

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042924\
 Data File : VX041273.D
 Acq On : 29 Apr 2024 13:53
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 02:09:07 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)

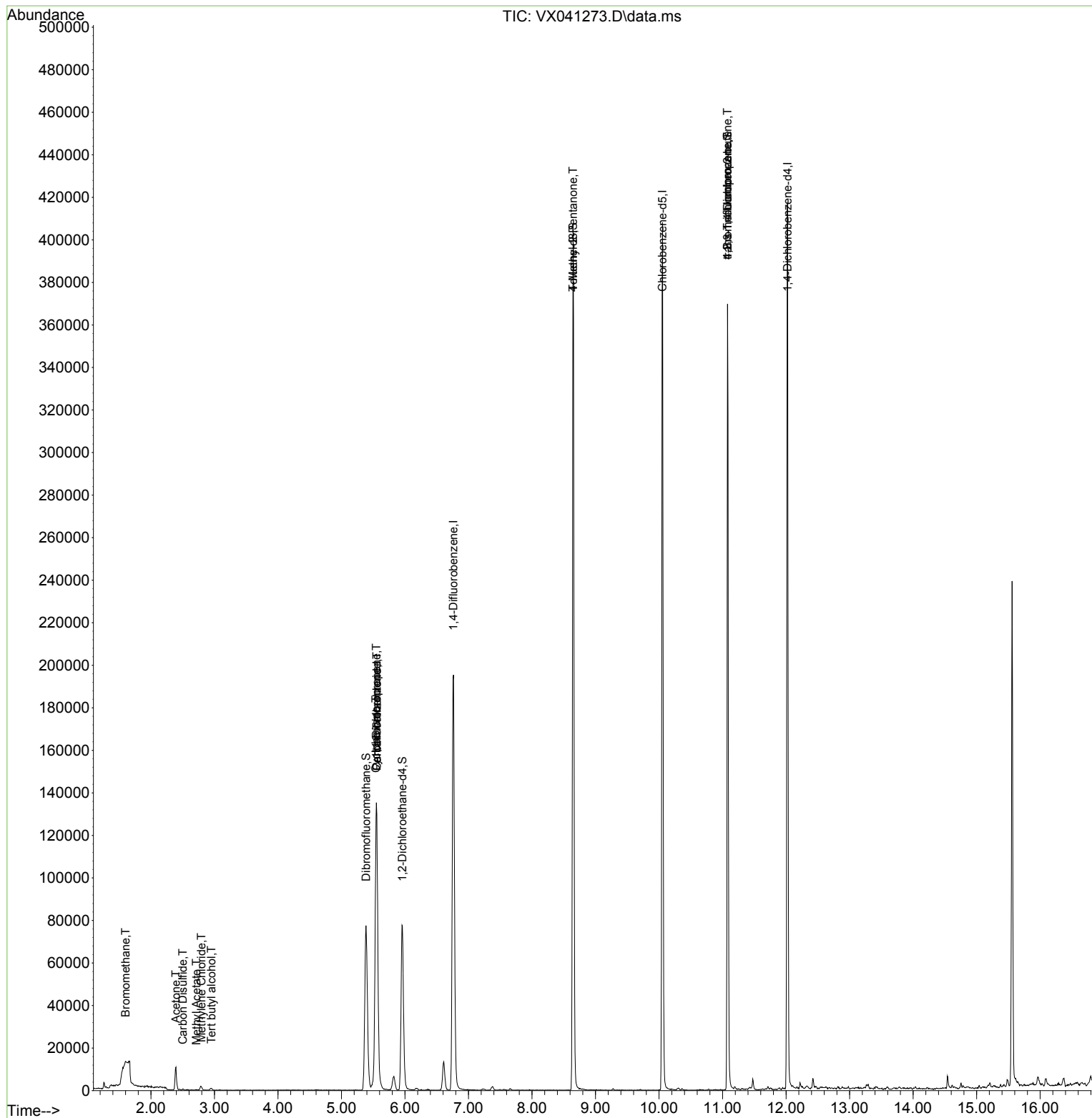
Internal Standards						
1) Pentafluorobenzene	5.556	168	145959	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	213307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76854	55.314	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.620%			
35) Dibromofluoromethane	5.385	113	66107	50.949	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.900%			
50) Toluene-d8	8.647	98	243641	55.655	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.320%			
62) 4-Bromofluorobenzene	11.079	95	88013	54.470	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.940%			
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	758	1.077	ug/l #	64
11) Tert butyl alcohol	2.953	59	581	2.334	ug/l #	78
16) Acetone	2.392	43	11582	22.901	ug/l	93
17) Carbon Disulfide	2.502	76	472	0.212	ug/l #	76
18) Methyl Acetate	2.715	43	414	0.277	ug/l #	53
20) Methylene Chloride	2.794	84	1075	0.870	ug/l #	68
31) Cyclohexane	5.544	56	3446	1.843	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8852	5.332	ug/l #	52
38) Carbon Tetrachloride	5.556	117	12643	6.818	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1208	0.658	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44647	28.065	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44647	79.179	ug/l #	5

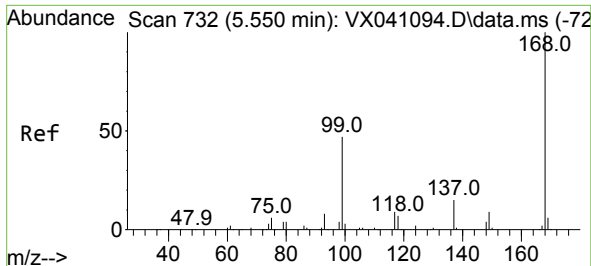
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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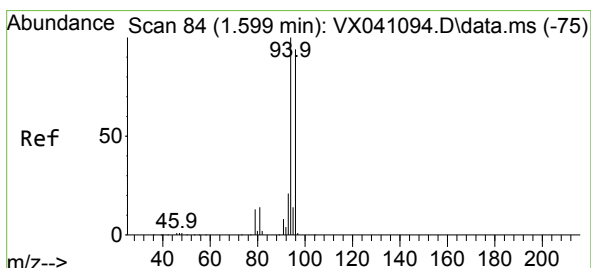
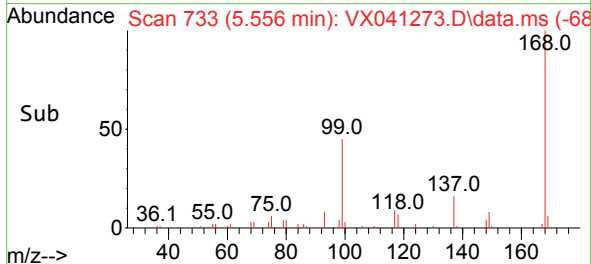
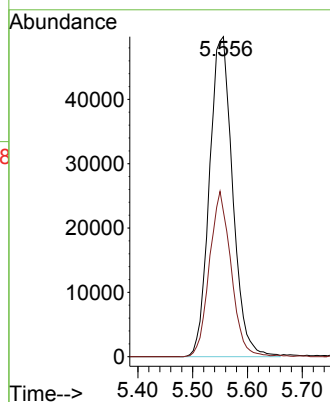
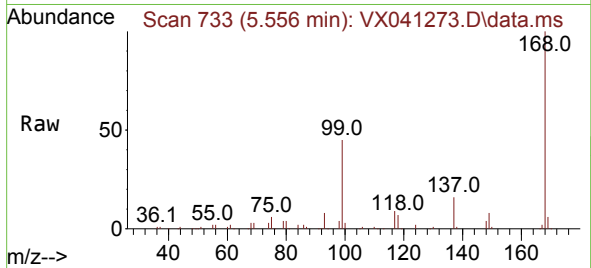




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041273.D
Acq: 29 Apr 2024 13:53

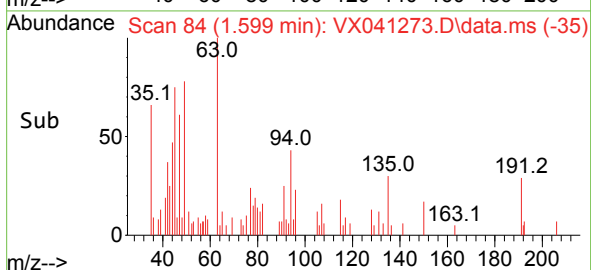
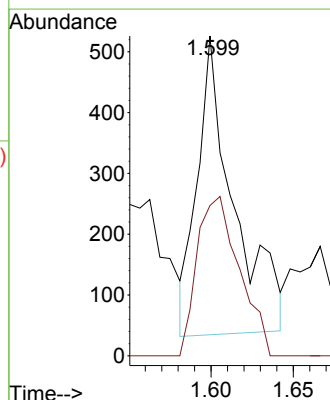
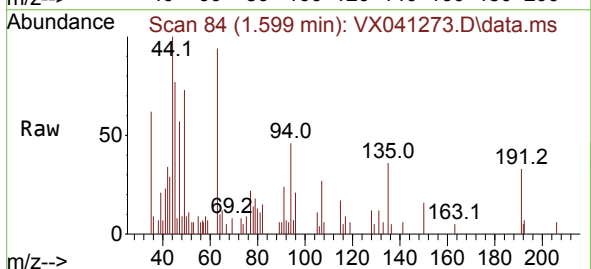
Instrument :
MSVOA_X
ClientSampleId :

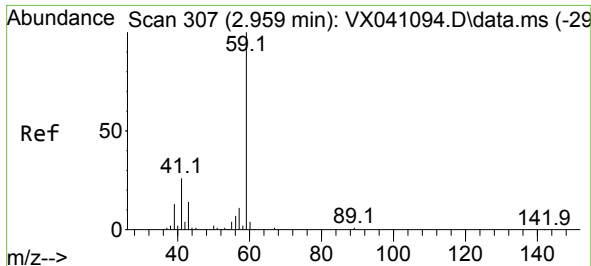
Tgt Ion:168 Resp: 145959
Ion Ratio Lower Upper
168 100
99 45.4 56.6 85.0#



#5
Bromomethane
Concen: 1.077 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041273.D
Acq: 29 Apr 2024 13:53

Tgt Ion: 94 Resp: 758
Ion Ratio Lower Upper
94 100
96 58.5 74.6 111.8#





#11

Tert butyl alcohol

Concen: 2.334 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.110 min

Lab File: VX041273.D

Acq: 29 Apr 2024 13:53

Instrument :

MSVOA_X

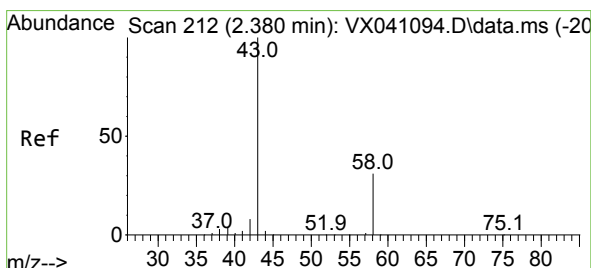
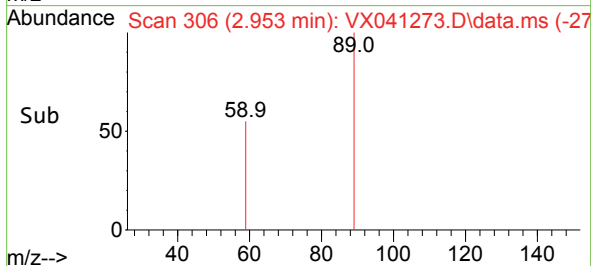
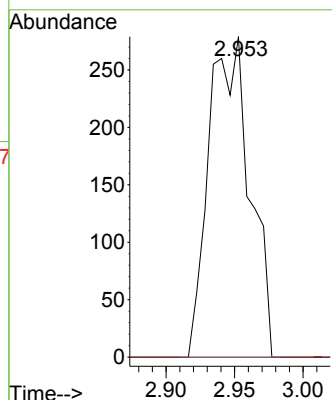
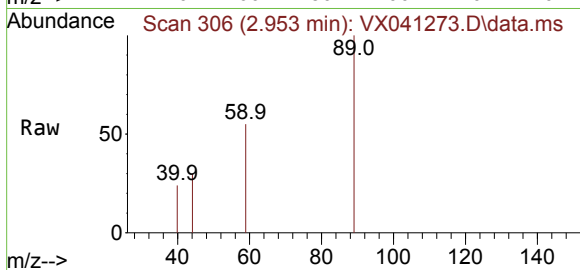
ClientSampleId :

Tgt Ion: 59 Resp: 581

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 22.901 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041273.D

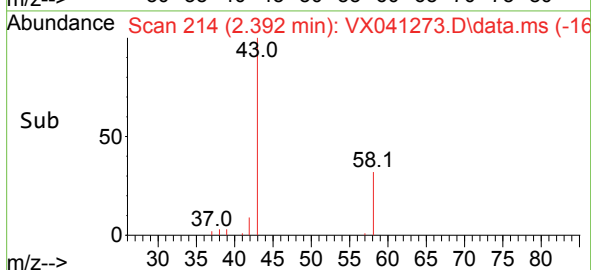
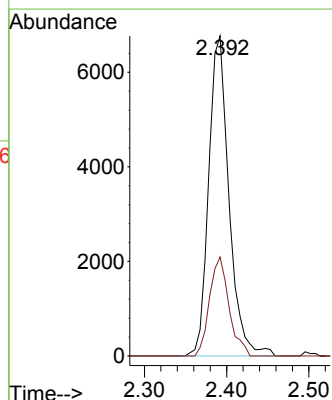
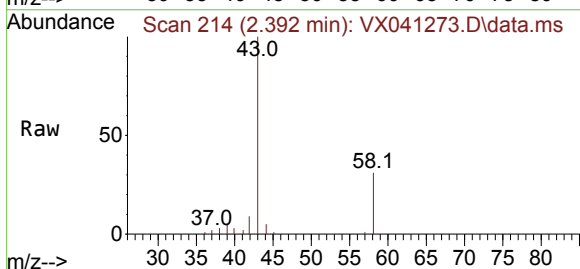
Acq: 29 Apr 2024 13:53

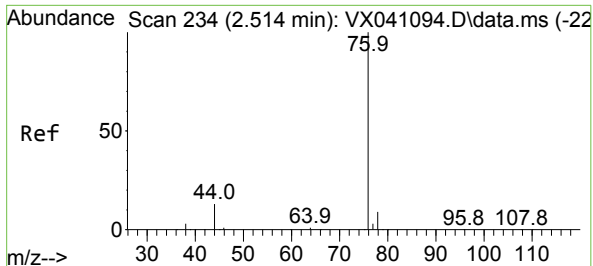
Tgt Ion: 43 Resp: 11582

Ion Ratio Lower Upper

43 100

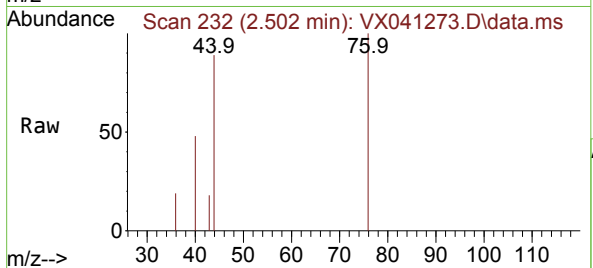
58 30.9 21.9 32.9



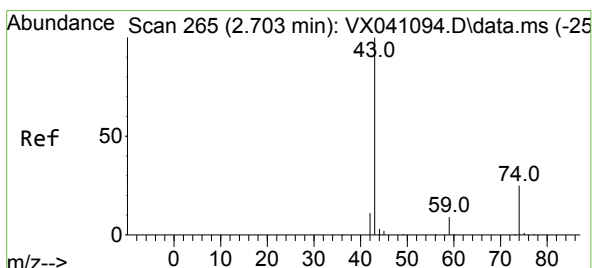
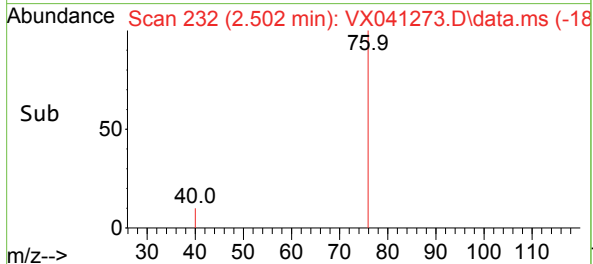
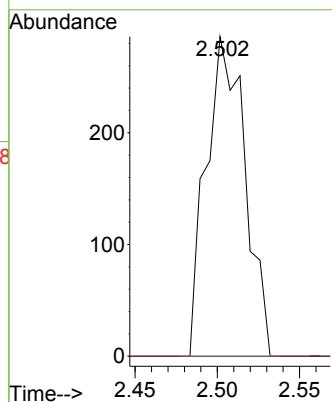


#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041273.D
Acq: 29 Apr 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

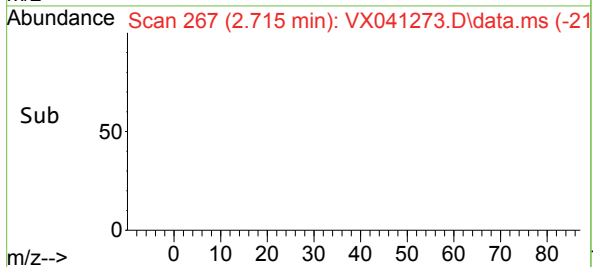
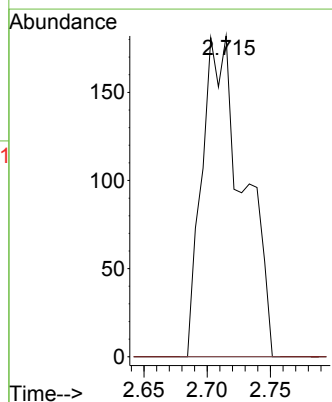
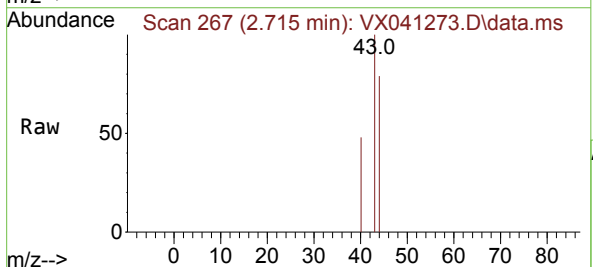


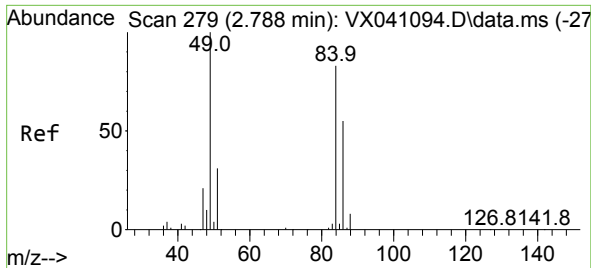
Tgt Ion: 76 Resp: 472
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.277 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041273.D
Acq: 29 Apr 2024 13:53

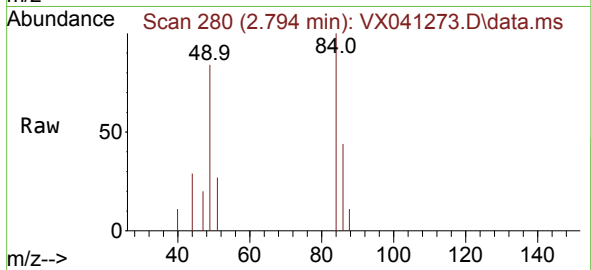
Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



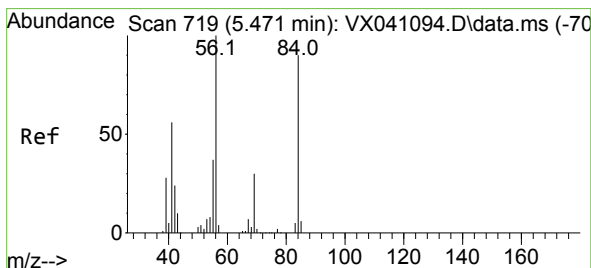
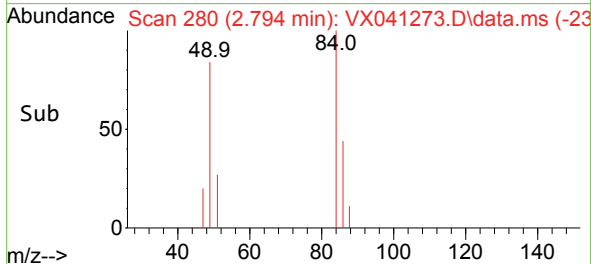
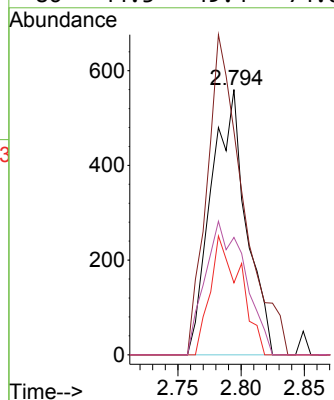


#20
Methylene Chloride
Concen: 0.870 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041273.D
Acq: 29 Apr 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

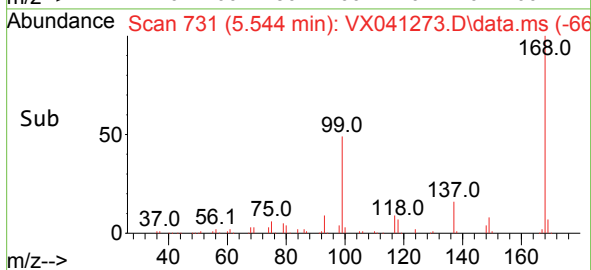
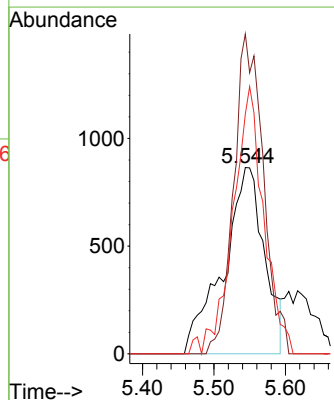
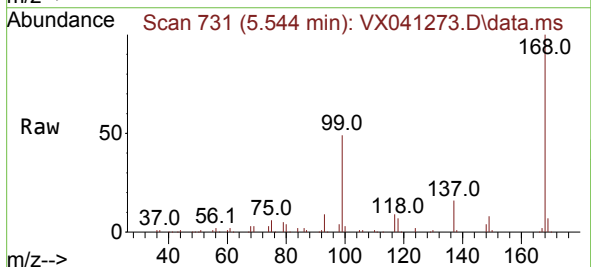


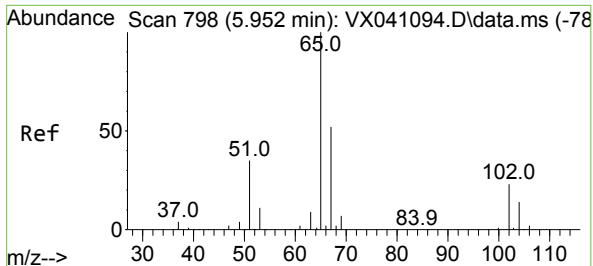
Tgt Ion:	84	Resp:	1075
Ion	Ratio	Lower	Upper
84	100		
49	84.3	103.6	155.4#
51	27.1	33.8	50.6#
86	44.3	49.4	74.0#



#31
Cyclohexane
Concen: 1.843 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041273.D
Acq: 29 Apr 2024 13:53

Tgt Ion:	56	Resp:	3446
Ion	Ratio	Lower	Upper
56	100		
69	171.7	23.4	35.2#
84	128.7	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 55.314 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041273.D

Acq: 29 Apr 2024 13:53

Instrument :

MSVOA_X

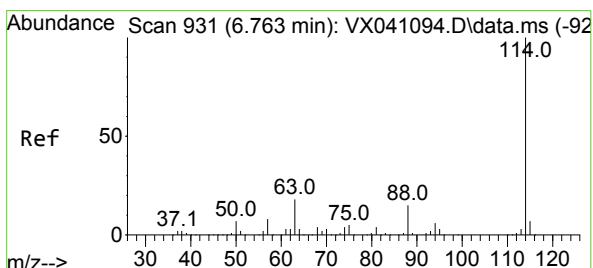
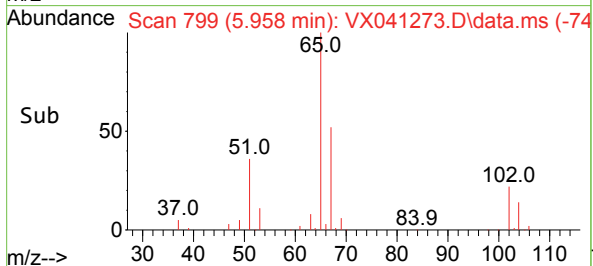
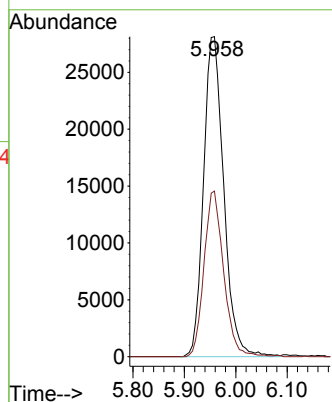
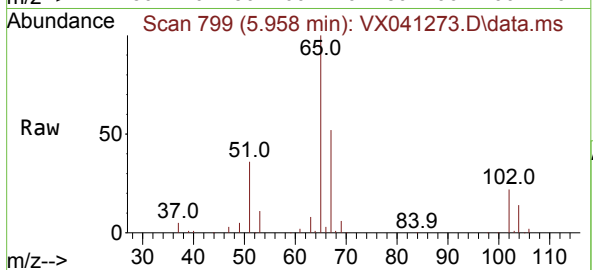
ClientSampleId :

Tgt Ion: 65 Resp: 76854

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041273.D

Acq: 29 Apr 2024 13:53

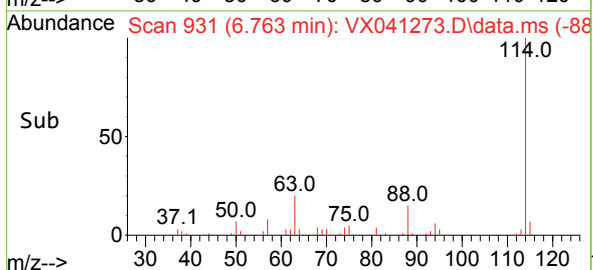
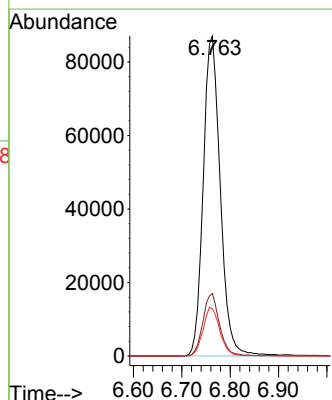
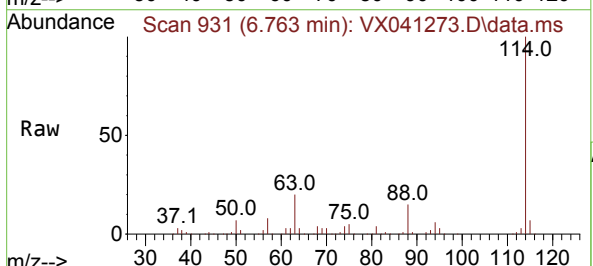
Tgt Ion: 114 Resp: 213307

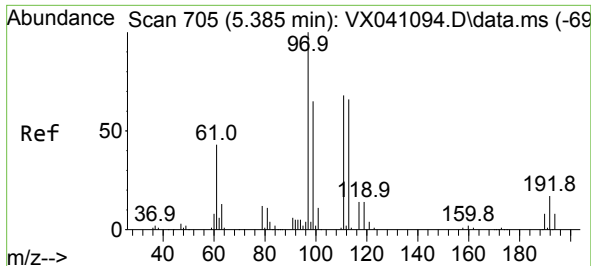
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 14.8 0.0 36.6

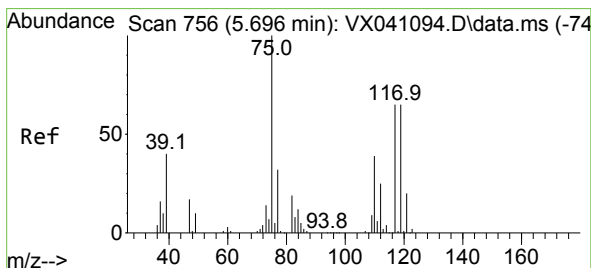
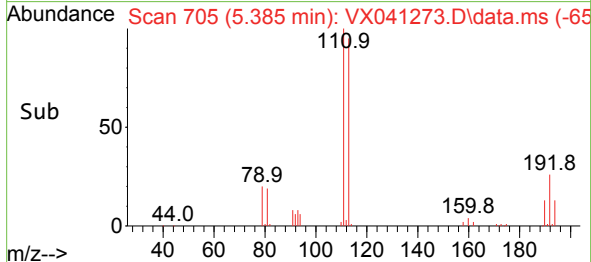
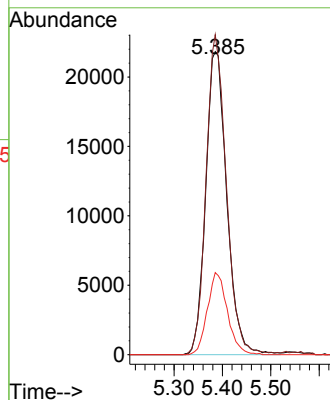
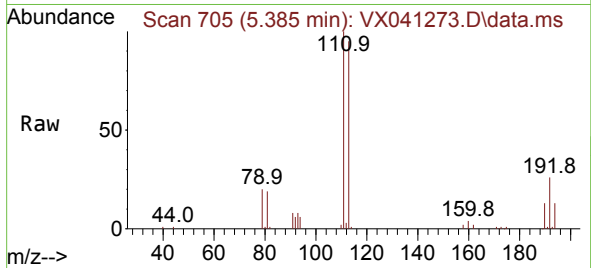




#35
Dibromofluoromethane
Concen: 50.949 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041273.D
Acq: 29 Apr 2024 13:53

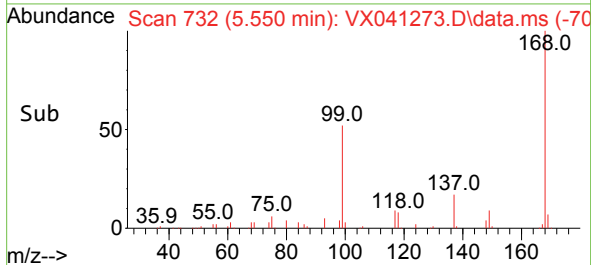
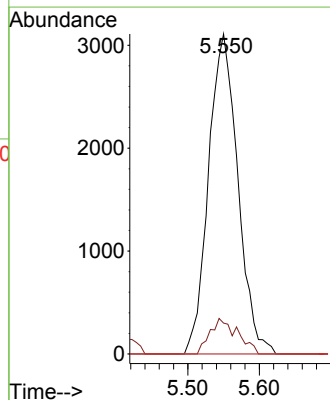
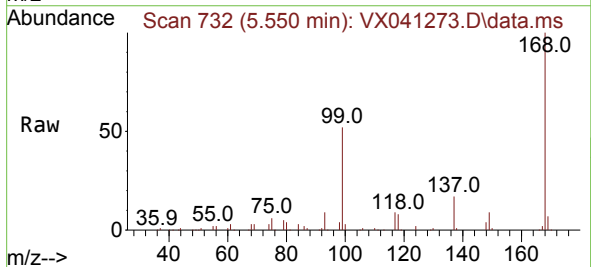
Instrument :
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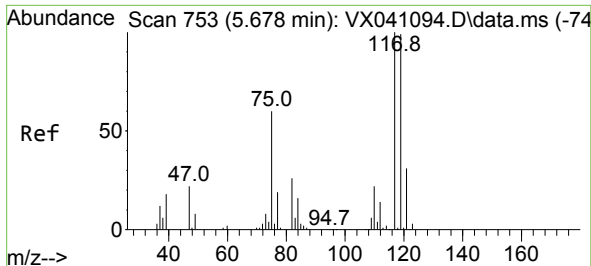
Tgt Ion:113 Resp: 66107
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 25.7 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.332 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041273.D
Acq: 29 Apr 2024 13:53

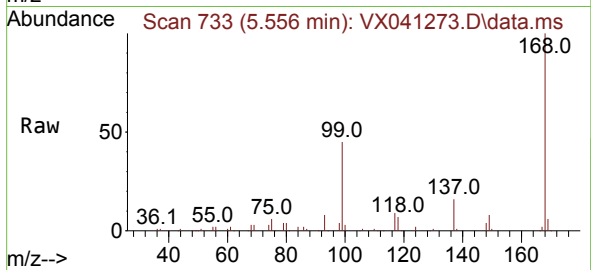
Tgt Ion: 75 Resp: 8852
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#



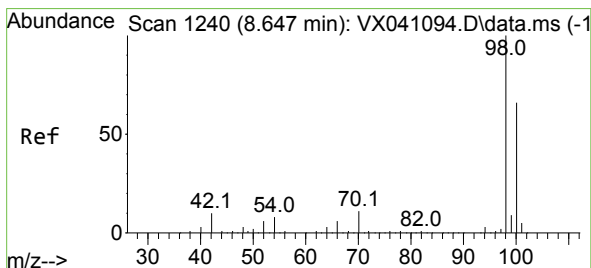
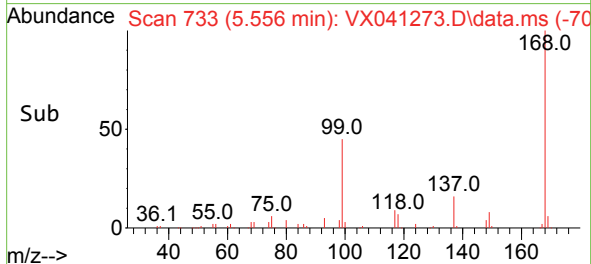
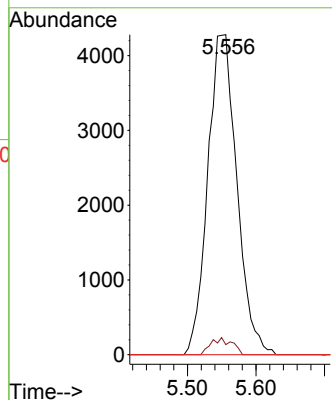


#38
Carbon Tetrachloride
Concen: 6.818 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX041273.D
Acq: 29 Apr 2024 13:53

Instrument :
MSVOA_X
ClientSampleId :

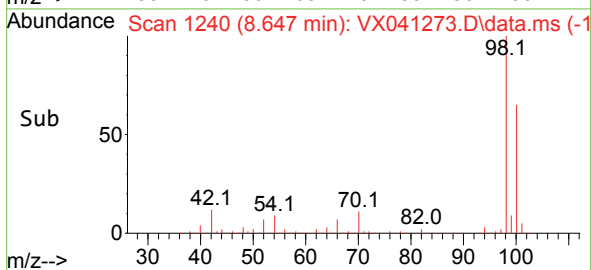
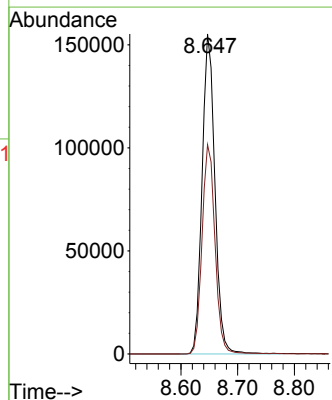
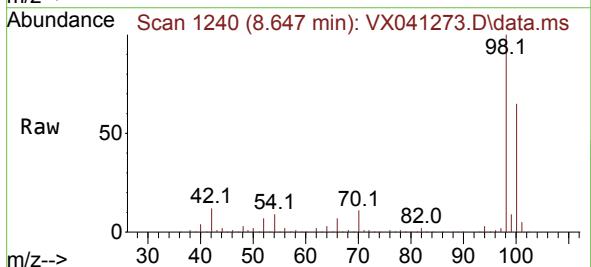


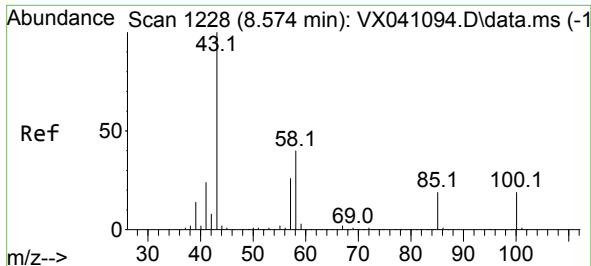
Tgt Ion:117 Resp: 12643
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 55.655 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041273.D
Acq: 29 Apr 2024 13:53

Tgt Ion: 98 Resp: 243641
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

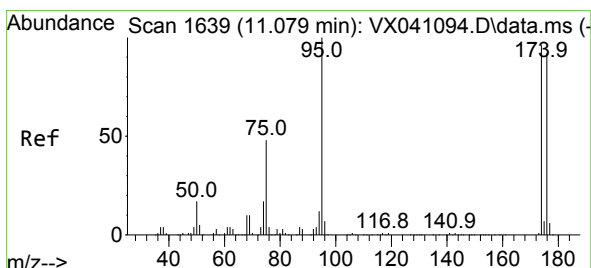
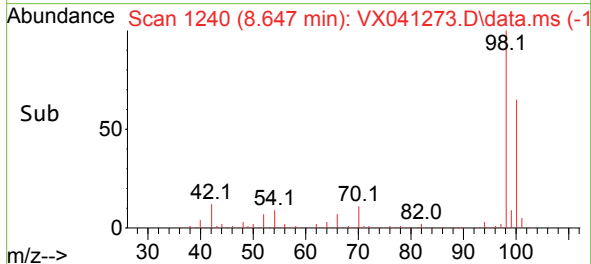
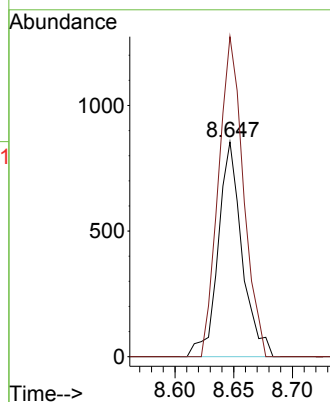
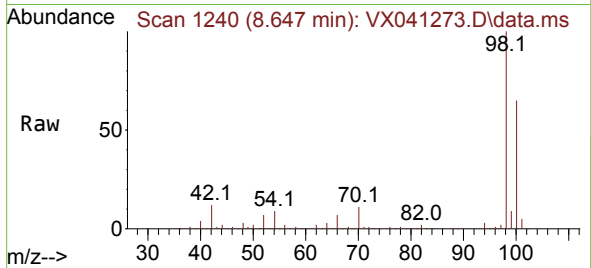




#51
4-Methyl-2-Pentanone
Concen: 0.658 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041273.D
Acq: 29 Apr 2024 13:53

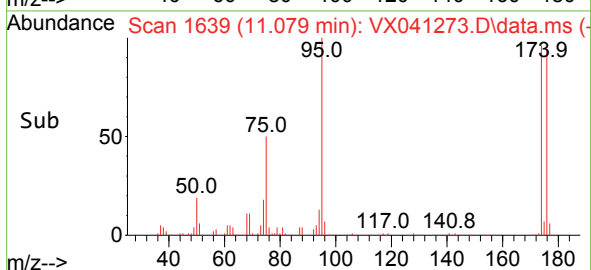
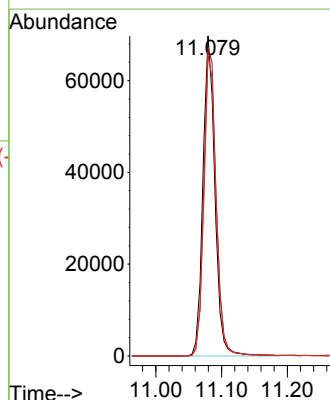
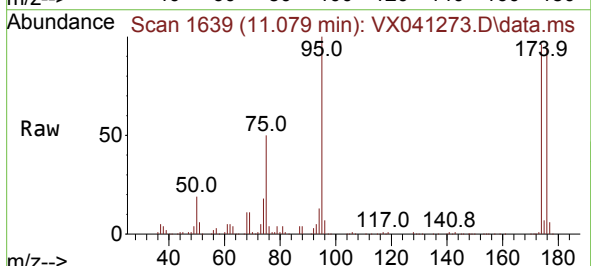
Instrument :
MSVOA_X
ClientSampleId :

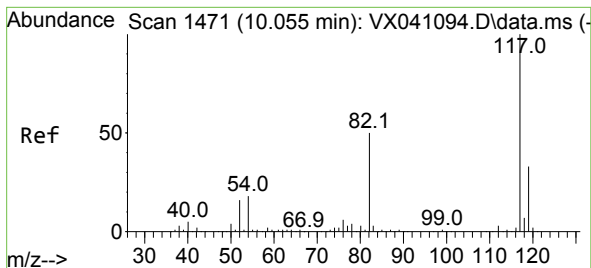
Tgt Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
58 155.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 54.470 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041273.D
Acq: 29 Apr 2024 13:53

Tgt Ion: 95 Resp: 88013
Ion Ratio Lower Upper
95 100
174 99.9 0.0 135.6
176 96.2 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: VX041273.D

Acq: 29 Apr 2024 13:53

Instrument :

MSVOA_X

ClientSampleId :

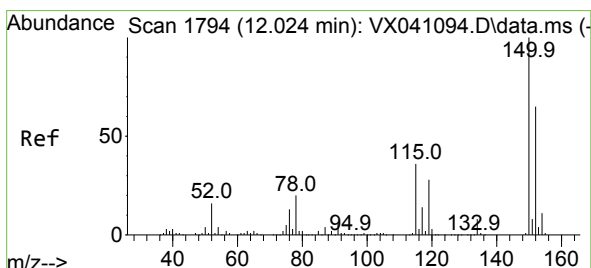
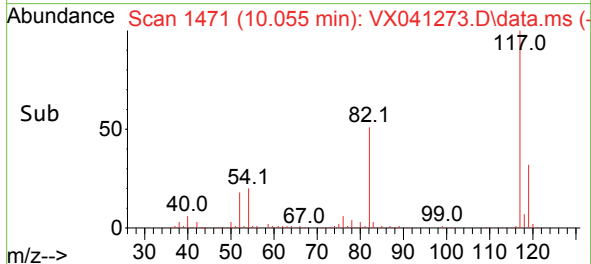
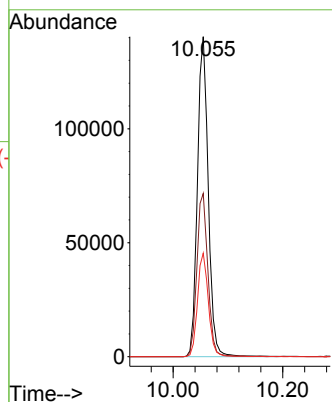
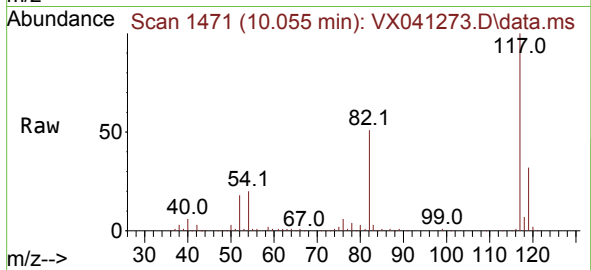
Tgt Ion:117 Resp: 193404

Ion Ratio Lower Upper

117 100

82 51.0 46.2 69.4

119 32.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041273.D

Acq: 29 Apr 2024 13:53

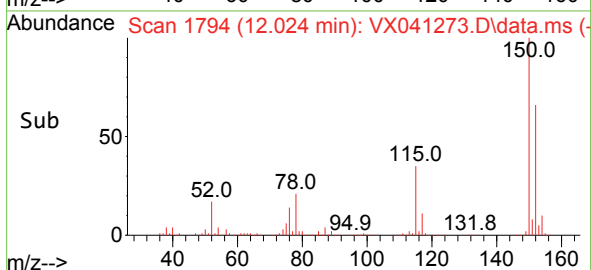
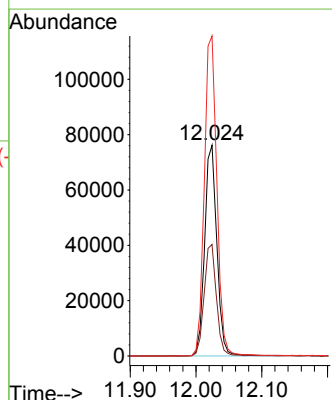
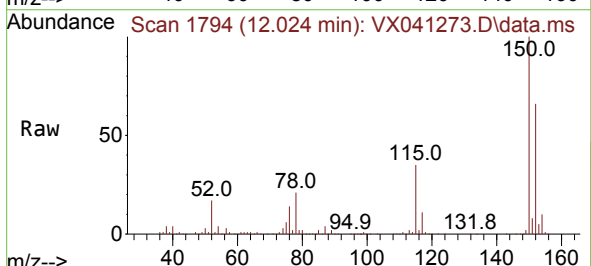
Tgt Ion:152 Resp: 98739

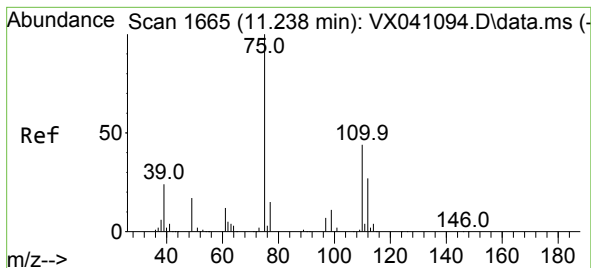
Ion Ratio Lower Upper

152 100

115 53.3 43.3 129.9

150 155.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.065 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041273.D

Acq: 29 Apr 2024 13:53

Instrument :

MSVOA_X

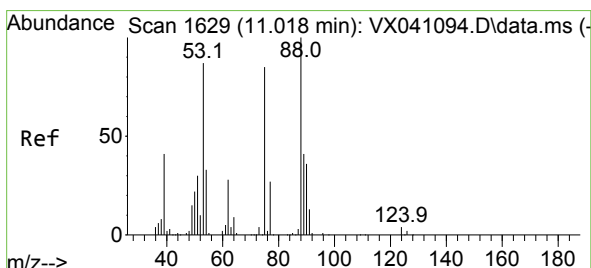
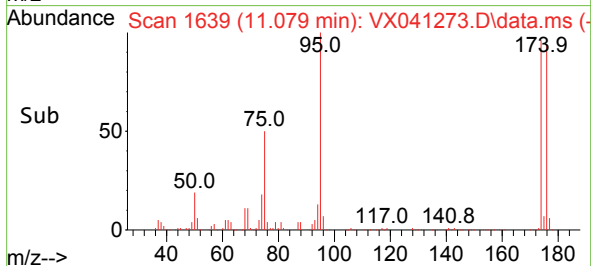
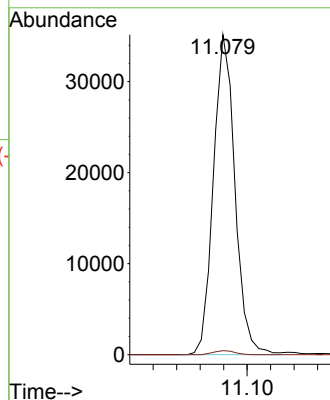
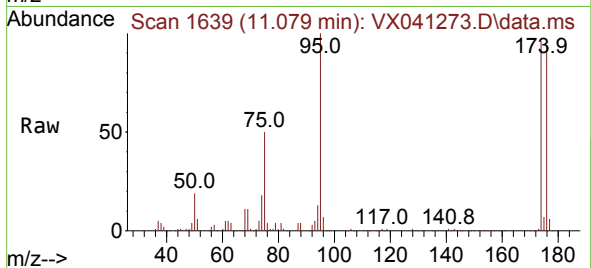
ClientSampleId :

Tgt Ion: 75 Resp: 44647

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.179 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041273.D

Acq: 29 Apr 2024 13:53

Tgt Ion: 75 Resp: 44647

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

