

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041988.D
 Acq On : 21 Jun 2024 18:21
 Operator : JC/MD
 Sample : P3005-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 04:45:35 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)

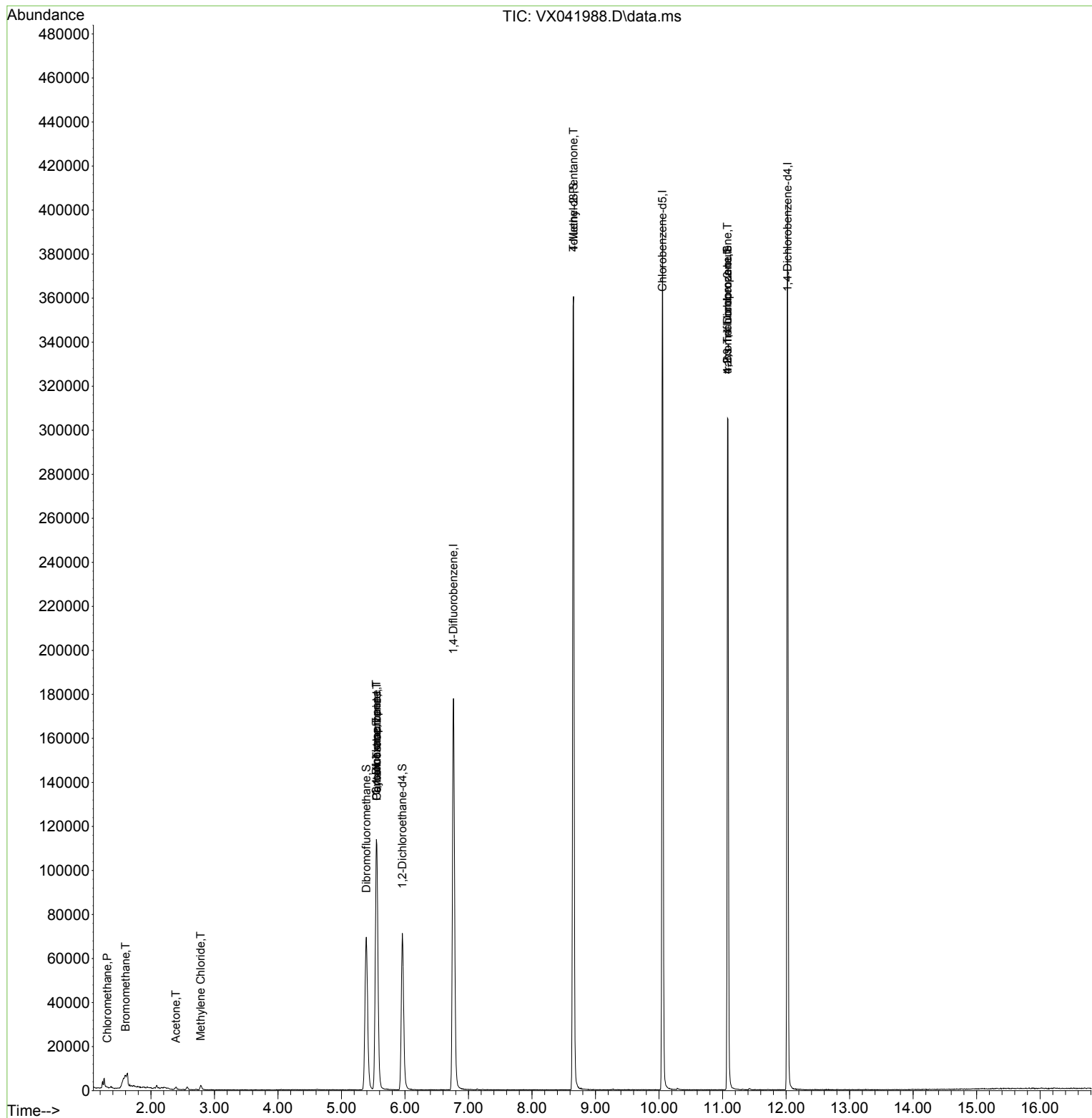
Internal Standards						
1) Pentafluorobenzene	5.556	168	127396	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	197452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67007	45.613	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.220%
35) Dibromofluoromethane	5.391	113	62035	44.278	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.560%
50) Toluene-d8	8.653	98	232588	47.256	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.520%
62) 4-Bromofluorobenzene	11.079	95	86534	47.695	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	324	0.266	ug/l #	43
5) Bromomethane	1.599	94	145	0.241	ug/l #	67
6) Chloroethane	1.593	64	146	Below Cal	#	43
16) Acetone	2.392	43	1206	1.870	ug/l	96
20) Methylene Chloride	2.782	84	1214	0.859	ug/l #	83
31) Cyclohexane	5.550	56	1745	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7371	4.954	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10719	6.521	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	842	0.411	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39408	22.844	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39408	64.876	ug/l #	5

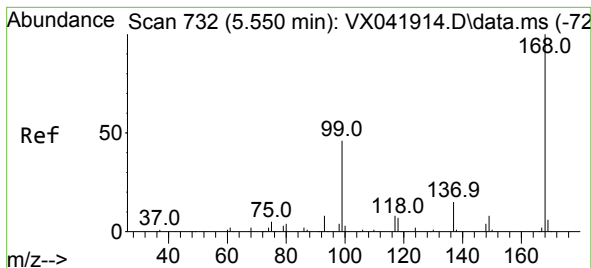
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
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Quant Time: Jun 22 04:45:35 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: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX041988.D

Acq: 21 Jun 2024 18:21

Instrument :

MSVOA_X

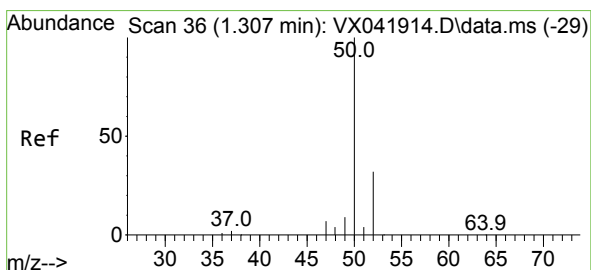
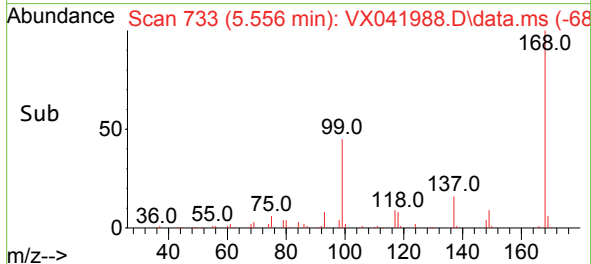
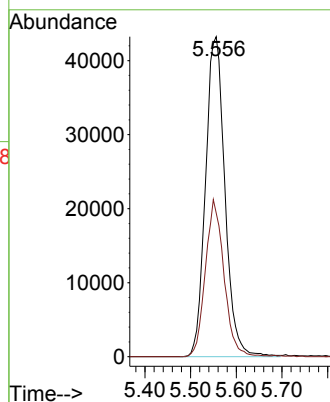
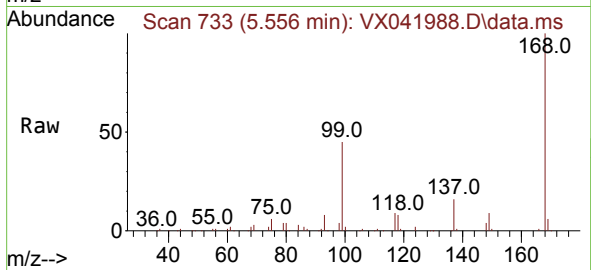
ClientSampleId :

Tgt Ion:168 Resp: 127396

Ion Ratio Lower Upper

168 100

99 44.9 56.6 85.0#



#3

Chloromethane

Concen: 0.266 ug/l

RT: 1.313 min Scan# 37

Delta R.T. 0.006 min

Lab File: VX041988.D

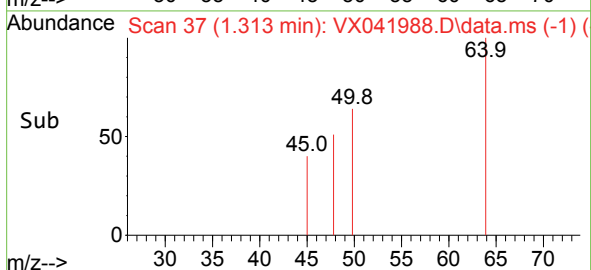
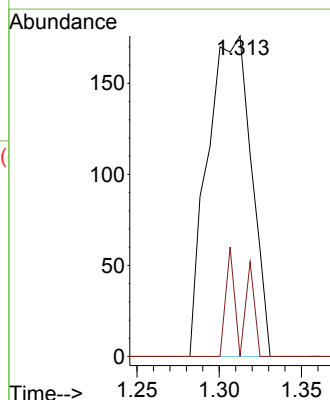
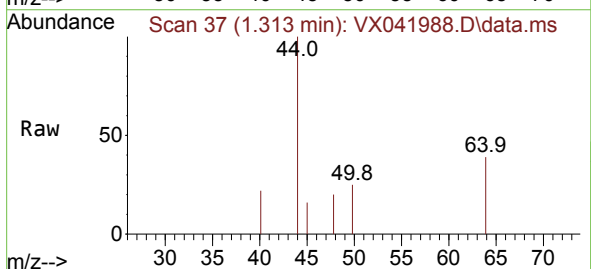
Acq: 21 Jun 2024 18:21

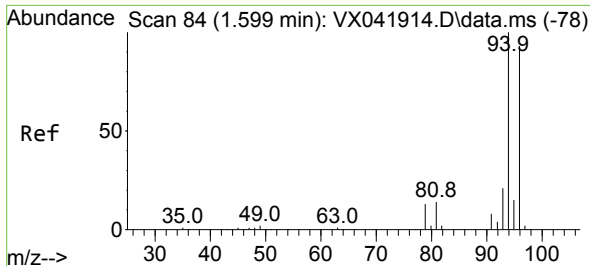
Tgt Ion: 50 Resp: 324

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

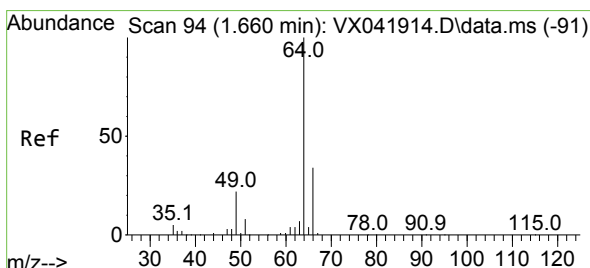
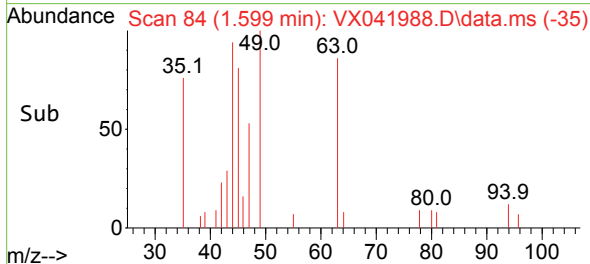
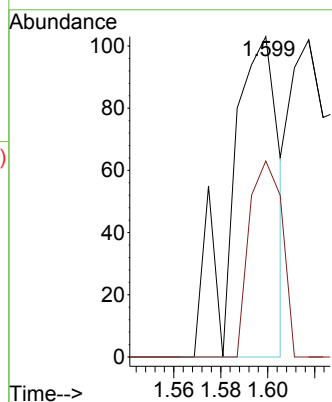
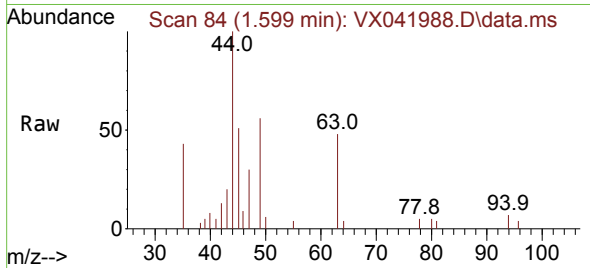




#5
Bromomethane
Concen: 0.241 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041988.D
Acq: 21 Jun 2024 18:21

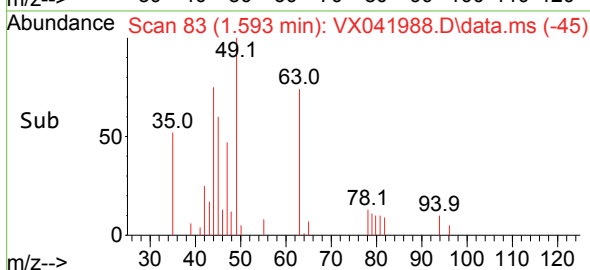
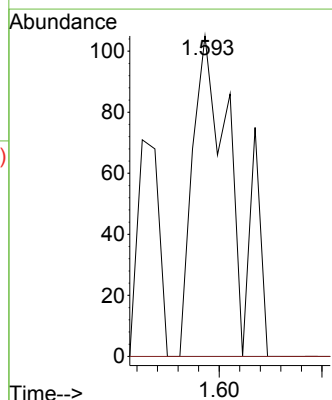
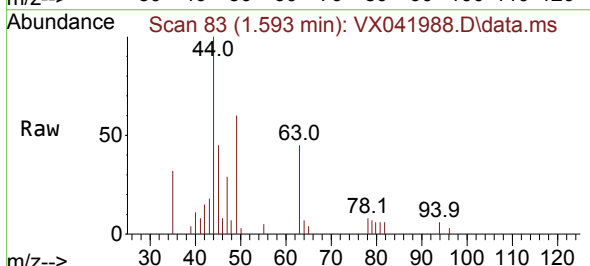
Instrument :
MSVOA_X
ClientSampleId :

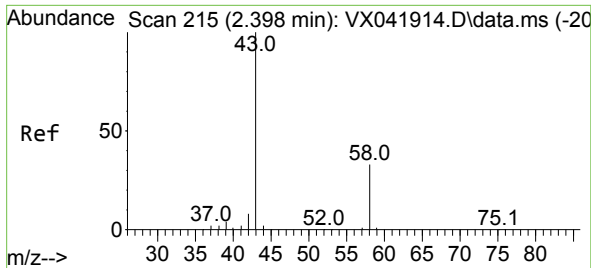
Tgt Ion: 94 Resp: 145
Ion Ratio Lower Upper
94 100
96 61.2 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.593 min Scan# 83
Delta R.T. -0.067 min
Lab File: VX041988.D
Acq: 21 Jun 2024 18:21

Tgt Ion: 64 Resp: 146
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

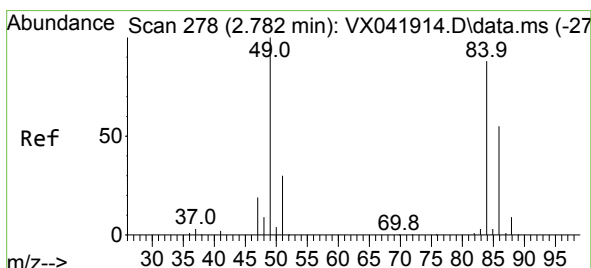
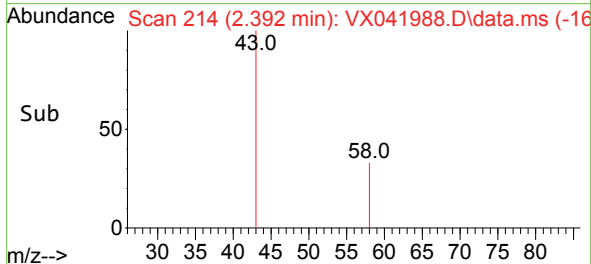
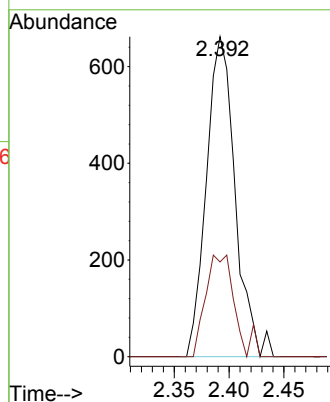
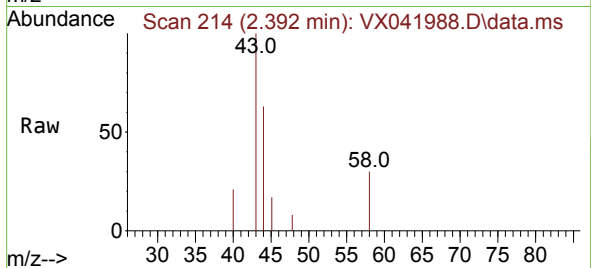




#16
Acetone
Concen: 1.870 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX041988.D
Acq: 21 Jun 2024 18:21

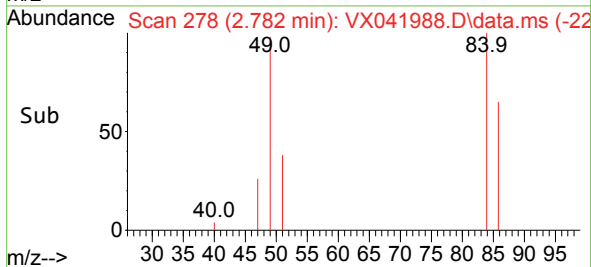
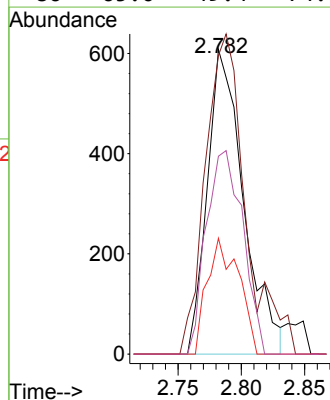
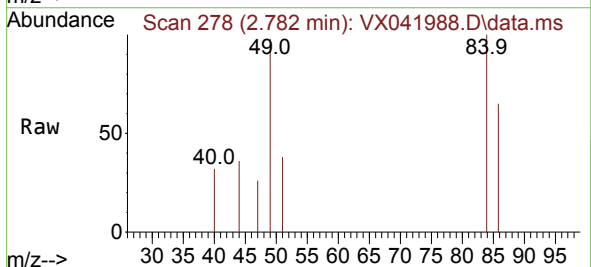
Instrument :
MSVOA_X
ClientSampleId :

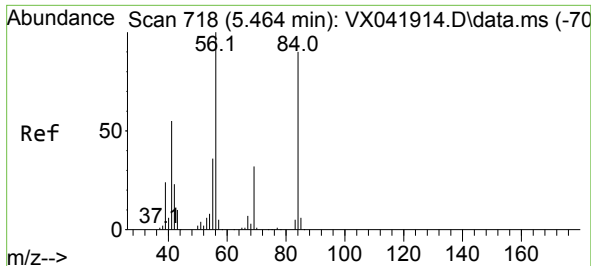
Tgt Ion: 43 Resp: 1206
Ion Ratio Lower Upper
43 100
58 29.6 21.9 32.9



#20
Methylene Chloride
Concen: 0.859 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX041988.D
Acq: 21 Jun 2024 18:21

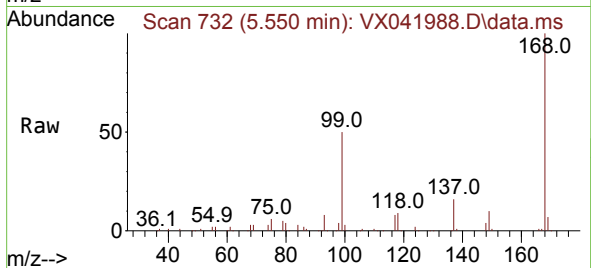
Tgt Ion: 84 Resp: 1214
Ion Ratio Lower Upper
84 100
49 98.0 103.6 155.4#
51 38.0 33.8 50.6
86 65.0 49.4 74.0



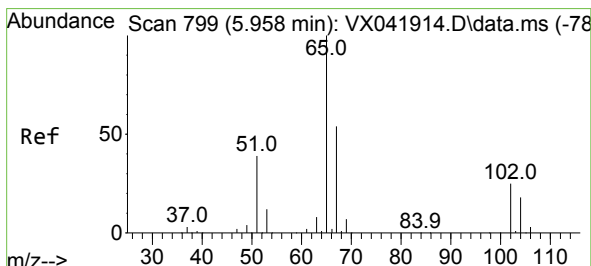
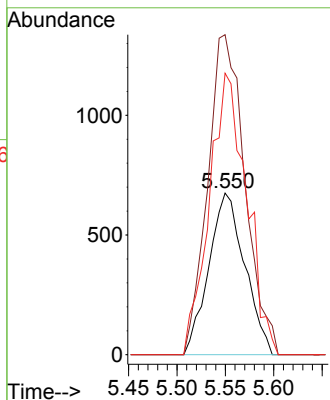
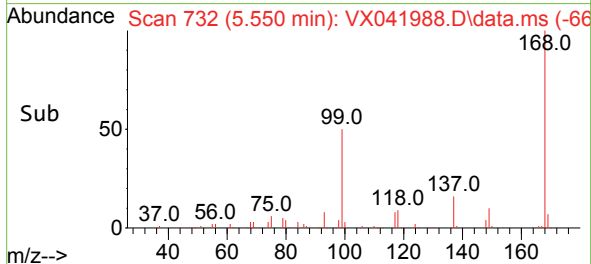


#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041988.D
Acq: 21 Jun 2024 18:21

Instrument :
MSVOA_X
ClientSampleId :

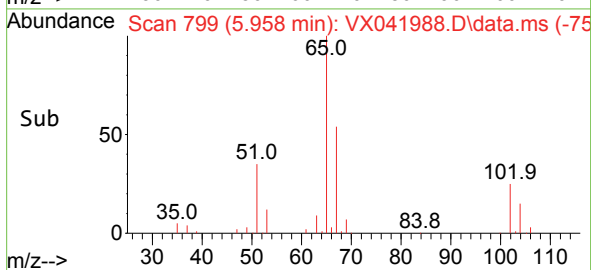
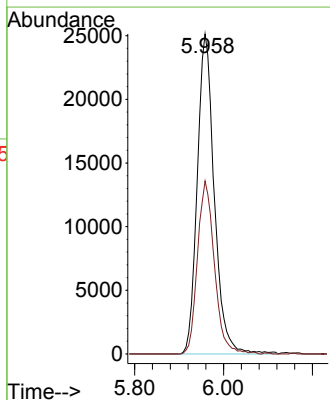
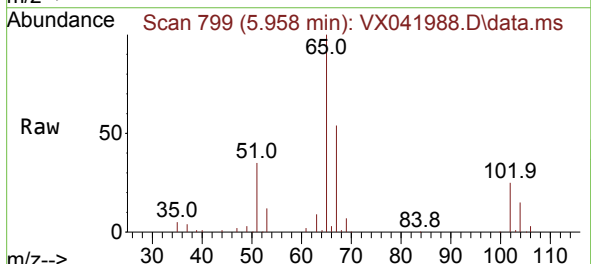


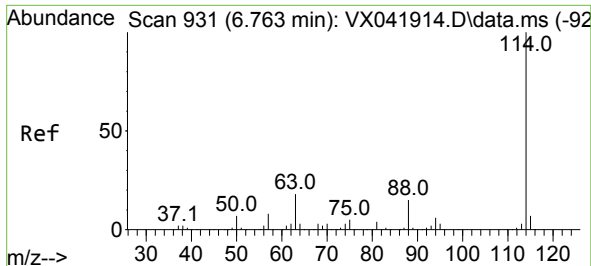
Tgt Ion: 56 Resp: 1745
Ion Ratio Lower Upper
56 100
69 198.1 23.4 35.2#
84 174.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.613 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX041988.D
Acq: 21 Jun 2024 18:21

Tgt Ion: 65 Resp: 67007
Ion Ratio Lower Upper
65 100
67 53.6 0.0 100.2

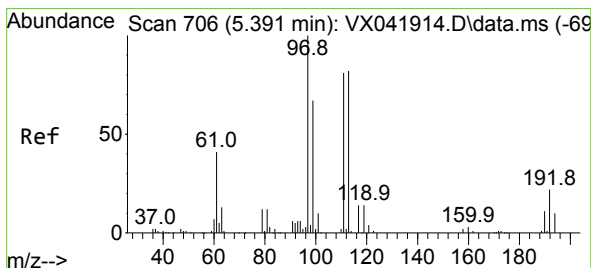
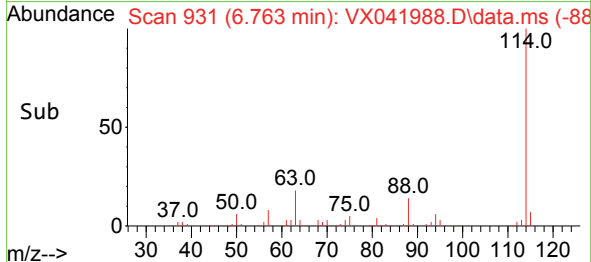
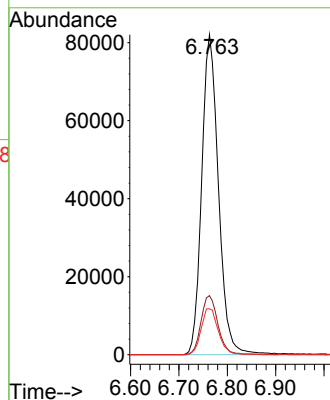
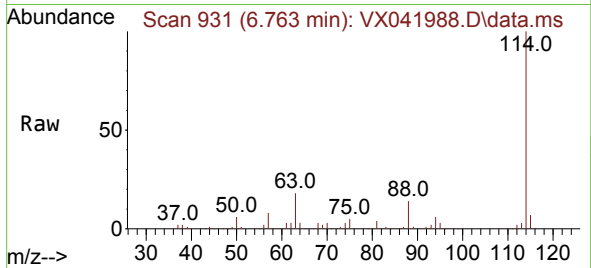




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX041988.D
 Acq: 21 Jun 2024 18:21

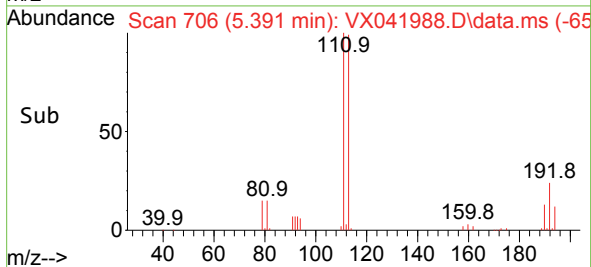
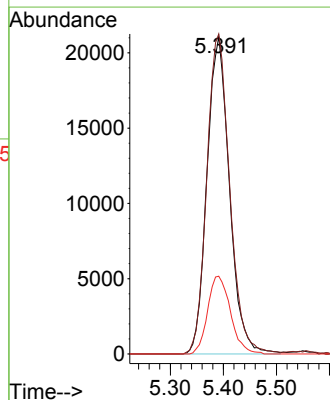
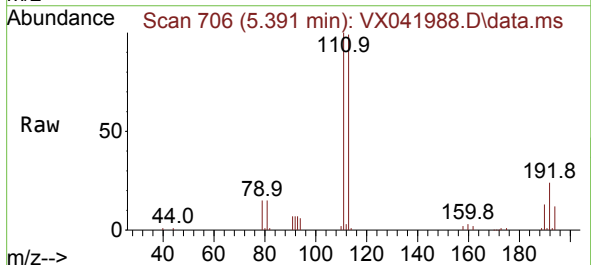
Instrument :
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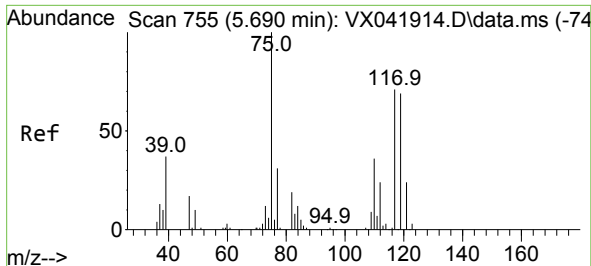
Tgt Ion:114 Resp: 197452
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 45.0
 88 14.4 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 44.278 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX041988.D
 Acq: 21 Jun 2024 18:21

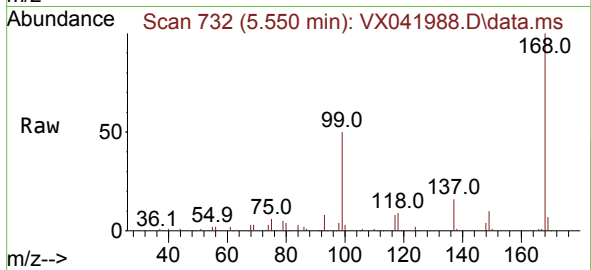
Tgt Ion:113 Resp: 62035
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 24.9 13.3 19.9#



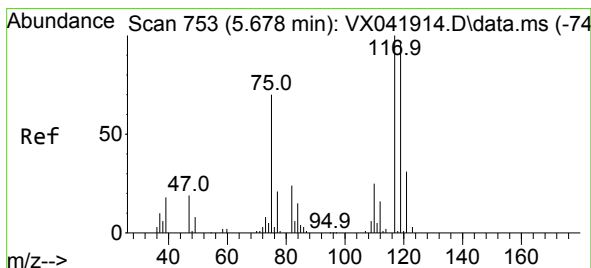
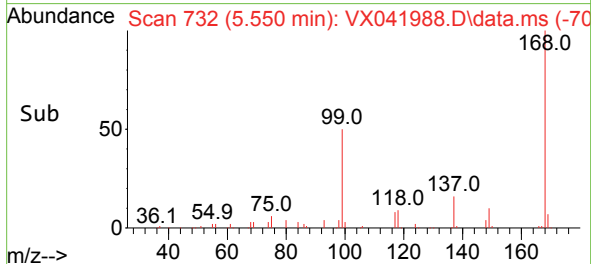
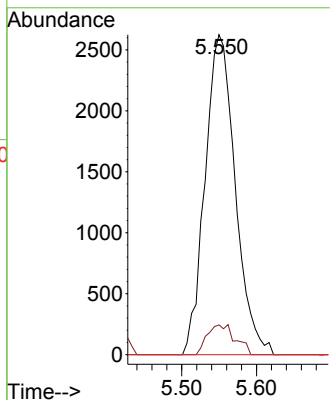


#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041988.D
Acq: 21 Jun 2024 18:21

Instrument :
MSVOA_X
ClientSampleId :

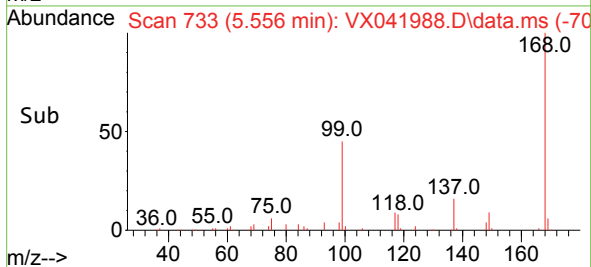
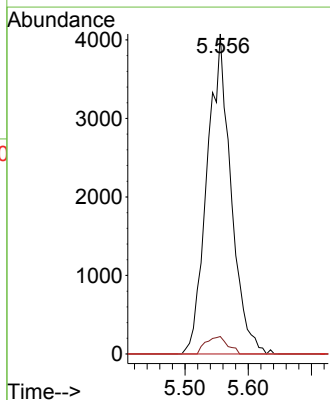
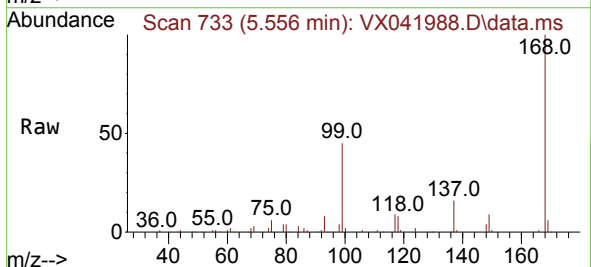


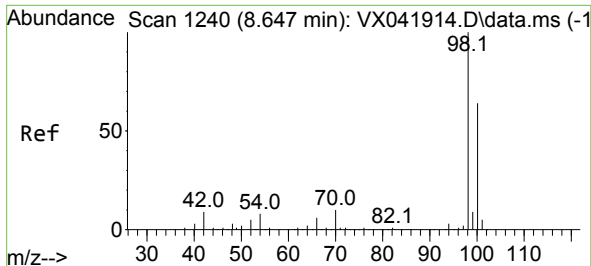
Tgt Ion: 75 Resp: 7371
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.521 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX041988.D
Acq: 21 Jun 2024 18:21

Tgt Ion: 117 Resp: 10719
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

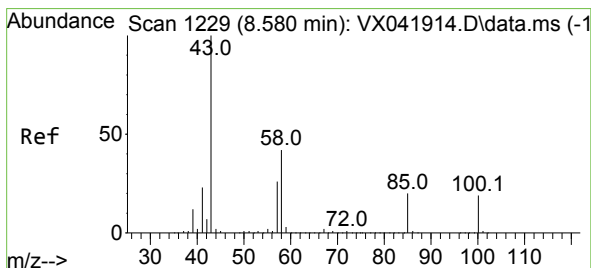
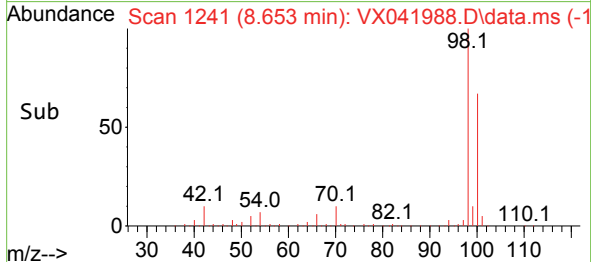
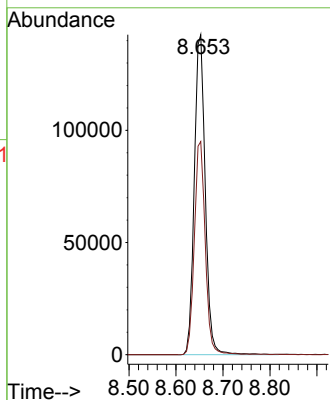
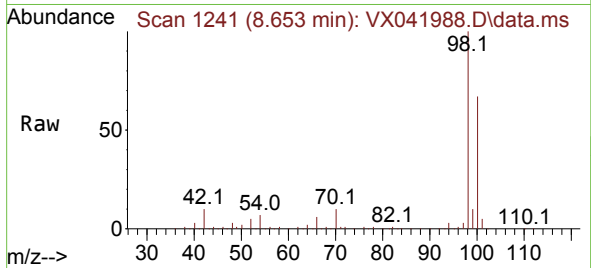




#50
Toluene-d8
Concen: 47.256 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX041988.D
Acq: 21 Jun 2024 18:21

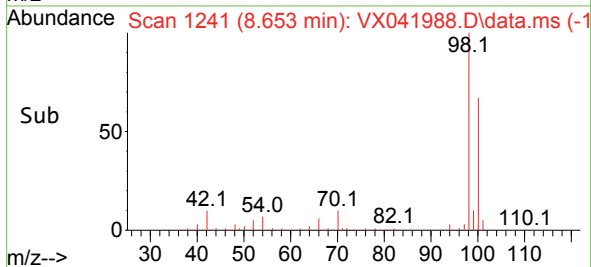
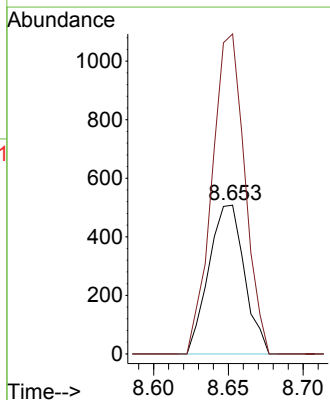
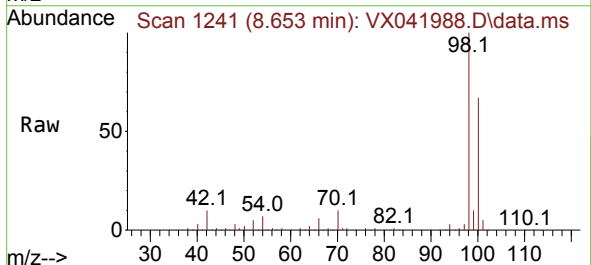
Instrument :
MSVOA_X
ClientSampleId :

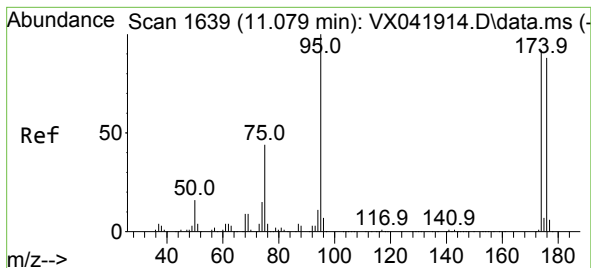
Tgt Ion: 98 Resp: 232588
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.411 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX041988.D
Acq: 21 Jun 2024 18:21

Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
58 198.1 30.4 45.6#

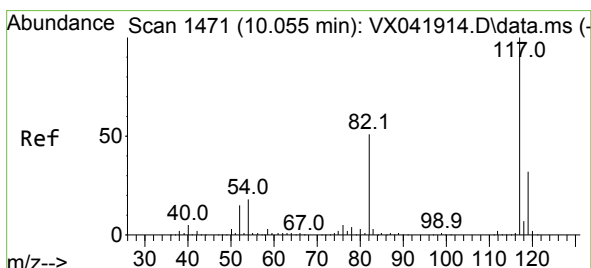
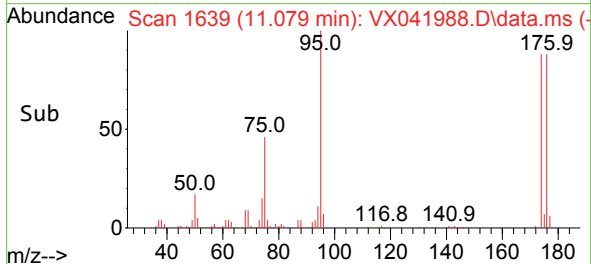
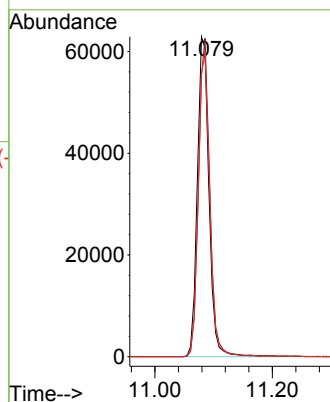
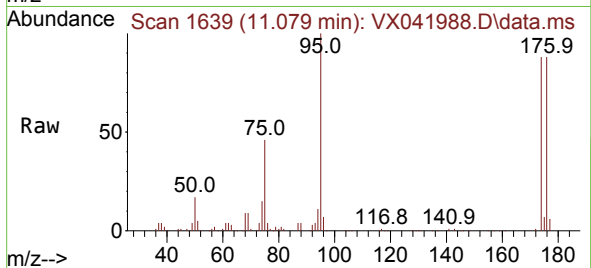




#62
4-Bromofluorobenzene
Concen: 47.695 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041988.D
Acq: 21 Jun 2024 18:21

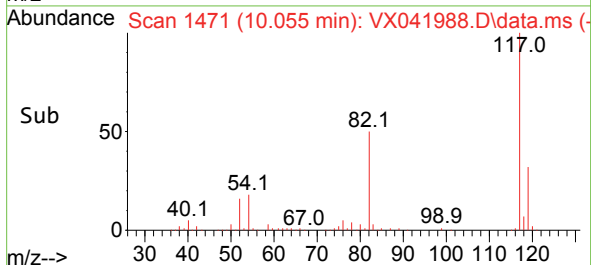
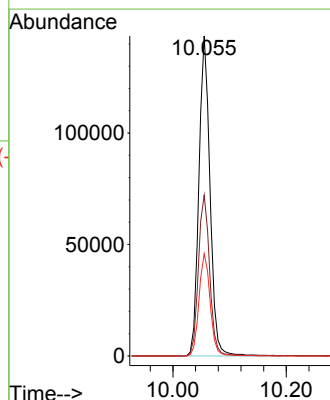
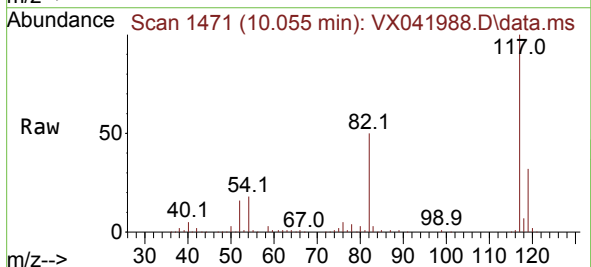
Instrument :
MSVOA_X
ClientSampleId :

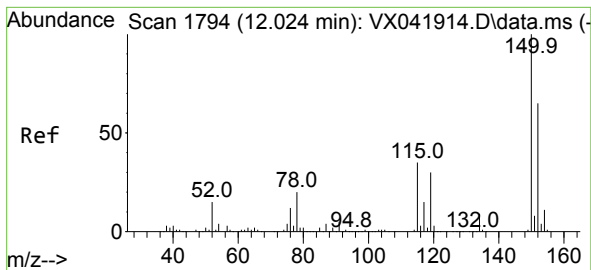
Tgt Ion: 95 Resp: 86534
Ion Ratio Lower Upper
95 100
174 96.8 0.0 135.6
176 93.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041988.D
Acq: 21 Jun 2024 18:21

Tgt Ion: 117 Resp: 194898
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041988.D

Acq: 21 Jun 2024 18:21

Instrument :

MSVOA_X

ClientSampleId :

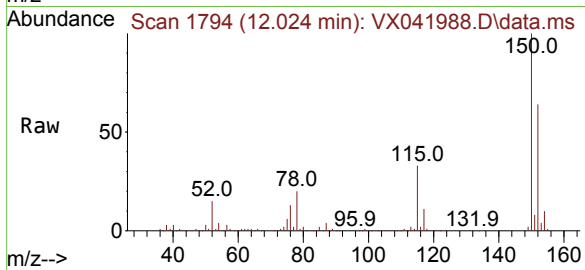
Tgt Ion:152 Resp: 95024

Ion Ratio Lower Upper

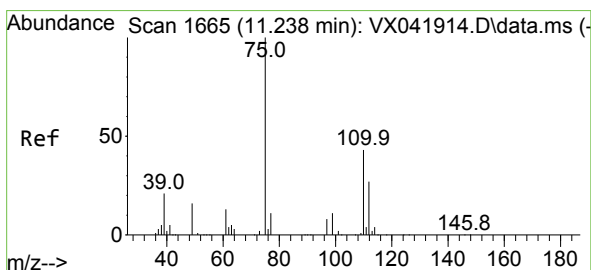
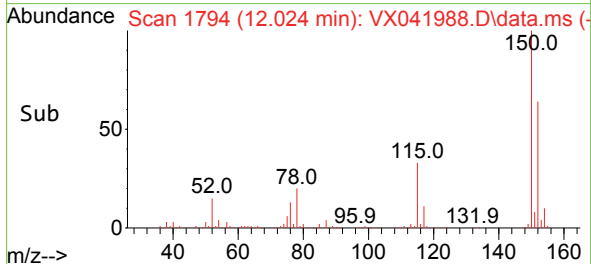
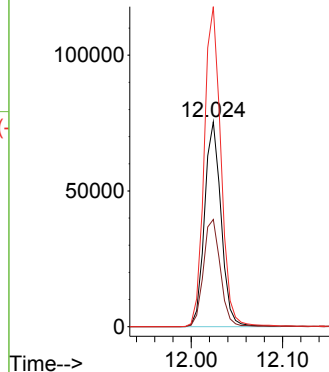
152 100

115 53.9 43.3 129.9

150 158.6 0.0 345.0



Abundance



#76

1,2,3-Trichloropropane

Concen: 22.844 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041988.D

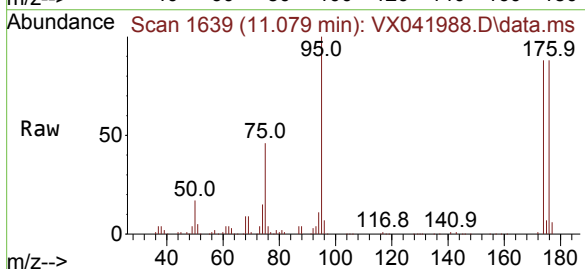
Acq: 21 Jun 2024 18:21

Tgt Ion: 75 Resp: 39408

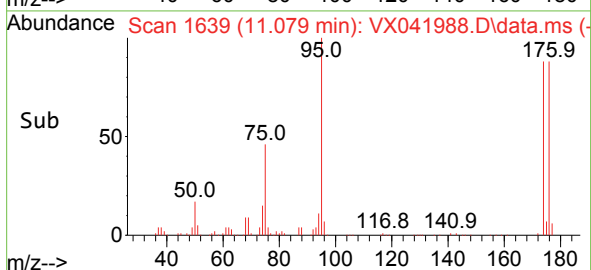
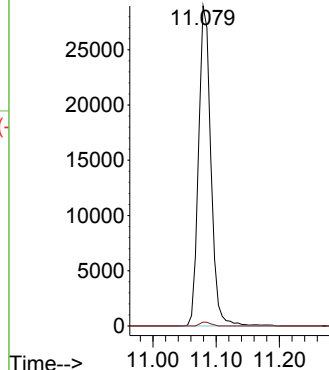
Ion Ratio Lower Upper

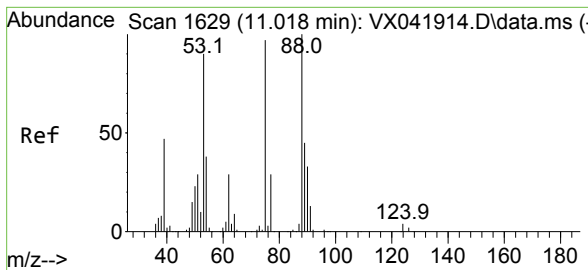
75 100

77 1.1 19.1 57.5#



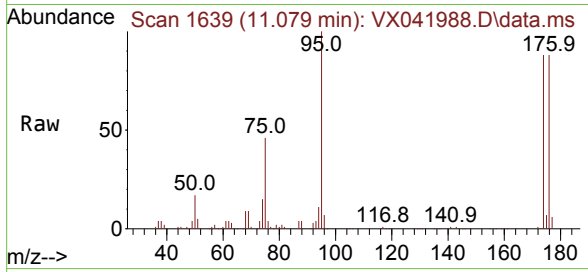
Abundance





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.876 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041988.D
 Acq: 21 Jun 2024 18:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 39408
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

