

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042924\
 Data File : VX041270.D
 Acq On : 29 Apr 2024 12:16
 Operator : JC/MD
 Sample : VX0429WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 02:06:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

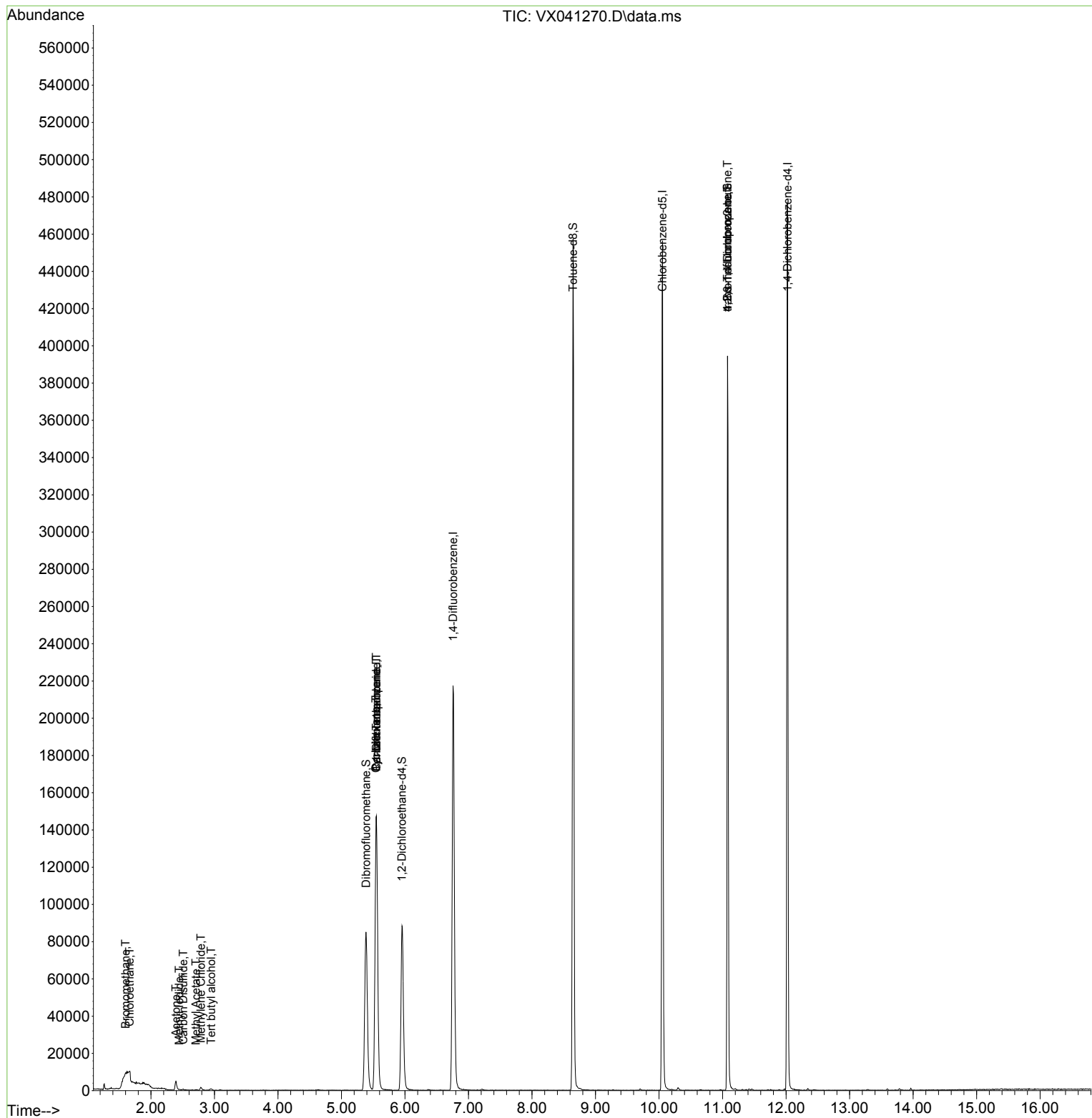
Internal Standards						
1) Pentafluorobenzene	5.550	168	159126	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	229811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87582	57.819	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.640%	
35) Dibromofluoromethane	5.385	113	72998	52.219	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.440%	
50) Toluene-d8	8.647	98	265425	56.277	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 112.560%#	
62) 4-Bromofluorobenzene	11.079	95	95081	54.619	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.240%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	724	0.944	ug/l	93
6) Chloroethane	1.666	64	225	0.435	ug/l	# 55
10) Methyl Iodide	2.447	142	453	0.302	ug/l	# 73
11) Tert butyl alcohol	2.947	59	517	1.905	ug/l	# 78
16) Acetone	2.392	43	5779	10.481	ug/l	99
17) Carbon Disulfide	2.508	76	624	0.258	ug/l	# 76
18) Methyl Acetate	2.709	43	431	0.264	ug/l	# 64
20) Methylene Chloride	2.788	84	840	0.624	ug/l	96
31) Cyclohexane	5.544	56	2947	1.446	ug/l	# 21
36) 1,1-Dichloropropene	5.550	75	10111	5.653	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	13854	6.935	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	49046	27.989	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	49046	78.965	ug/l	# 5

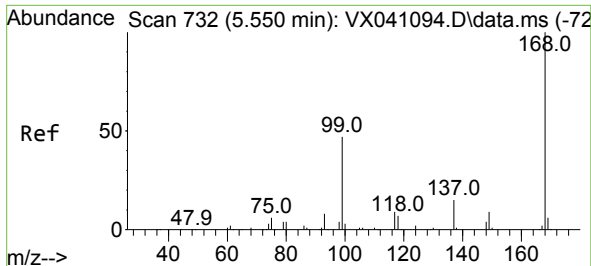
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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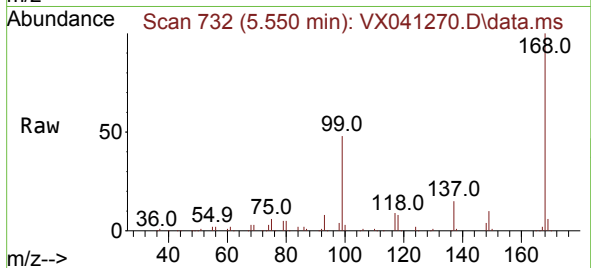
Quant Time: Apr 30 02:06:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



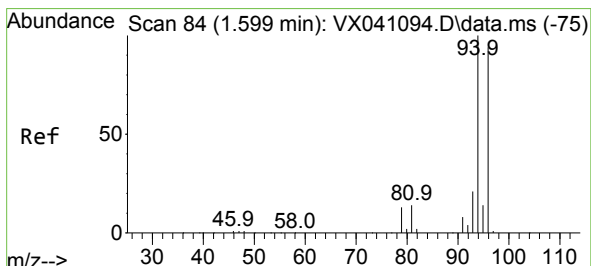
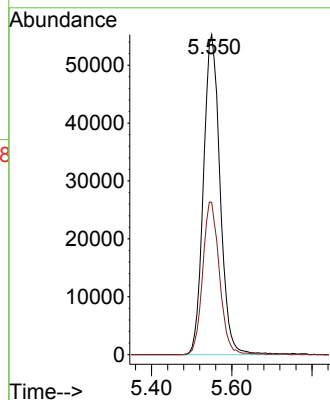
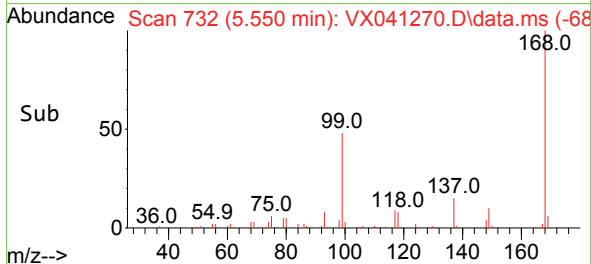


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

Instrument :
MSVOA_X
ClientSampleId :

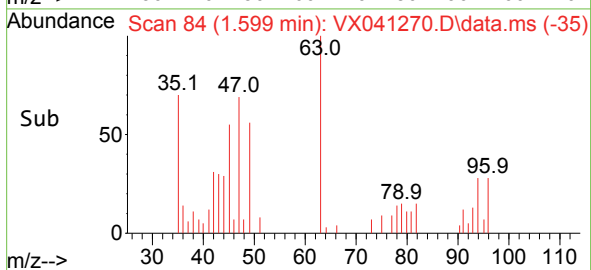
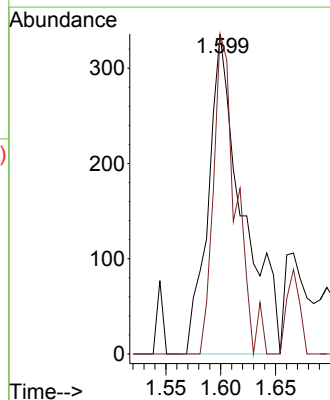
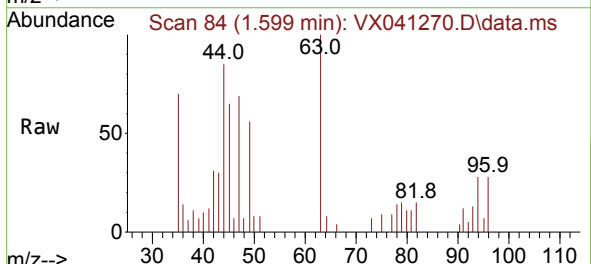


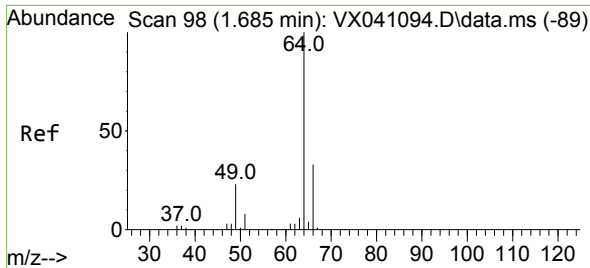
Tgt Ion:168 Resp: 159126
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#



#5
Bromomethane
Concen: 0.944 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

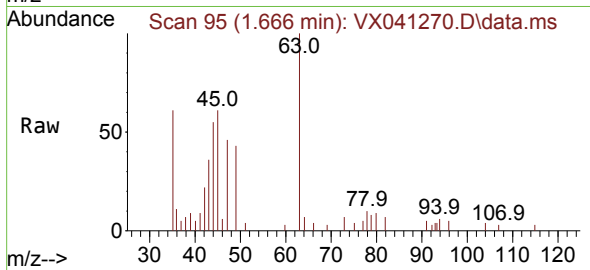
Tgt Ion: 94 Resp: 724
Ion Ratio Lower Upper
94 100
96 100.0 74.6 111.8



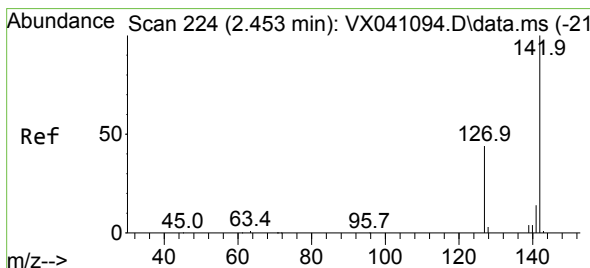
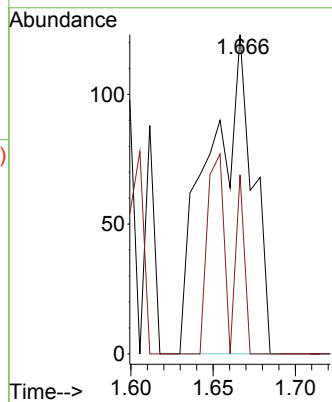
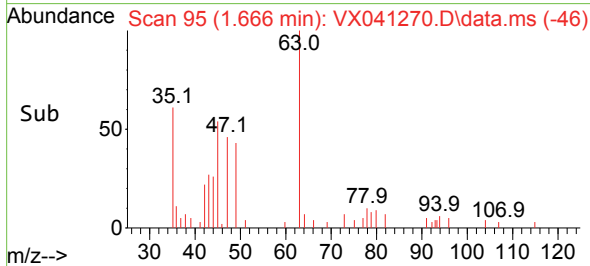


#6
Chloroethane
Concen: 0.435 ug/l
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

Instrument :
MSVOA_X
ClientSampleId :

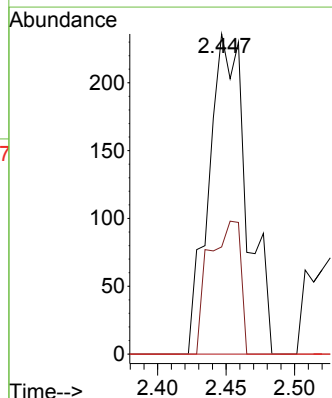
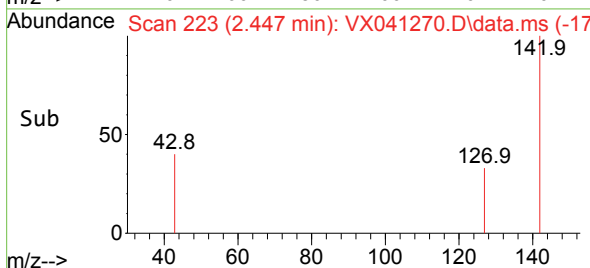
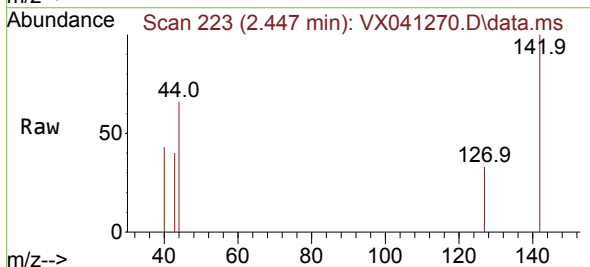


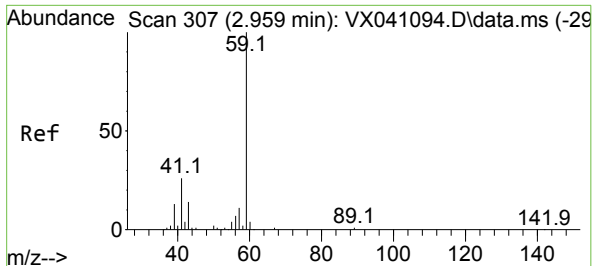
Tgt Ion: 64 Resp: 225
Ion Ratio Lower Upper
64 100
66 56.1 25.1 37.7#



#10
Methyl Iodide
Concen: 0.302 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

Tgt Ion: 142 Resp: 453
Ion Ratio Lower Upper
142 100
127 34.4 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 1.905 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.116 min

Lab File: VX041270.D

Acq: 29 Apr 2024 12:16

Instrument :

MSVOA_X

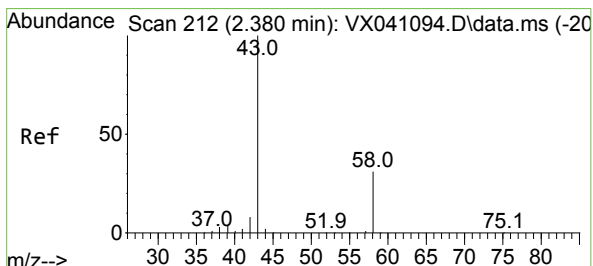
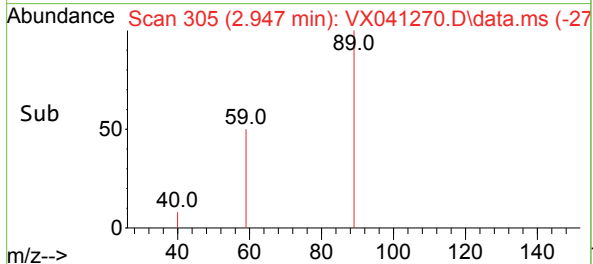
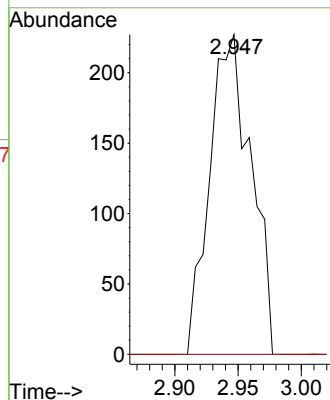
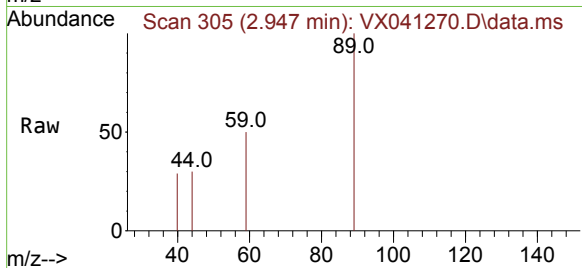
ClientSampleId :

Tgt Ion: 59 Resp: 517

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 10.481 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041270.D

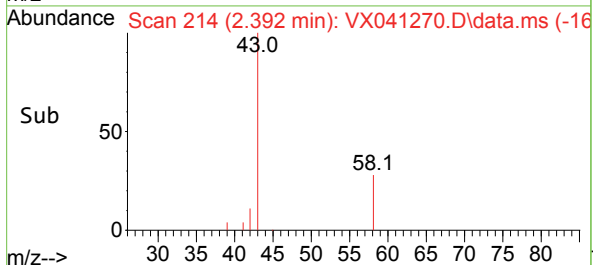
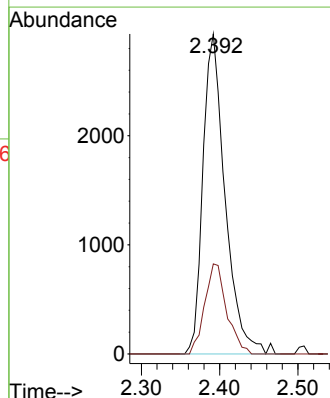
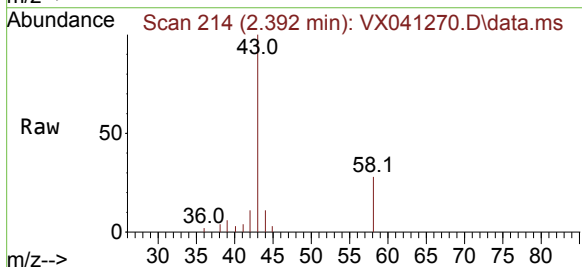
Acq: 29 Apr 2024 12:16

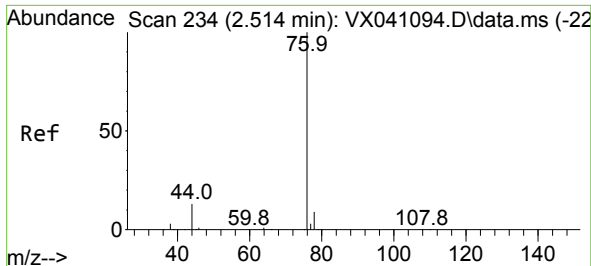
Tgt Ion: 43 Resp: 5779

Ion Ratio Lower Upper

43 100

58 28.1 21.9 32.9





#17

Carbon Disulfide

Concen: 0.258 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

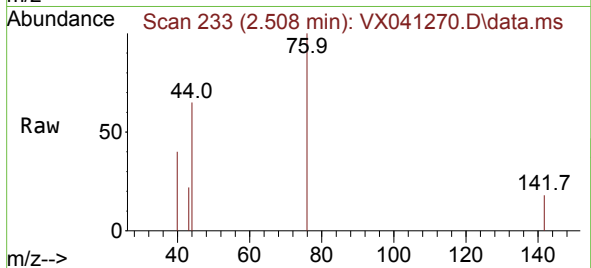
Lab File: VX041270.D

Acq: 29 Apr 2024 12:16

Instrument :

MSVOA_X

ClientSampleId :

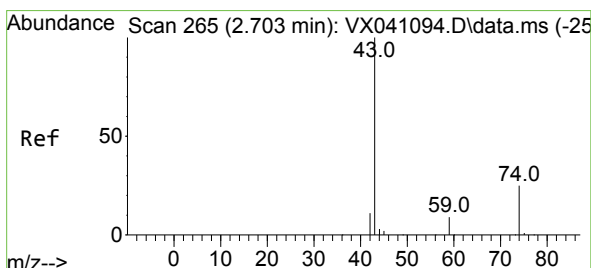
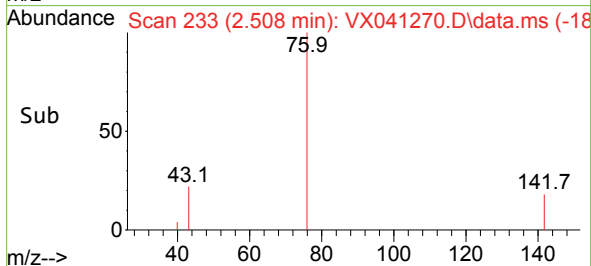
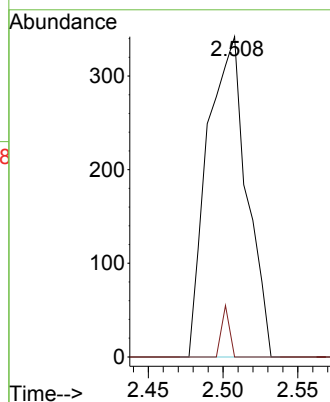


Tgt Ion: 76 Resp: 624

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.264 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041270.D

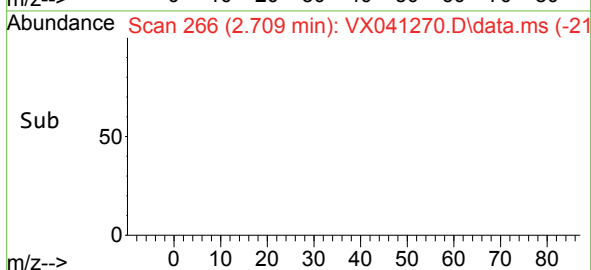
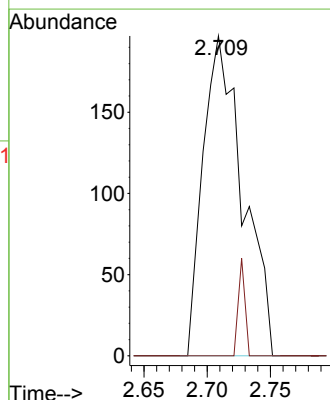
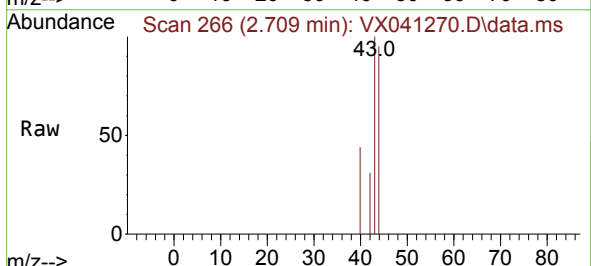
Acq: 29 Apr 2024 12:16

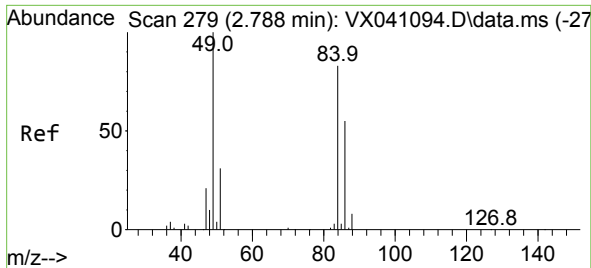
Tgt Ion: 43 Resp: 431

Ion Ratio Lower Upper

43 100

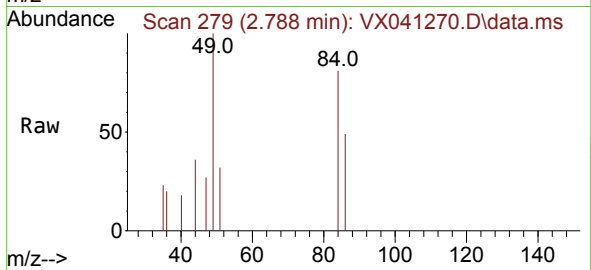
74 5.1 17.8 26.8#





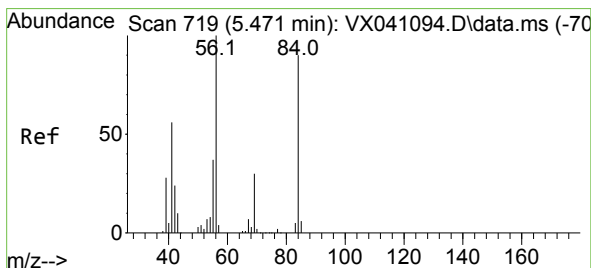
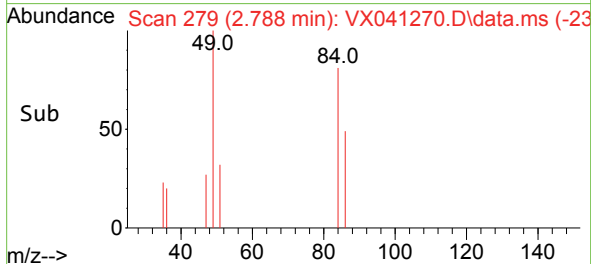
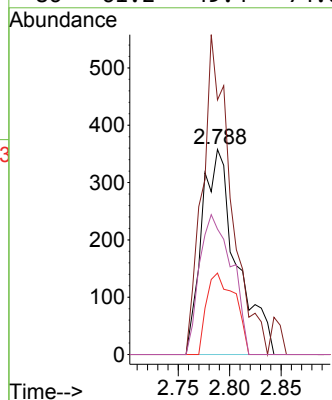
#20
Methylene Chloride
Concen: 0.624 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 840

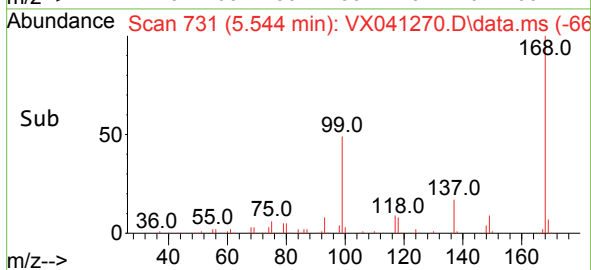
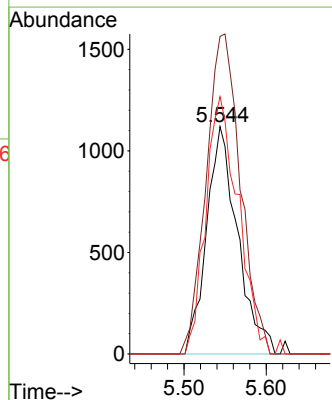
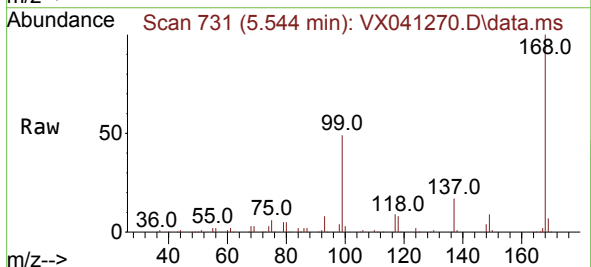
Ion	Ratio	Lower	Upper
84	100		
49	124.0	103.6	155.4
51	39.7	33.8	50.6
86	61.2	49.4	74.0

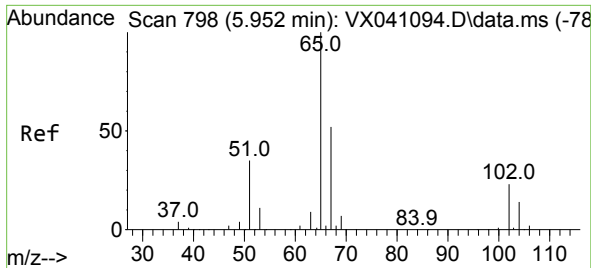


#31
Cyclohexane
Concen: 1.446 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

Tgt Ion: 56 Resp: 2947

Ion	Ratio	Lower	Upper
56	100		
69	139.6	23.4	35.2#
84	113.1	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 57.819 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041270.D

Acq: 29 Apr 2024 12:16

Instrument :

MSVOA_X

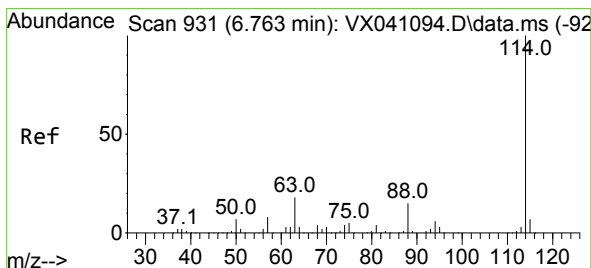
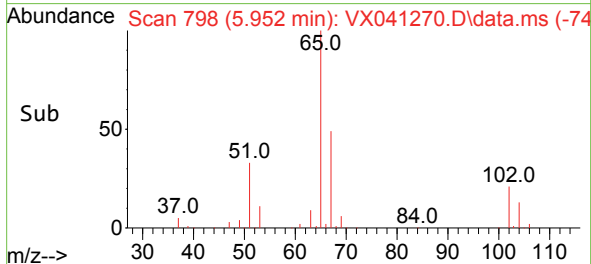
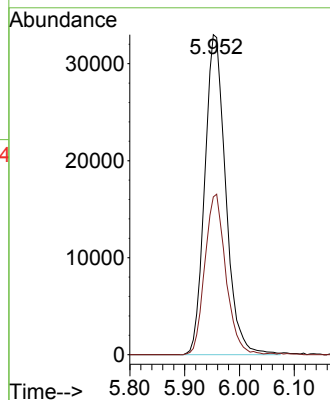
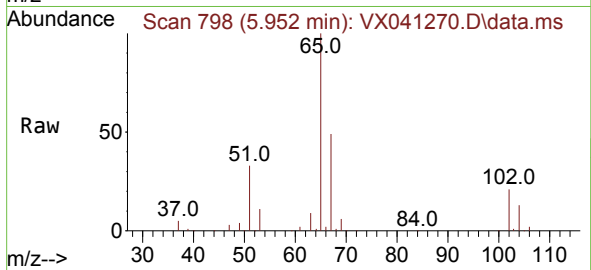
ClientSampleId :

Tgt Ion: 65 Resp: 87582

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041270.D

Acq: 29 Apr 2024 12:16

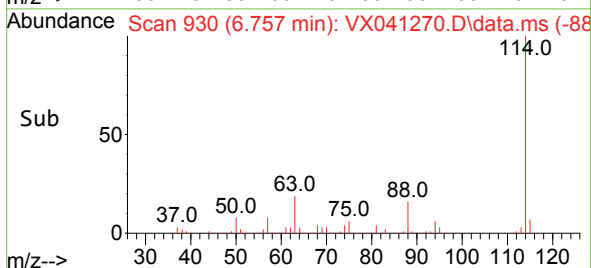
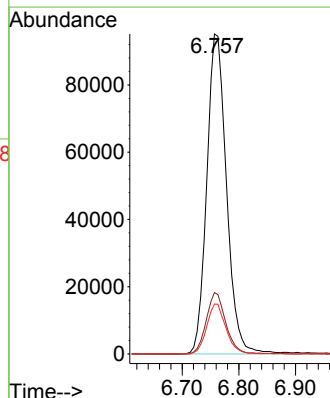
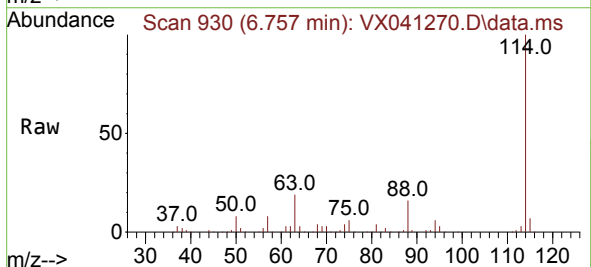
Tgt Ion: 114 Resp: 229811

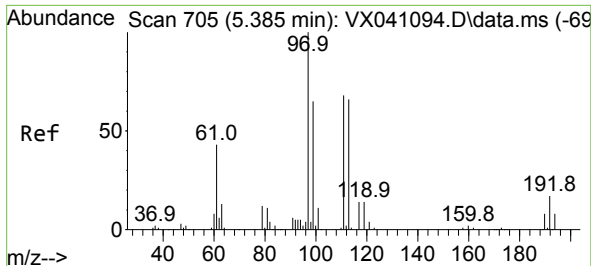
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

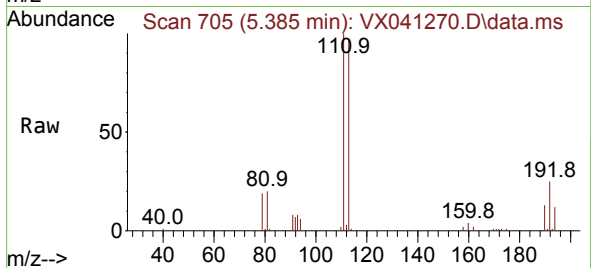
88 15.6 0.0 36.6



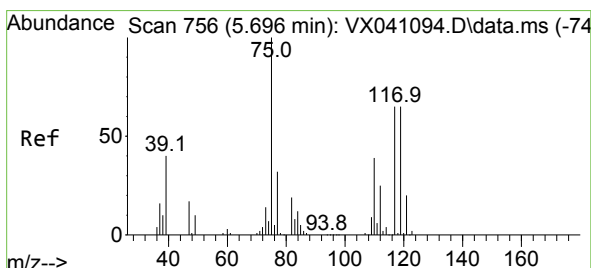
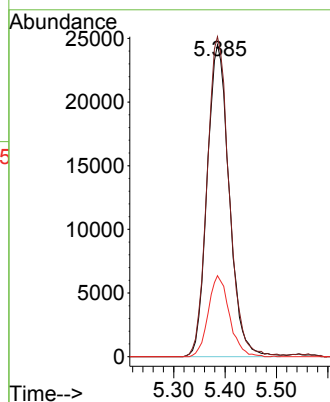
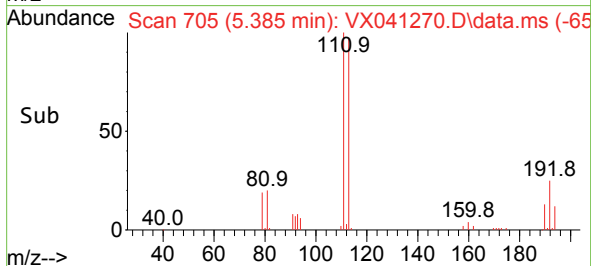


#35
Dibromofluoromethane
Concen: 52.219 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

Instrument :
MSVOA_X
ClientSampleId :

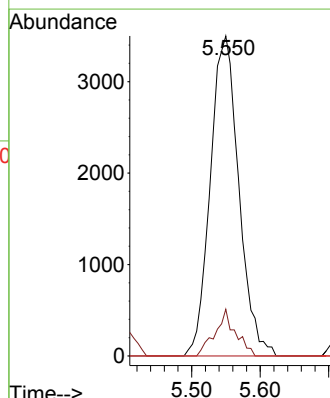
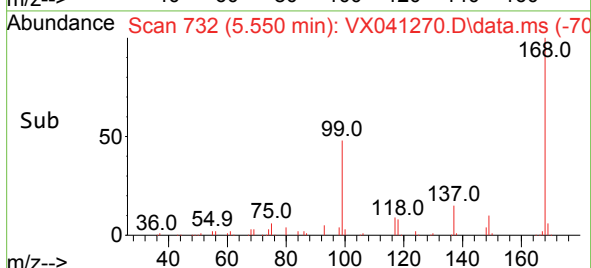
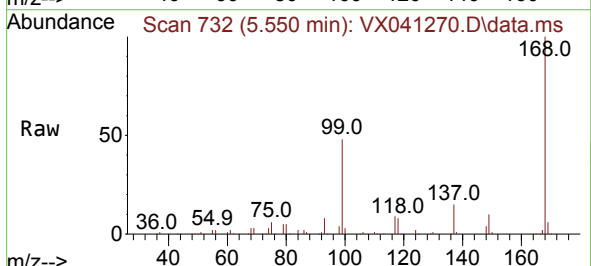


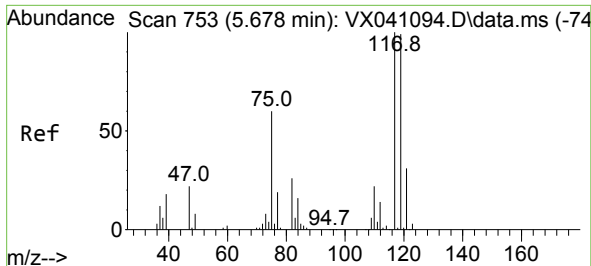
Tgt Ion:113 Resp: 72998
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 24.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.653 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

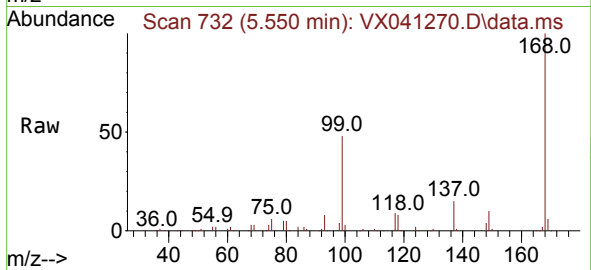
Tgt Ion: 75 Resp: 10111
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



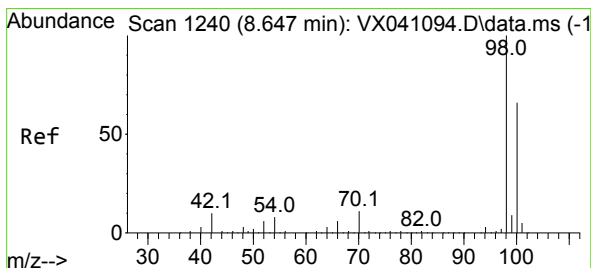
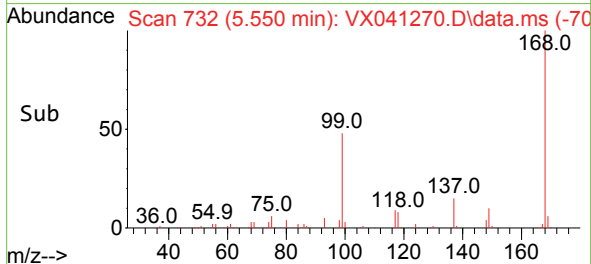
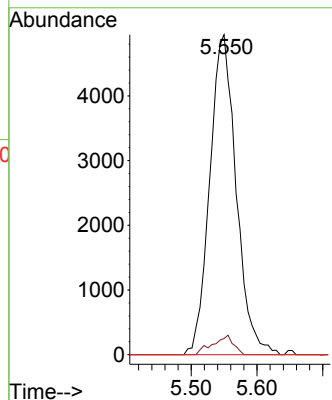


#38
Carbon Tetrachloride
Concen: 6.935 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

Instrument :
MSVOA_X
ClientSampleId :

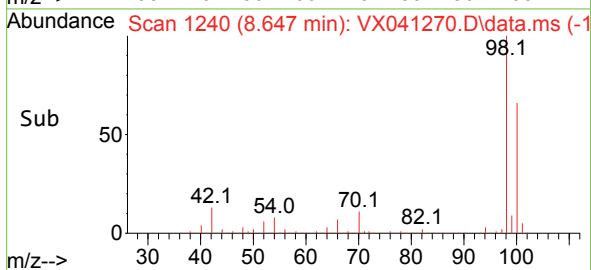
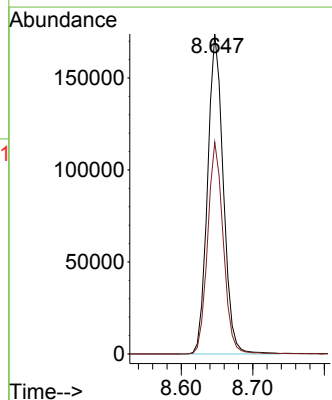
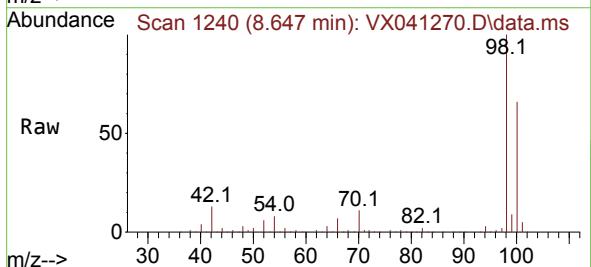


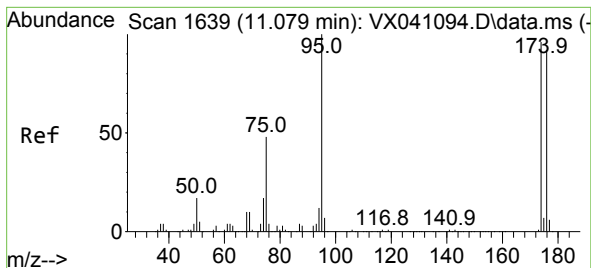
Tgt Ion:117 Resp: 13854
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 56.277 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

Tgt Ion: 98 Resp: 265425
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

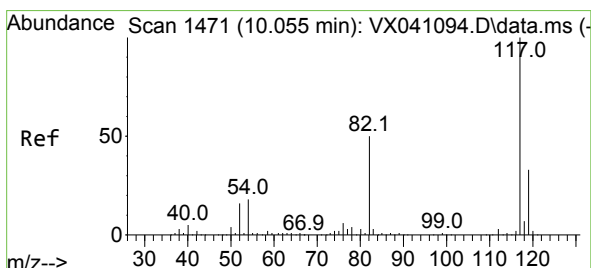
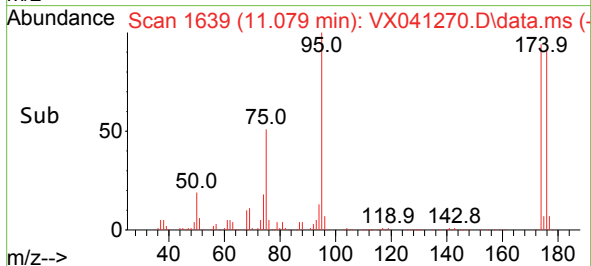
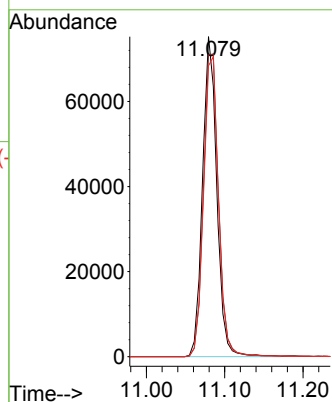
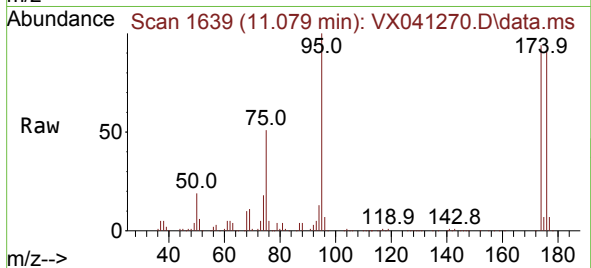




#62
4-Bromofluorobenzene
Concen: 54.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

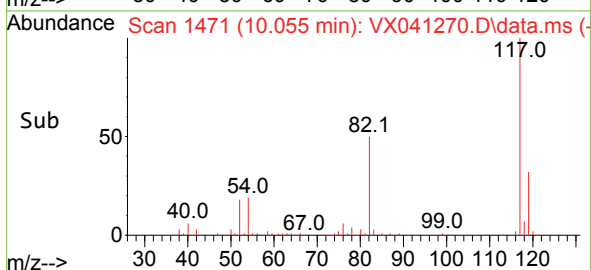
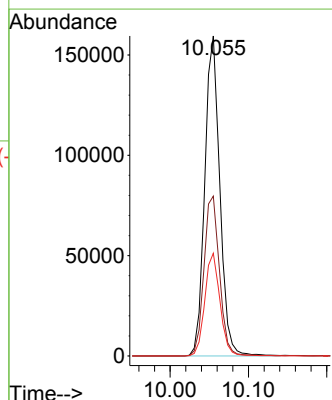
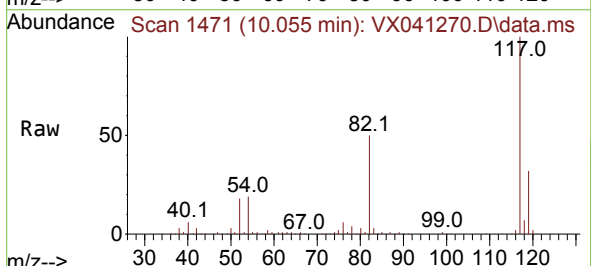
Instrument :
MSVOA_X
ClientSampleId :

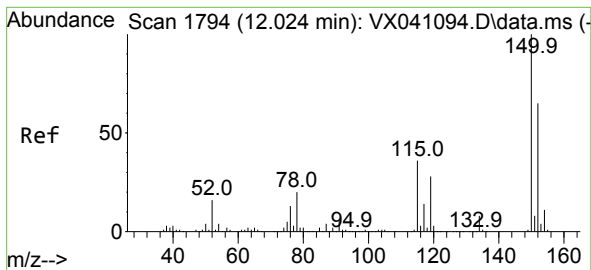
Tgt Ion: 95 Resp: 95081
Ion Ratio Lower Upper
95 100
174 101.0 0.0 135.6
176 98.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

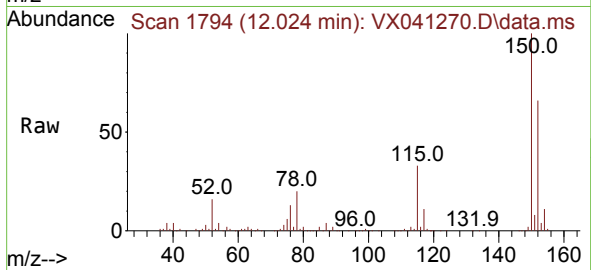
Tgt Ion: 117 Resp: 212874
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.1 25.5 38.3



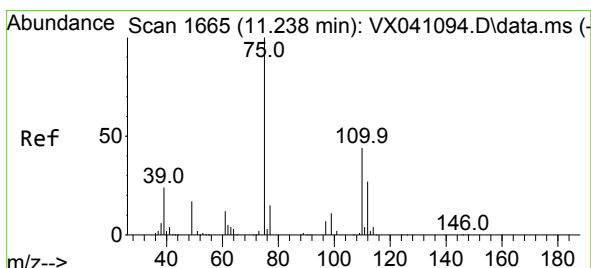
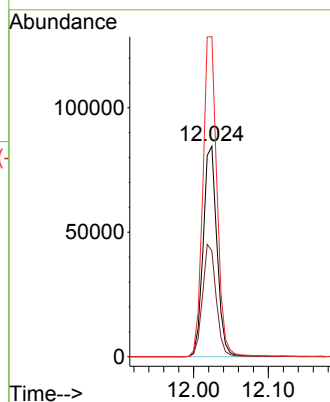
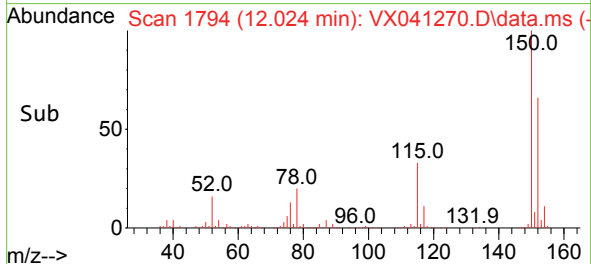


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

Instrument :
MSVOA_X
ClientSampleId :

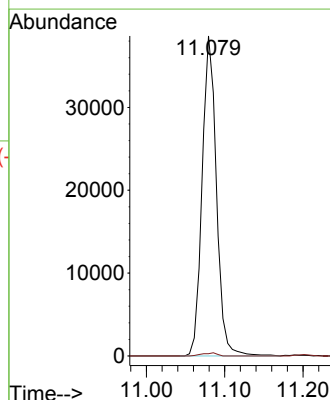
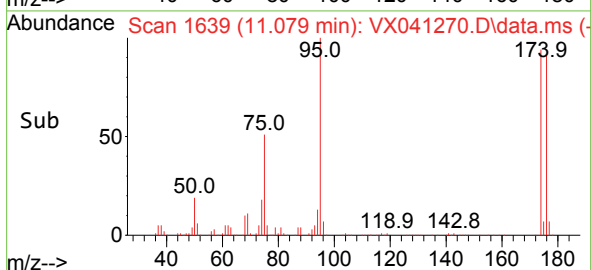
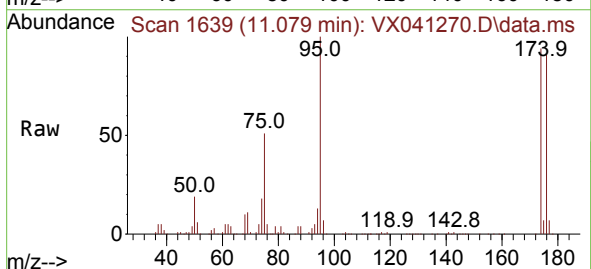


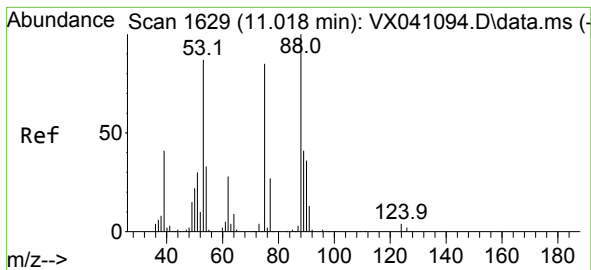
Tgt Ion:152 Resp: 108762
Ion Ratio Lower Upper
152 100
115 52.8 43.3 129.9
150 154.6 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 27.989 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX041270.D
Acq: 29 Apr 2024 12:16

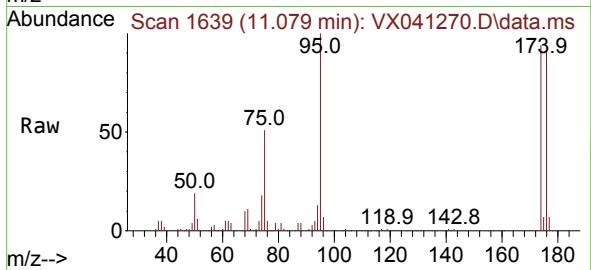
Tgt Ion: 75 Resp: 49046
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.965 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041270.D
 Acq: 29 Apr 2024 12:16

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 49046
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

