

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041814.D
 Acq On : 10 Jun 2024 16:41
 Operator : JC/MD
 Sample : P2760-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 03:51:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

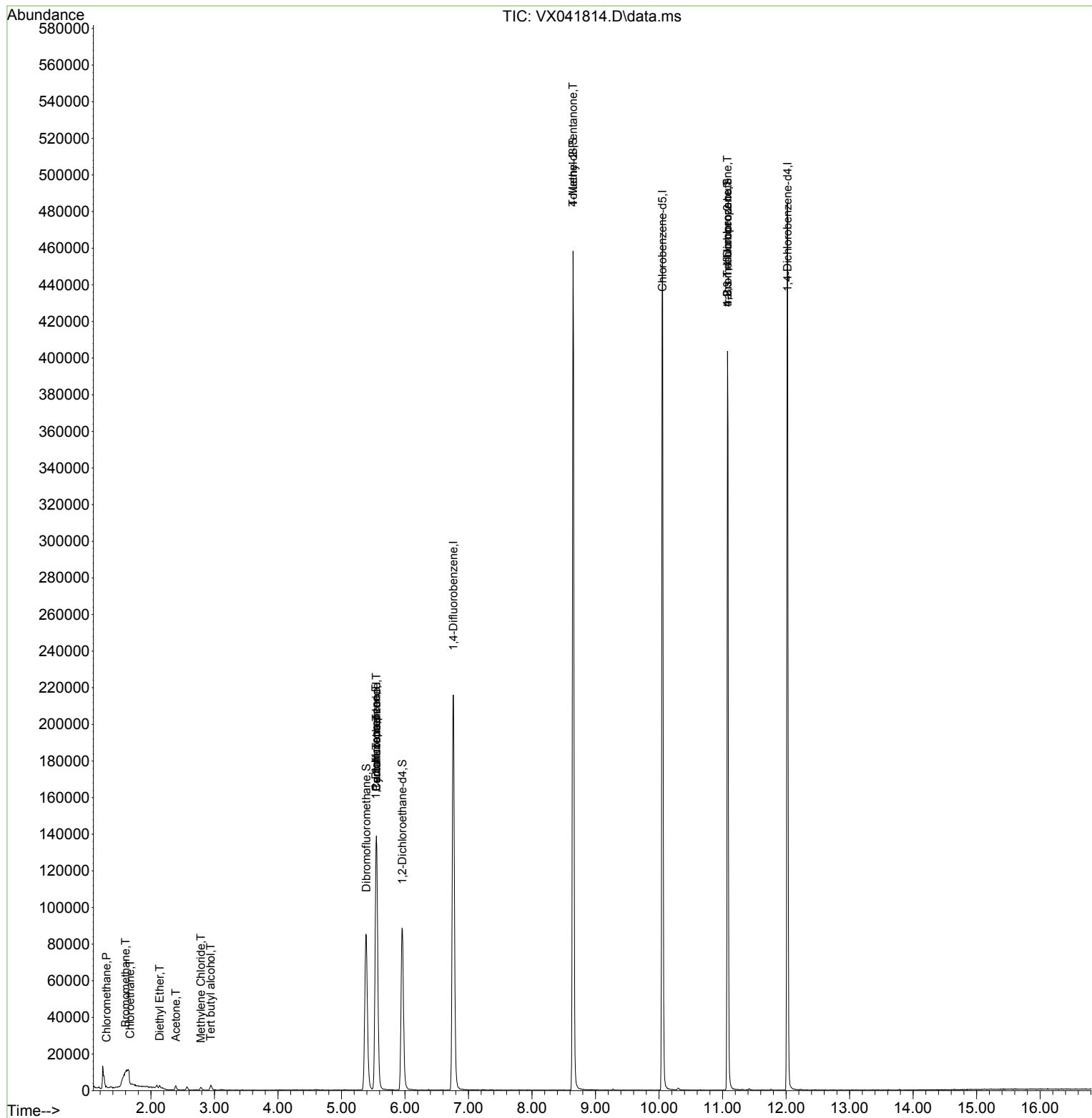
Internal Standards						
1) Pentafluorobenzene	5.550	168	146851	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	230796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89306	49.585	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.160%
35) Dibromofluoromethane	5.391	113	74687	46.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	8.647	98	275534	49.418	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.840%
62) 4-Bromofluorobenzene	11.079	95	101024	49.092	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.180%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	457	0.325	ug/l	91
5) Bromomethane	1.599	94	391	0.387	ug/l	94
6) Chloroethane	1.672	64	325	0.371	ug/l #	43
8) Diethyl Ether	2.136	74	241	0.264	ug/l #	1
11) Tert butyl alcohol	2.940	59	1870	5.869	ug/l #	78
16) Acetone	2.392	43	2664	0.681	ug/l	97
20) Methylene Chloride	2.788	84	832	0.516	ug/l #	84
31) Cyclohexane	5.550	56	2881	1.355	ug/l #	15
36) 1,1-Dichloropropene	5.544	75	9834	5.090	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13048	5.944	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1207	0.506	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51299	26.153	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51299	71.280	ug/l #	5

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

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Sample : P2760-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 11 03:51:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

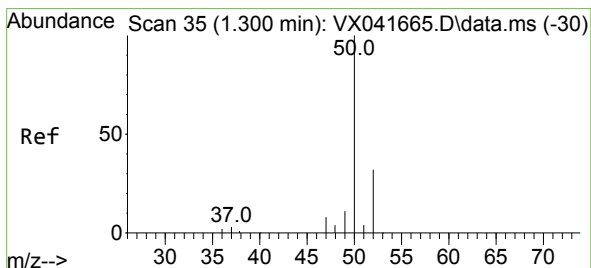
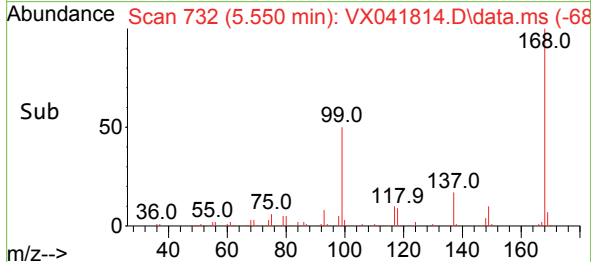
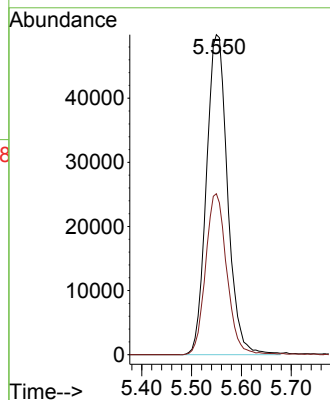
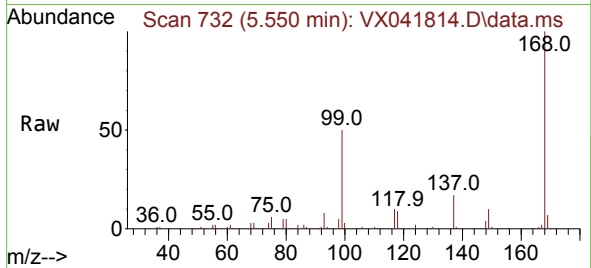




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

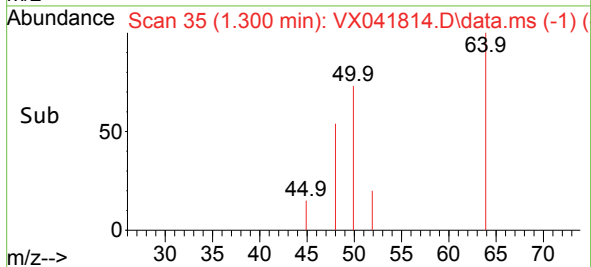
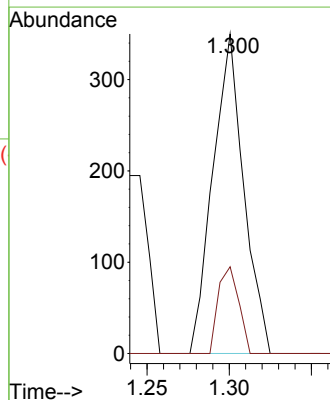
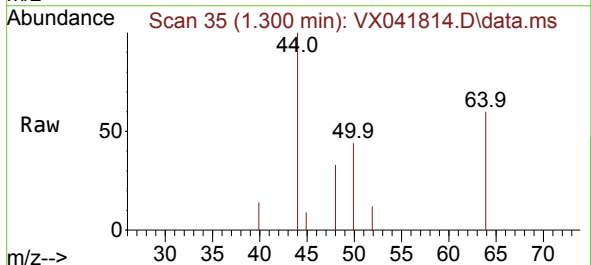
Instrument :
MSVOA_X
ClientSampleId :

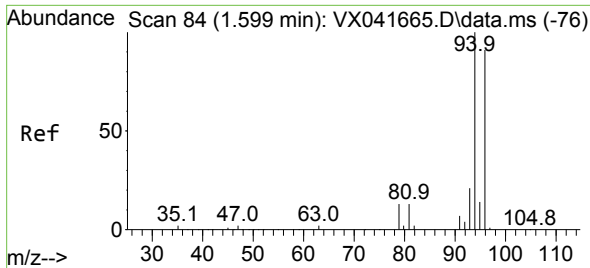
Tgt Ion:168 Resp: 146851
Ion Ratio Lower Upper
168 100
99 50.3 56.6 85.0#



#3
Chloromethane
Concen: 0.325 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

Tgt Ion: 50 Resp: 457
Ion Ratio Lower Upper
50 100
52 27.1 25.5 38.3

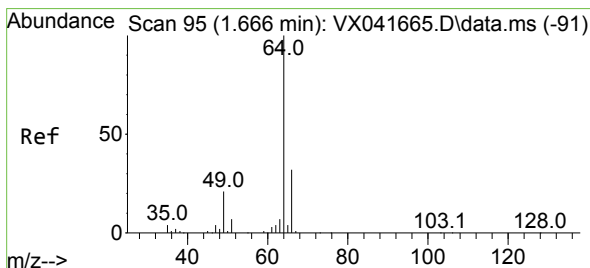
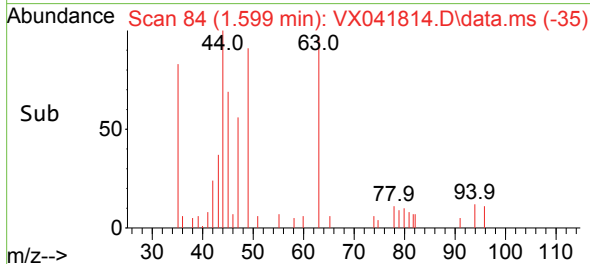
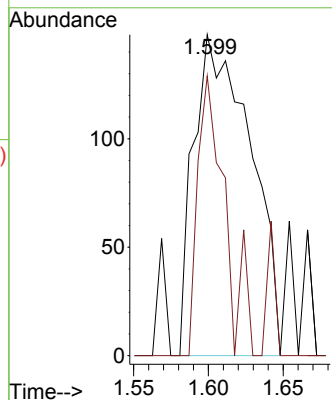
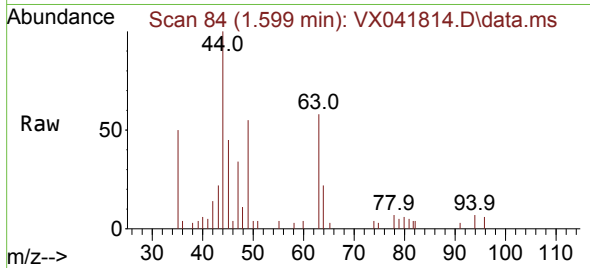




#5
Bromomethane
Concen: 0.387 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

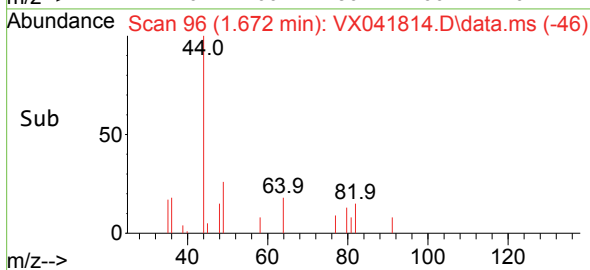
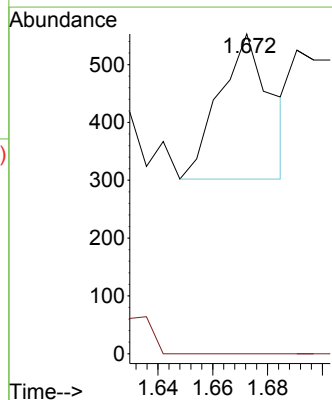
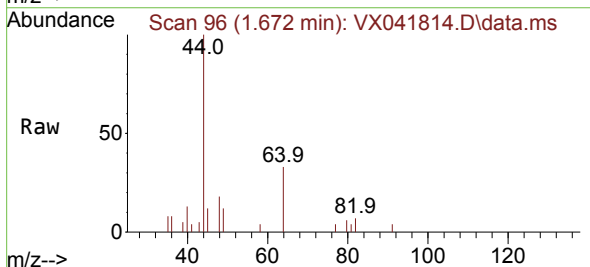
Instrument :
MSVOA_X
ClientSampleId :

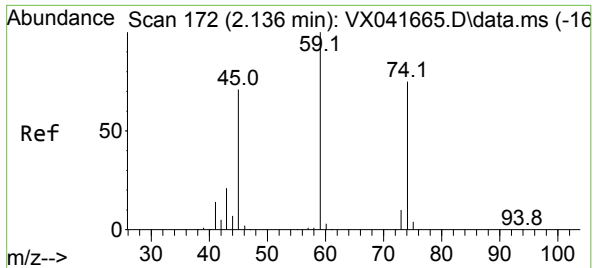
Tgt Ion: 94 Resp: 391
Ion Ratio Lower Upper
94 100
96 87.2 74.6 111.8



#6
Chloroethane
Concen: 0.371 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

Tgt Ion: 64 Resp: 325
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

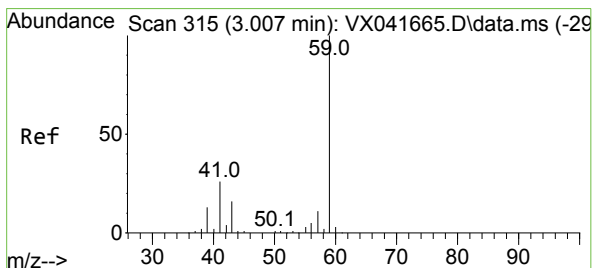
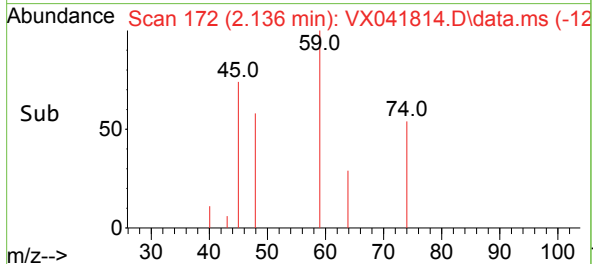
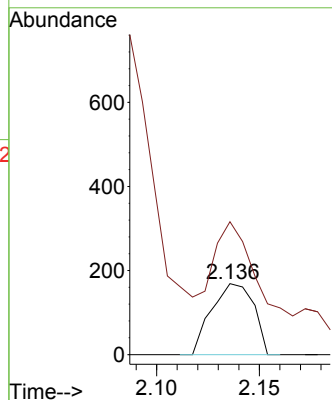
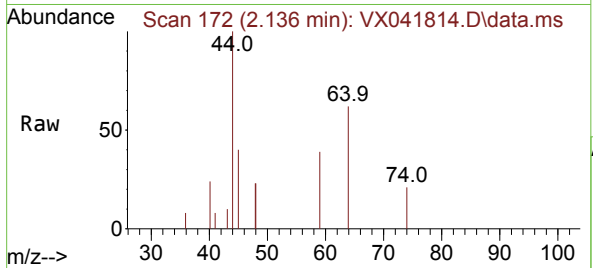




#8
Diethyl Ether
Concen: 0.264 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

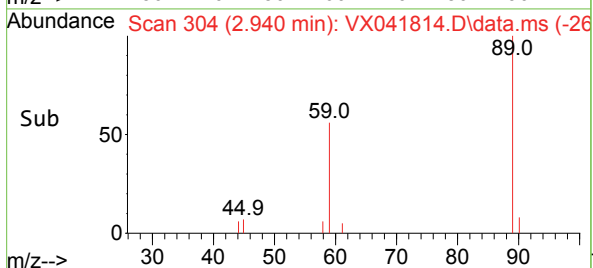
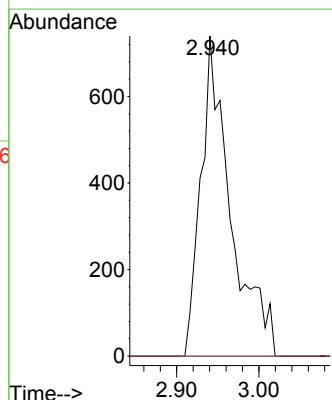
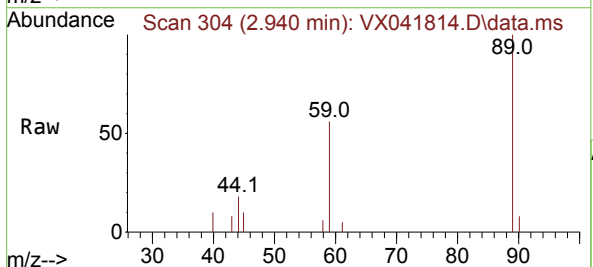
Instrument :
MSVOA_X
ClientSampleId :

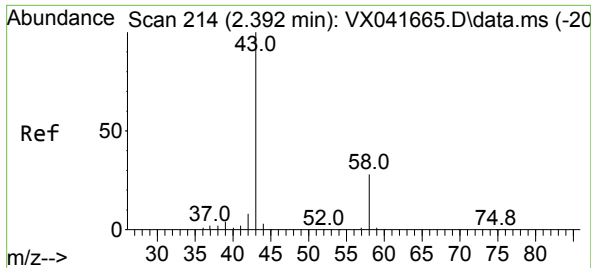
Tgt Ion: 74 Resp: 241
Ion Ratio Lower Upper
74 100
45 270.1 53.3 159.8#



#11
Tert butyl alcohol
Concen: 5.869 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

Tgt Ion: 59 Resp: 1870
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 0.681 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041814.D

Acq: 10 Jun 2024 16:41

Instrument :

MSVOA_X

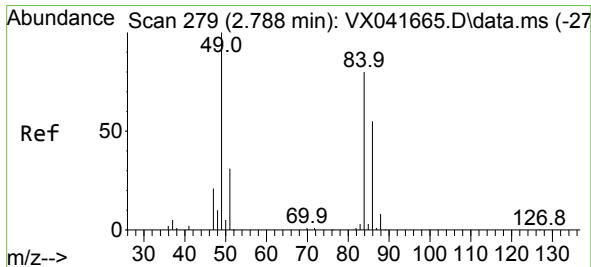
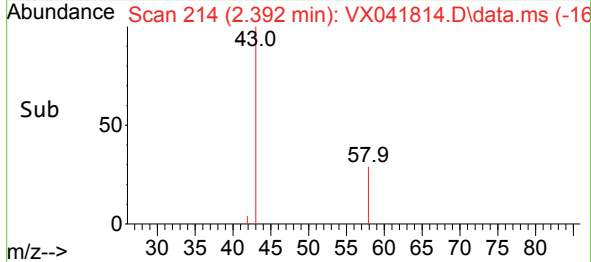
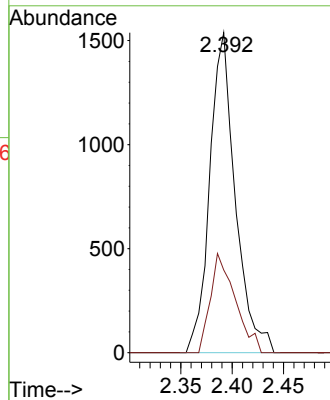
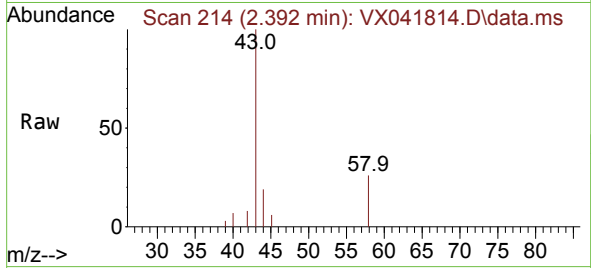
ClientSampleId :

Tgt Ion: 43 Resp: 2664

Ion Ratio Lower Upper

43 100

58 25.9 21.9 32.9



#20

Methylene Chloride

Concen: 0.516 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041814.D

Acq: 10 Jun 2024 16:41

Tgt Ion: 84 Resp: 832

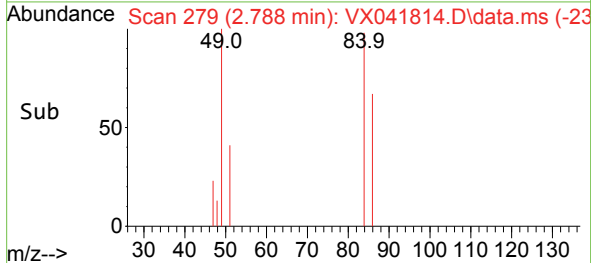
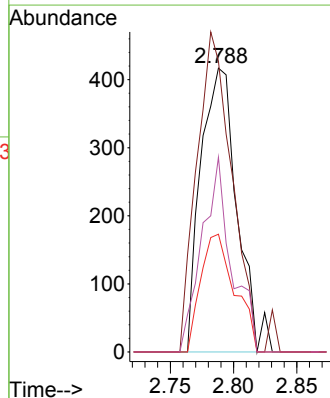
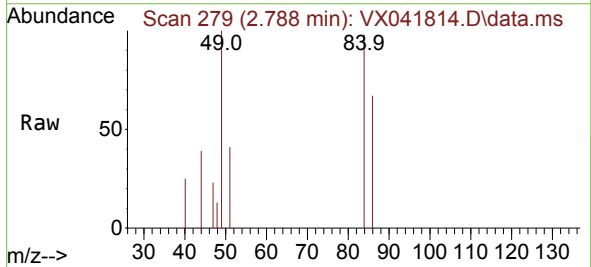
Ion Ratio Lower Upper

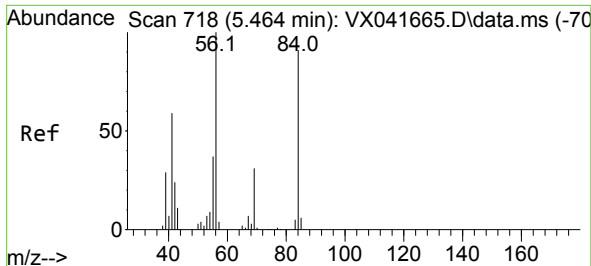
84 100

49 102.4 103.6 155.4#

51 41.5 33.8 50.6

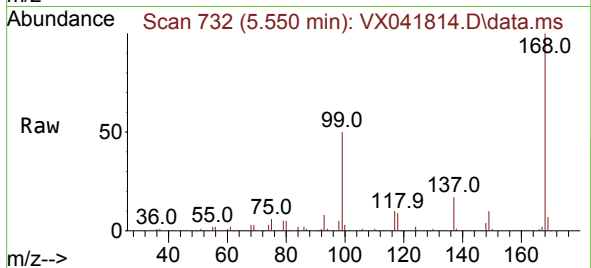
86 68.6 49.4 74.0



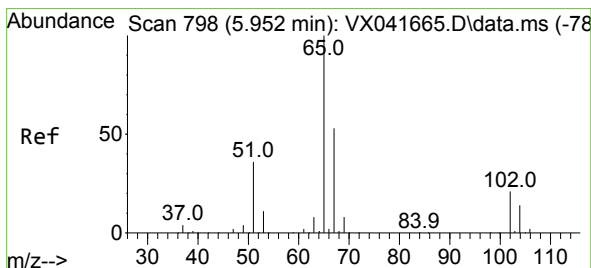
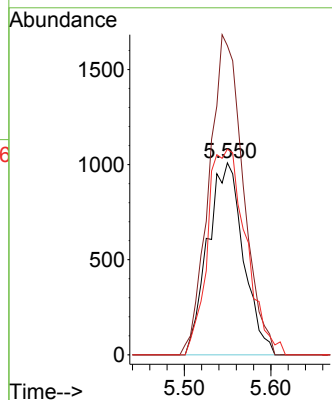
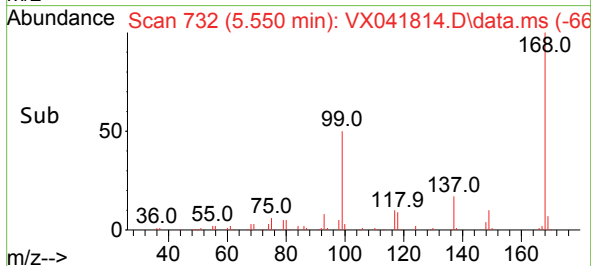


#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :

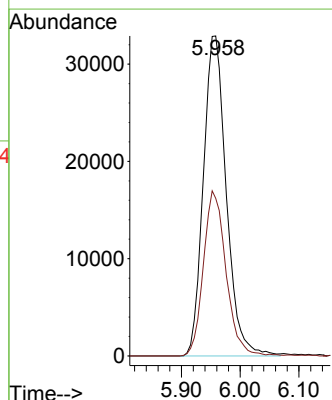
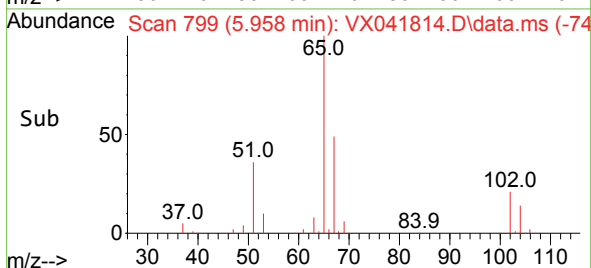
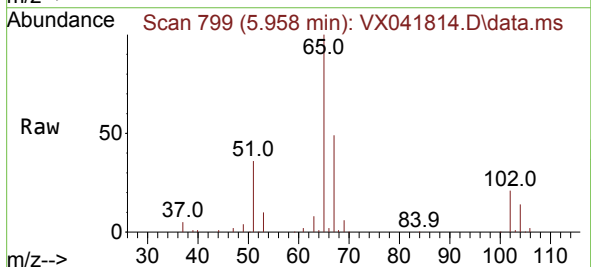


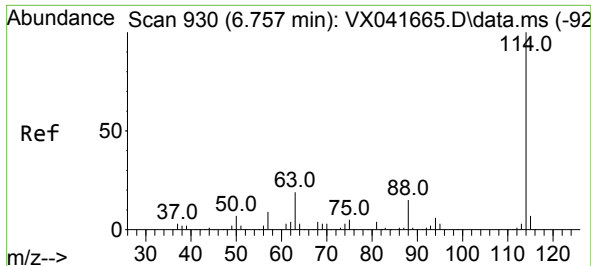
Tgt Ion: 56 Resp: 2881
Ion Ratio Lower Upper
56 100
69 161.1 23.4 35.2#
84 107.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.585 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

Tgt Ion: 65 Resp: 89306
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

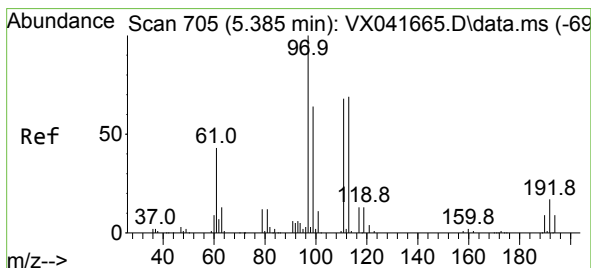
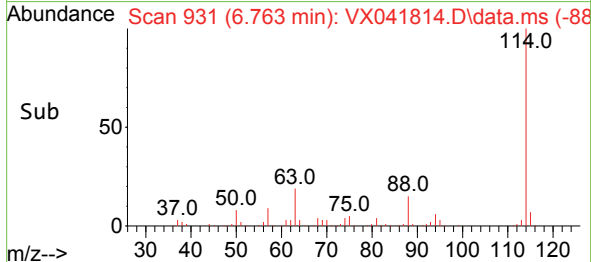
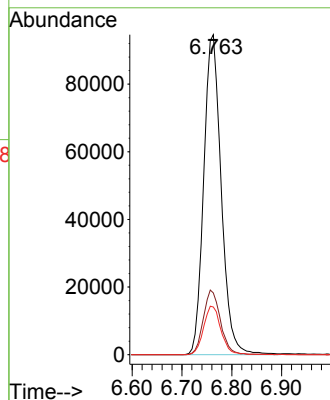
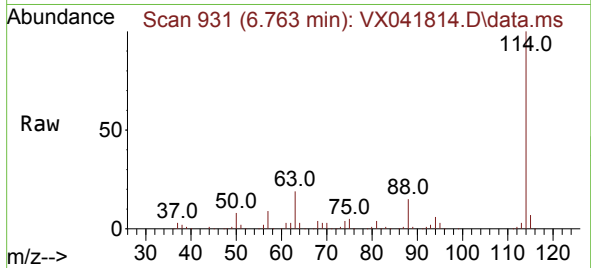




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

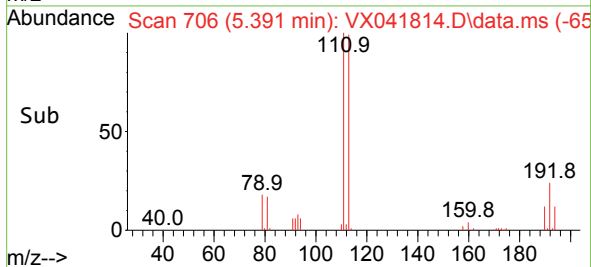
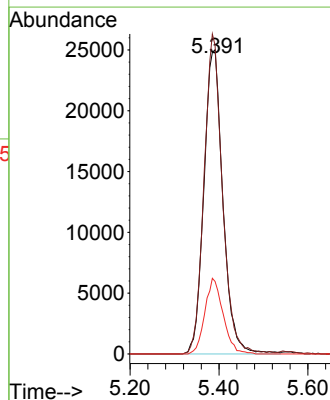
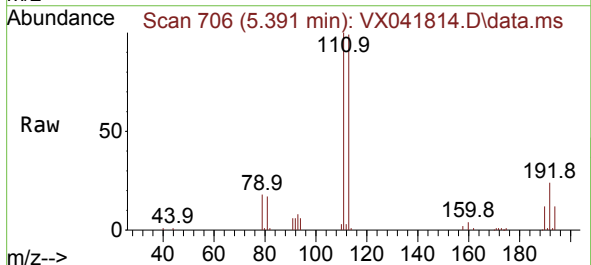
Instrument :
MSVOA_X
ClientSampleId :

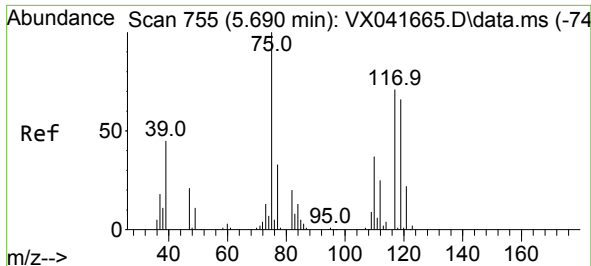
Tgt Ion:114 Resp: 230796
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.805 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

Tgt Ion:113 Resp: 74687
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 23.8 13.3 19.9#

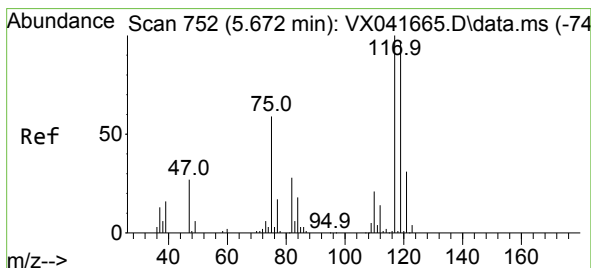
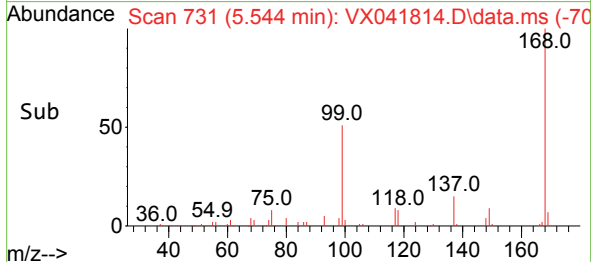
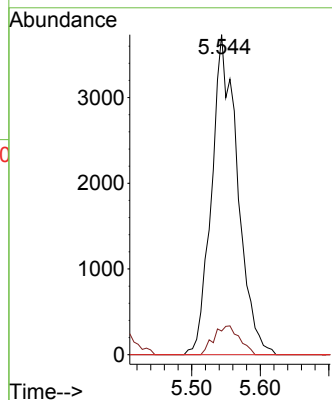
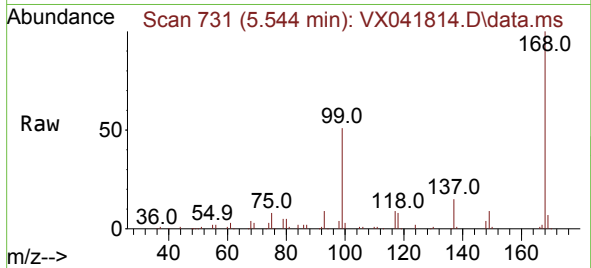




#36
1,1-Dichloropropene
Concen: 5.090 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

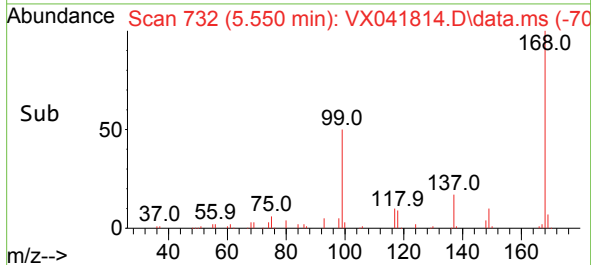
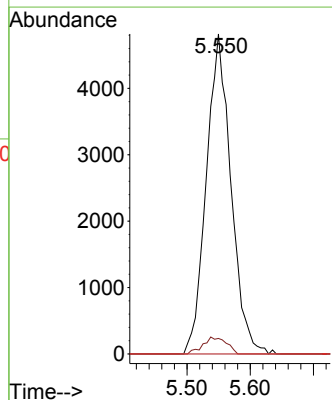
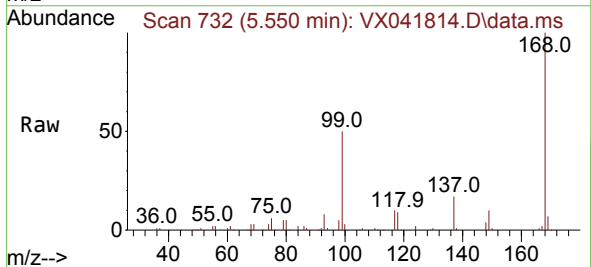
Instrument :
MSVOA_X
ClientSampleId :

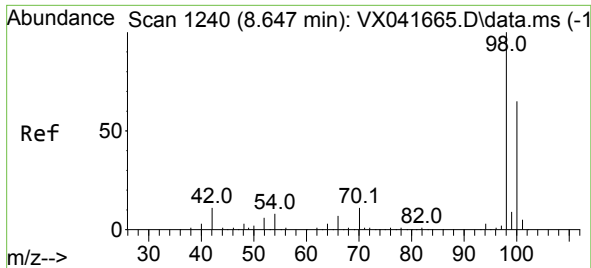
Tgt Ion: 75 Resp: 9834
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.944 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

Tgt Ion: 117 Resp: 13048
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

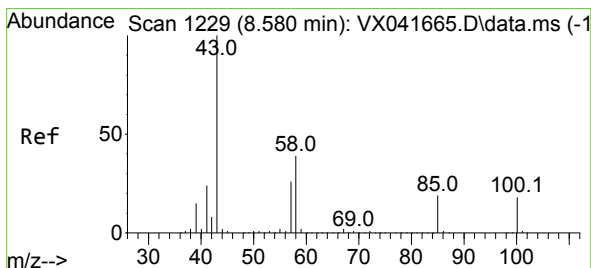
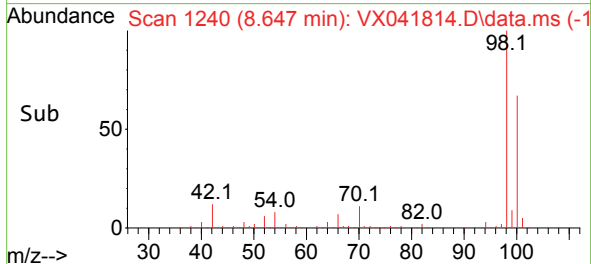
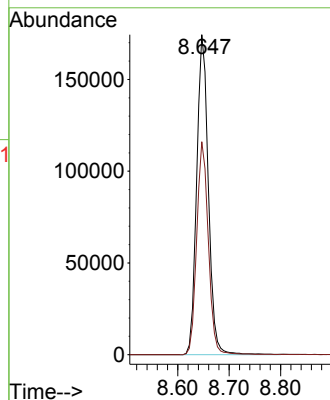
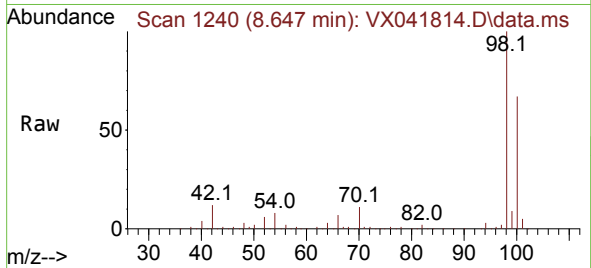




#50
Toluene-d8
Concen: 49.418 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

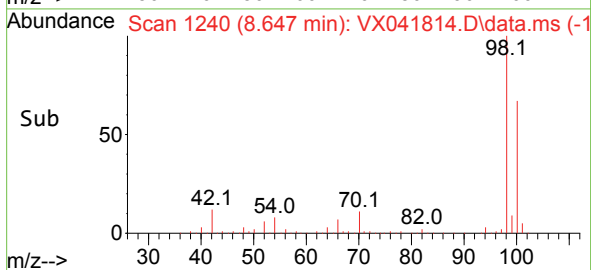
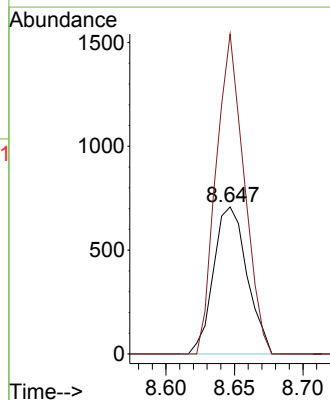
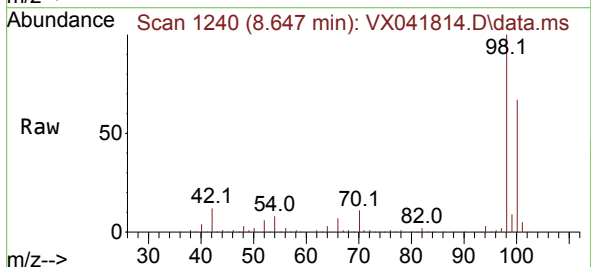
Instrument :
MSVOA_X
ClientSampleId :

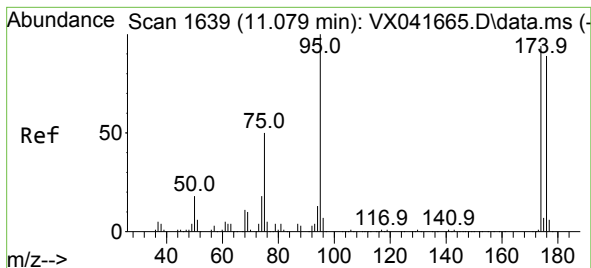
Tgt Ion: 98 Resp: 275534
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.506 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
58 181.7 30.4 45.6#

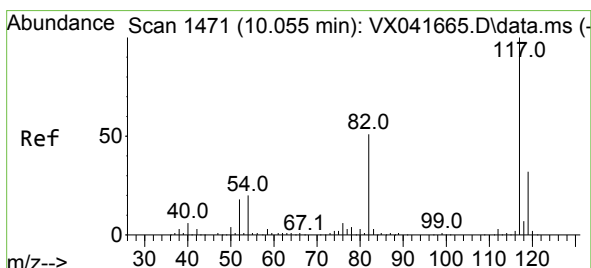
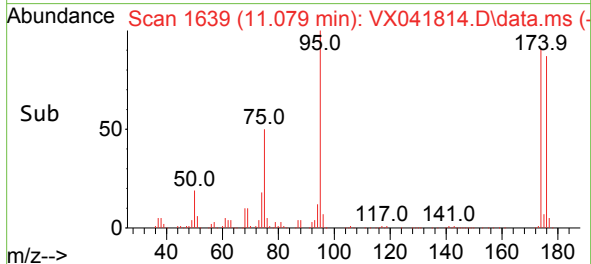
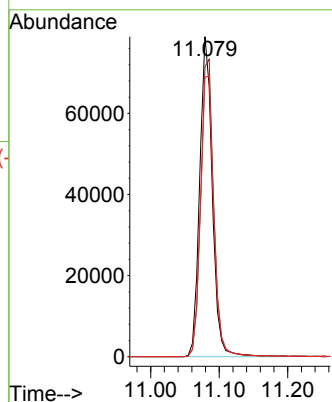
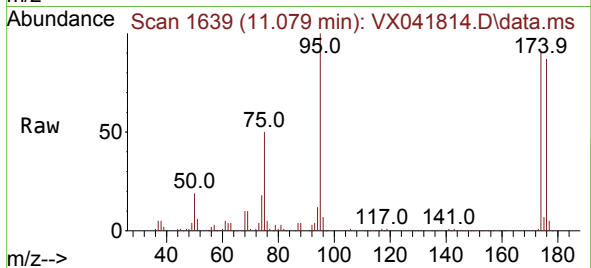




#62
4-Bromofluorobenzene
Concen: 49.092 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

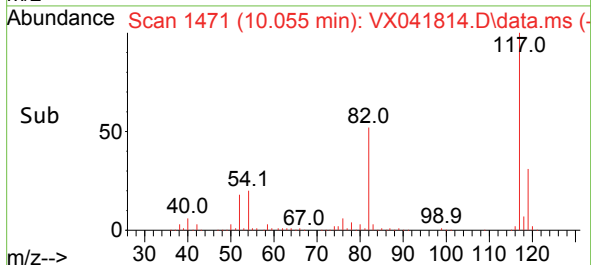
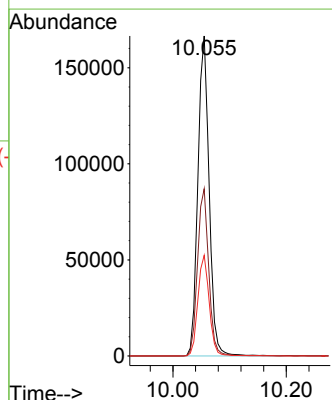
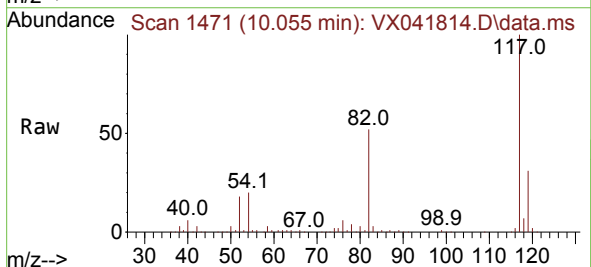
Instrument :
MSVOA_X
ClientSampleId :

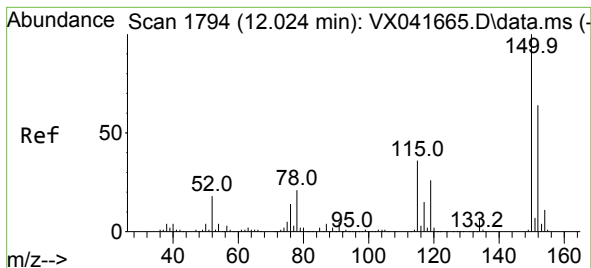
Tgt Ion: 95 Resp: 101024
Ion Ratio Lower Upper
95 100
174 96.3 0.0 135.6
176 92.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

Tgt Ion: 117 Resp: 228875
Ion Ratio Lower Upper
117 100
82 52.2 46.2 69.4
119 31.5 25.5 38.3

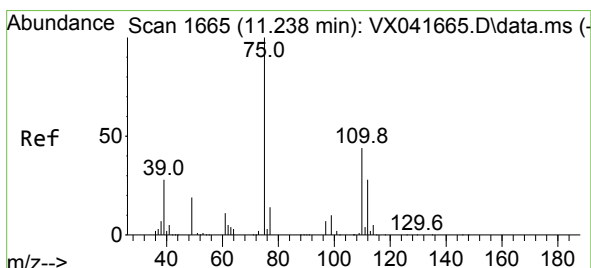
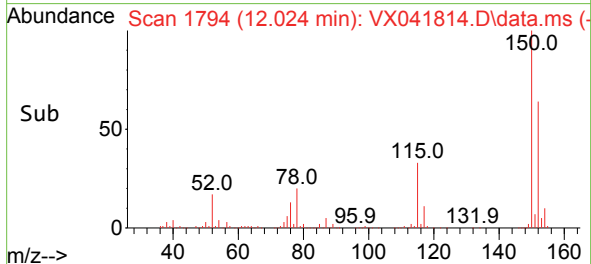
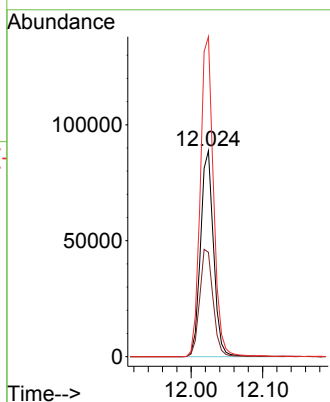
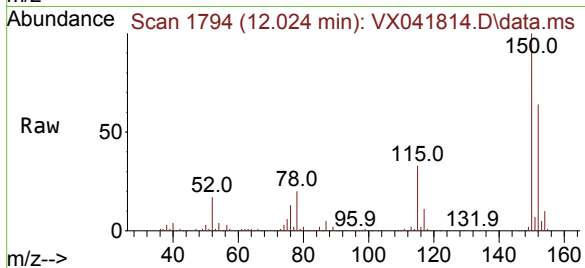




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

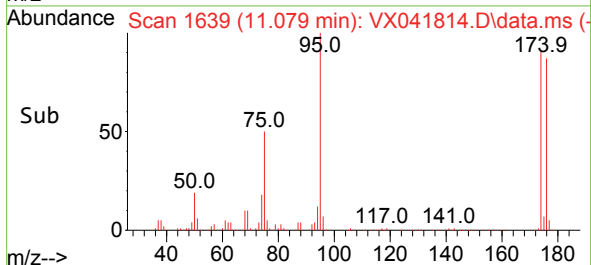
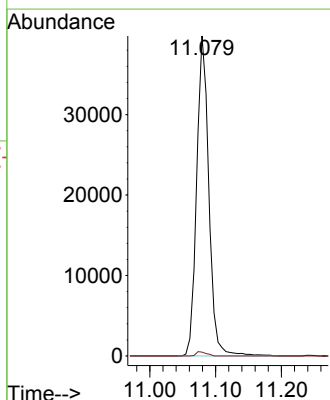
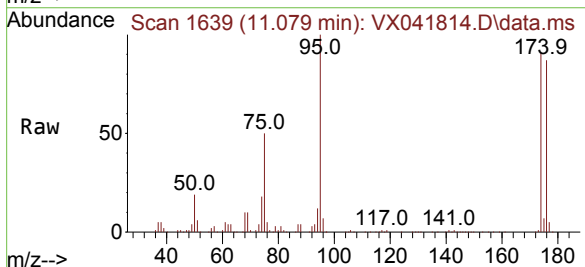
Instrument :
MSVOA_X
ClientSampleId :

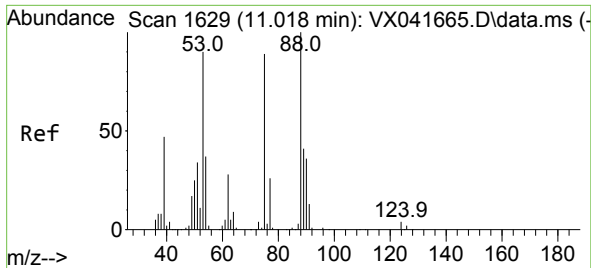
Tgt Ion:152 Resp: 112420
Ion Ratio Lower Upper
152 100
115 53.9 43.3 129.9
150 157.6 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.153 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041814.D
Acq: 10 Jun 2024 16:41

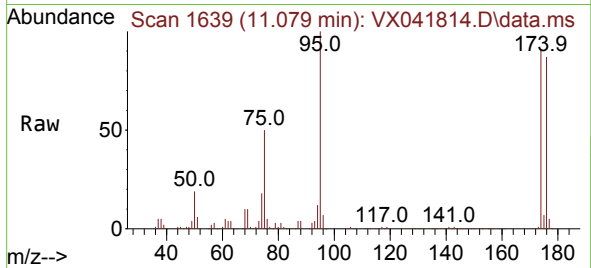
Tgt Ion: 75 Resp: 51299
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.280 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041814.D
 Acq: 10 Jun 2024 16:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 51299
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

