

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041304.D
 Acq On : 30 Apr 2024 17:03
 Operator : JC/MD
 Sample : P2284-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 02:48:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

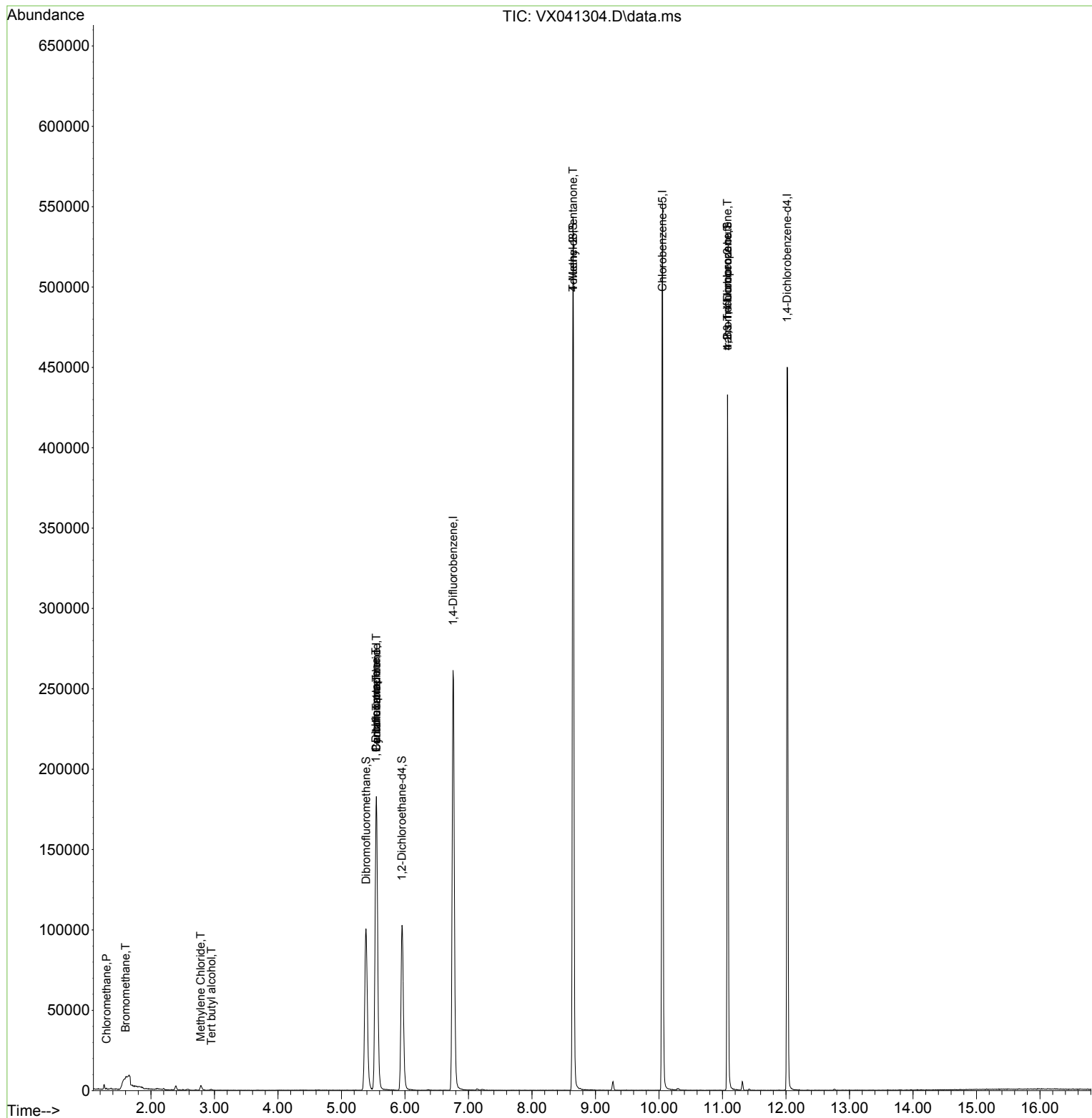
Internal Standards						
1) Pentafluorobenzene	5.550	168	196243	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	285419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103694	48.537	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.080%	
35) Dibromofluoromethane	5.385	113	87759	45.372	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	90.740%	
50) Toluene-d8	8.647	98	324247	52.965	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	105.920%	
62) 4-Bromofluorobenzene	11.079	95	104745	44.199	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	88.400%	
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	479	0.287	ug/l	# 78
5) Bromomethane	1.599	94	450	0.451	ug/l	# 80
11) Tert butyl alcohol	2.953	59	243	0.568	ug/l	# 78
16) Acetone	2.392	43	3131	Below Cal		97
20) Methylene Chloride	2.782	84	1644	0.886	ug/l	# 83
31) Cyclohexane	5.550	56	2988	1.159	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	12134	5.246	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	17196	6.490	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1438	0.552	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	52296	31.367	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	52296	85.440	ug/l	# 5

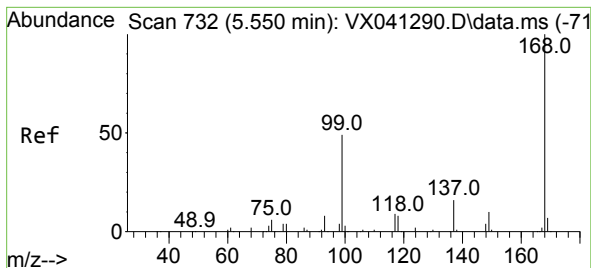
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041304.D
Acq On : 30 Apr 2024 17:03
Operator : JC/MD
Sample : P2284-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 01 02:48:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 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: VX041304.D

Acq: 30 Apr 2024 17:03

Instrument :

MSVOA_X

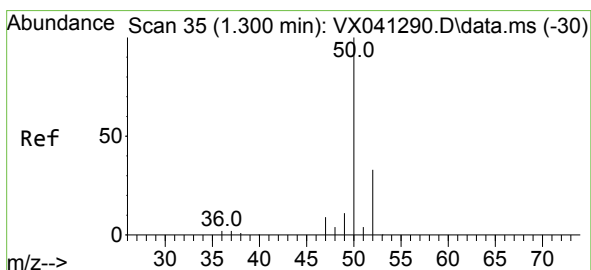
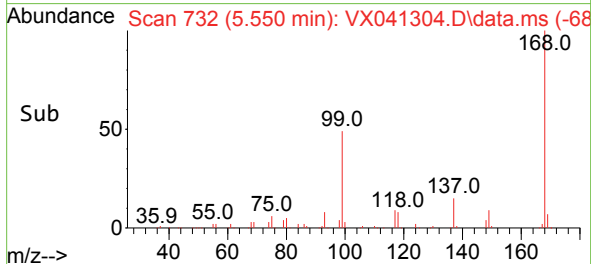
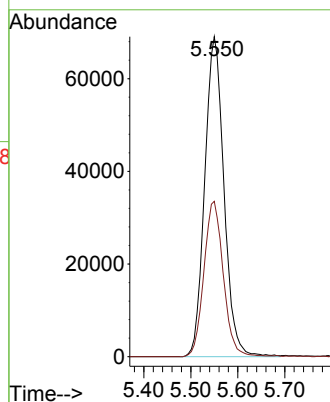
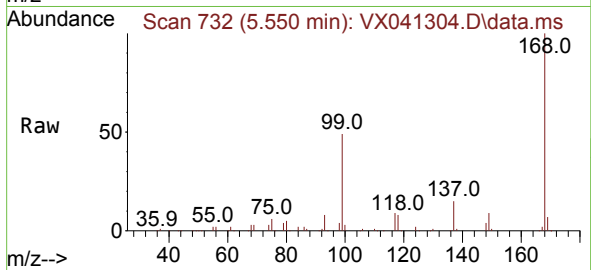
ClientSampleId :

Tgt Ion:168 Resp: 196243

Ion Ratio Lower Upper

168 100

99 48.5 56.6 85.0#



#3

Chloromethane

Concen: 0.287 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX041304.D

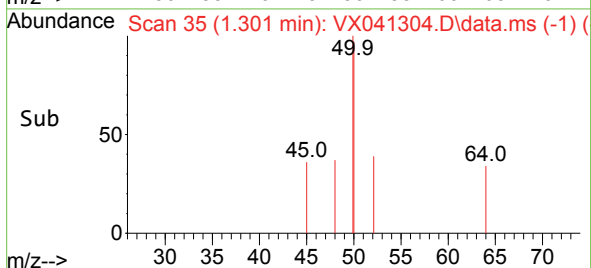
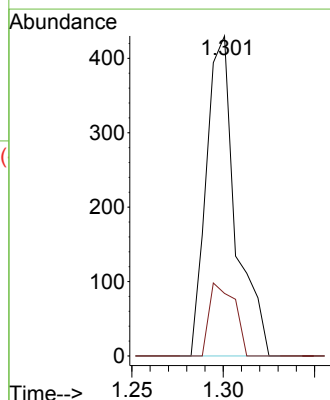
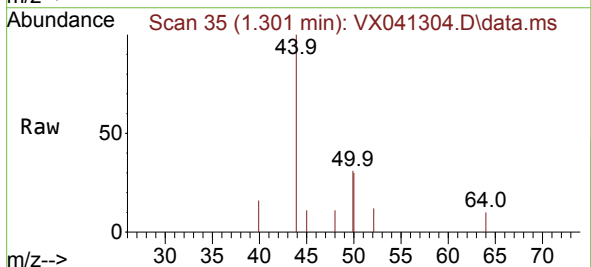
Acq: 30 Apr 2024 17:03

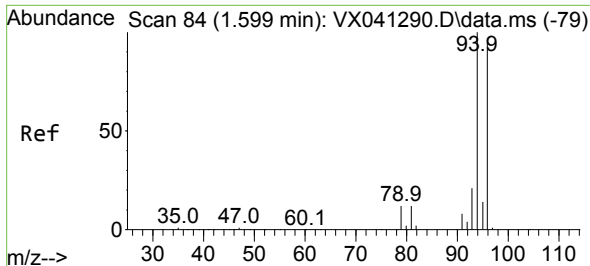
Tgt Ion: 50 Resp: 479

Ion Ratio Lower Upper

50 100

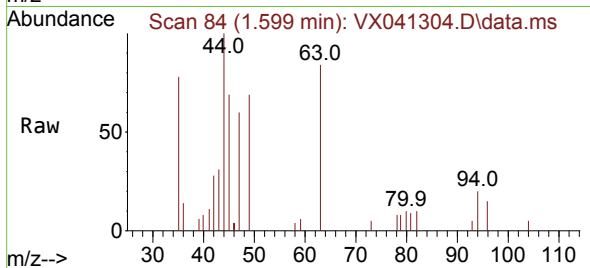
52 19.5 25.5 38.3#



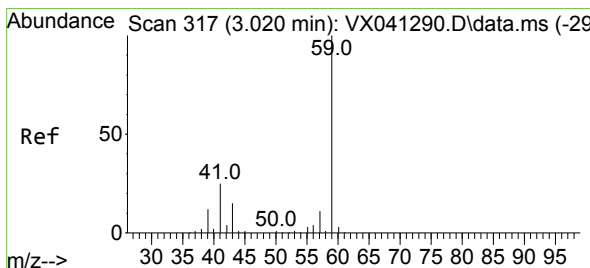
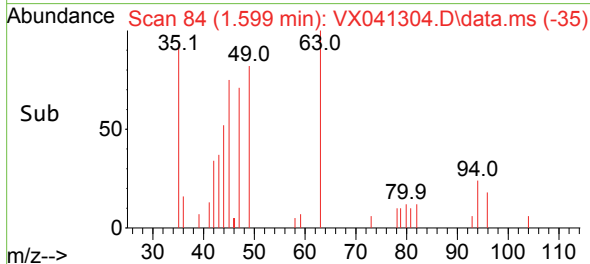
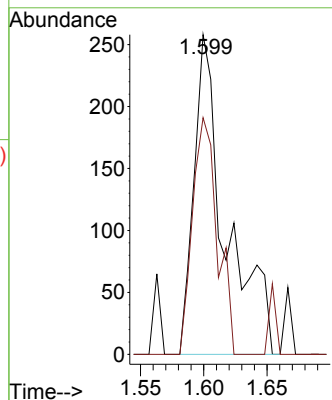


#5
Bromomethane
Concen: 0.451 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

Instrument :
MSVOA_X
ClientSampleId :

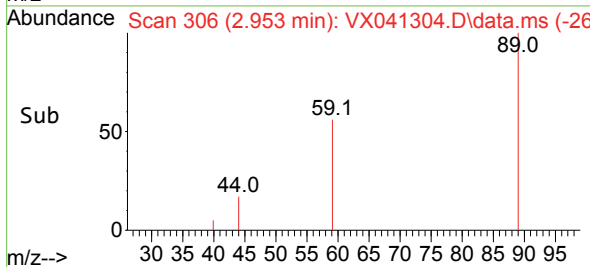
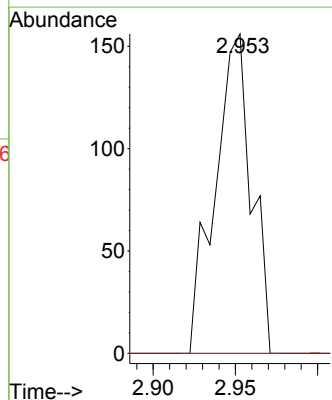
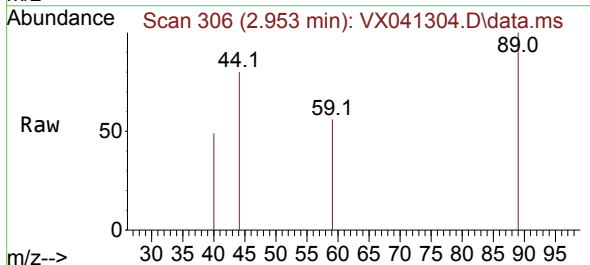


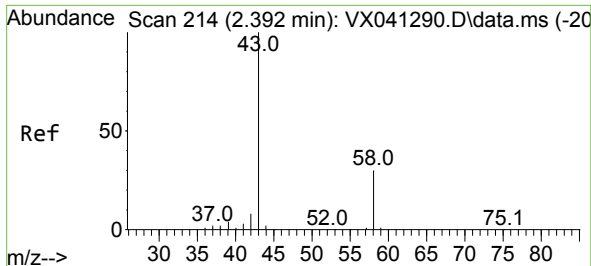
Tgt Ion: 94 Resp: 450
Ion Ratio Lower Upper
94 100
96 74.0 74.6 111.8#



#11
Tert butyl alcohol
Concen: 0.568 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.067 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

Tgt Ion: 59 Resp: 243
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

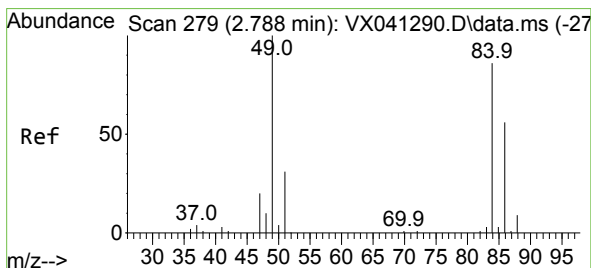
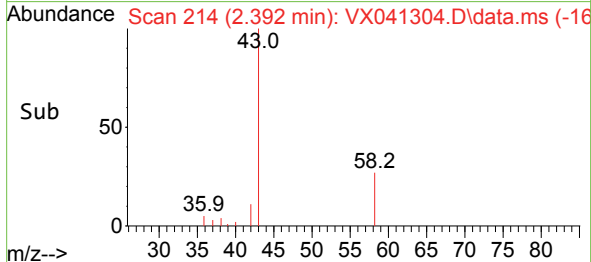
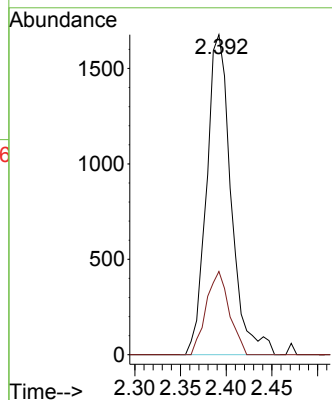
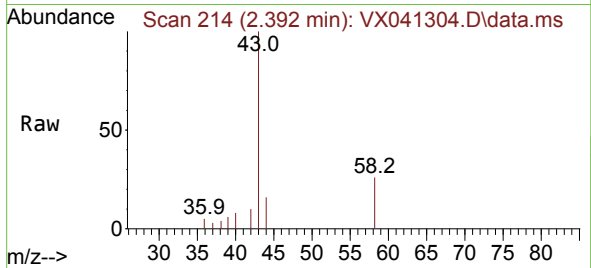




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

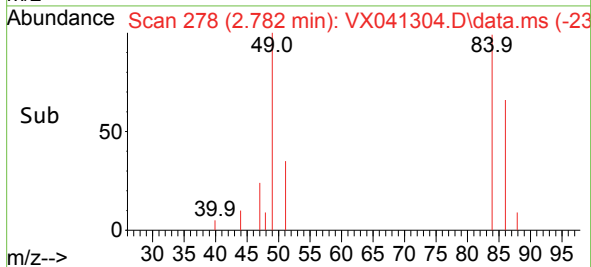
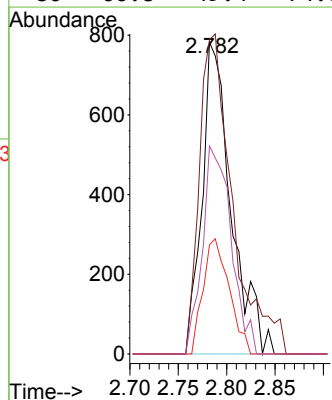
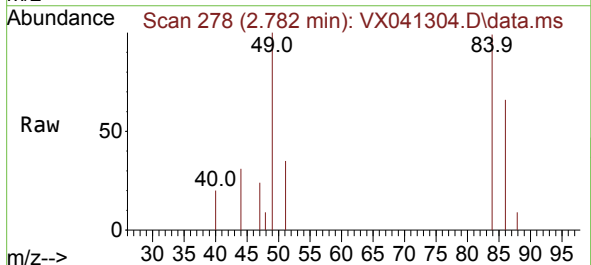
Instrument :
MSVOA_X
ClientSampleId :

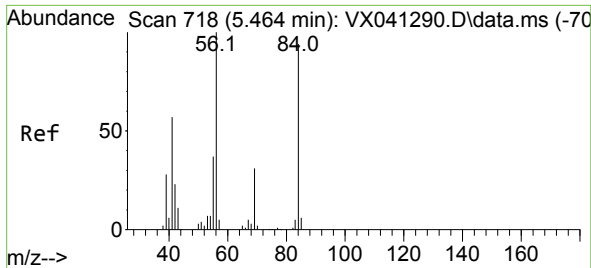
Tgt Ion: 43 Resp: 3131
Ion Ratio Lower Upper
43 100
58 26.0 21.9 32.9



#20
Methylene Chloride
Concen: 0.886 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

Tgt Ion: 84 Resp: 1644
Ion Ratio Lower Upper
84 100
49 100.8 103.6 155.4#
51 35.0 33.8 50.6
86 66.8 49.4 74.0





#31

Cyclohexane

Concen: 1.159 ug/l

RT: 5.550 min Scan# 718

Delta R.T. 0.086 min

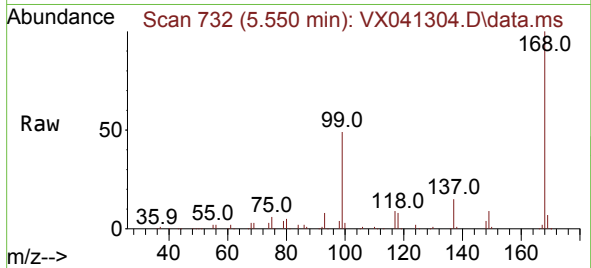
Lab File: VX041304.D

Acq: 30 Apr 2024 17:03

Instrument :

MSVOA_X

ClientSampleId :



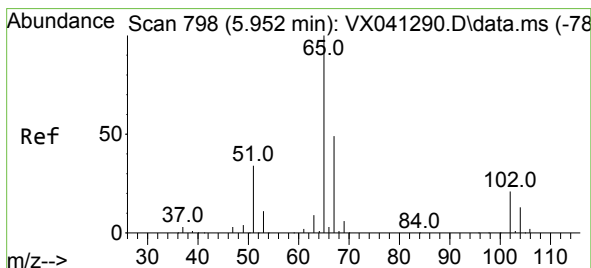
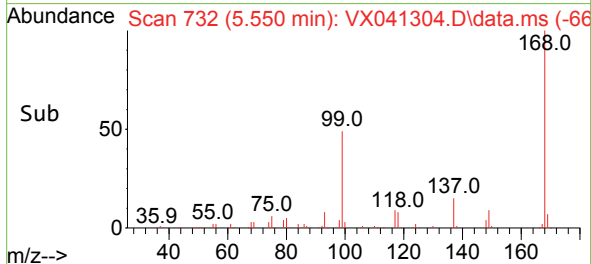
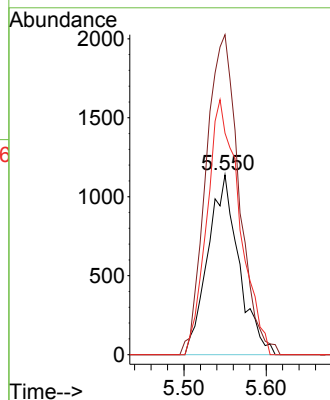
Tgt Ion: 56 Resp: 2988

Ion Ratio Lower Upper

56 100

69 177.9 23.4 35.2#

84 123.2 65.9 98.9#



#33

1,2-Dichloroethane-d4

Concen: 48.537 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041304.D

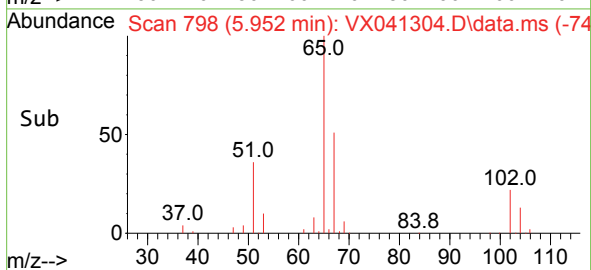
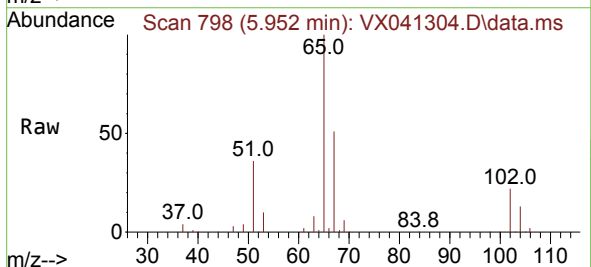
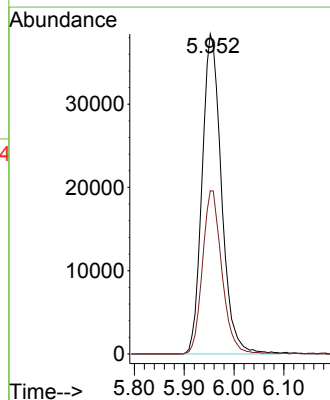
Acq: 30 Apr 2024 17:03

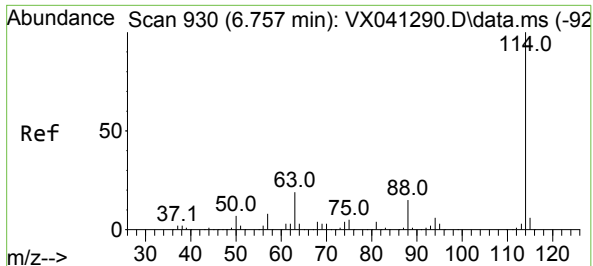
Tgt Ion: 65 Resp: 103694

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2

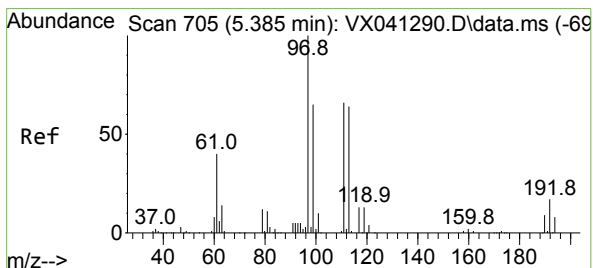
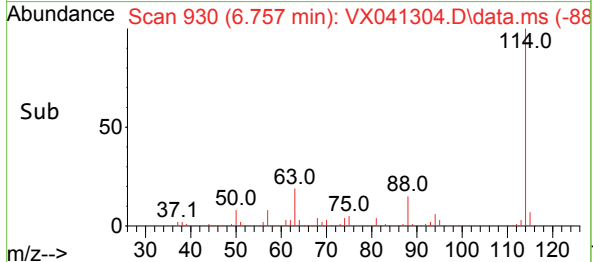
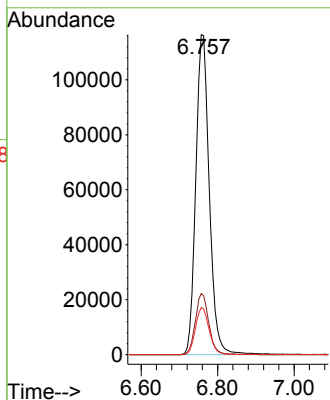
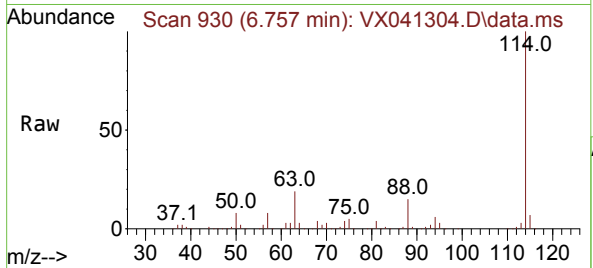




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

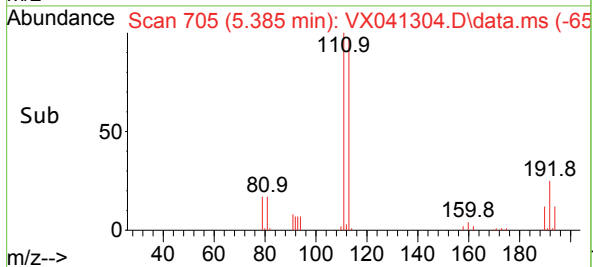
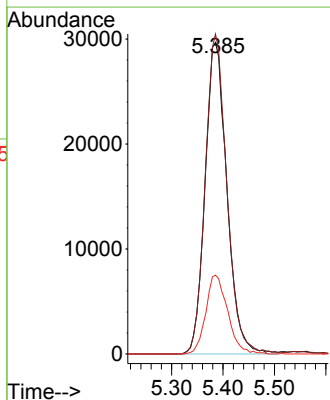
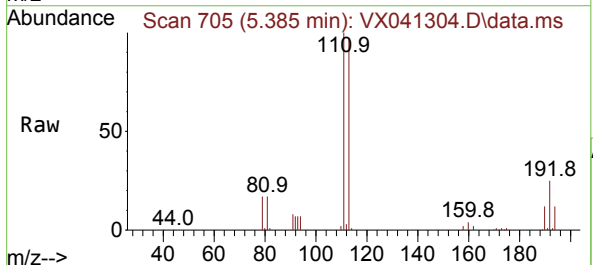
Instrument :
MSVOA_X
ClientSampleId :

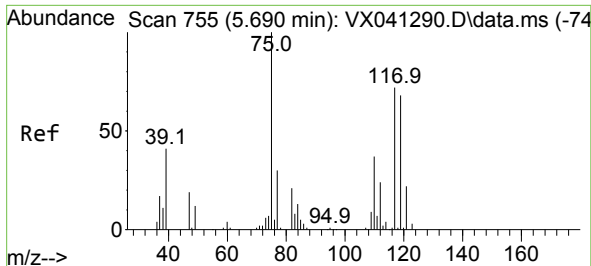
Tgt Ion:114 Resp: 285419
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.372 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

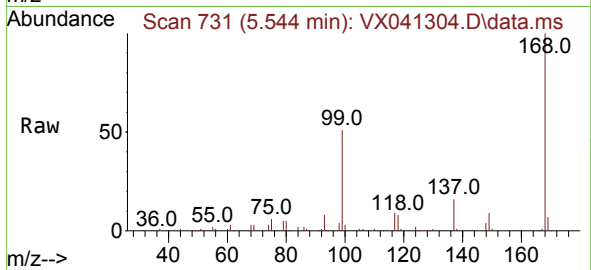
Tgt Ion:113 Resp: 87759
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 25.3 13.3 19.9#



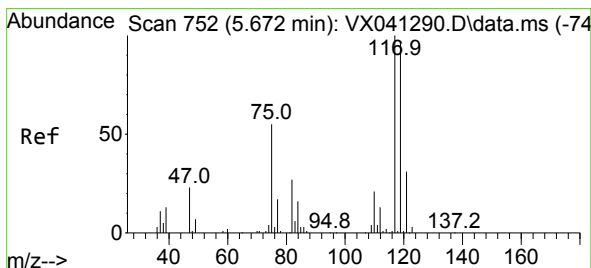
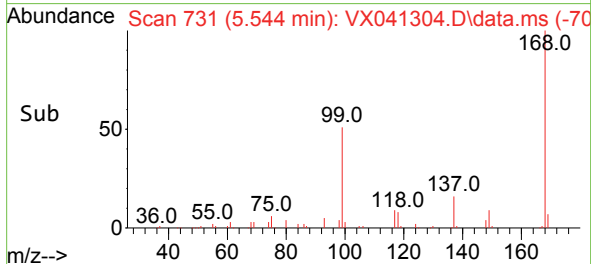
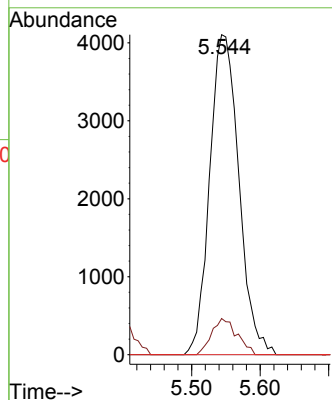


#36
1,1-Dichloropropene
Concen: 5.246 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

Instrument :
MSVOA_X
ClientSampleId :

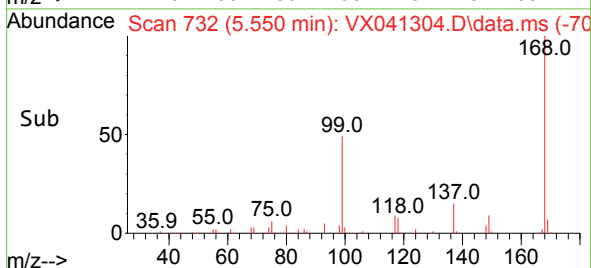
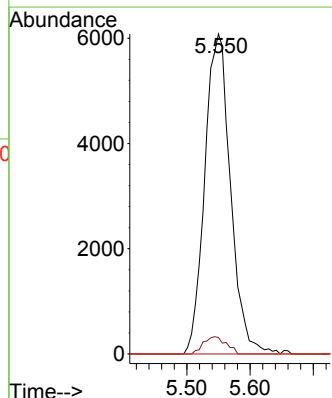
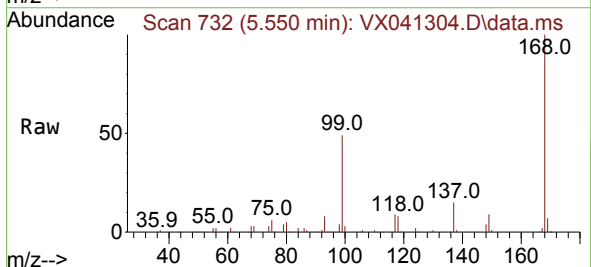


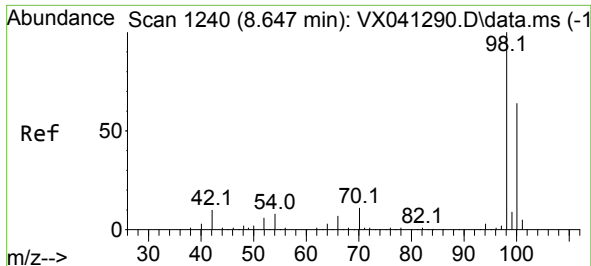
Tgt Ion: 75 Resp: 12134
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.490 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

Tgt Ion: 117 Resp: 17196
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

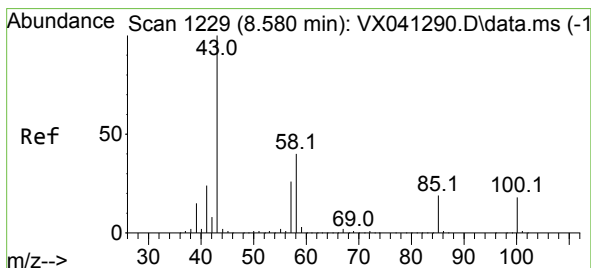
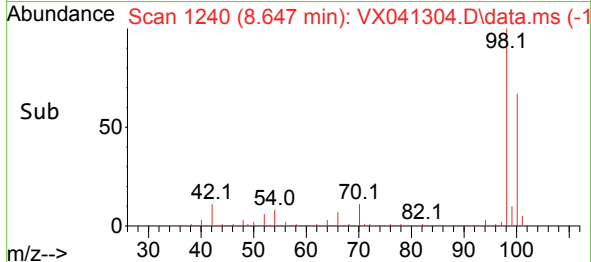
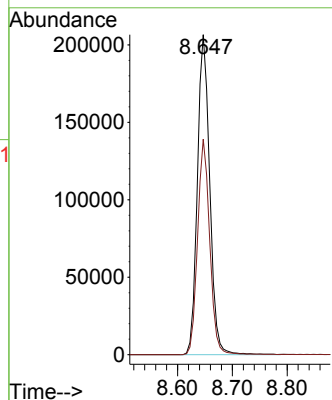
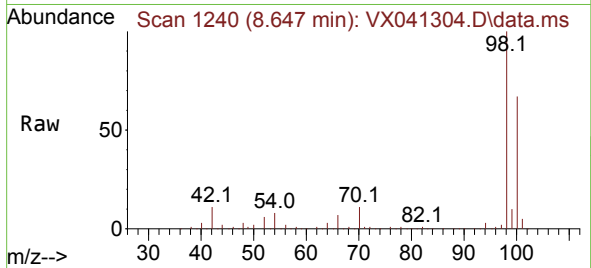




#50
Toluene-d8
Concen: 52.965 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

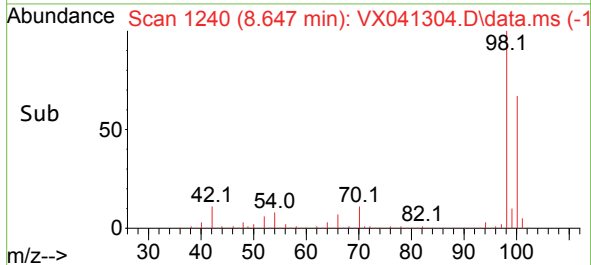
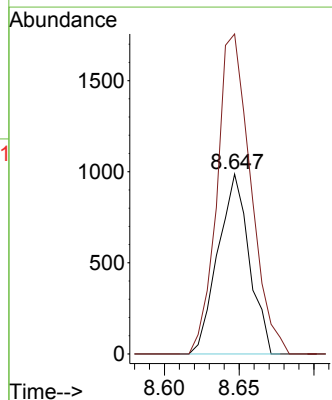
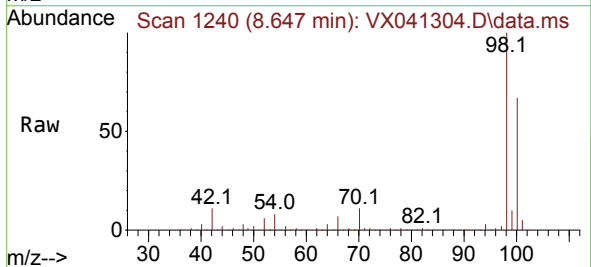
Instrument :
MSVOA_X
ClientSampleId :

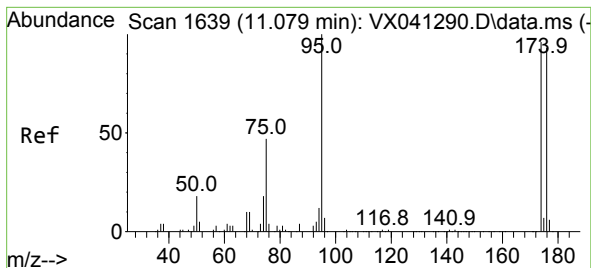
Tgt Ion: 98 Resp: 324247
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.552 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

Tgt Ion: 43 Resp: 1438
Ion Ratio Lower Upper
43 100
58 191.1 30.4 45.6#

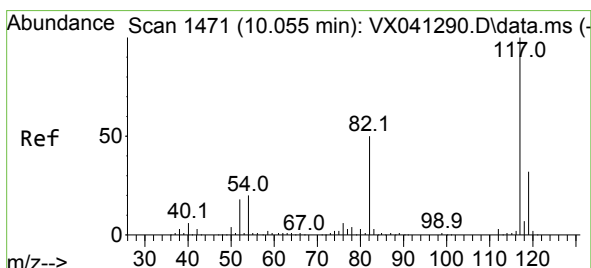
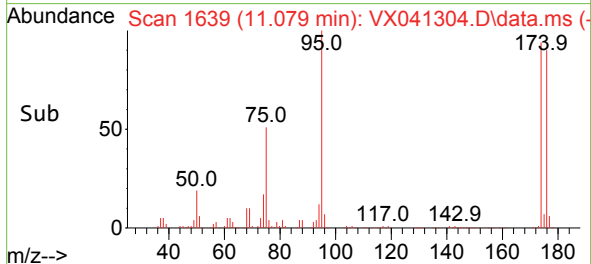
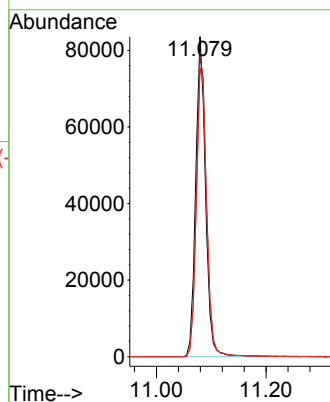
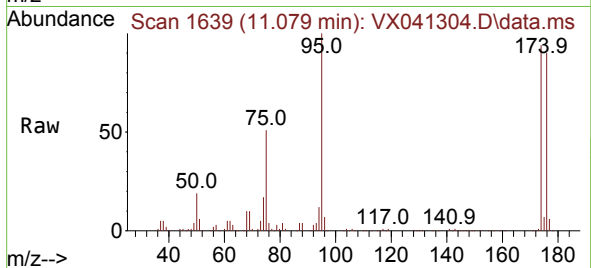




#62
4-Bromofluorobenzene
Concen: 44.199 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

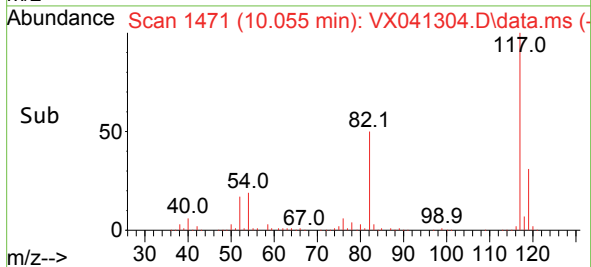
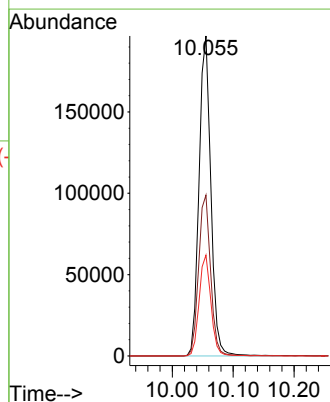
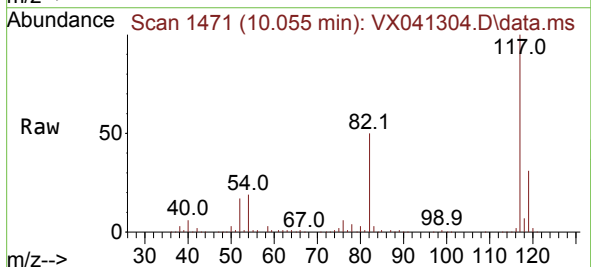
Instrument :
MSVOA_X
ClientSampleId :

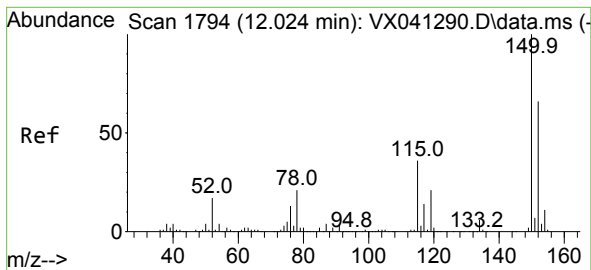
Tgt Ion: 95 Resp: 104745
Ion Ratio Lower Upper
95 100
174 97.2 0.0 135.6
176 94.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041304.D
Acq: 30 Apr 2024 17:03

Tgt Ion: 117 Resp: 264374
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 31.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041304.D

Acq: 30 Apr 2024 17:03

Instrument :

MSVOA_X

ClientSampleId :

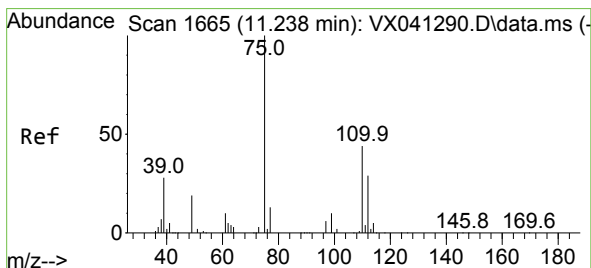
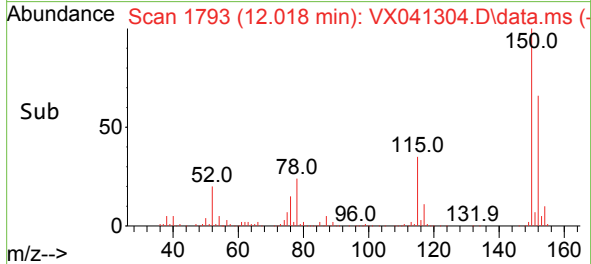
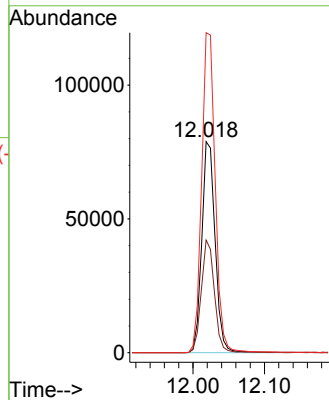
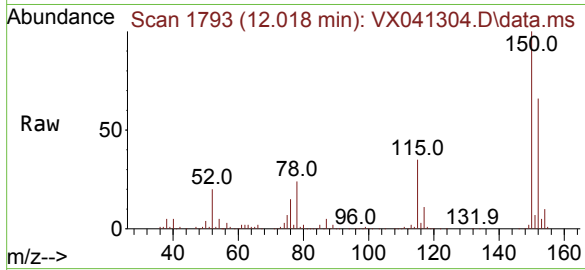
Tgt Ion:152 Resp: 102304

Ion Ratio Lower Upper

152 100

115 52.5 43.3 129.9

150 154.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 31.367 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041304.D

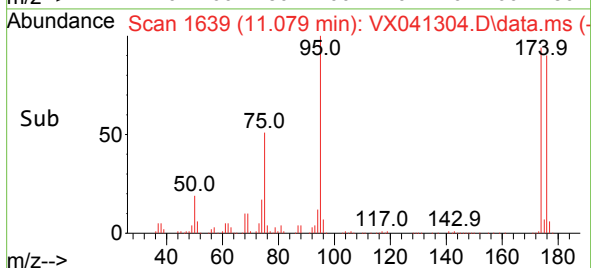
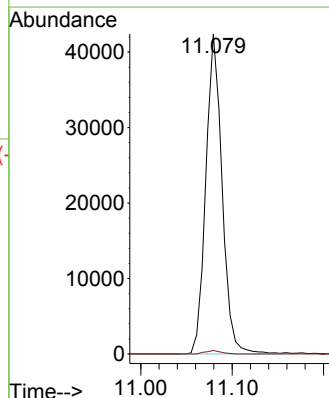
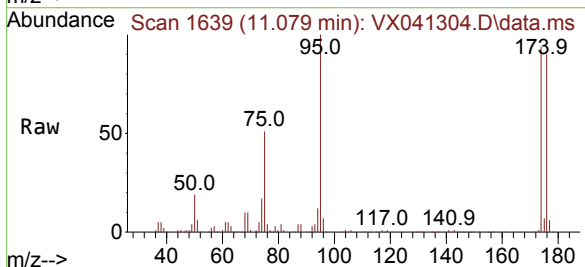
Acq: 30 Apr 2024 17:03

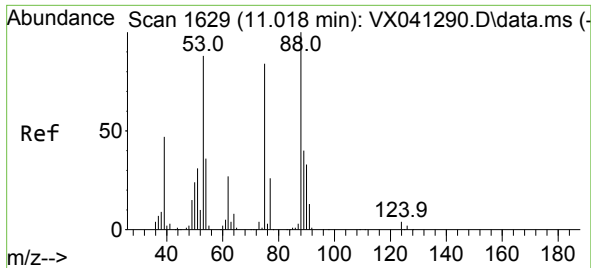
Tgt Ion: 75 Resp: 52296

Ion Ratio Lower Upper

75 100

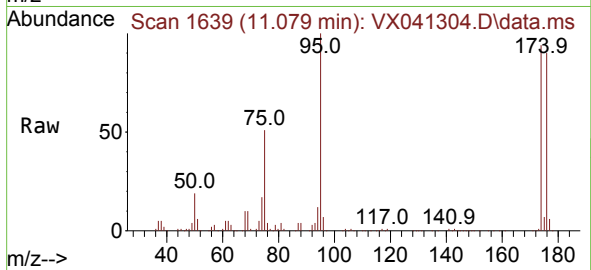
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.440 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041304.D
 Acq: 30 Apr 2024 17:03

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52296
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

