

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042924\
 Data File : VX041276.D
 Acq On : 29 Apr 2024 15:03
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 02:10:50 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)

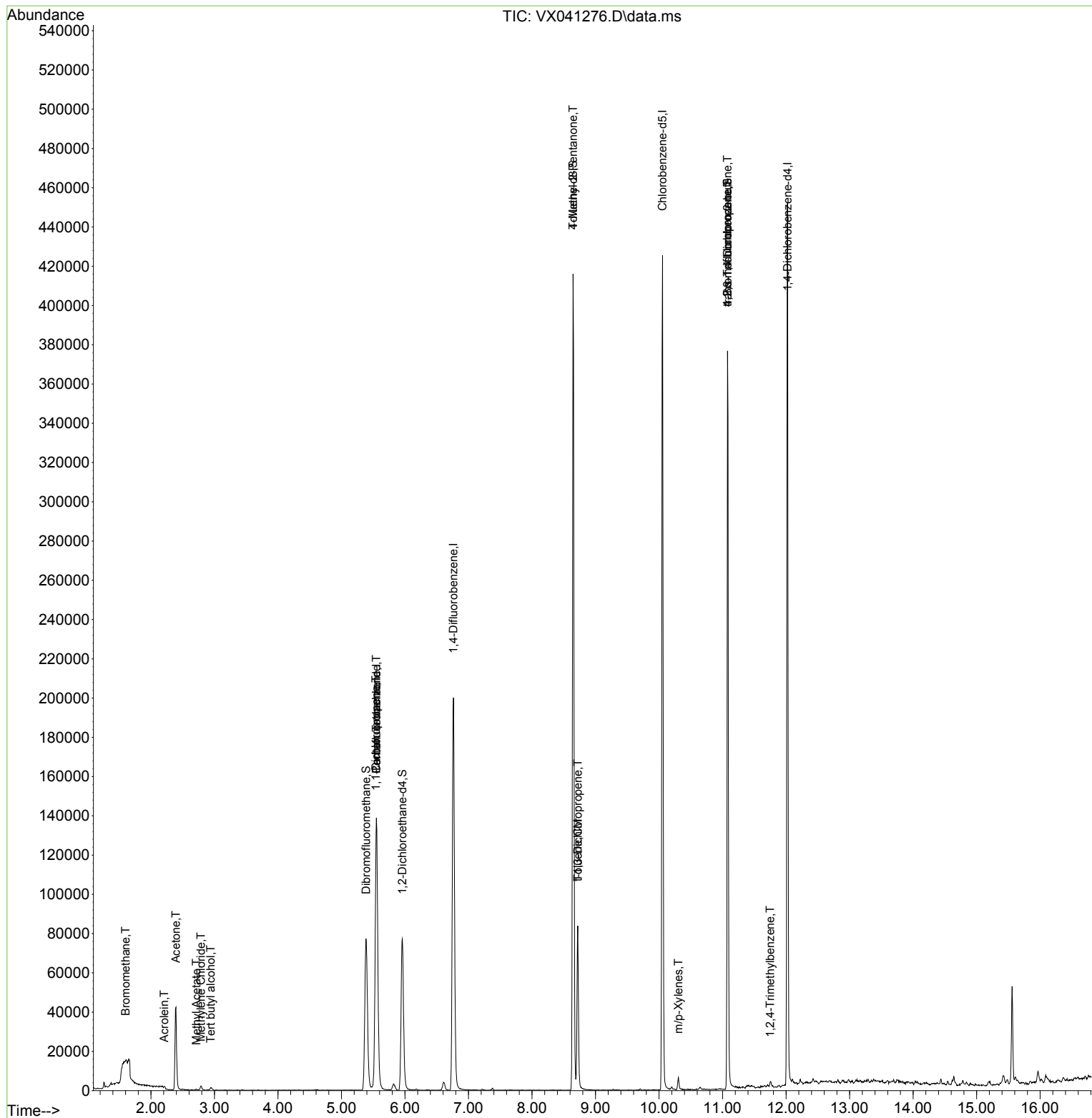
Internal Standards						
1) Pentafluorobenzene	5.550	168	147438	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	215304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77625	55.308	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.620%	
35) Dibromofluoromethane	5.385	113	67221	51.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.660%	
50) Toluene-d8	8.647	98	245066	55.462	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 110.920%	
62) 4-Bromofluorobenzene	11.079	95	93363	57.245	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.500%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	572	0.805	ug/l	91
11) Tert butyl alcohol	2.940	59	833	3.313	ug/l	# 78
13) Acrolein	2.209	56	182	0.645	ug/l	# 76
16) Acetone	2.392	43	47617	93.208	ug/l	95
18) Methyl Acetate	2.715	43	699	0.463	ug/l	# 53
20) Methylene Chloride	2.788	84	1142	0.915	ug/l	# 89
36) 1,1-Dichloropropene	5.544	75	9254	5.522	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	13002	6.947	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1157	0.624	ug/l	# 1
52) Toluene	8.720	92	32313	9.909	ug/l	95
53) t-1,3-Dichloropropene	8.720	75	366	0.219	ug/l	# 1
68) m/p-Xylenes	10.305	106	1583	0.590	ug/l	82
76) 1,2,3-Trichloropropane	11.079	75	46105	27.624	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	46105	77.937	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.750	105	1514	0.284	ug/l	91

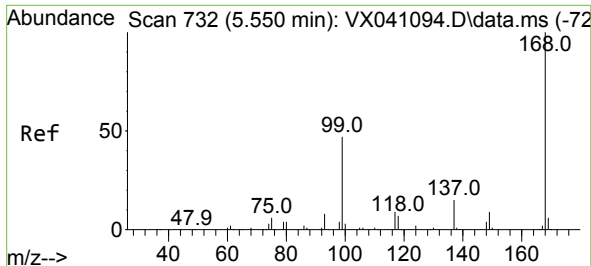
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042924\
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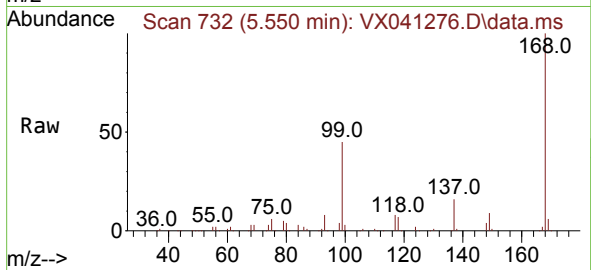
Quant Time: Apr 30 02:10:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



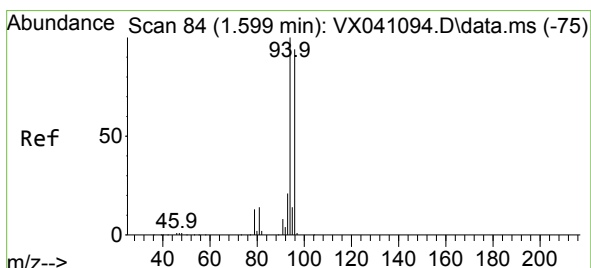
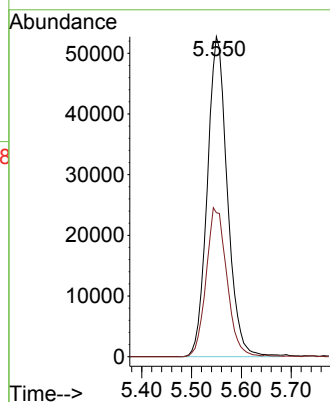
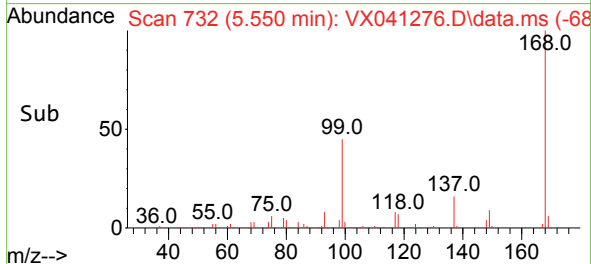


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

Instrument :
MSVOA_X
ClientSampleId :

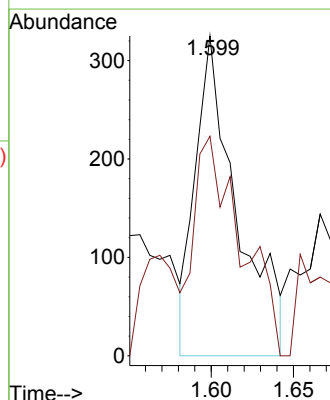
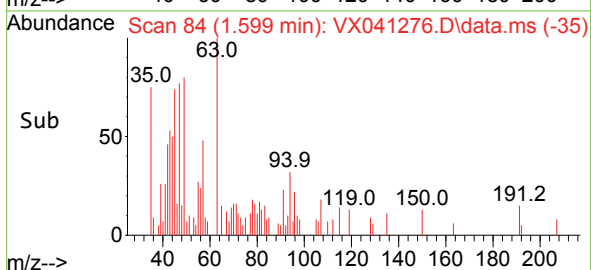
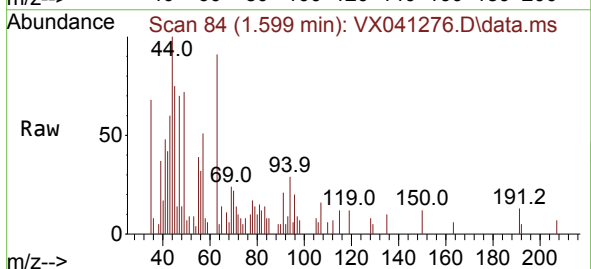


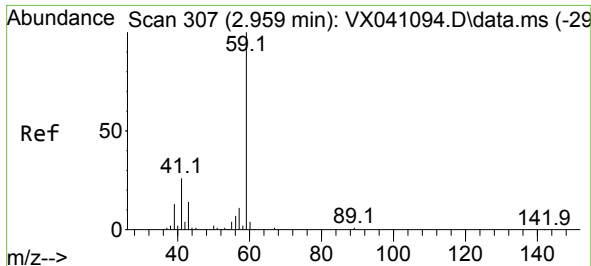
Tgt Ion:168 Resp: 147438
Ion Ratio Lower Upper
168 100
99 45.0 56.6 85.0#



#5
Bromomethane
Concen: 0.805 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

Tgt Ion: 94 Resp: 572
Ion Ratio Lower Upper
94 100
96 84.5 74.6 111.8

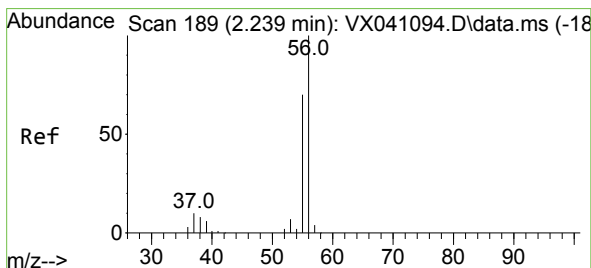
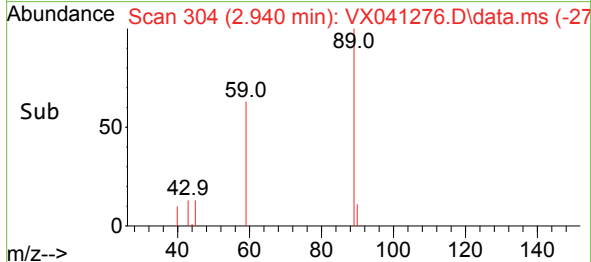
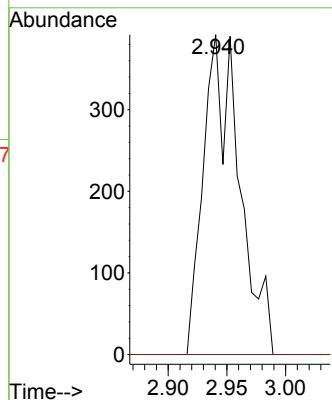
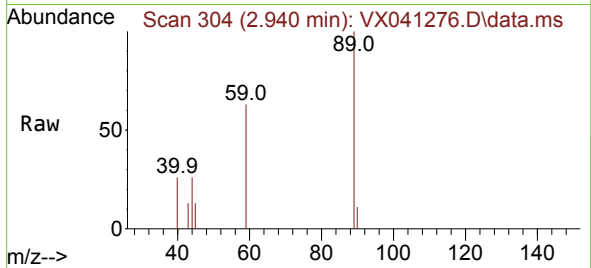




#11
Tert butyl alcohol
Concen: 3.313 ug/l
RT: 2.940 min Scan# 307
Delta R.T. -0.122 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

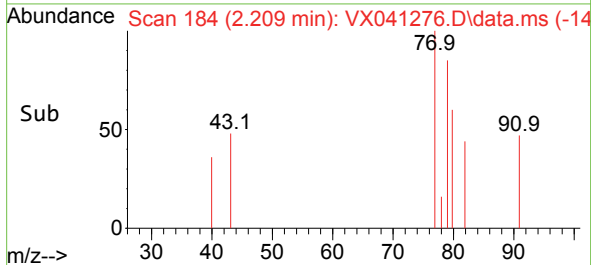
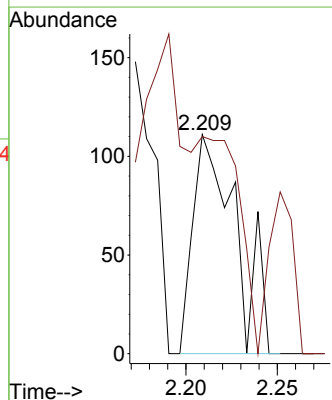
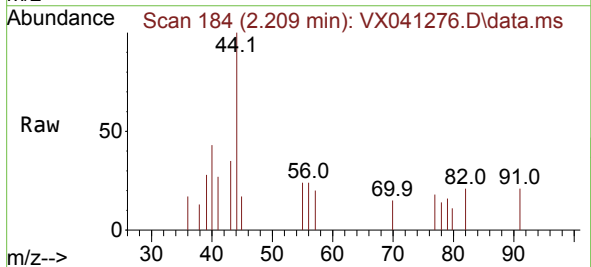
Instrument :
MSVOA_X
ClientSampleId :

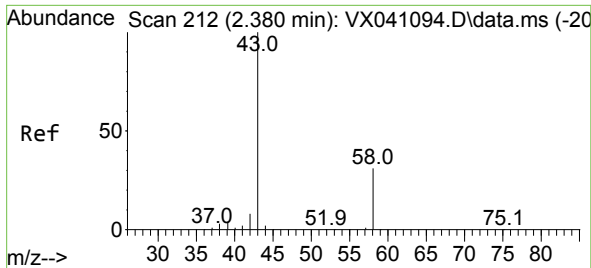
Tgt Ion: 59 Resp: 833
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.645 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.031 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

Tgt Ion: 56 Resp: 182
Ion Ratio Lower Upper
56 100
55 51.1 57.1 85.7#

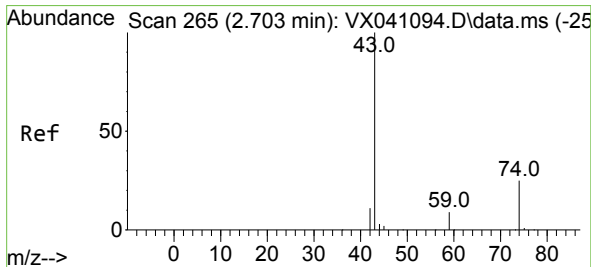
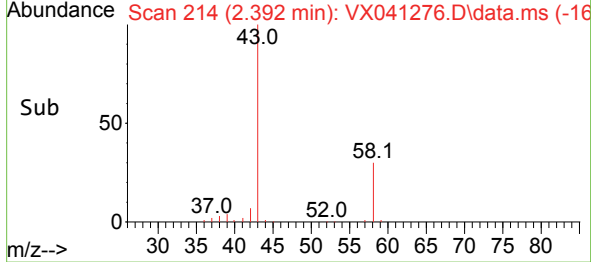
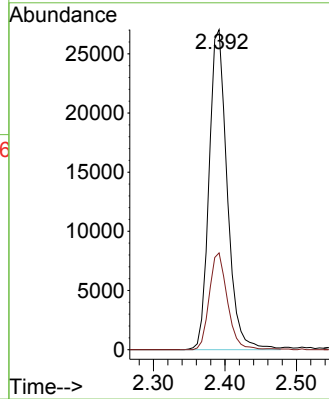
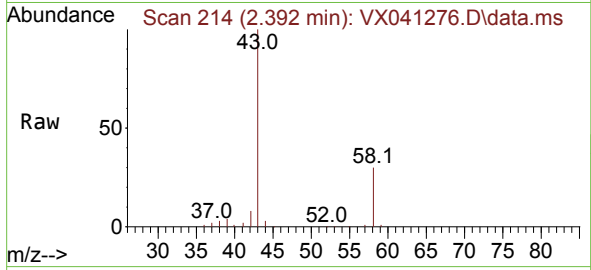




#16
Acetone
Concen: 93.208 ug/l
RT: 2.392 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

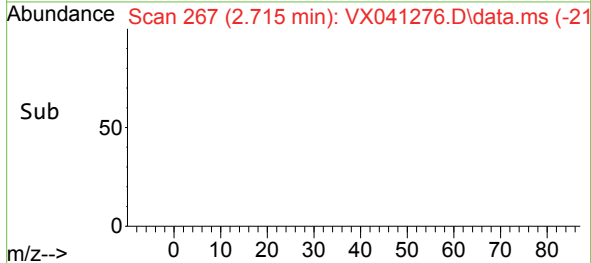
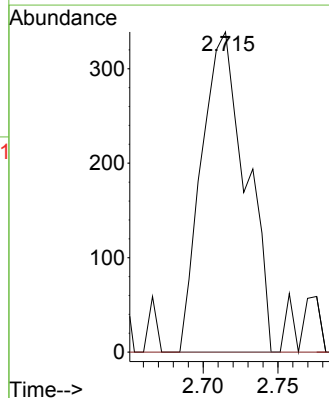
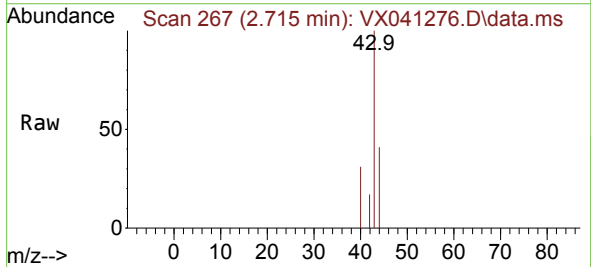
Instrument :
MSVOA_X
ClientSampleId :

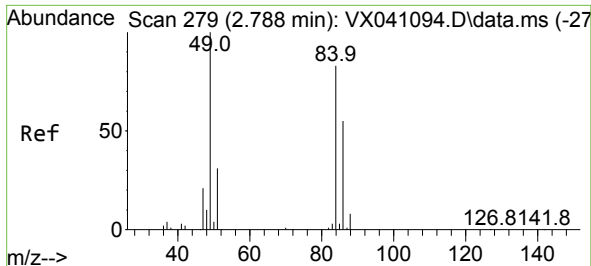
Tgt Ion: 43 Resp: 47617
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9



#18
Methyl Acetate
Concen: 0.463 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

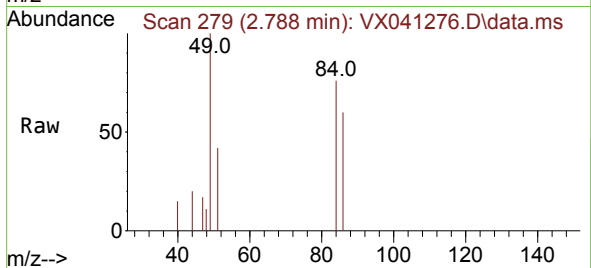
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#





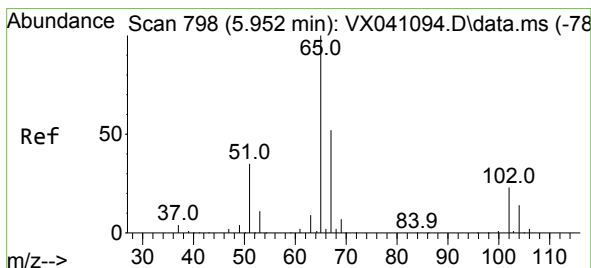
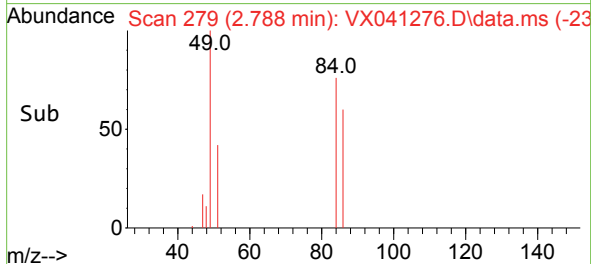
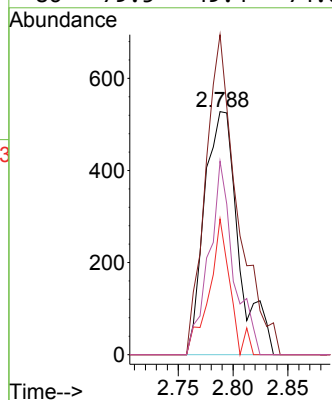
#20
Methylene Chloride
Concen: 0.915 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1142

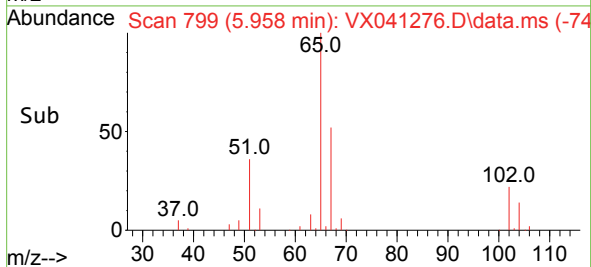
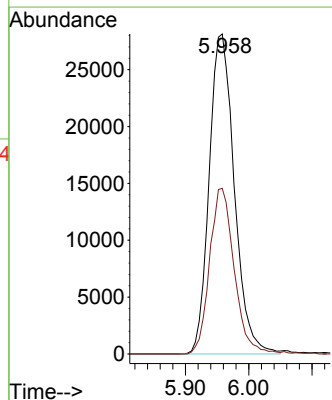
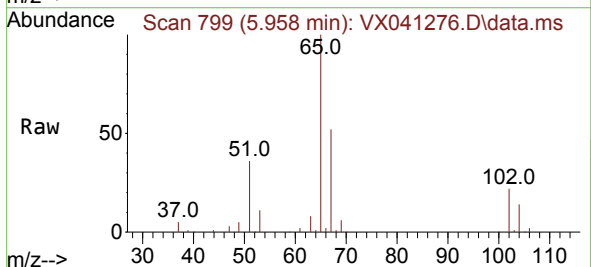
Ion	Ratio	Lower	Upper
84	100		
49	131.6	103.6	155.4
51	55.9	33.8	50.6#
86	79.5	49.4	74.0#

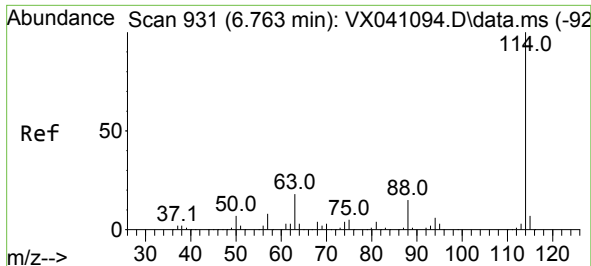


#33
1,2-Dichloroethane-d4
Concen: 55.308 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

Tgt Ion: 65 Resp: 77625

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.2

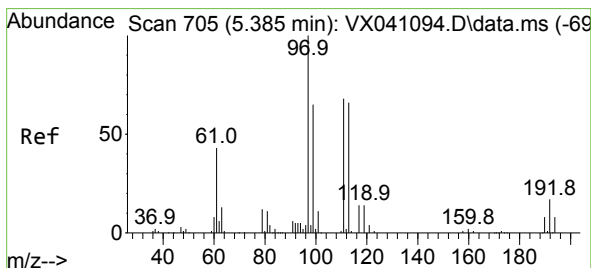
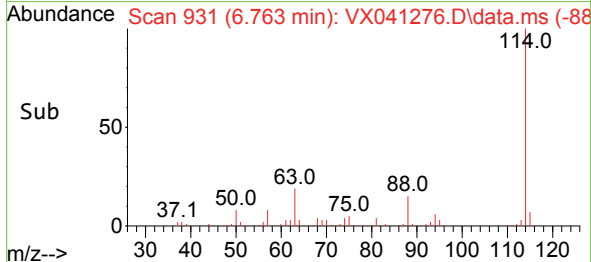
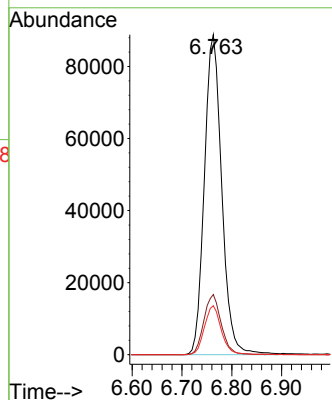
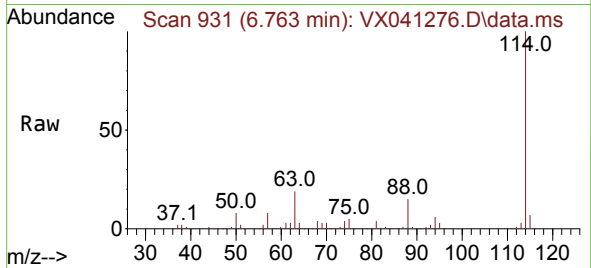




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

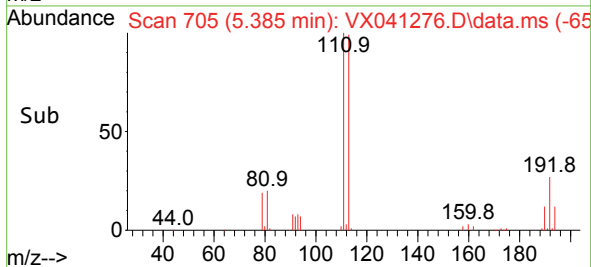
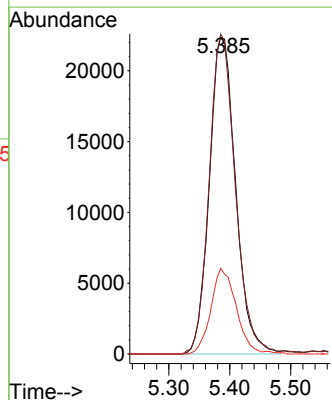
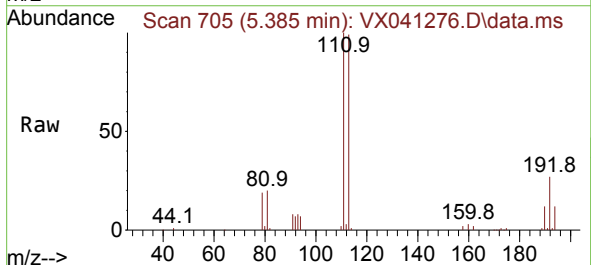
Instrument :
MSVOA_X
ClientSampleId :

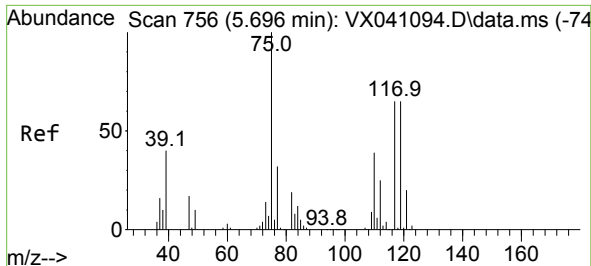
Tgt Ion:114 Resp: 215304
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.327 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

Tgt Ion:113 Resp: 67221
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 26.1 13.3 19.9#

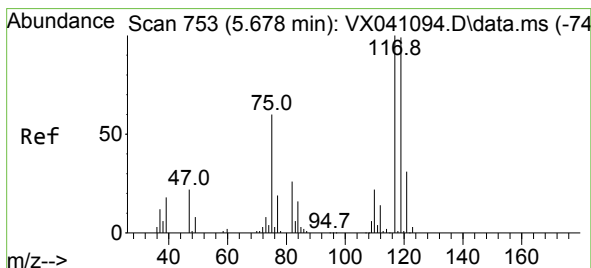
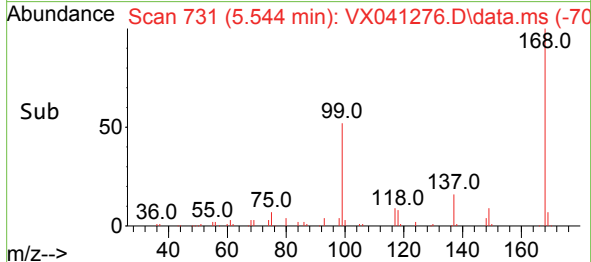
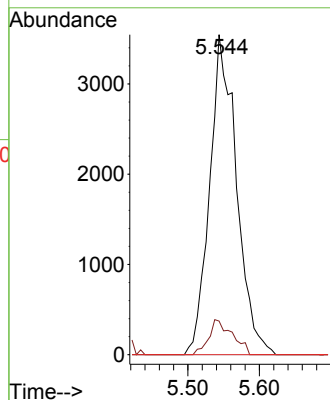
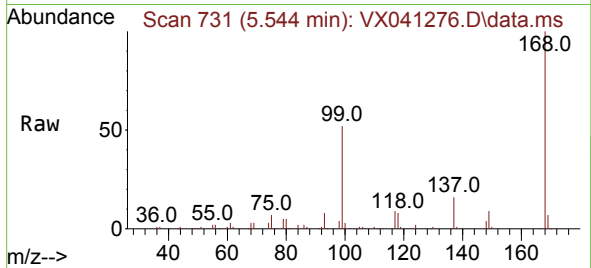




#36
1,1-Dichloropropene
Concen: 5.522 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

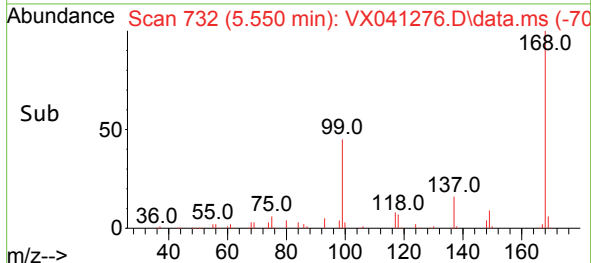
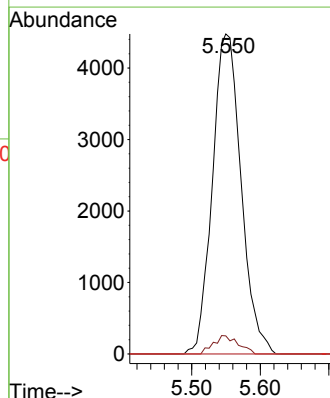
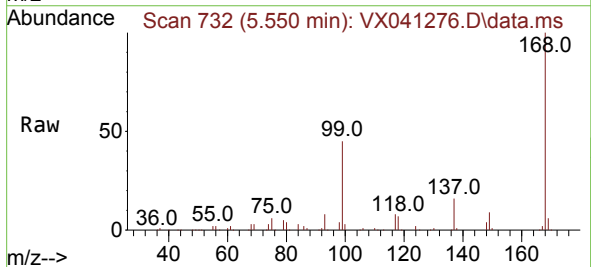
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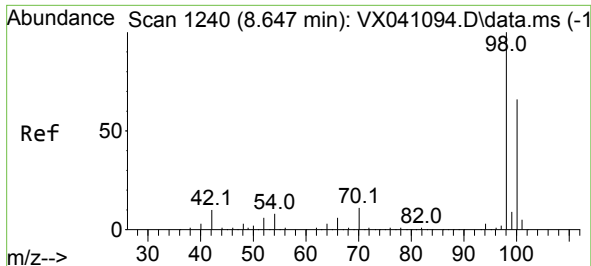
Tgt Ion: 75 Resp: 9254
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.947 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

Tgt Ion: 117 Resp: 13002
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#

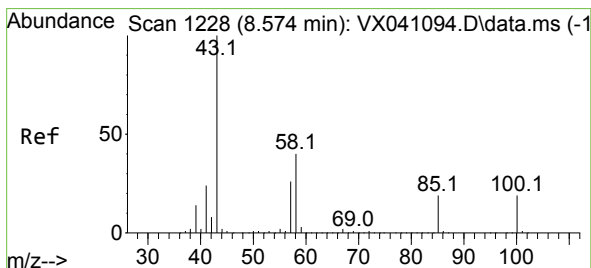
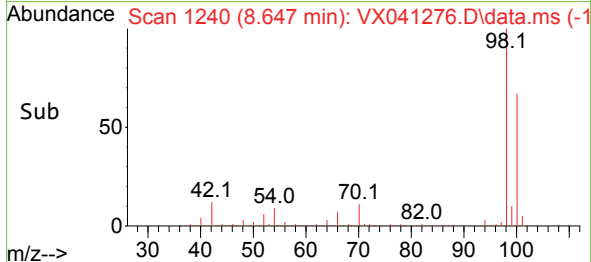
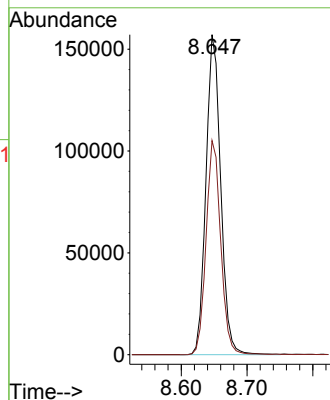
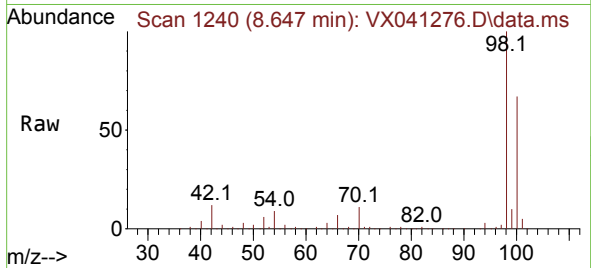




#50
Toluene-d8
Concen: 55.462 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

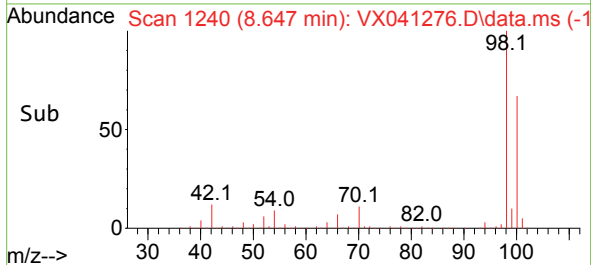
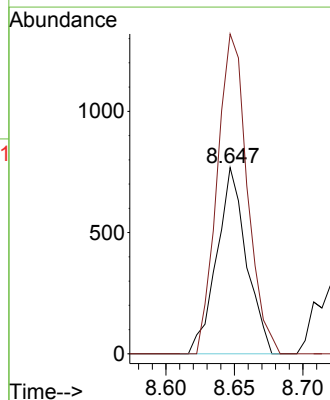
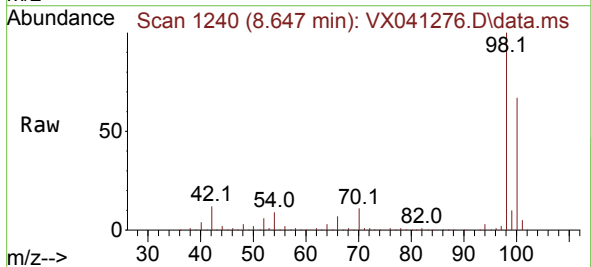
Instrument :
MSVOA_X
ClientSampleId :

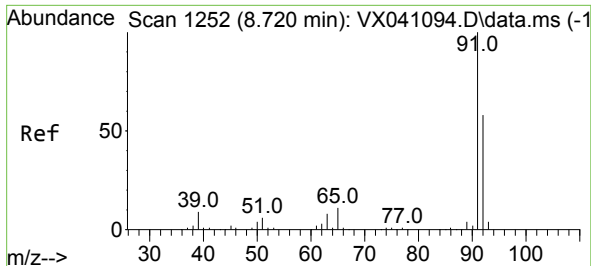
Tgt Ion: 98 Resp: 245066
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.624 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

Tgt Ion: 43 Resp: 1157
Ion Ratio Lower Upper
43 100
58 174.6 30.4 45.6#

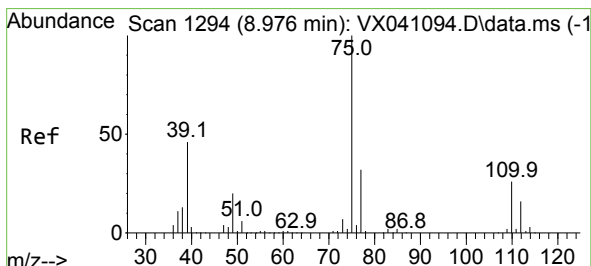
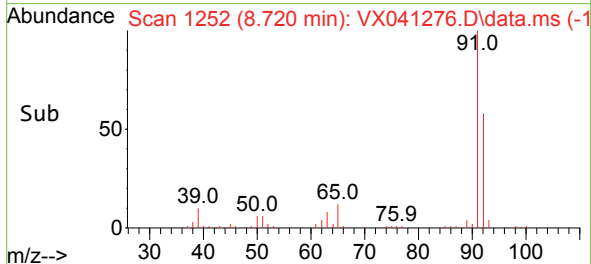
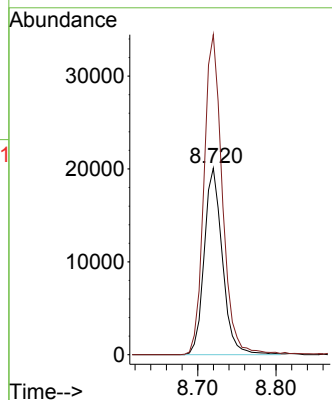
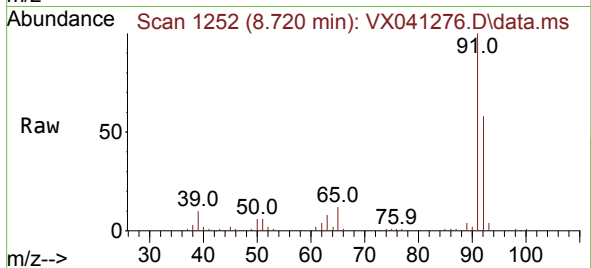




#52
Toluene
Concen: 9.909 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

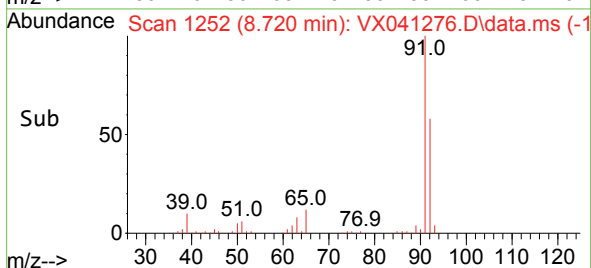
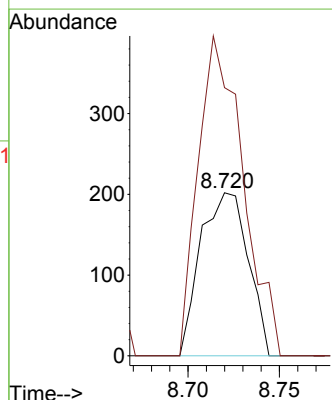
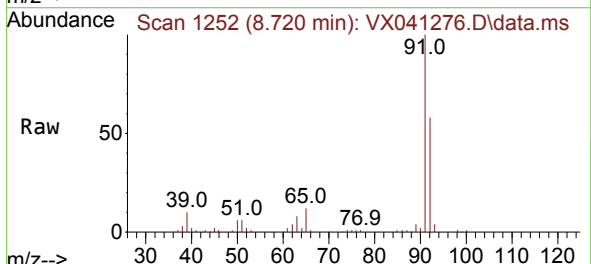
Instrument :
MSVOA_X
ClientSampleId :

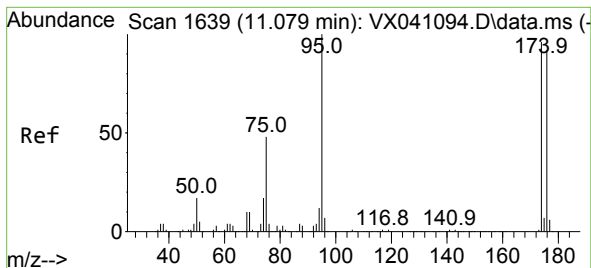
Tgt Ion: 92 Resp: 32313
Ion Ratio Lower Upper
92 100
91 174.5 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 0.219 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.256 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

Tgt Ion: 75 Resp: 366
Ion Ratio Lower Upper
75 100
77 164.4 25.7 38.5#

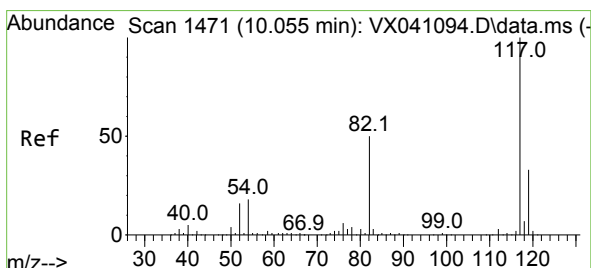
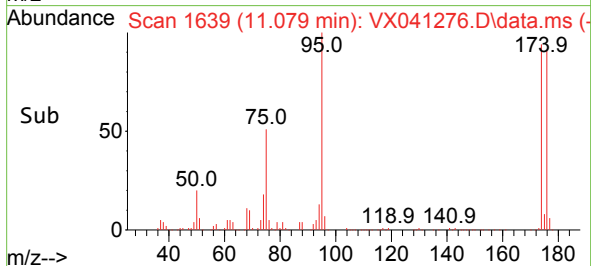
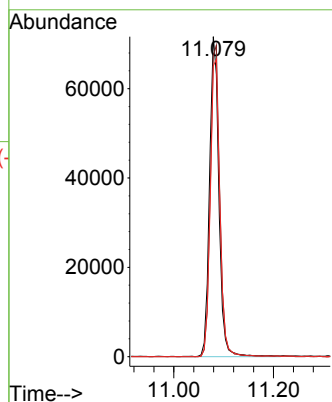
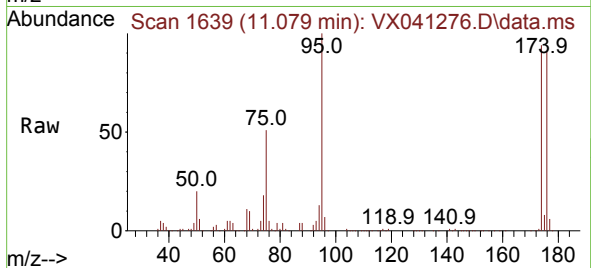




#62
4-Bromofluorobenzene
Concen: 57.245 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

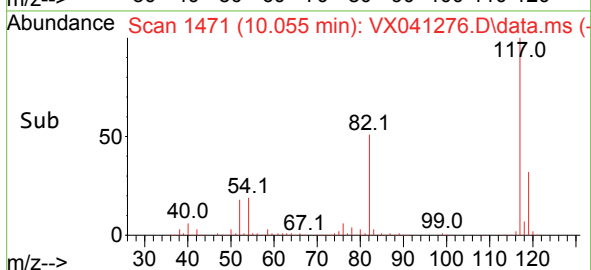
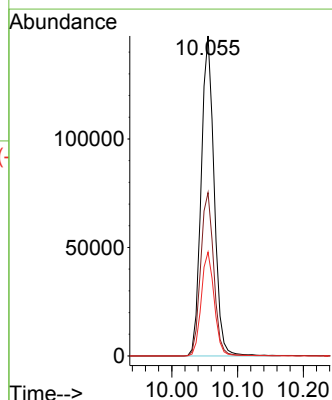
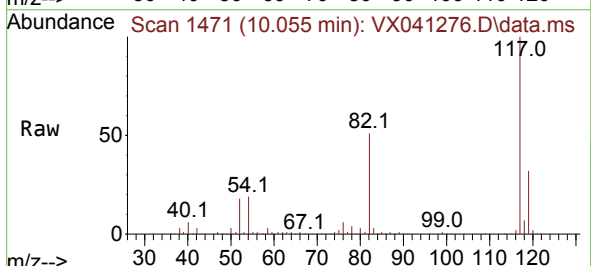
Instrument :
MSVOA_X
ClientSampleId :

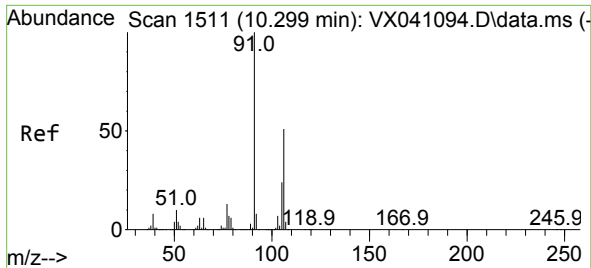
Tgt Ion: 95 Resp: 93363
Ion Ratio Lower Upper
95 100
174 98.3 0.0 135.6
176 95.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

Tgt Ion: 117 Resp: 202445
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.5 25.5 38.3

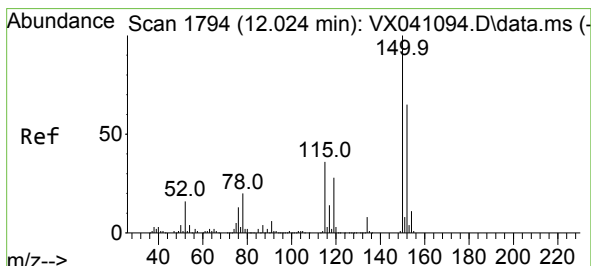
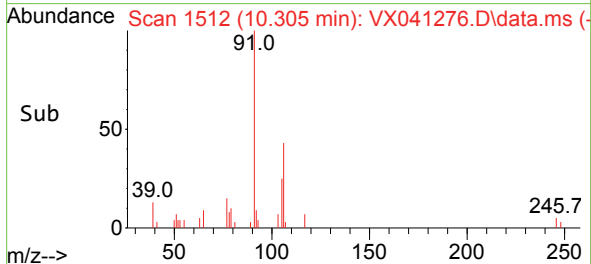
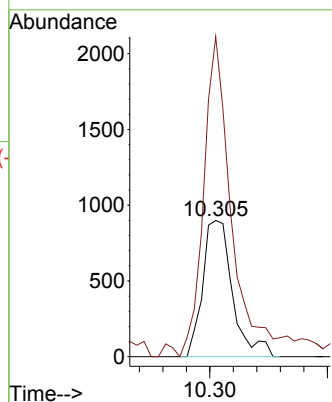
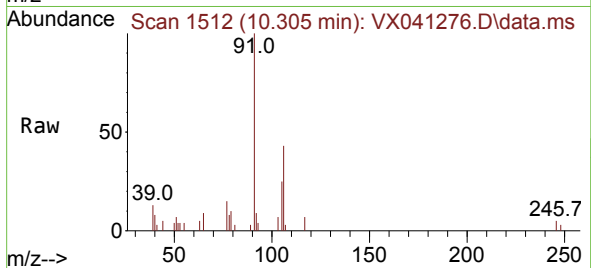




#68
m/p-Xylenes
Concen: 0.590 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

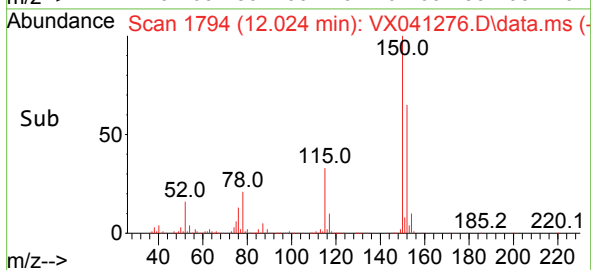
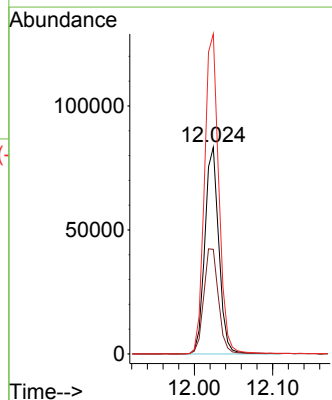
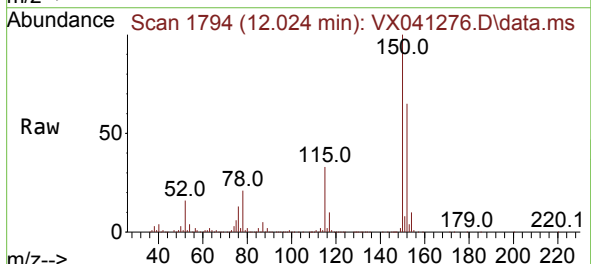
Instrument :
MSVOA_X
ClientSampleId :

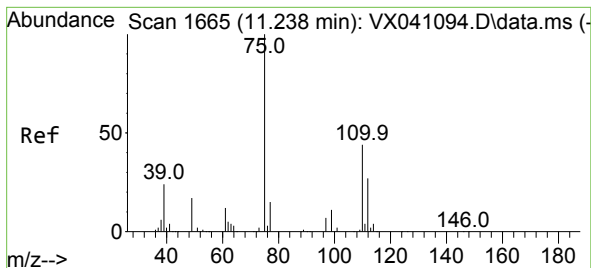
Tgt Ion:106 Resp: 1583
Ion Ratio Lower Upper
106 100
91 234.7 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041276.D
Acq: 29 Apr 2024 15:03

Tgt Ion:152 Resp: 103589
Ion Ratio Lower Upper
152 100
115 53.3 43.3 129.9
150 158.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.624 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041276.D

Acq: 29 Apr 2024 15:03

Instrument :

MSVOA_X

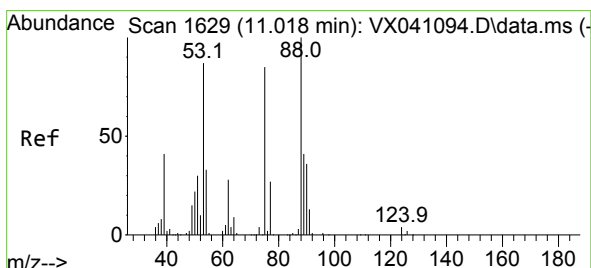
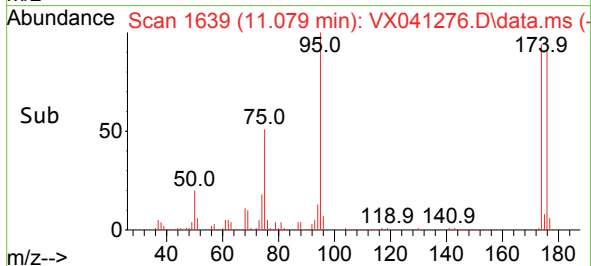
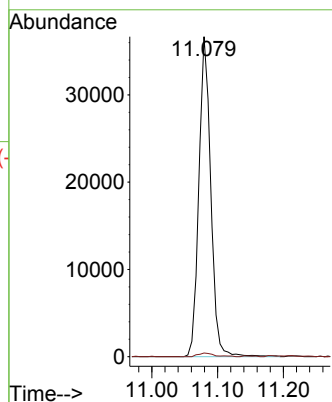
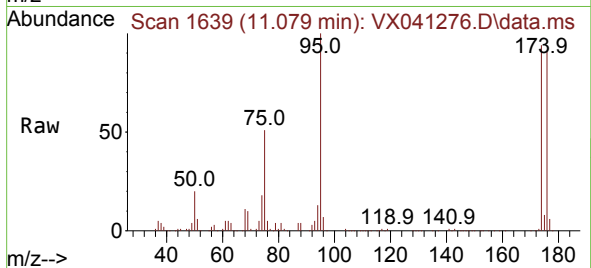
ClientSampleId :

Tgt Ion: 75 Resp: 46105

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.937 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041276.D

Acq: 29 Apr 2024 15:03

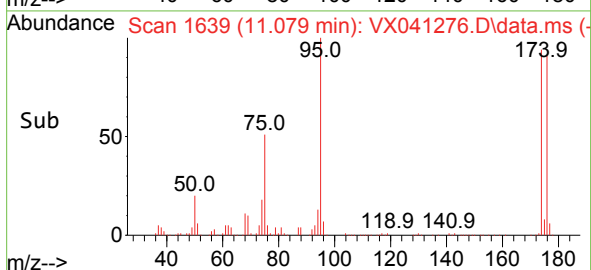
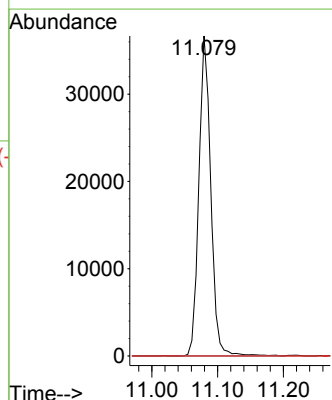
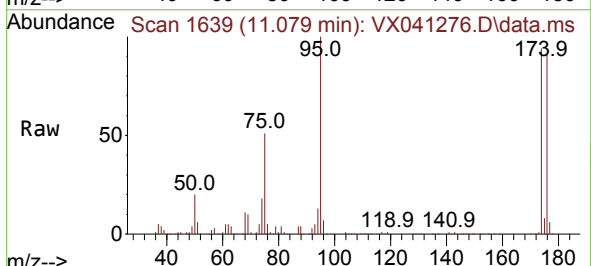
Tgt Ion: 75 Resp: 46105

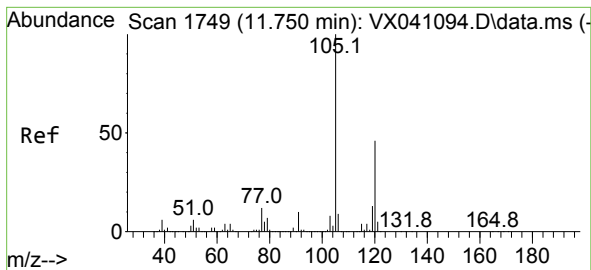
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

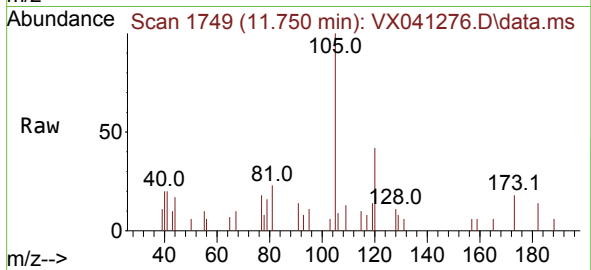
89 0.0 36.9 55.3#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.284 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041276.D
 Acq: 29 Apr 2024 15:03

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:105 Resp: 1514
 Ion Ratio Lower Upper
 105 100
 120 48.0 21.2 63.6

