

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060624\
 Data File : VX041765.D
 Acq On : 06 Jun 2024 10:23
 Operator : JC/MD
 Sample : VX0606WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 00:56:24 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)

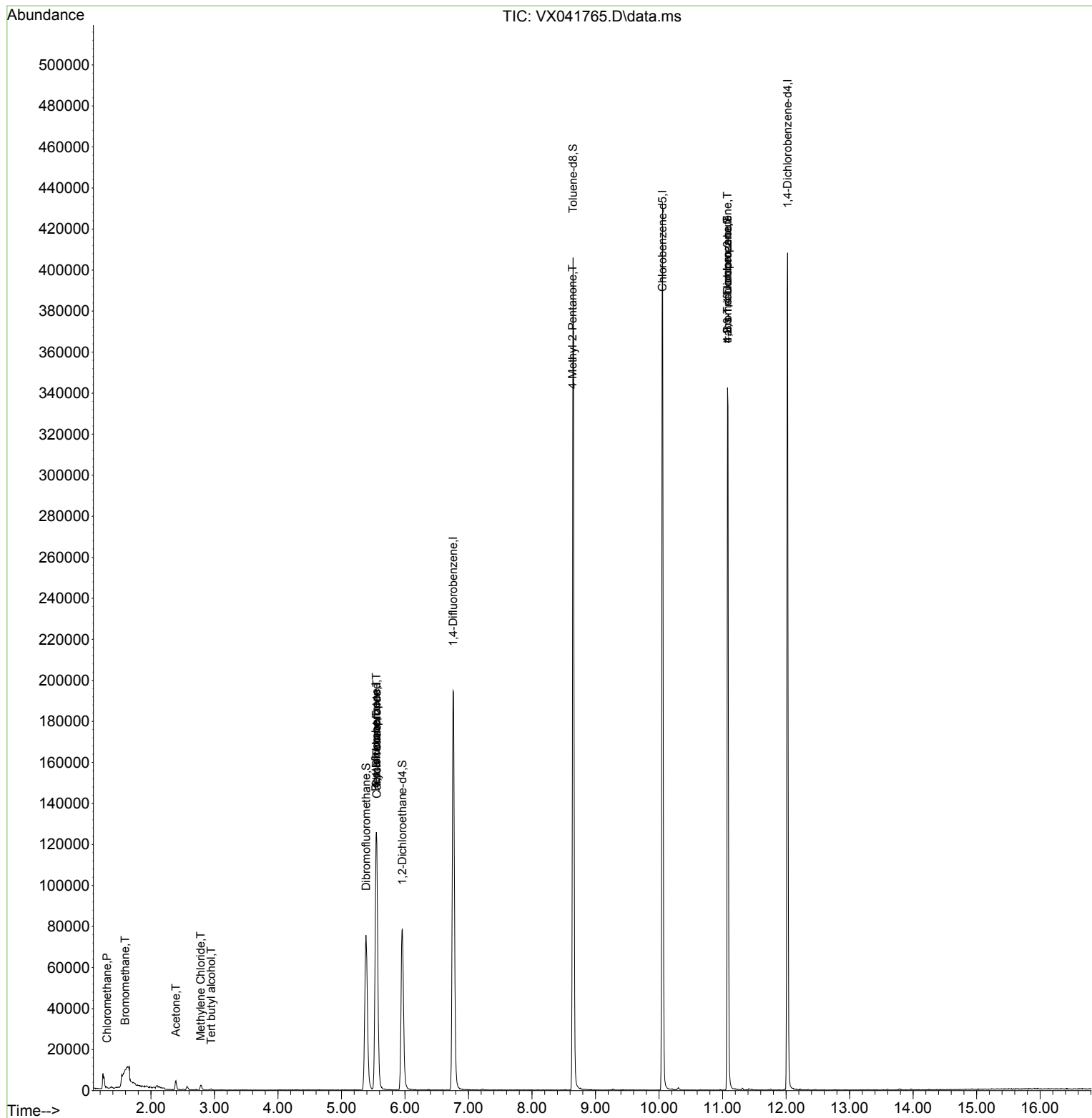
Internal Standards						
1) Pentafluorobenzene	5.543	168	133228	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	208976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80434	49.225	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.460%
35) Dibromofluoromethane	5.385	113	65499	45.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.660%
50) Toluene-d8	8.646	98	244299	48.391	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.079	95	89137	47.838	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.680%
Target Compounds						
					Qvalue	
3) Chloromethane	1.306	50	403	0.316	ug/l	93
5) Bromomethane	1.593	94	566	0.618	ug/l	# 69
11) Tert butyl alcohol	2.946	59	340	1.176	ug/l	# 78
16) Acetone	2.391	43	4862	4.087	ug/l	98
20) Methylene Chloride	2.782	84	1225	0.838	ug/l	# 79
31) Cyclohexane	5.549	56	2381	1.234	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	8764	5.009	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	11733	5.903	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.640	43	1078	0.499	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	46143	28.354	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	46143	77.279	ug/l	# 5

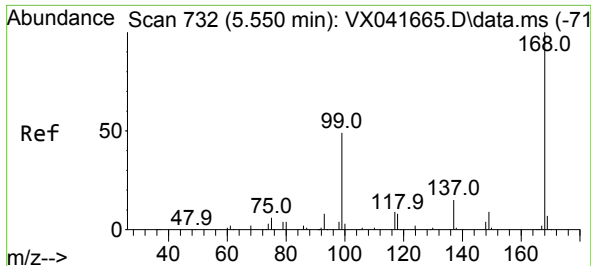
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060624\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 07 00:56:24 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

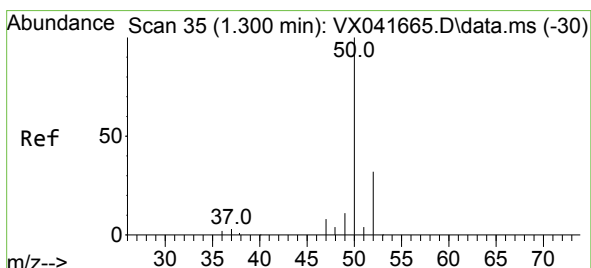
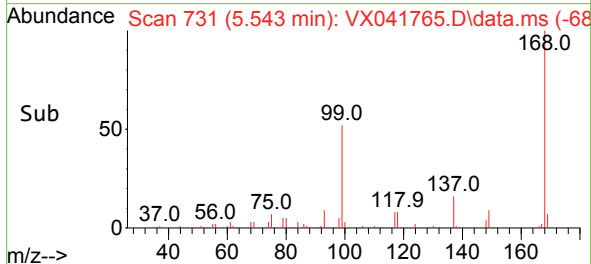
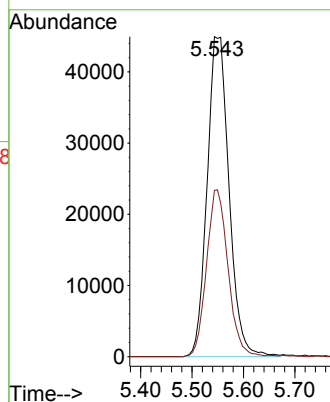
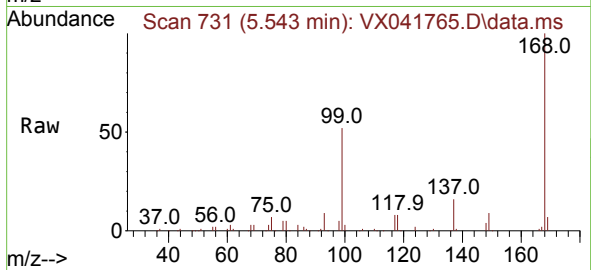




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

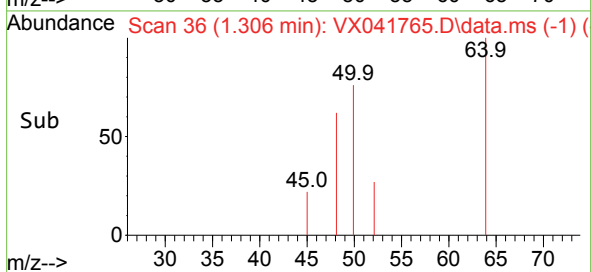
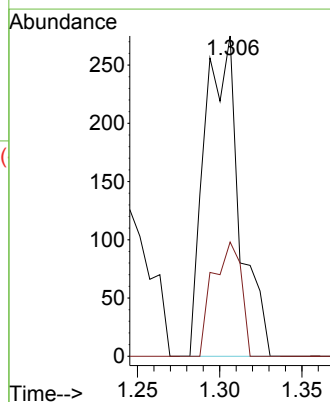
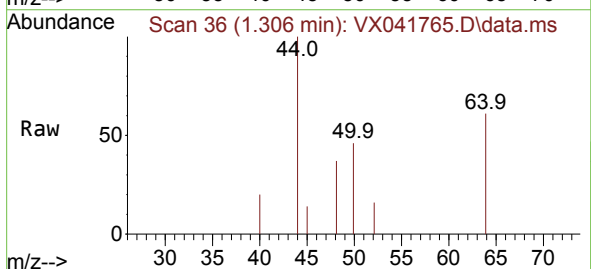
Instrument :
MSVOA_X
ClientSampleId :

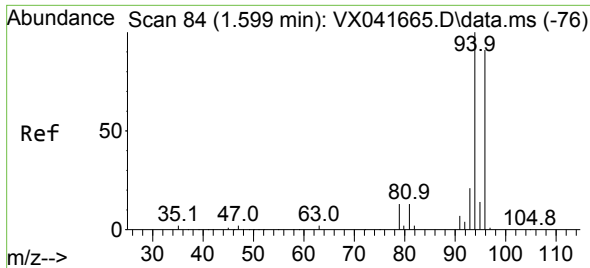
Tgt Ion:168 Resp: 133228
Ion Ratio Lower Upper
168 100
99 52.0 56.6 85.0#



#3
Chloromethane
Concen: 0.316 ug/l
RT: 1.306 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

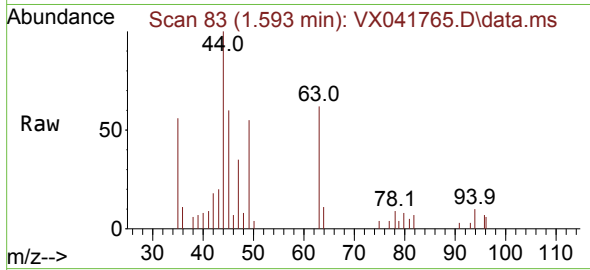
Tgt Ion: 50 Resp: 403
Ion Ratio Lower Upper
50 100
52 35.6 25.5 38.3



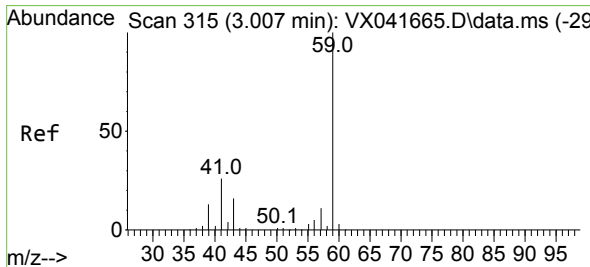
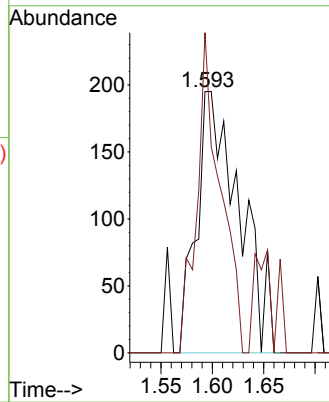
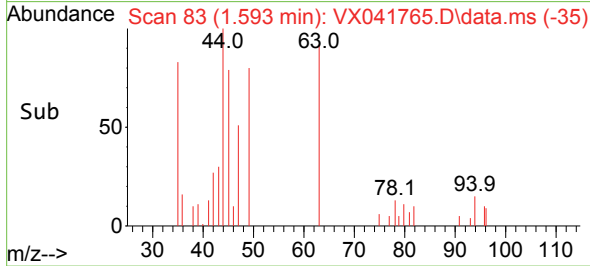


#5
Bromomethane
Concen: 0.618 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :

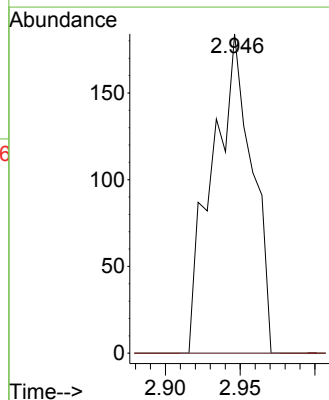
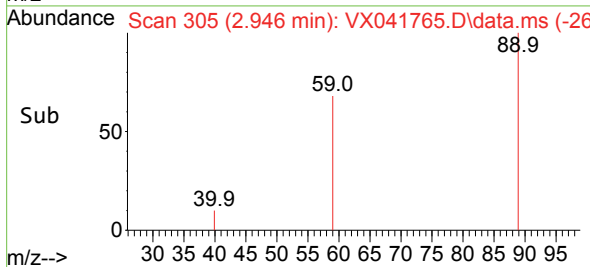
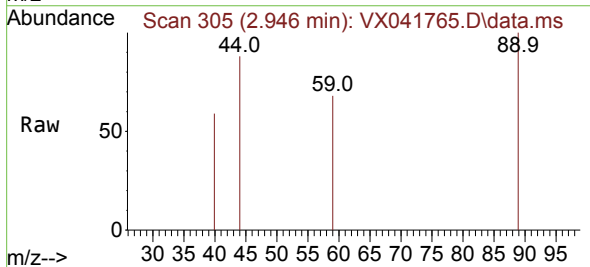


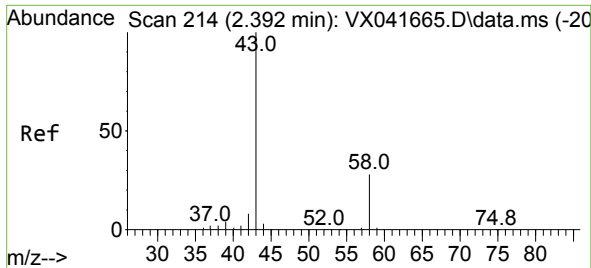
Tgt Ion: 94 Resp: 566
Ion Ratio Lower Upper
94 100
96 122.6 74.6 111.8#



#11
Tert butyl alcohol
Concen: 1.176 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

Tgt Ion: 59 Resp: 340
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

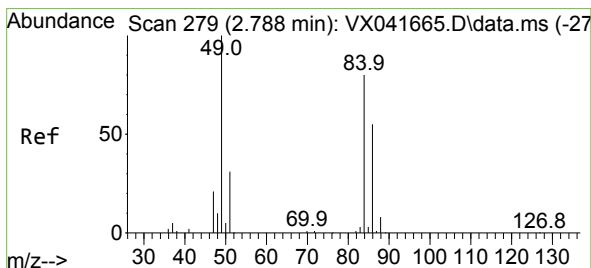
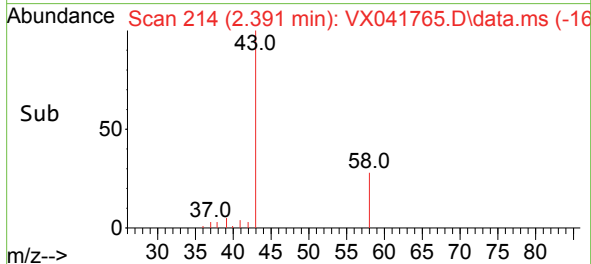
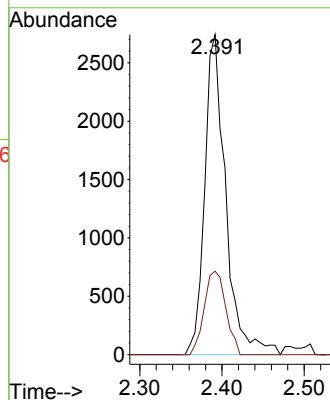
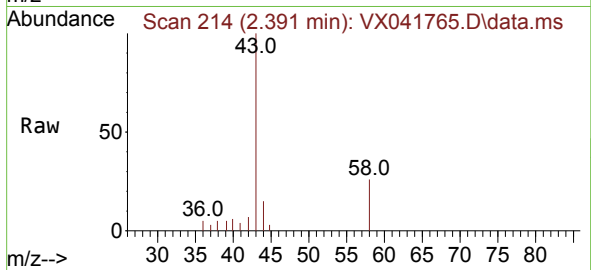




#16
Acetone
Concen: 4.087 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

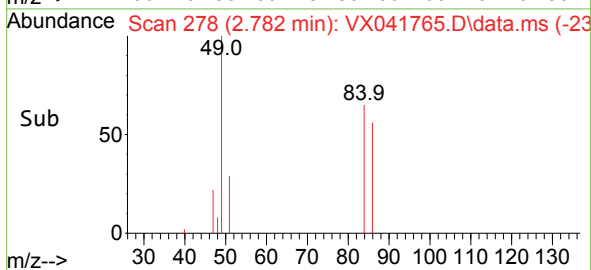
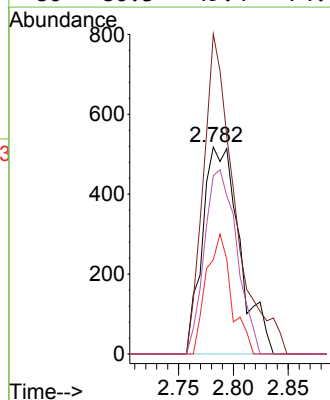
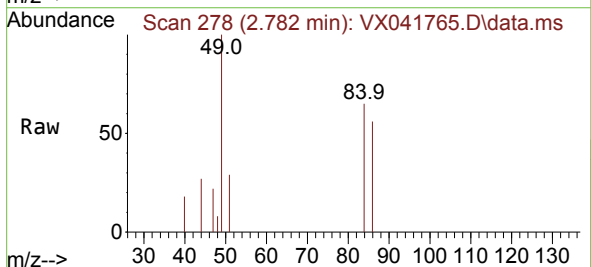
Instrument :
MSVOA_X
ClientSampleId :

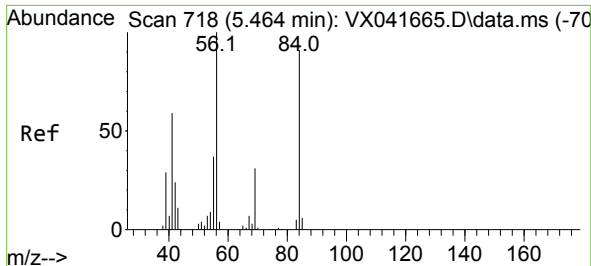
Tgt Ion: 43 Resp: 4862
Ion Ratio Lower Upper
43 100
58 26.1 21.9 32.9



#20
Methylene Chloride
Concen: 0.838 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

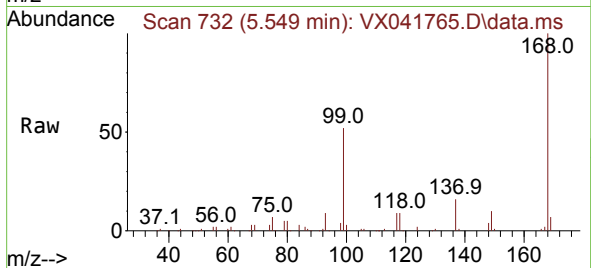
Tgt Ion: 84 Resp: 1225
Ion Ratio Lower Upper
84 100
49 154.6 103.6 155.4
51 45.6 33.8 50.6
86 86.3 49.4 74.0#



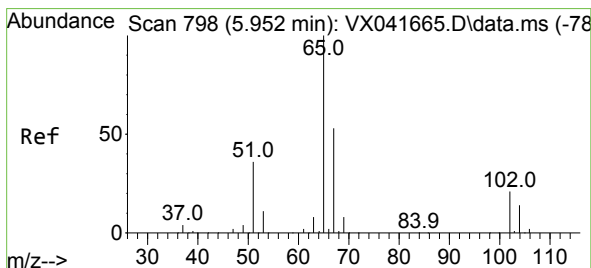
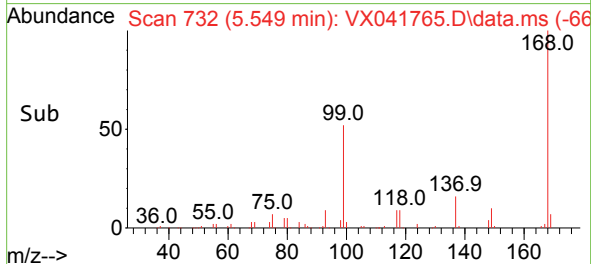
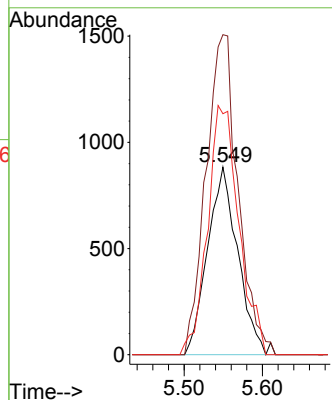


#31
Cyclohexane
Concen: 1.234 ug/l
RT: 5.549 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :

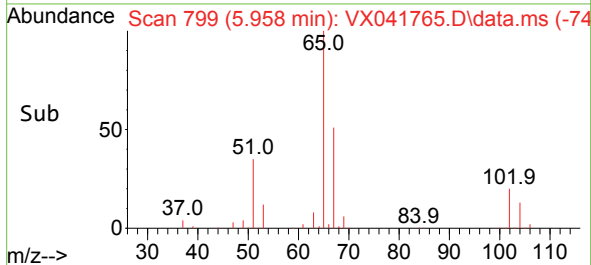
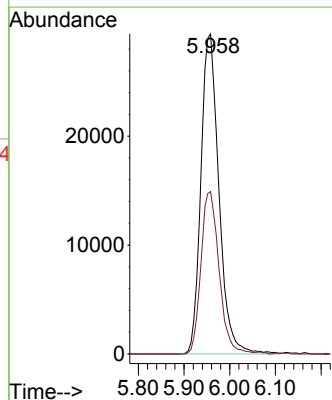
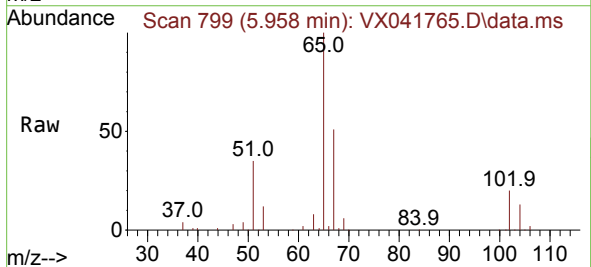


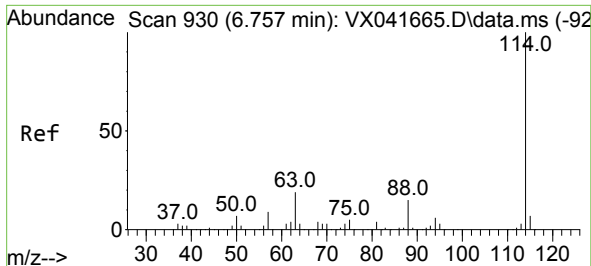
Tgt Ion: 56 Resp: 2381
Ion Ratio Lower Upper
56 100
69 170.7 23.4 35.2#
84 128.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.225 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

Tgt Ion: 65 Resp: 80434
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

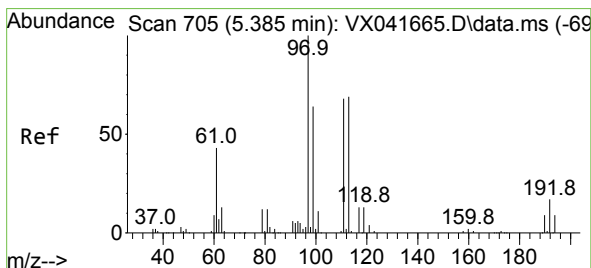
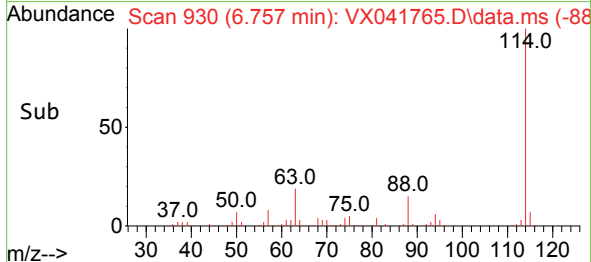
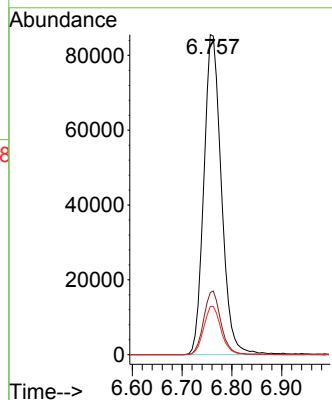
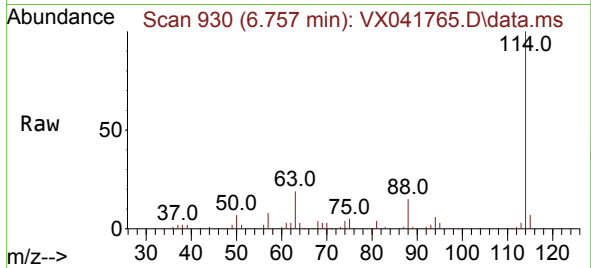




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

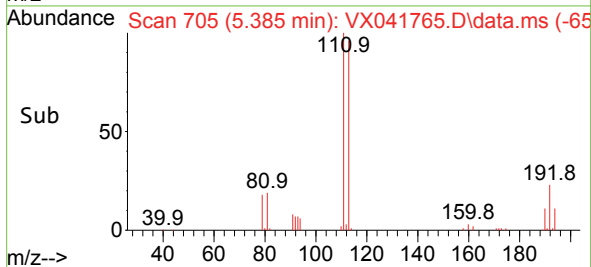
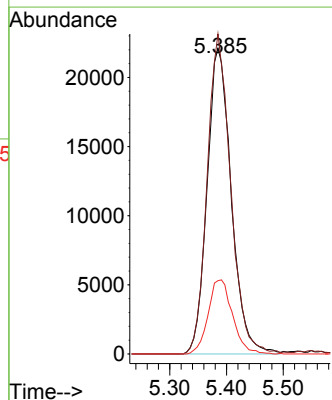
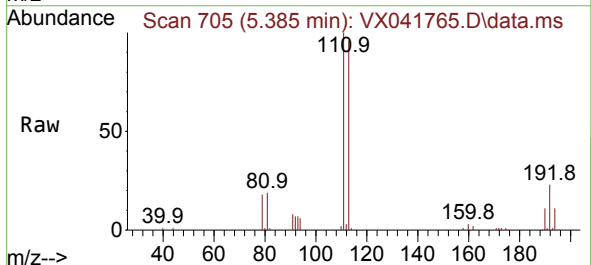
Instrument :
MSVOA_X
ClientSampleId :

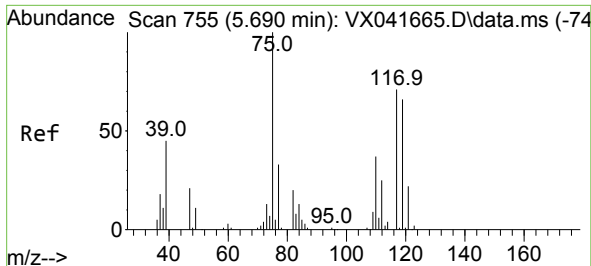
Tgt Ion:114 Resp: 208976
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.333 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

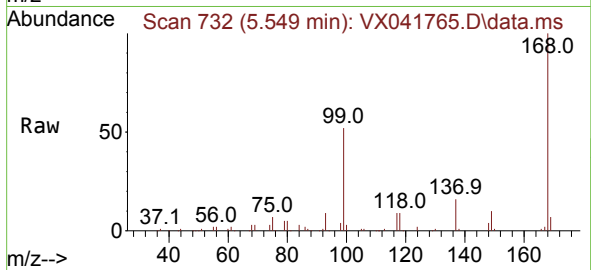
Tgt Ion:113 Resp: 65499
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 24.4 13.3 19.9#



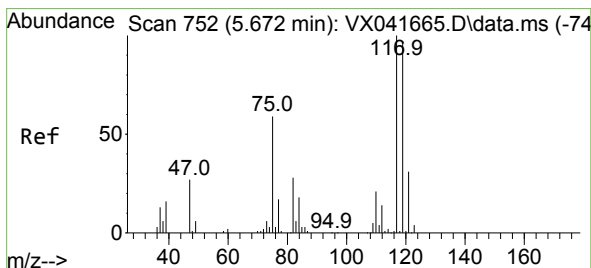
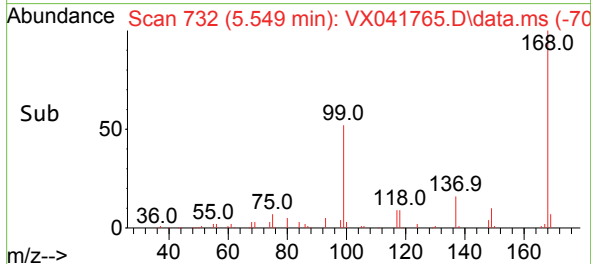
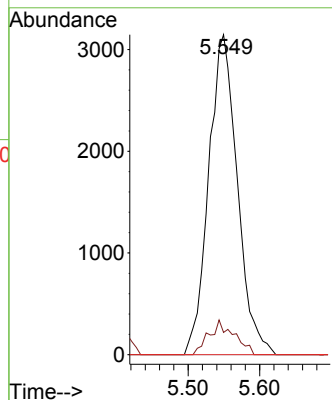


#36
1,1-Dichloropropene
Concen: 5.009 ug/l
RT: 5.549 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

Instrument :
MSVOA_X
ClientSampleId :

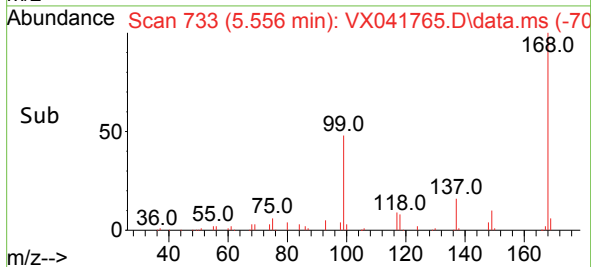
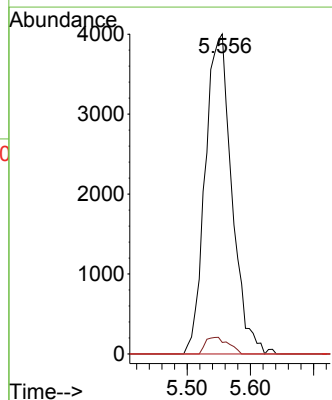
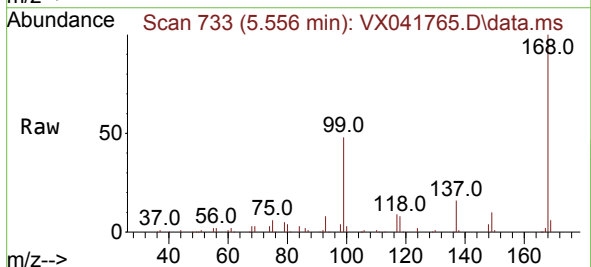


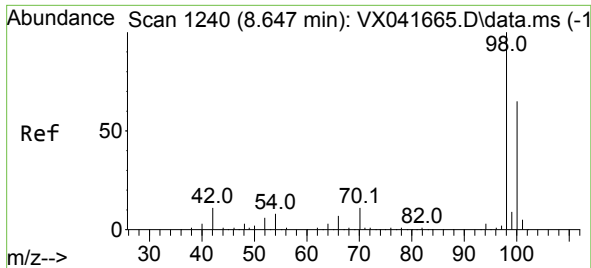
Tgt Ion: 75 Resp: 8764
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.903 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

Tgt Ion: 117 Resp: 11733
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#

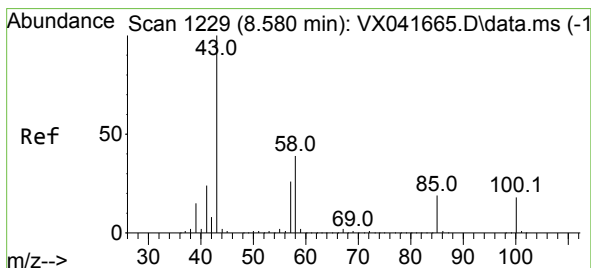
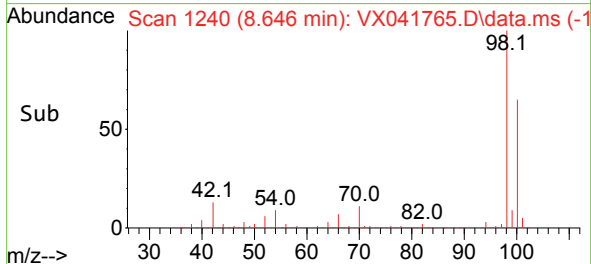
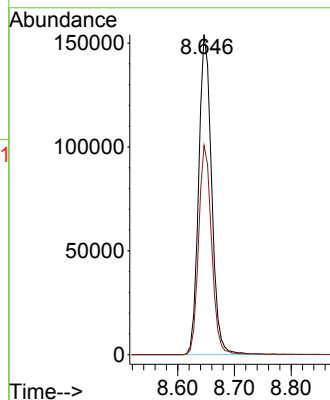
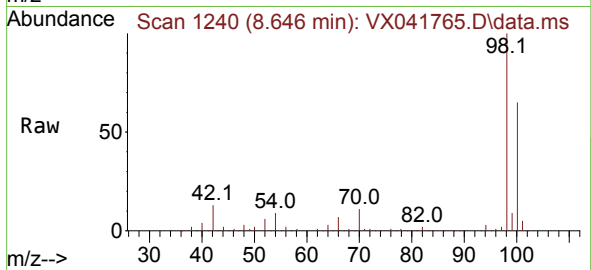




#50
Toluene-d8
Concen: 48.391 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

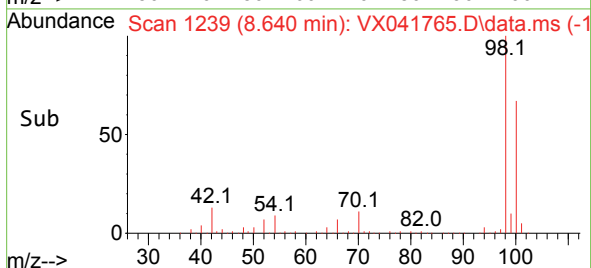
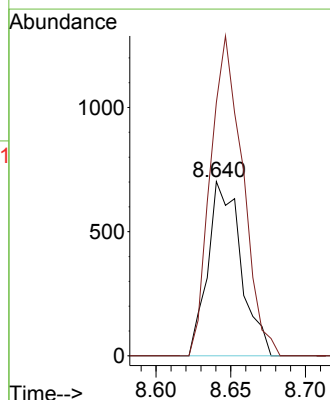
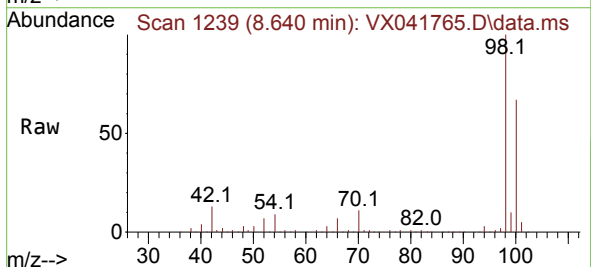
Instrument :
MSVOA_X
ClientSampleId :

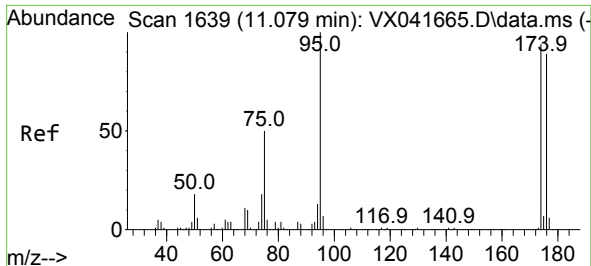
Tgt Ion: 98 Resp: 244299
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.499 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
58 179.3 30.4 45.6#

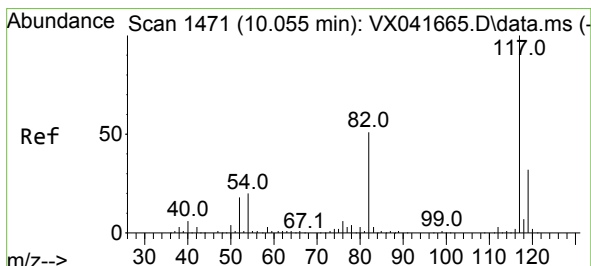
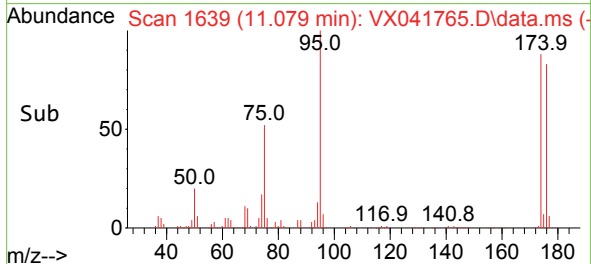
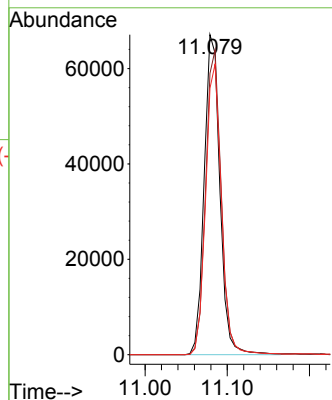
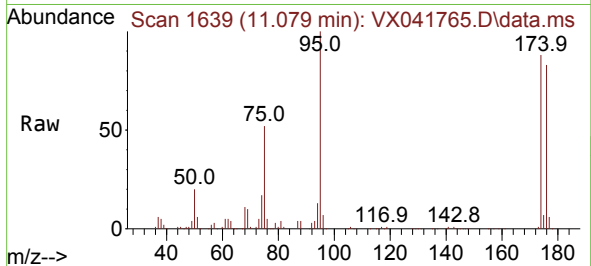




#62
4-Bromofluorobenzene
Concen: 47.838 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

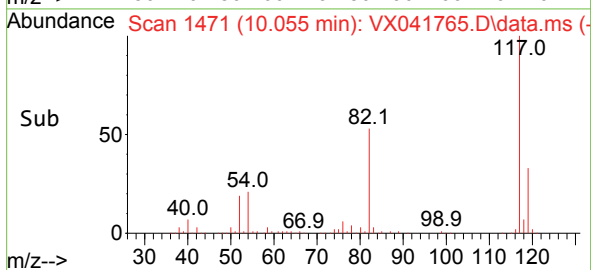
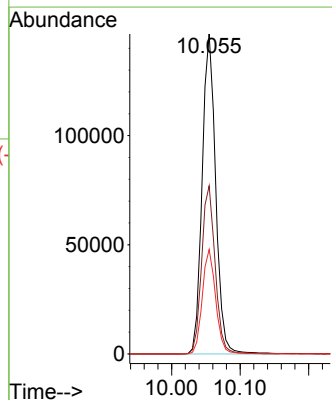
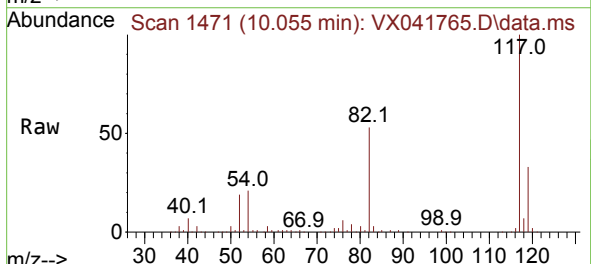
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MSVOA_X
ClientSampleId :

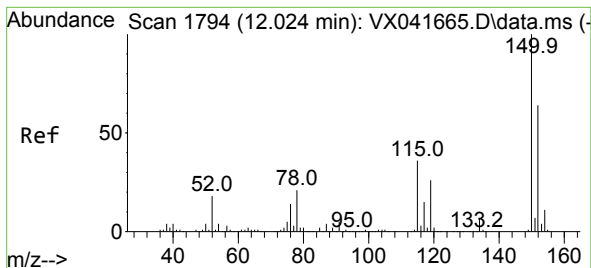
Tgt Ion: 95 Resp: 89137
Ion Ratio Lower Upper
95 100
174 95.1 0.0 135.6
176 91.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041765.D
Acq: 06 Jun 2024 10:23

Tgt Ion: 117 Resp: 201886
Ion Ratio Lower Upper
117 100
82 52.6 46.2 69.4
119 32.6 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: VX041765.D

Acq: 06 Jun 2024 10:23

Instrument :

MSVOA_X

ClientSampleId :

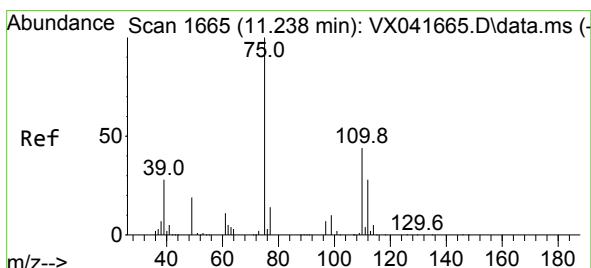
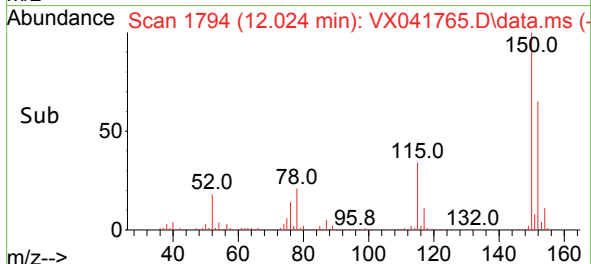
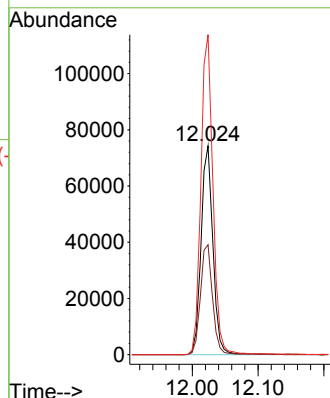
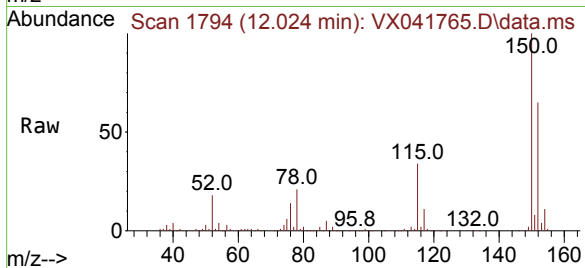
Tgt Ion:152 Resp: 93271

Ion Ratio Lower Upper

152 100

115 54.1 43.3 129.9

150 155.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 28.354 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041765.D

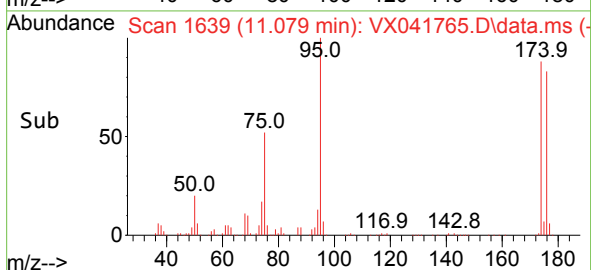
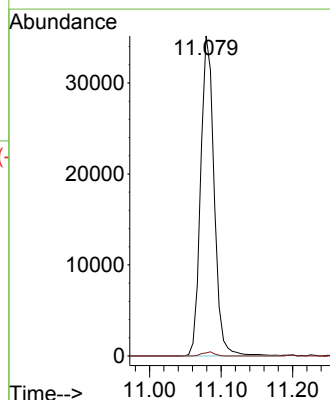
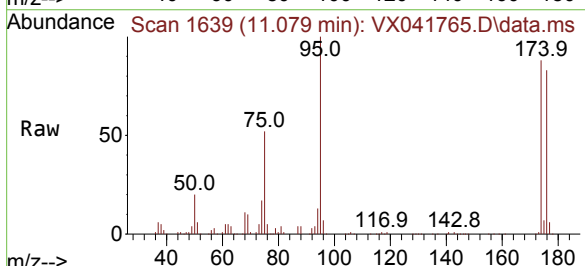
Acq: 06 Jun 2024 10:23

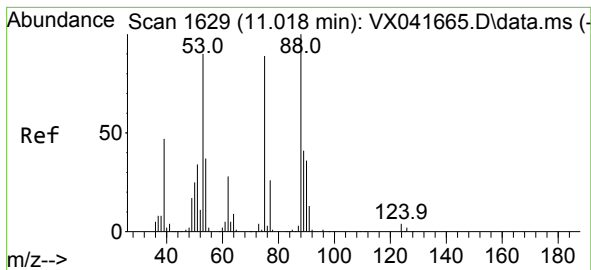
Tgt Ion: 75 Resp: 46143

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.279 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041765.D
 Acq: 06 Jun 2024 10:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 46143
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

