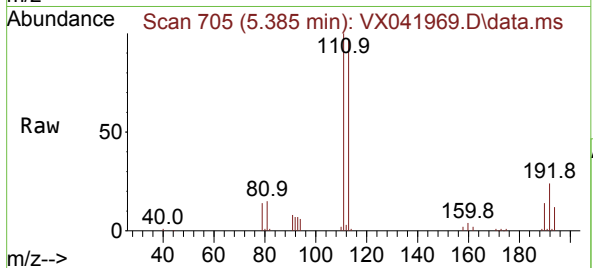
88 14.9 0.0 36.6



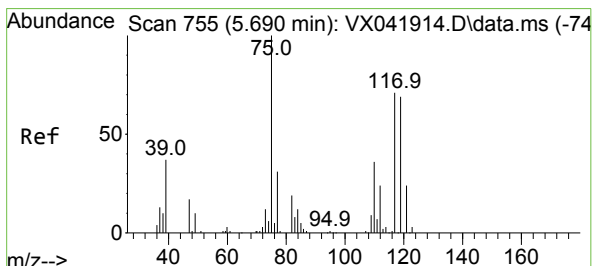
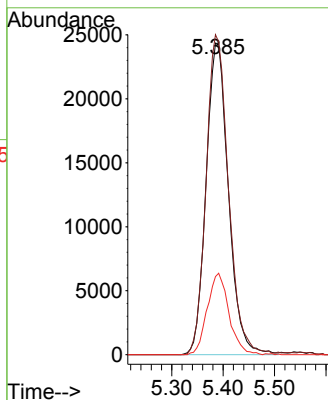
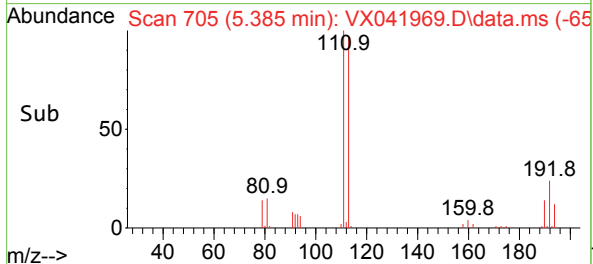


#35
Dibromofluoromethane
Concen: 43.845 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX041969.D
Acq: 21 Jun 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :

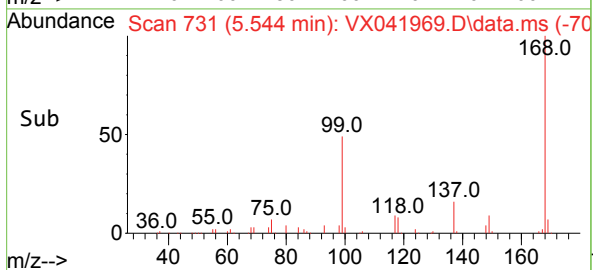
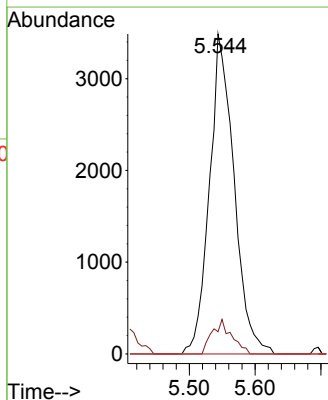
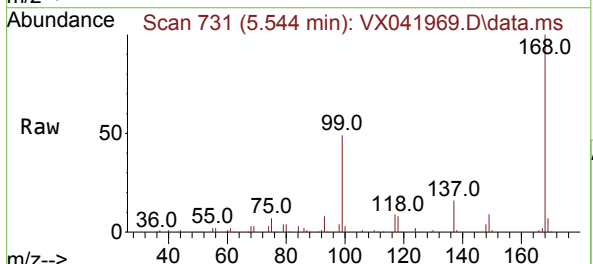


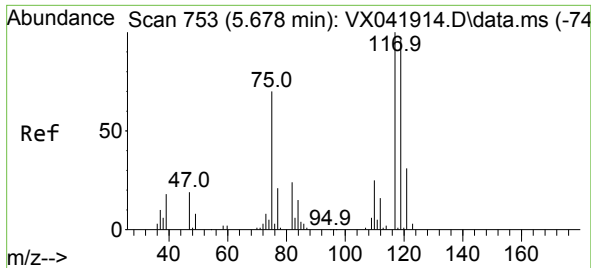
Tgt Ion:113 Resp: 73592
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 25.3 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.096 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041969.D
Acq: 21 Jun 2024 10:25

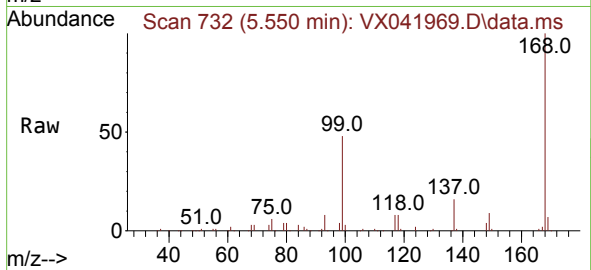
Tgt Ion: 75 Resp: 9083
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



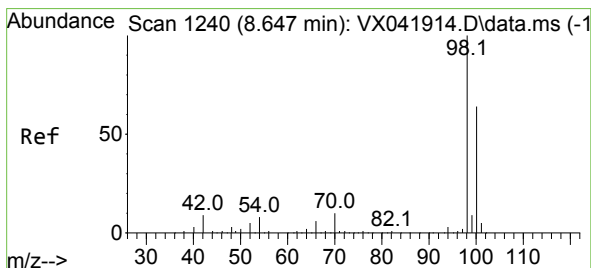
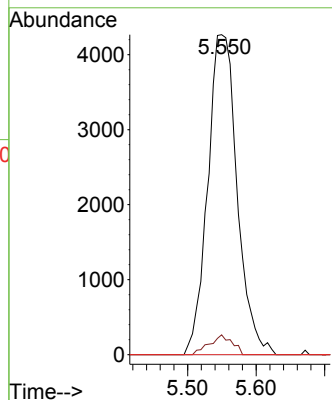
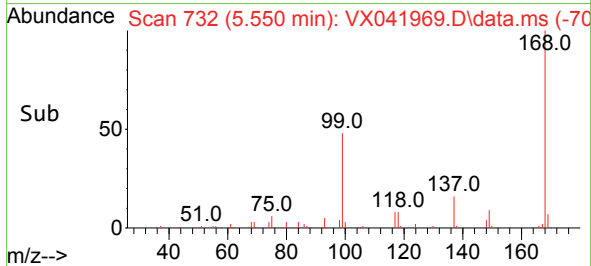


#38
Carbon Tetrachloride
Concen: 6.467 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041969.D
Acq: 21 Jun 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :

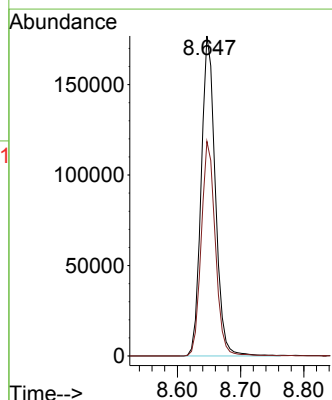
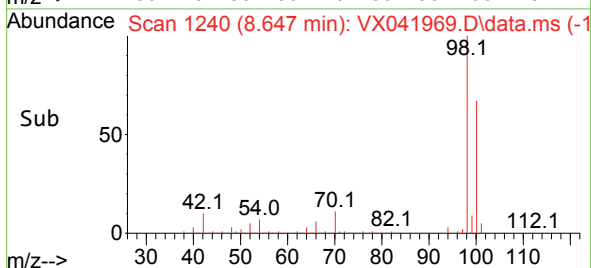
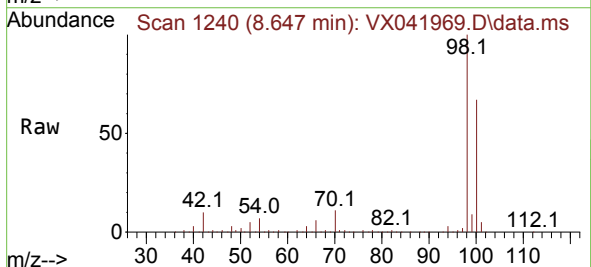


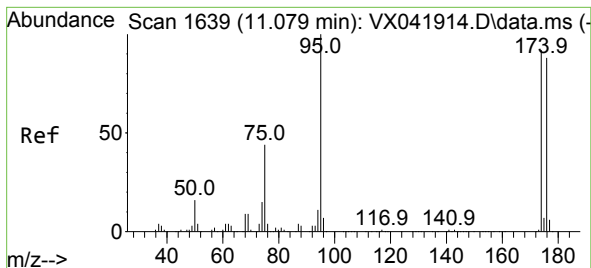
Tgt Ion:117 Resp: 12736
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.730 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041969.D
Acq: 21 Jun 2024 10:25

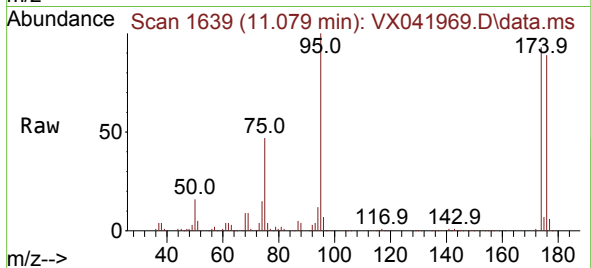
Tgt Ion: 98 Resp: 275543
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7



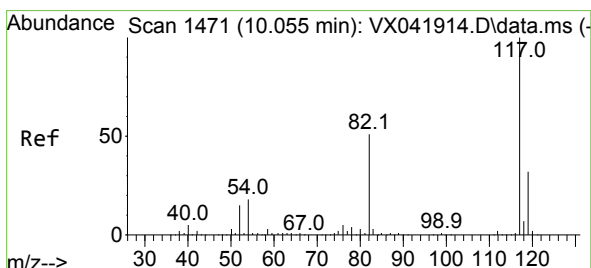
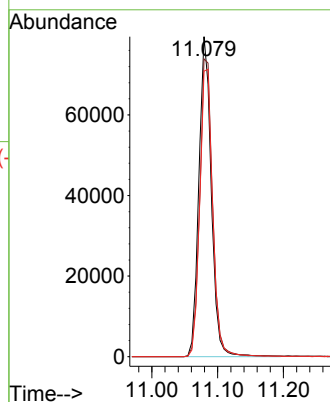
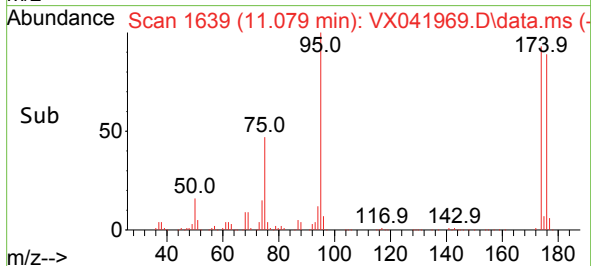


#62
4-Bromofluorobenzene
Concen: 47.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041969.D
Acq: 21 Jun 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :

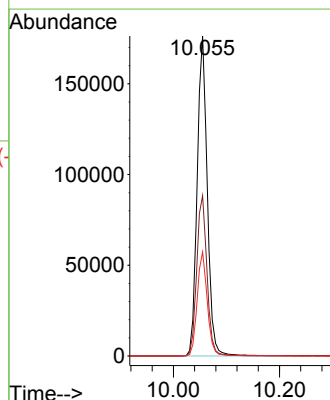
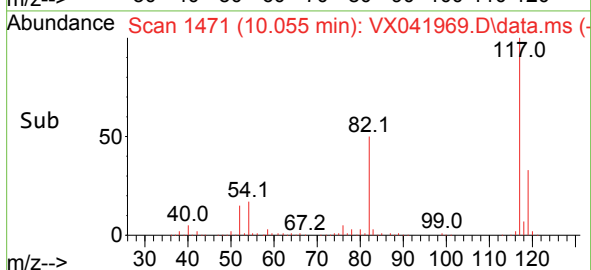
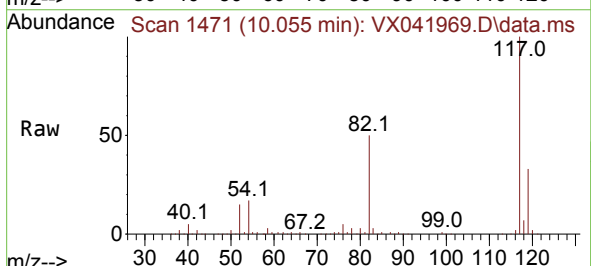


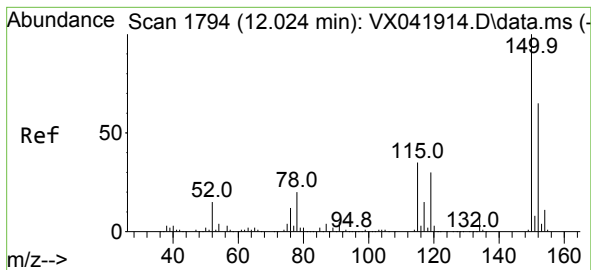
Tgt Ion: 95 Resp: 103652
Ion Ratio Lower Upper
95 100
174 97.3 0.0 135.6
176 94.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041969.D
Acq: 21 Jun 2024 10:25

Tgt Ion: 117 Resp: 234088
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041969.D

Acq: 21 Jun 2024 10:25

Instrument :

MSVOA_X

ClientSampleId :

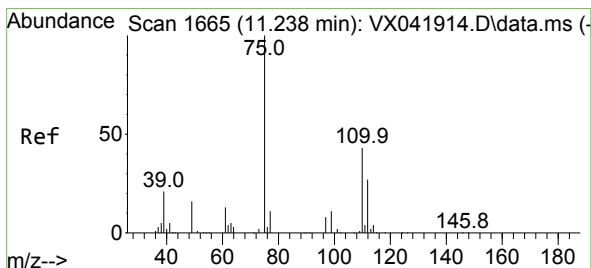
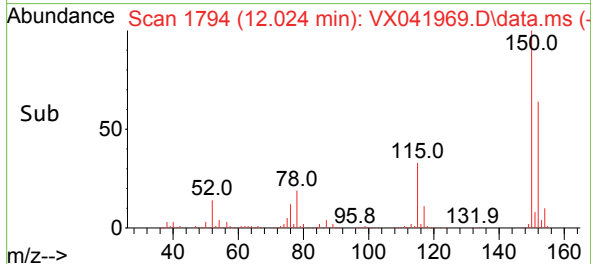
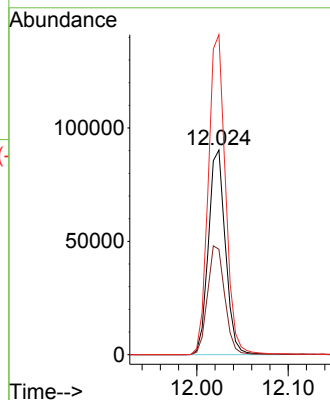
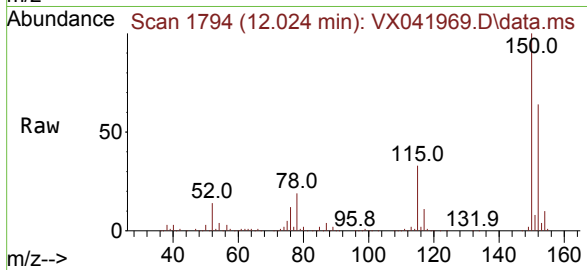
Tgt Ion:152 Resp: 116701

Ion Ratio Lower Upper

152 100

115 54.3 43.3 129.9

150 158.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.597 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041969.D

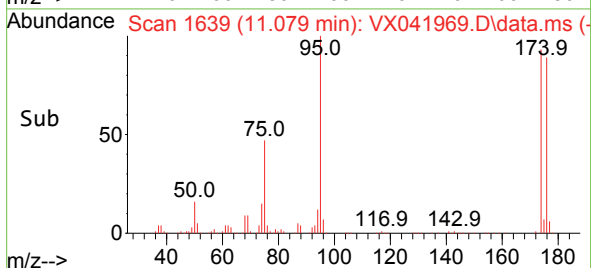
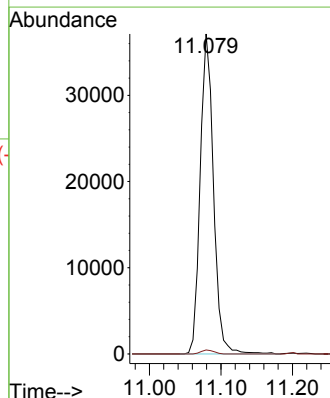
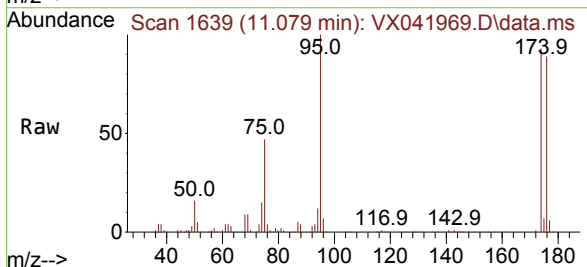
Acq: 21 Jun 2024 10:25

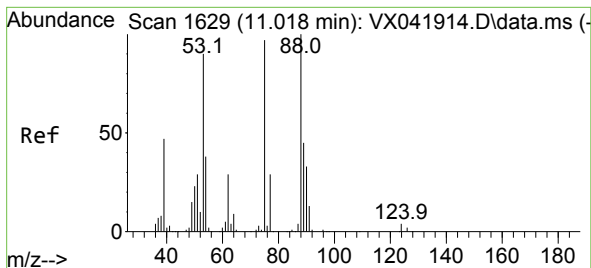
Tgt Ion: 75 Resp: 47873

Ion Ratio Lower Upper

75 100

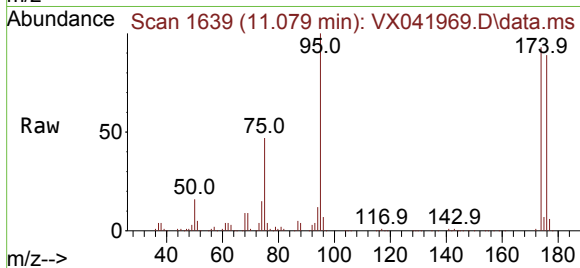
77 1.2 19.1 57.5#



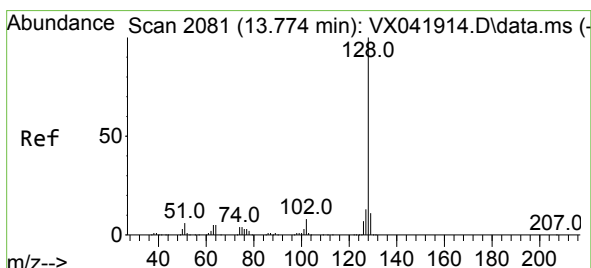
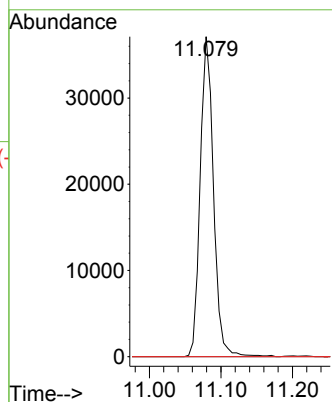
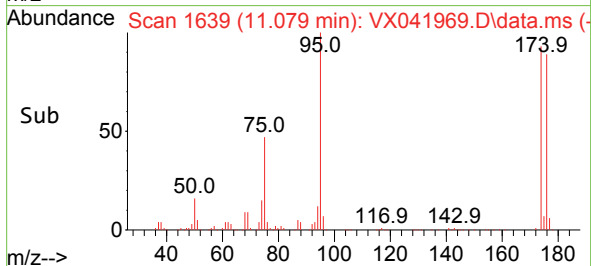


#81
trans-1,4-Dichloro-2-butene
Concen: 64.172 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041969.D
Acq: 21 Jun 2024 10:25

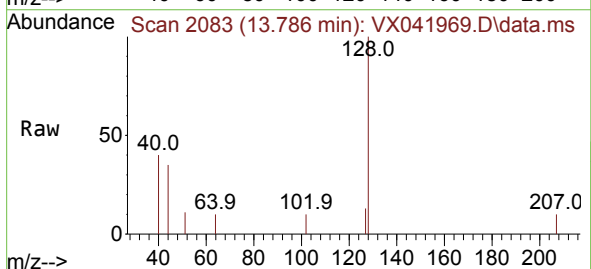
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 47873
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 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: VX041969.D
Acq: 21 Jun 2024 10:25



Tgt Ion: 128 Resp: 980
Ion Ratio Lower Upper
128 100
127 7.2 10.3 15.5#
129 1.9 8.8 13.2#

