

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041459.D
 Acq On : 10 May 2024 15:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 11 01:35:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

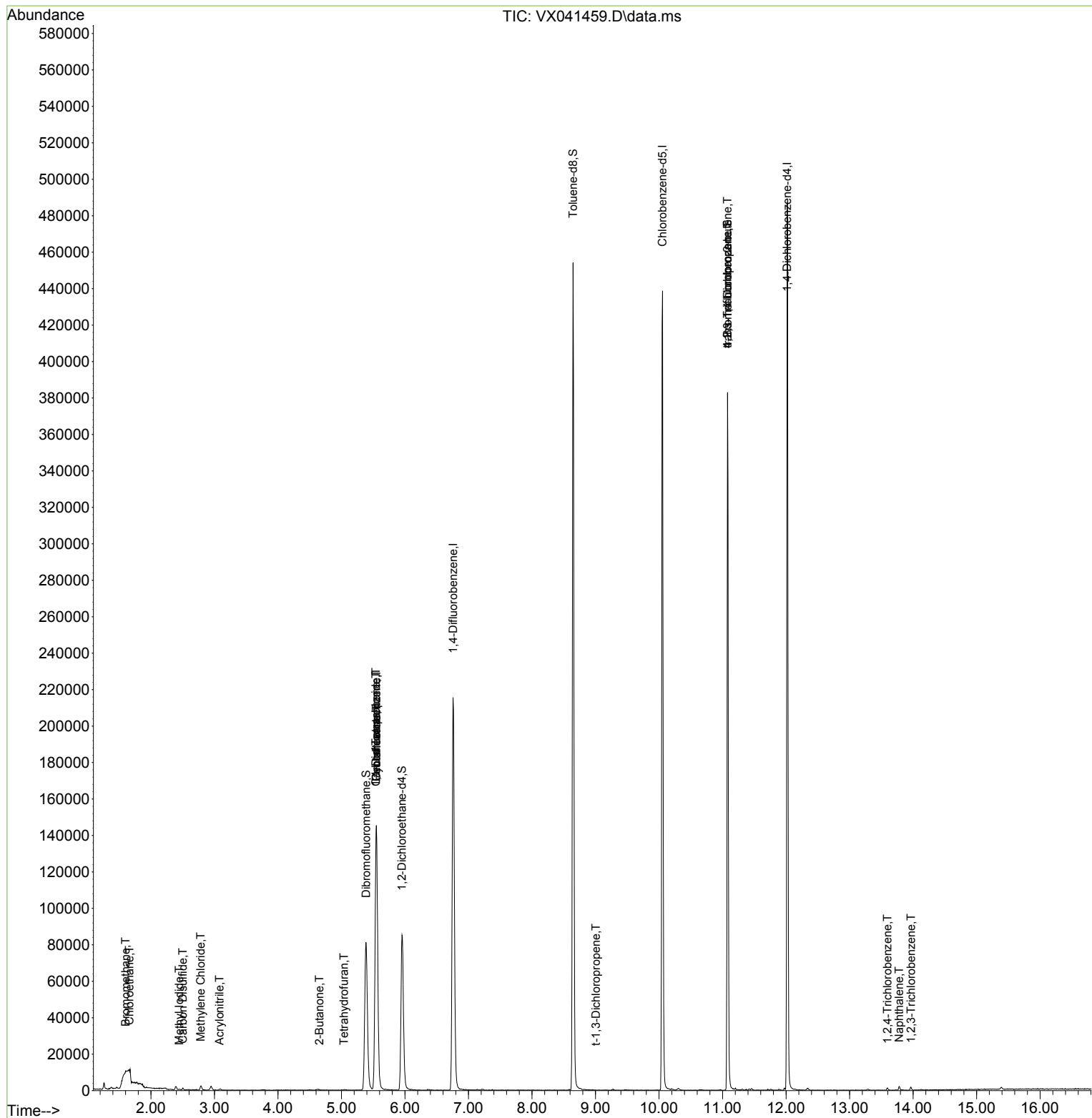
Internal Standards						
1) Pentafluorobenzene	5.549	168	155666	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	229774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	110962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86488	51.036	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	102.080%	
35) Dibromofluoromethane	5.385	113	70910	45.539	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	91.080%	
50) Toluene-d8	8.646	98	268006	54.380	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	108.760%	
62) 4-Bromofluorobenzene	11.079	95	93105	48.802	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	97.600%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	690	0.872	ug/l	86
6) Chloroethane	1.660	64	214	0.365	ug/l #	81
10) Methyl Iodide	2.446	142	375	0.285	ug/l #	60
15) Acrylonitrile	3.080	53	332	0.429	ug/l #	42
16) Acetone	2.385	43	2113	Below Cal	#	86
17) Carbon Disulfide	2.501	76	957	0.337	ug/l	99
20) Methylene Chloride	2.782	84	1179	0.801	ug/l #	90
25) 2-Butanone	4.653	43	230	0.210	ug/l #	51
29) Tetrahydrofuran	5.037	42	266	0.371	ug/l #	40
31) Cyclohexane	5.549	56	2755	1.347	ug/l #	21
36) 1,1-Dichloropropene	5.543	75	9912	5.324	ug/l #	50
38) Carbon Tetrachloride	5.543	117	13811	6.475	ug/l #	15
53) t-1,3-Dichloropropene	9.006	75	65	2.471	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	48620	26.887	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	48620	73.236	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	567	0.221	ug/l #	86
95) Naphthalene	13.780	128	2109	0.277	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.969	180	727	0.277	ug/l	86

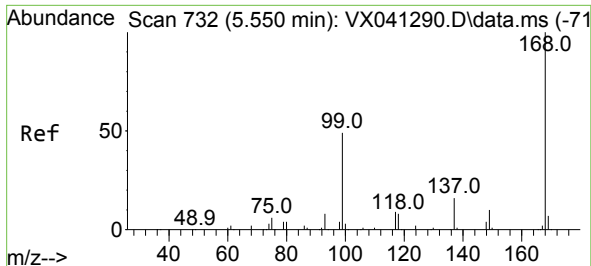
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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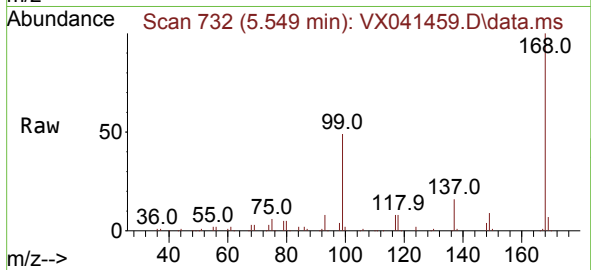
Quant Time: May 11 01:35:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



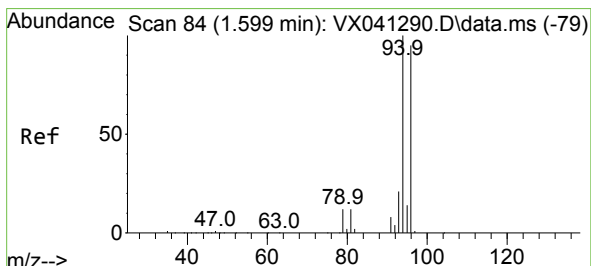
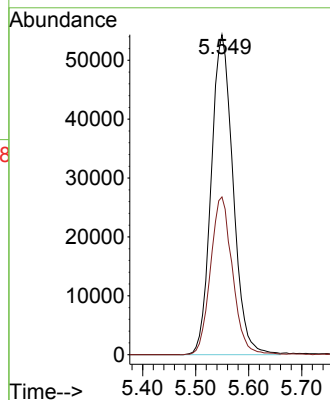
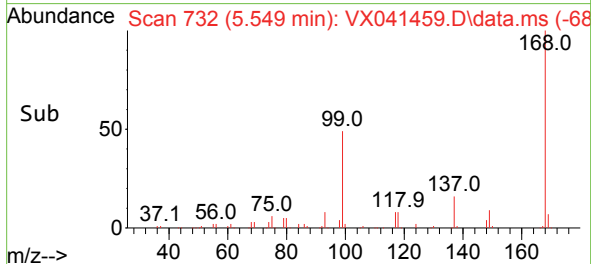


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

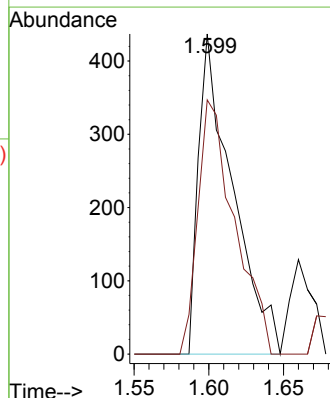
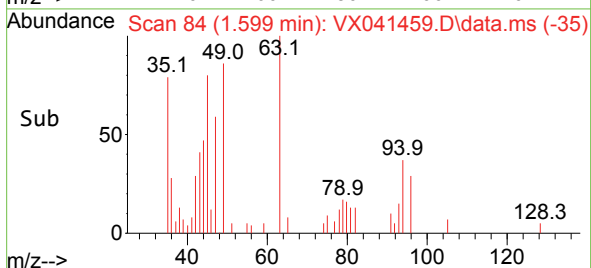
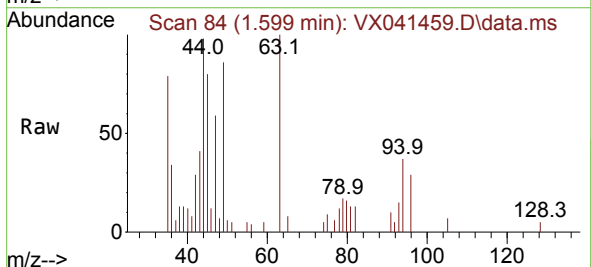


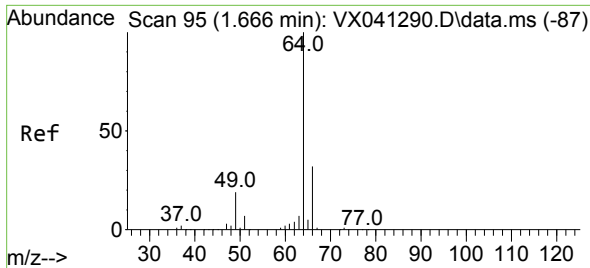
Tgt Ion:168 Resp: 155666
Ion Ratio Lower Upper
168 100
99 49.3 56.6 85.0#



#5
Bromomethane
Concen: 0.872 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

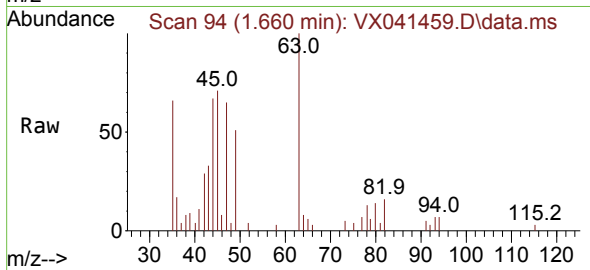
Tgt Ion: 94 Resp: 690
Ion Ratio Lower Upper
94 100
96 79.4 74.6 111.8



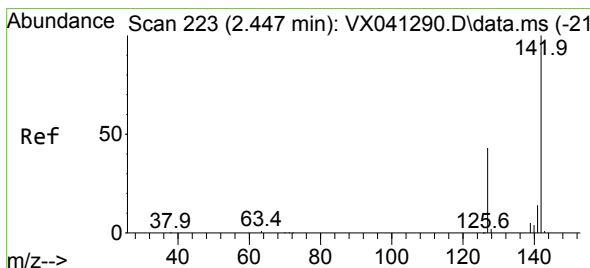
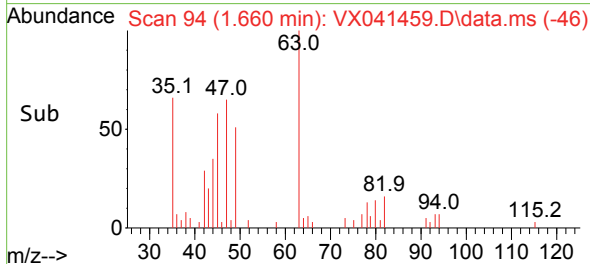
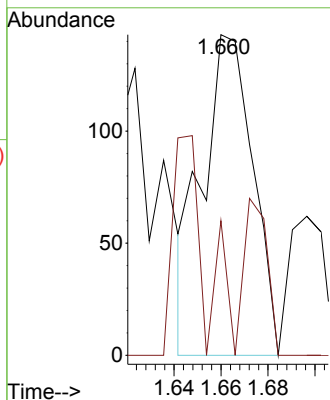


#6
Chloroethane
Concen: 0.365 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

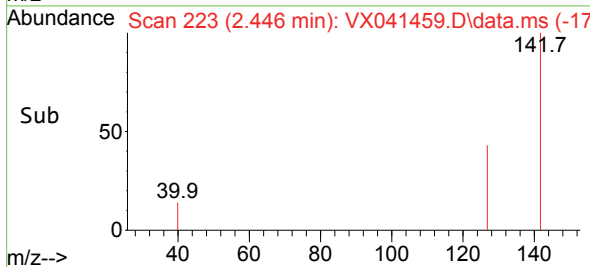
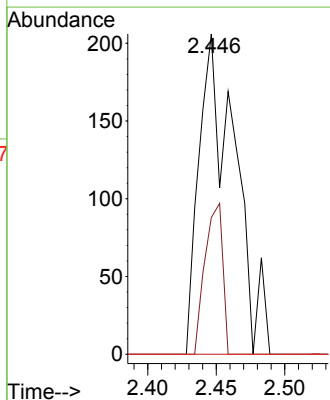
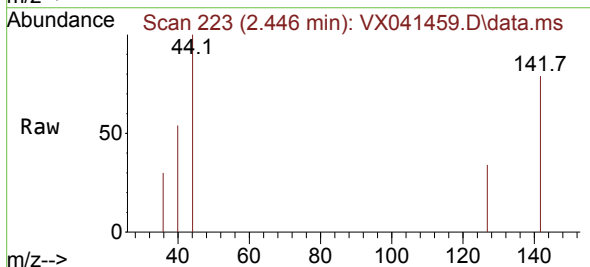


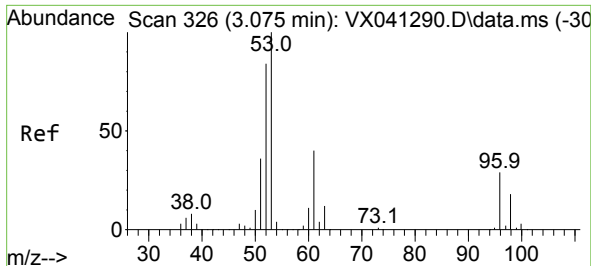
Tgt Ion: 64 Resp: 214
Ion Ratio Lower Upper
64 100
66 42.0 25.1 37.7#



#10
Methyl Iodide
Concen: 0.285 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.001 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

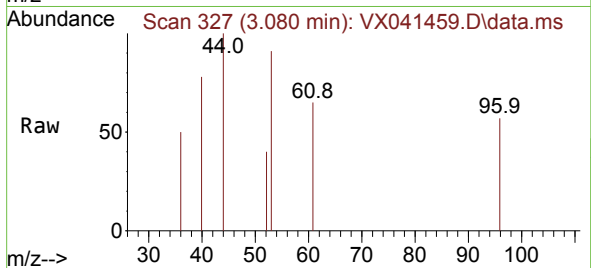
Tgt Ion: 142 Resp: 375
Ion Ratio Lower Upper
142 100
127 23.2 41.6 62.4#
141 0.0 11.6 17.4#



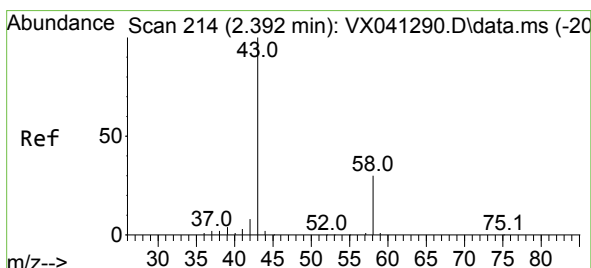
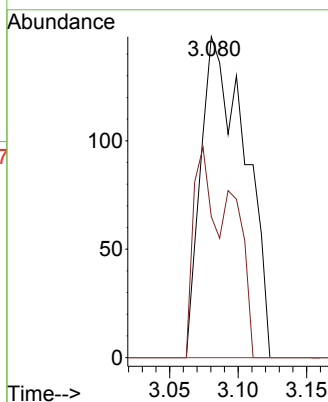
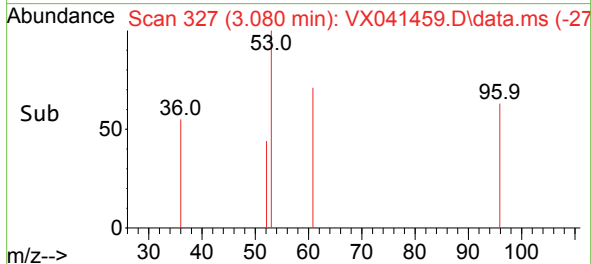


#15
Acrylonitrile
Concen: 0.429 ug/l
RT: 3.080 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

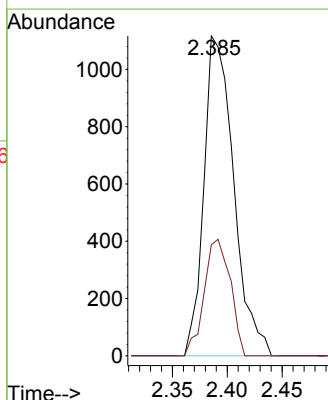
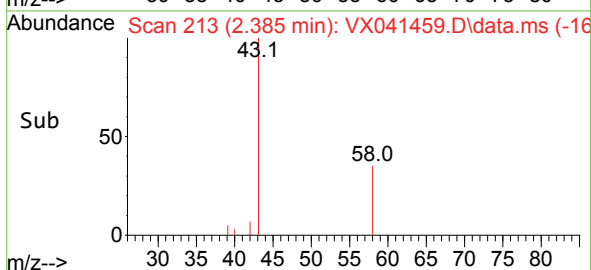
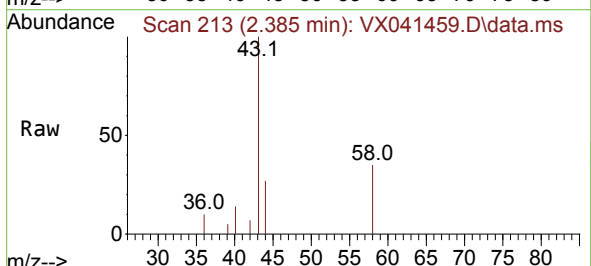


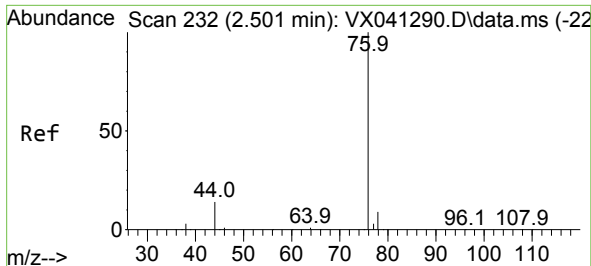
Tgt Ion: 53 Resp: 332
Ion Ratio Lower Upper
53 100
52 32.8 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: Below Cal
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

Tgt Ion: 43 Resp: 2113
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.337 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041459.D

Acq: 10 May 2024 15:25

Instrument :

MSVOA_X

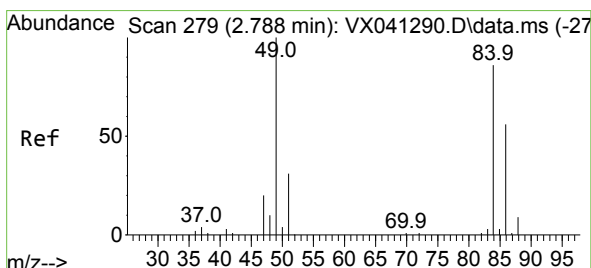
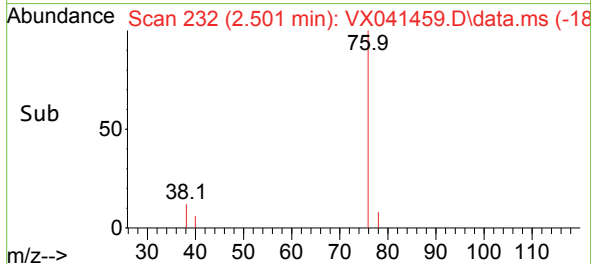
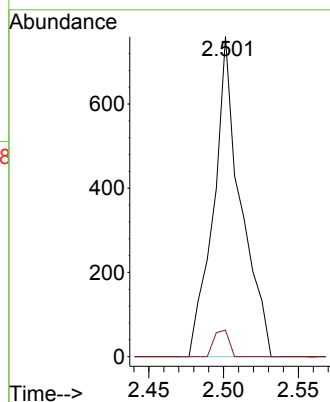
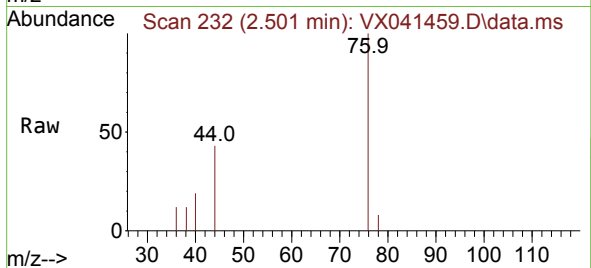
ClientSampleId :

Tgt Ion: 76 Resp: 957

Ion Ratio Lower Upper

76 100

78 8.3 7.0 10.6



#20

Methylene Chloride

Concen: 0.801 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041459.D

Acq: 10 May 2024 15:25

Tgt Ion: 84 Resp: 1179

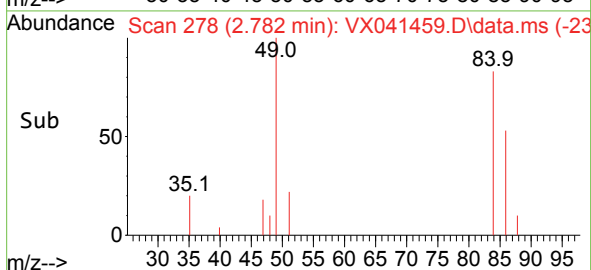
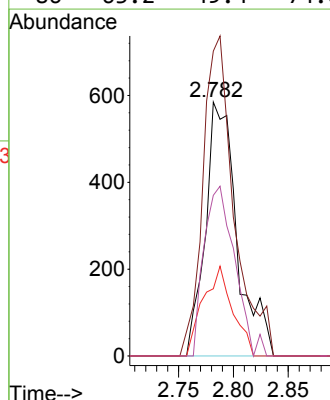
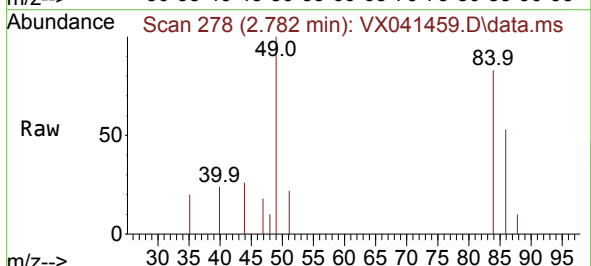
Ion Ratio Lower Upper

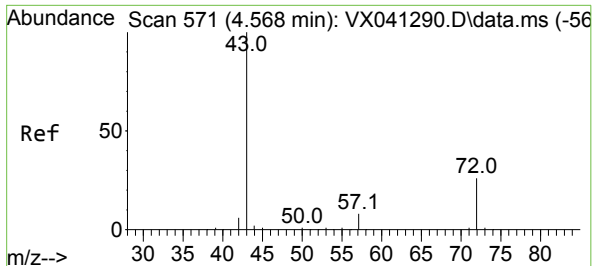
84 100

49 120.0 103.6 155.4

51 26.5 33.8 50.6#

86 63.2 49.4 74.0





#25

2-Butanone

Concen: 0.210 ug/l

RT: 4.653 min Scan# 51

Delta R.T. 0.085 min

Lab File: VX041459.D

Acq: 10 May 2024 15:25

Instrument :

MSVOA_X

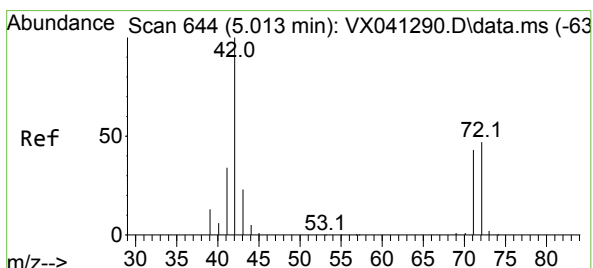
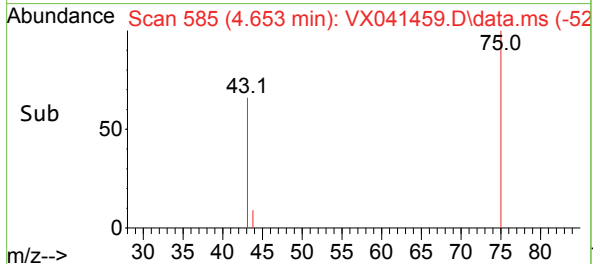
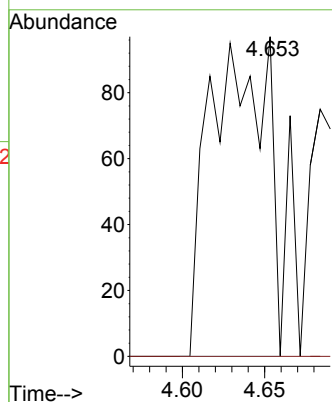
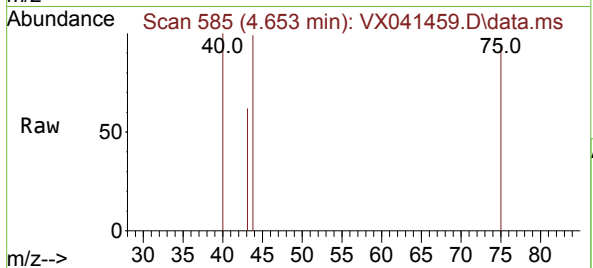
ClientSampleId :

Tgt Ion: 43 Resp: 230

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.371 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.024 min

Lab File: VX041459.D

Acq: 10 May 2024 15:25

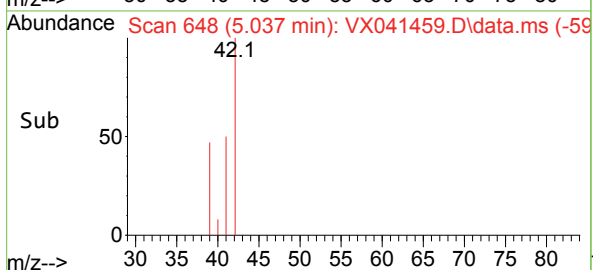
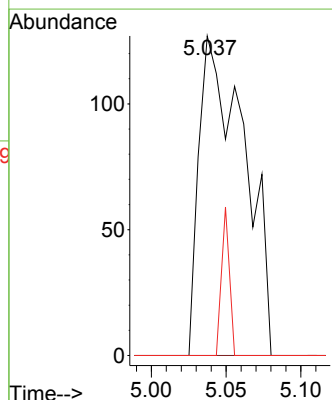
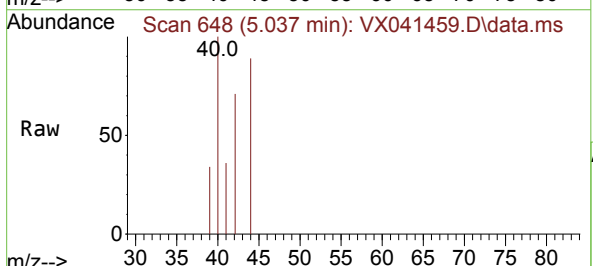
Tgt Ion: 42 Resp: 266

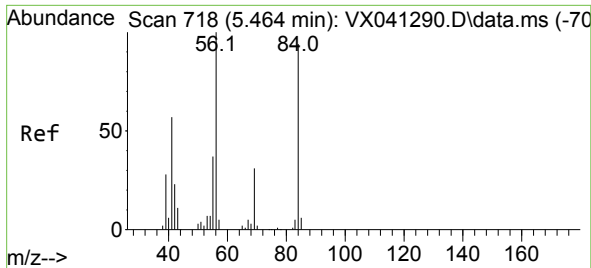
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

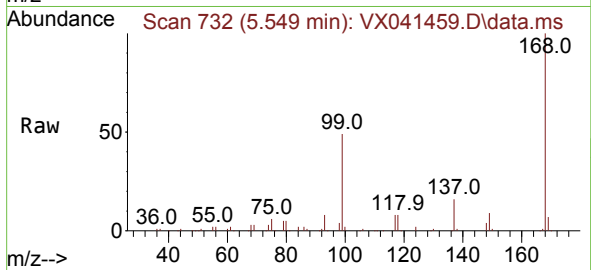
71 8.3 32.2 48.2#



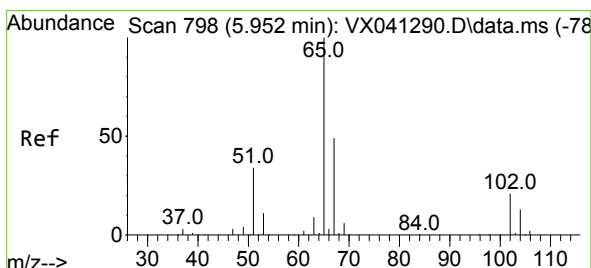
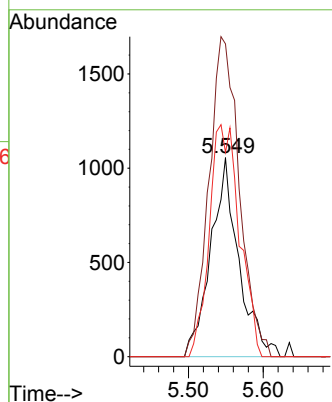
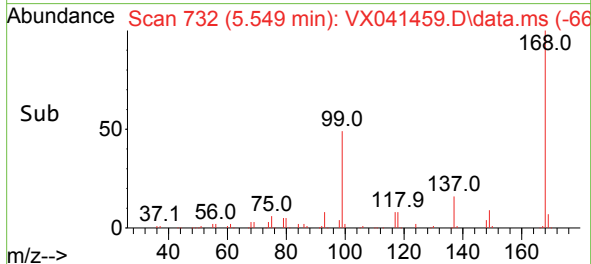


#31
Cyclohexane
Concen: 1.347 ug/l
RT: 5.549 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

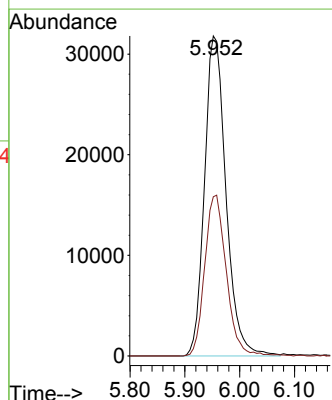
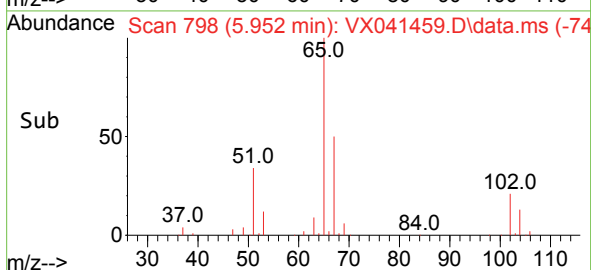
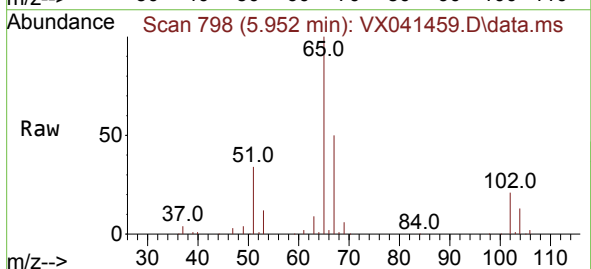


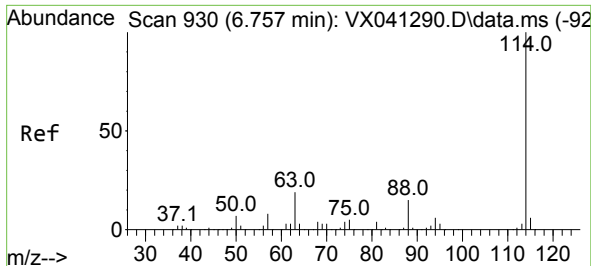
Tgt Ion: 56 Resp: 2755
Ion Ratio Lower Upper
56 100
69 157.2 23.4 35.2#
84 102.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.036 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

Tgt Ion: 65 Resp: 86488
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

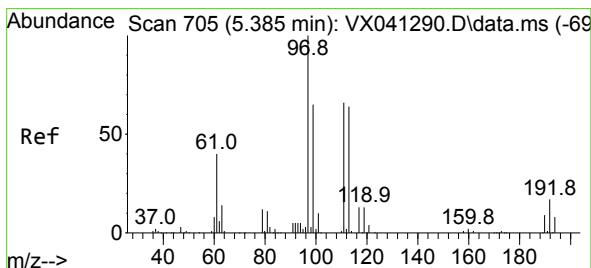
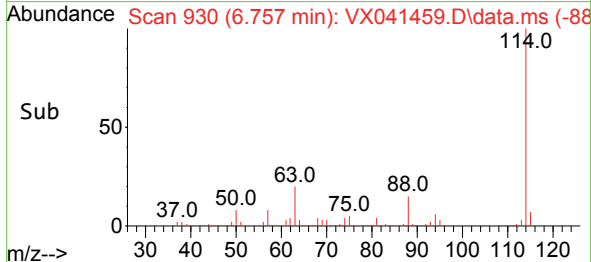
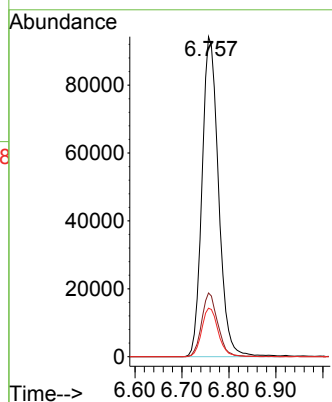
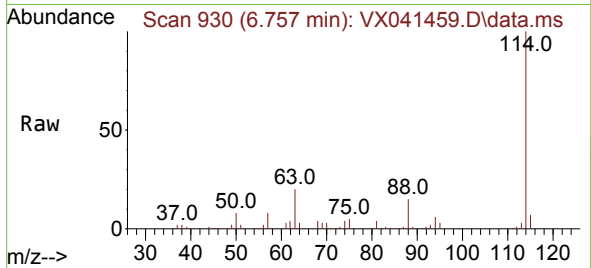




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

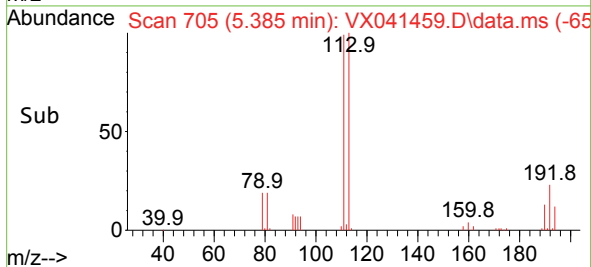
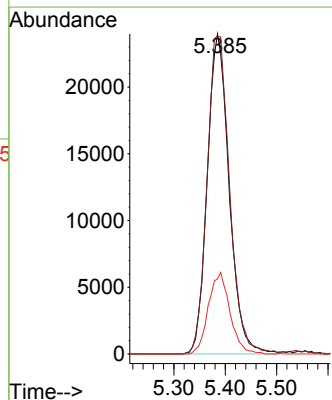
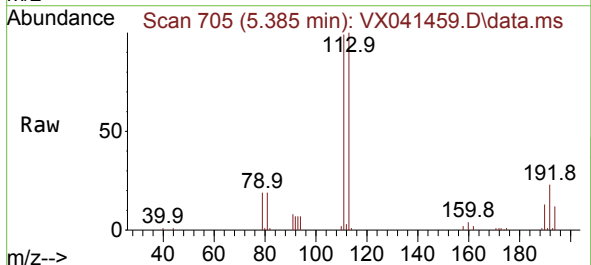
Instrument :
MSVOA_X
ClientSampleId :

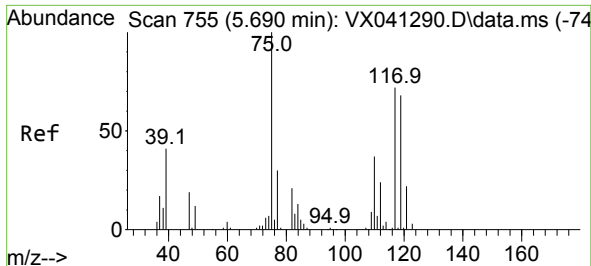
Tgt Ion:114 Resp: 229774
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.539 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

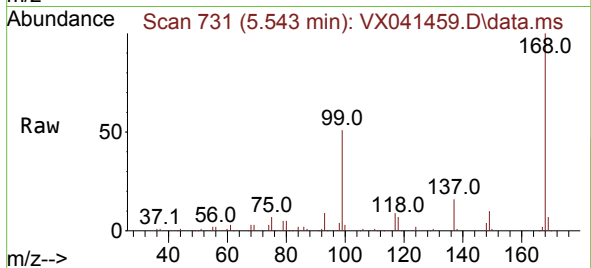
Tgt Ion:113 Resp: 70910
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 25.1 13.3 19.9#



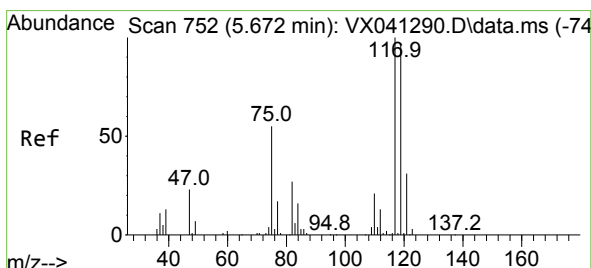
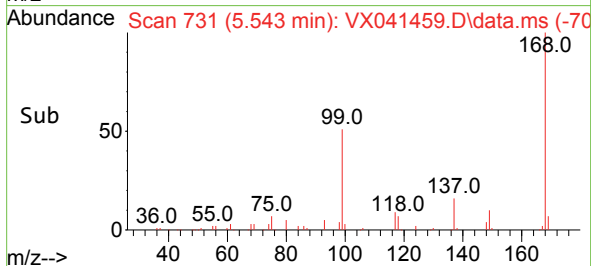
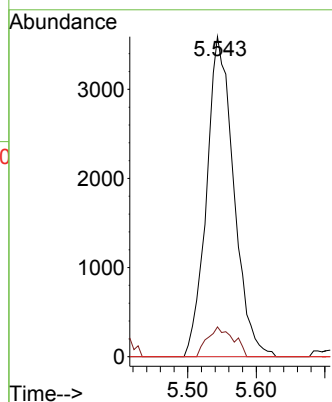


#36
1,1-Dichloropropene
Concen: 5.324 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

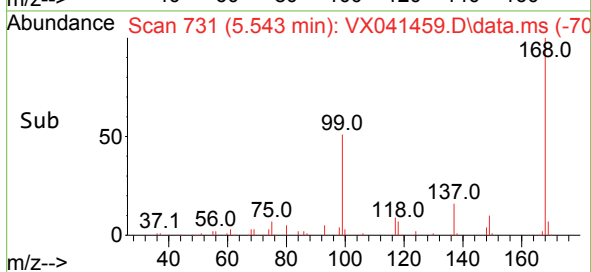
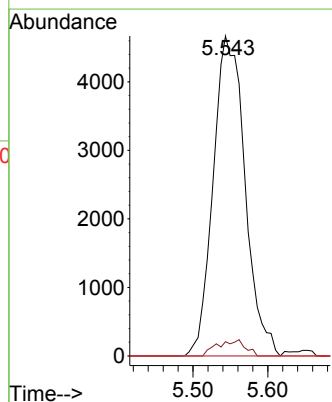
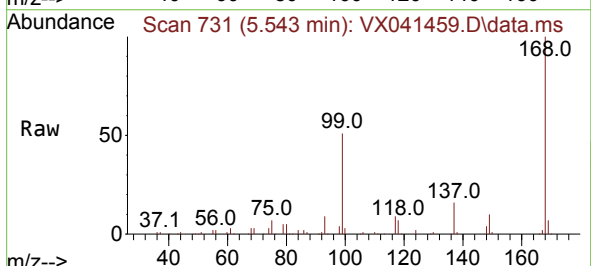


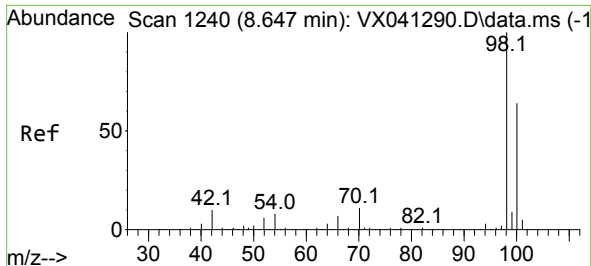
Tgt Ion: 75 Resp: 9912
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.475 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

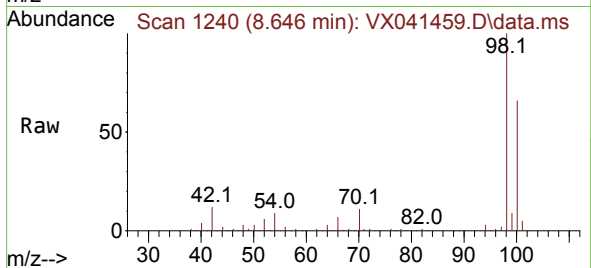
Tgt Ion: 117 Resp: 13811
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



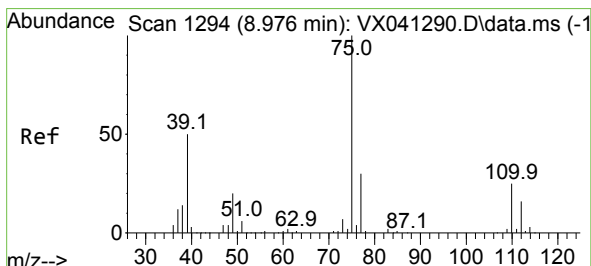
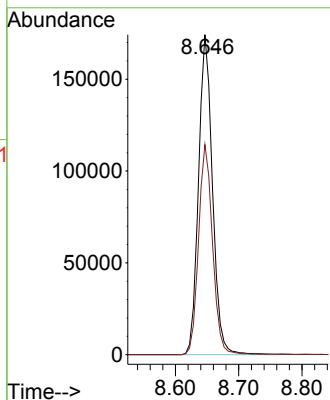
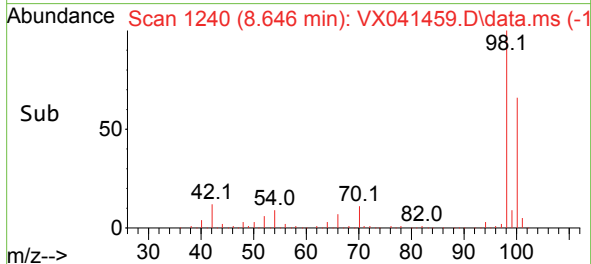


#50
Toluene-d8
Concen: 54.380 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

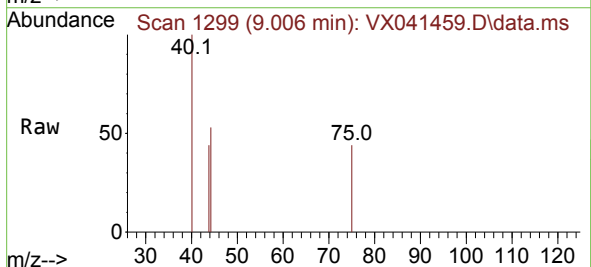
Instrument :
MSVOA_X
ClientSampleId :



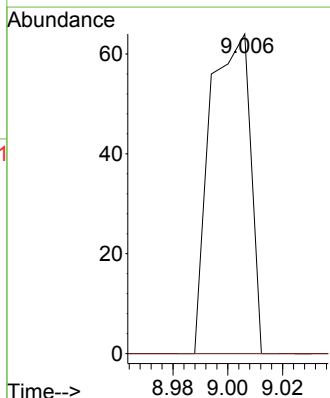
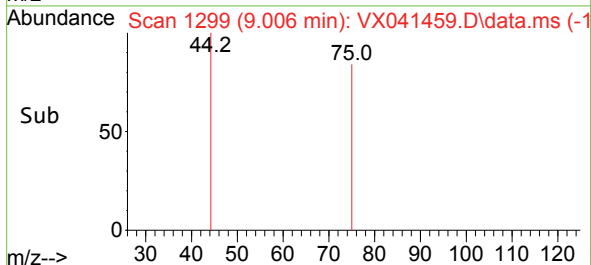
Tgt Ion: 98 Resp: 268006
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

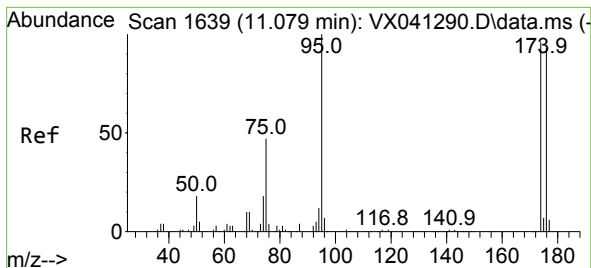


#53
t-1,3-Dichloropropene
Concen: 2.471 ug/l
RT: 9.006 min Scan# 1299
Delta R.T. 0.030 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25



Tgt Ion: 75 Resp: 65
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

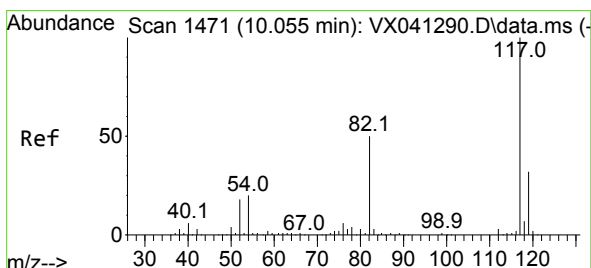
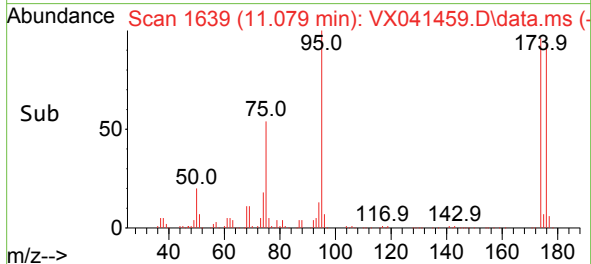
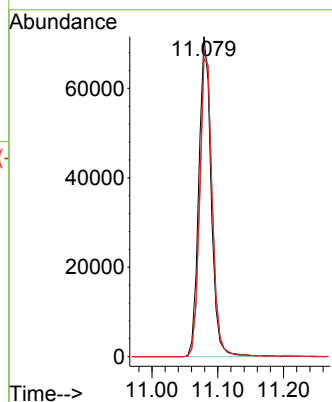
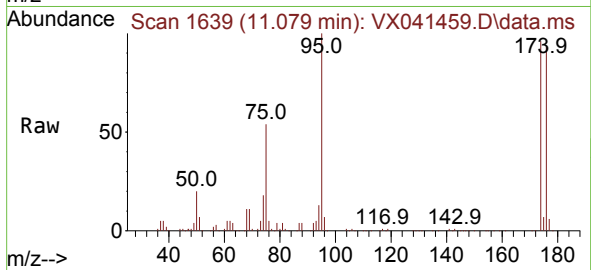




#62
4-Bromofluorobenzene
Concen: 48.802 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

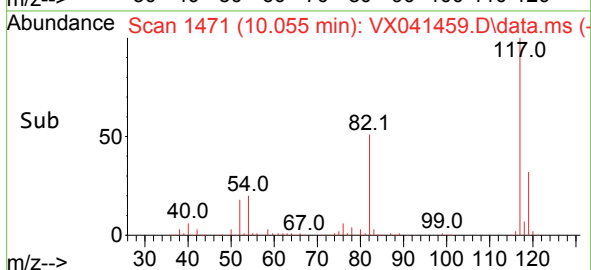
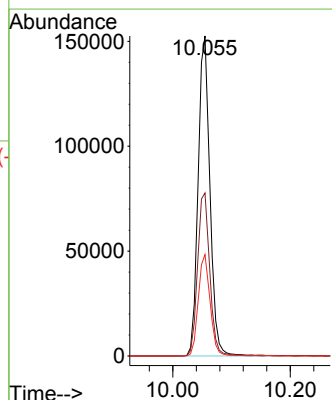
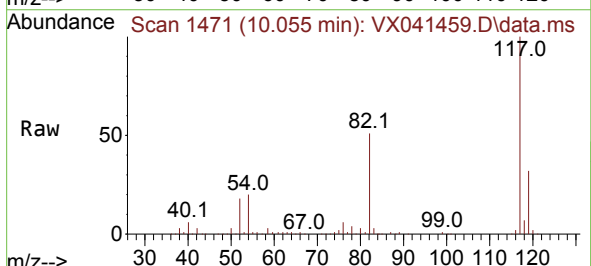
Instrument :
MSVOA_X
ClientSampleId :

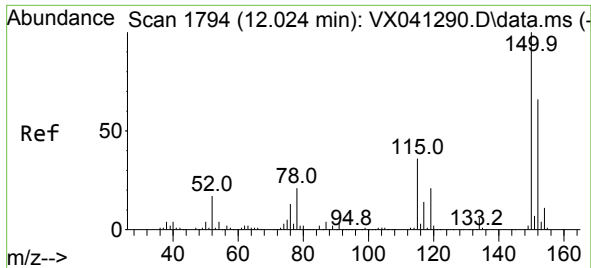
Tgt Ion: 95 Resp: 93105
Ion Ratio Lower Upper
95 100
174 97.5 0.0 135.6
176 94.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

Tgt Ion: 117 Resp: 213206
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 31.7 25.5 38.3

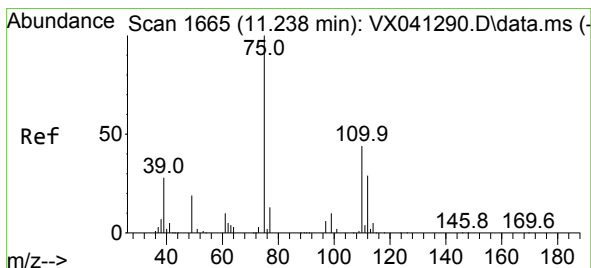
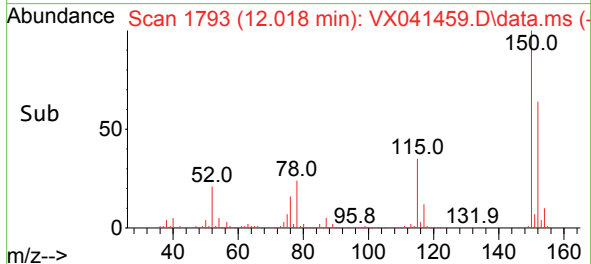
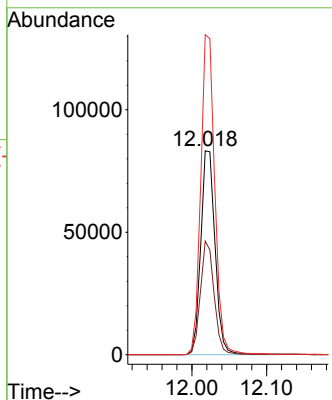
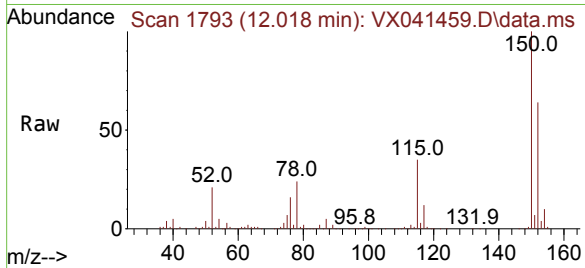




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX041459.D
 Acq: 10 May 2024 15:25

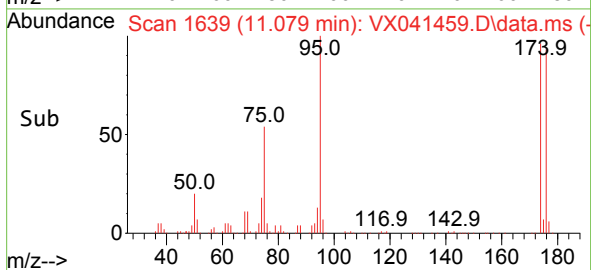
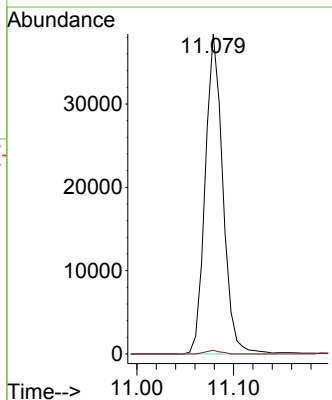
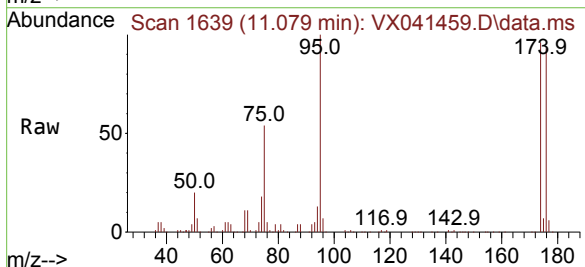
Instrument :
 MSVOA_X
 ClientSampleId :

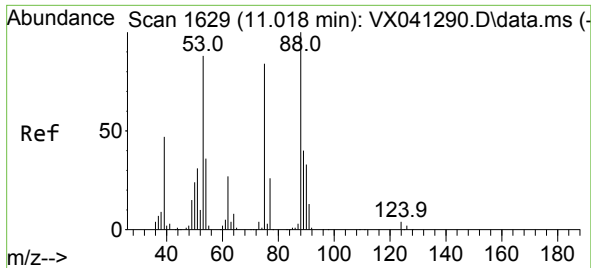
Tgt Ion:152 Resp: 110962
 Ion Ratio Lower Upper
 152 100
 115 53.5 43.3 129.9
 150 153.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.887 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX041459.D
 Acq: 10 May 2024 15:25

Tgt Ion: 75 Resp: 48620
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

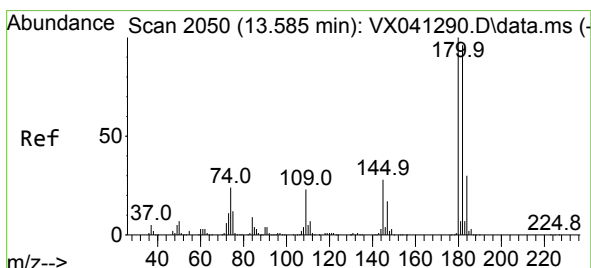
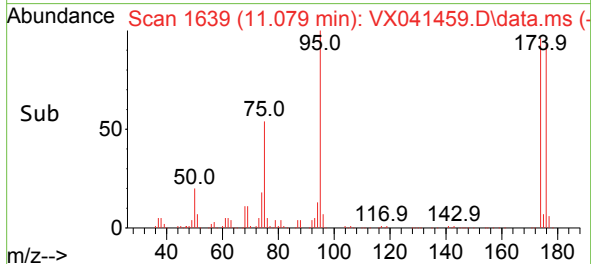
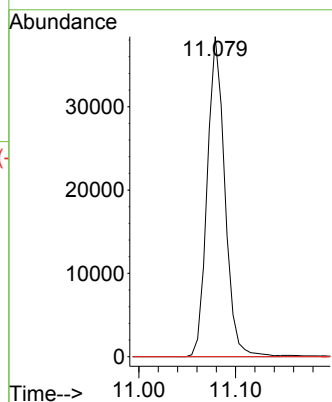
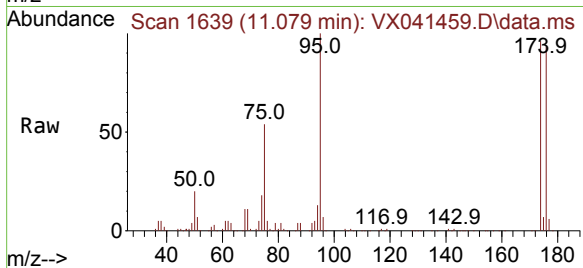




#81
trans-1,4-Dichloro-2-butene
Concen: 73.236 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

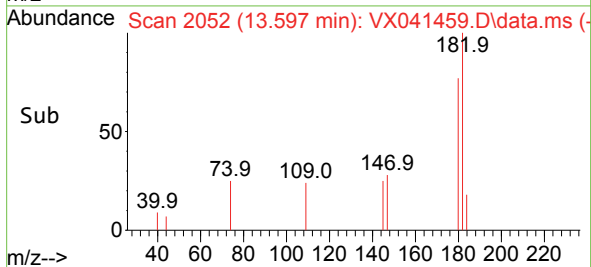
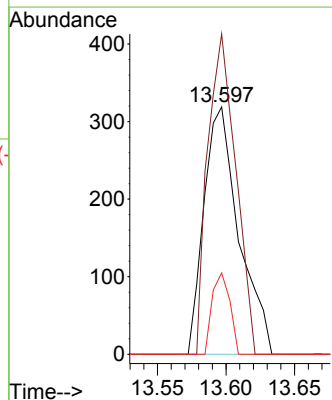
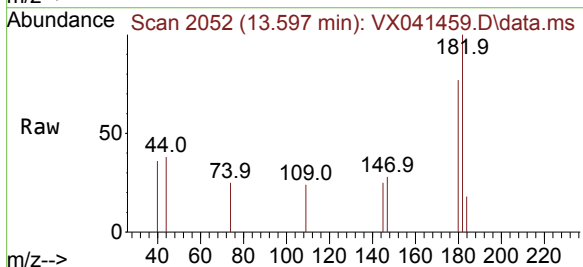
Instrument :
MSVOA_X
ClientSampleId :

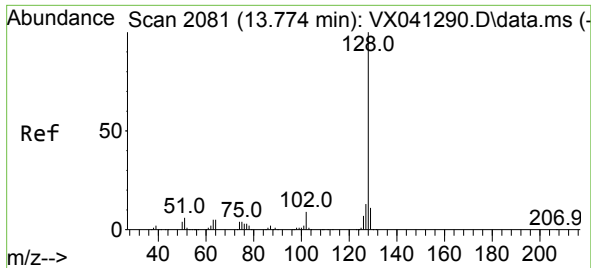
Tgt Ion: 75 Resp: 48620
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.221 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

Tgt Ion:180 Resp: 567
Ion Ratio Lower Upper
180 100
182 103.7 48.3 144.8
145 16.6 18.0 54.0#

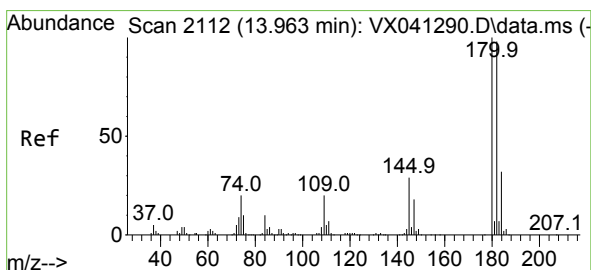
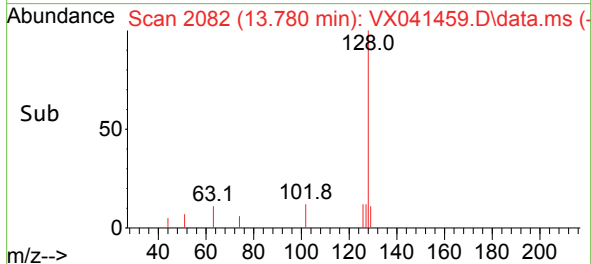
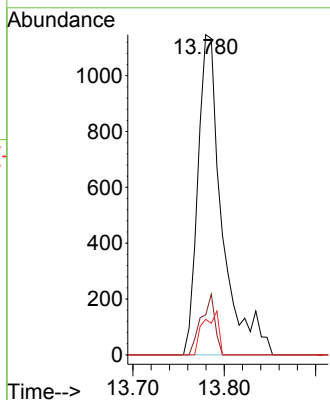
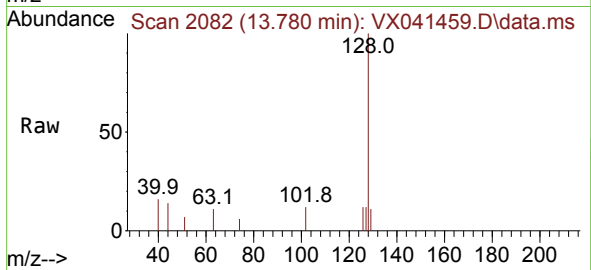




#95
Naphthalene
Concen: 0.277 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.3	15.5
129	8.6	8.8	13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.277 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX041459.D
Acq: 10 May 2024 15:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	82.7	46.9	140.6
145	23.5	17.8	53.5

