

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042934.D
 Acq On : 08 Aug 2024 00:41
 Operator : JC/MD
 Sample : P3410-01DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-S-864-9-14-073024DL

Quant Time: Aug 08 04:05:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

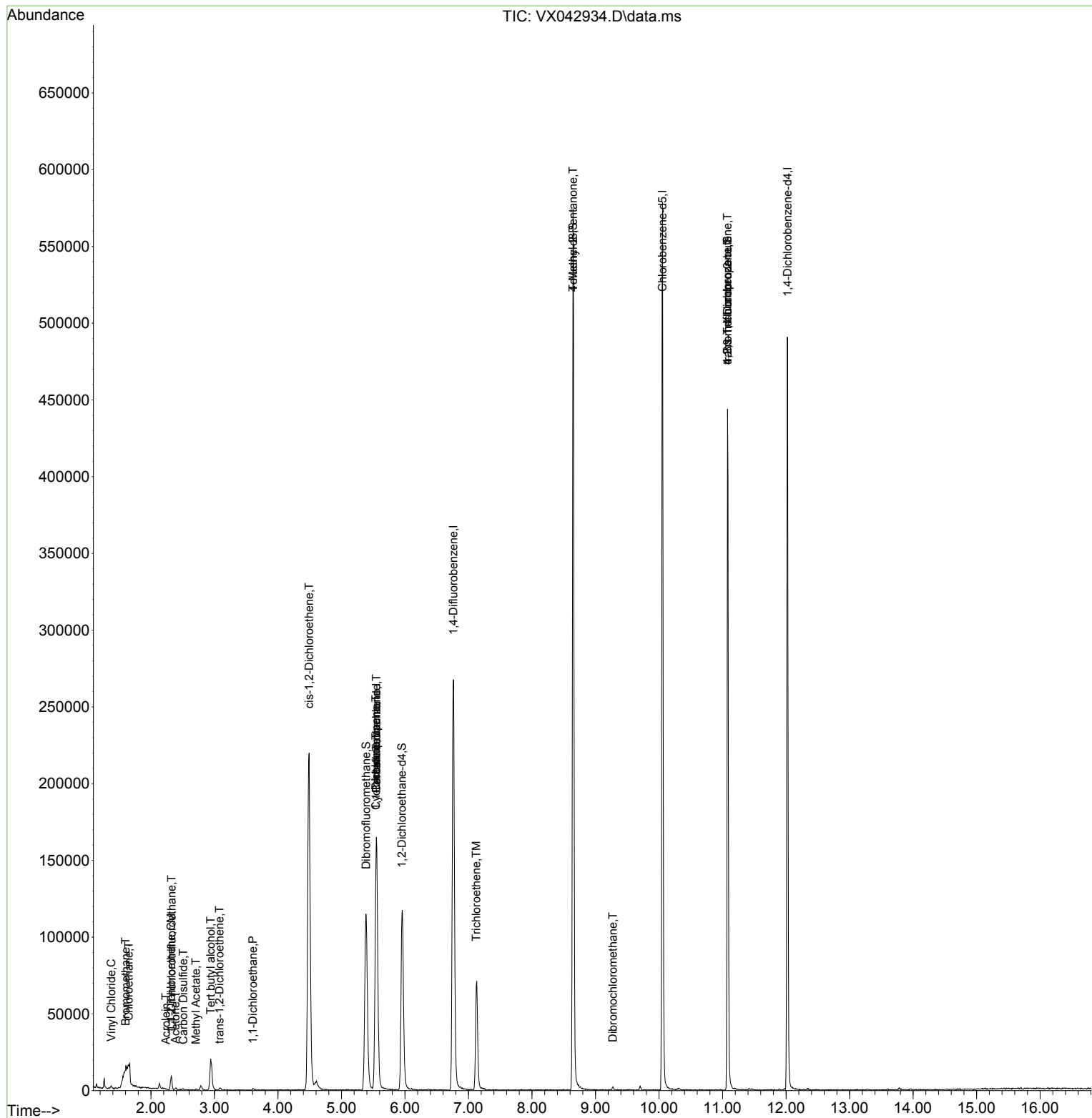
Internal Standards						
1) Pentafluorobenzene	5.550	168	156466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	288124	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	121569	56.597	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.200%	
35) Dibromofluoromethane	5.385	113	103939	55.172	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.340%	
50) Toluene-d8	8.647	98	346401	51.795	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	11.079	95	122980	51.172	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.340%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	562	0.322	ug/l #	72
5) Bromomethane	1.599	94	524	0.497	ug/l #	78
6) Chloroethane	1.648	64	290	0.292	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	2858	1.676	ug/l	94
11) Tert butyl alcohol	2.940	59	12114	28.354	ug/l #	80
12) 1,1-Dichloroethene	2.319	96	560	0.325	ug/l #	45
13) Acrolein	2.233	56	97	0.230	ug/l #	1
16) Acetone	2.386	43	1273	1.366	ug/l #	84
17) Carbon Disulfide	2.508	76	967	0.230	ug/l #	76
18) Methyl Acetate	2.709	43	824	0.279	ug/l #	58
20) Methylene Chloride	2.788	84	1630	Below Cal	#	83
21) trans-1,2-Dichloroethene	3.081	96	672	0.387	ug/l #	47
24) 1,1-Dichloroethane	3.605	63	1202	0.365	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	143067	69.528	ug/l	83
31) Cyclohexane	5.544	56	3134	1.166	ug/l #	22
36) 1,1-Dichloropropene	5.544	75	11904	4.661	ug/l #	50
38) Carbon Tetrachloride	5.550	117	16565	5.745	ug/l #	16
44) Trichloroethene	7.123	130	29648	14.885	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1624	0.513	ug/l #	1
60) Dibromochloromethane	9.275	129	442	0.206	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	63265	25.114	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	63265	81.660	ug/l #	5

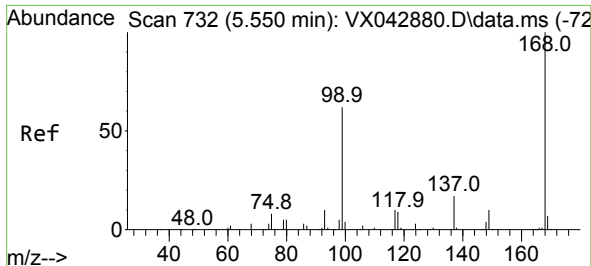
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GW-S-864-9-14-073024DL

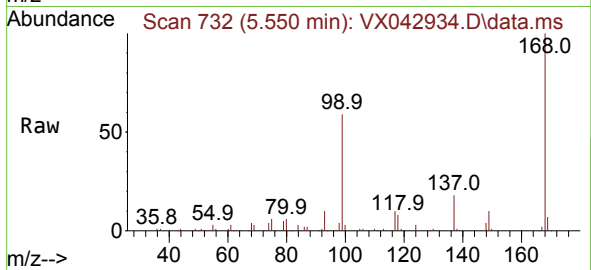
Quant Time: Aug 08 04:05:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration



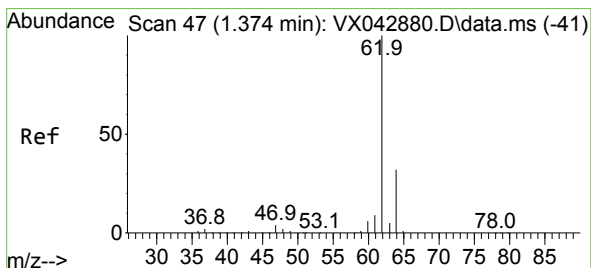
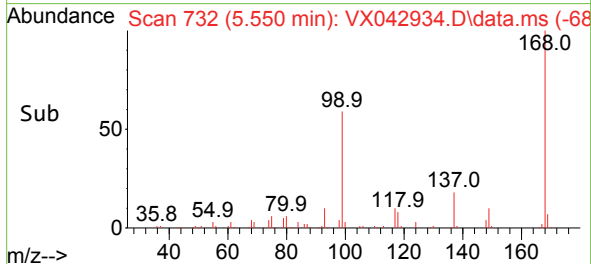
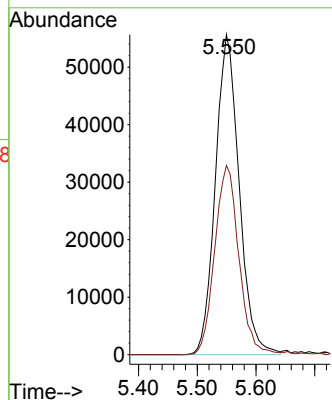


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

Instrument :
MSVOA_X
ClientSampleId :
GW-S-864-9-14-073024DL

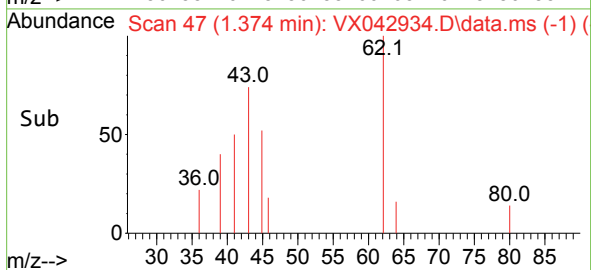
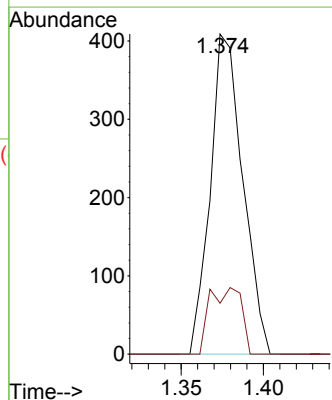
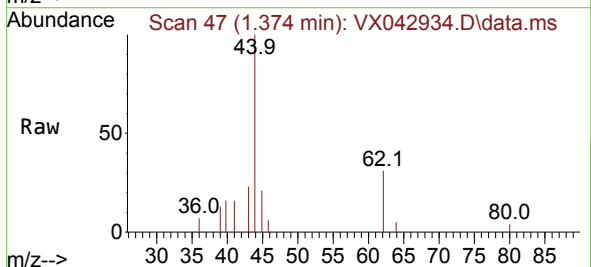


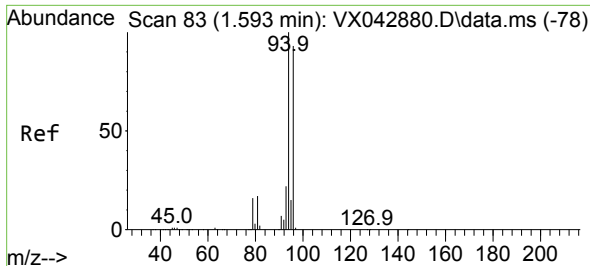
Tgt Ion:168 Resp: 156466
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#4
Vinyl Chloride
Concen: 0.322 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

Tgt Ion: 62 Resp: 562
Ion Ratio Lower Upper
62 100
64 15.9 25.4 38.0#

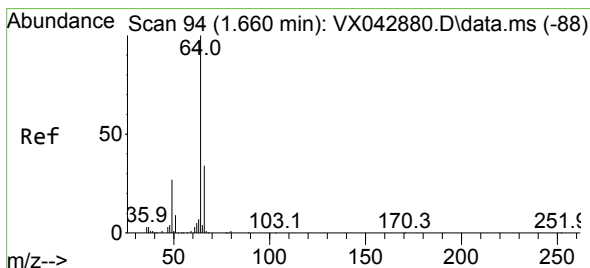
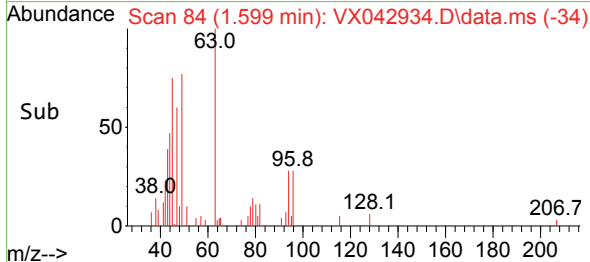
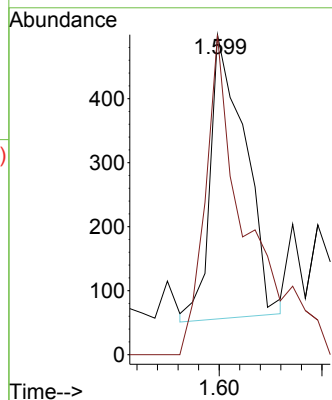
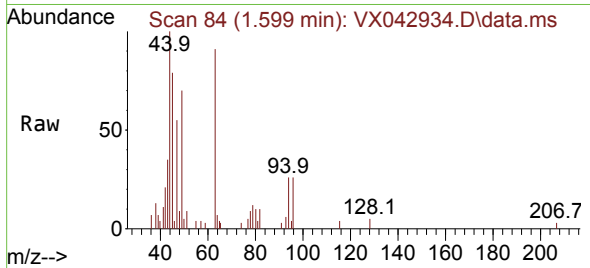




#5
Bromomethane
Concen: 0.497 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

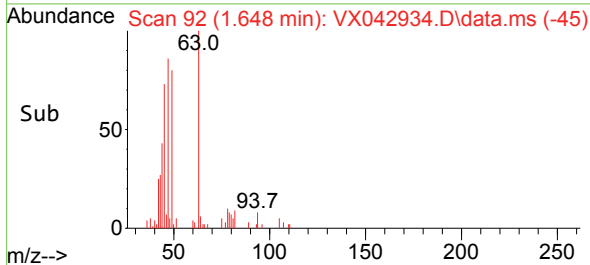
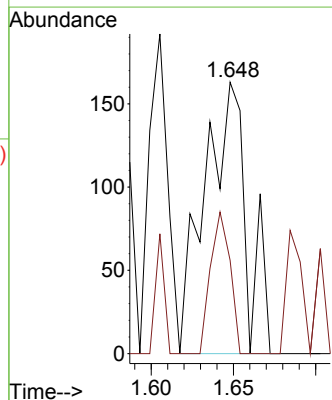
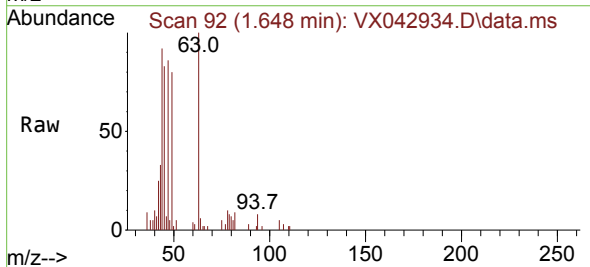
Instrument :
MSVOA_X
ClientSampleId :
GW-S-864-9-14-073024DL

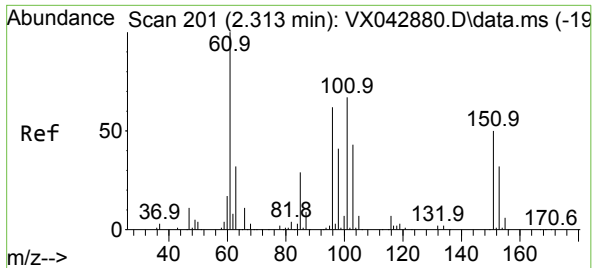
Tgt Ion: 94 Resp: 524
Ion Ratio Lower Upper
94 100
96 114.7 74.6 111.8#



#6
Chloroethane
Concen: 0.292 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.012 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

Tgt Ion: 64 Resp: 290
Ion Ratio Lower Upper
64 100
66 34.4 25.1 37.7

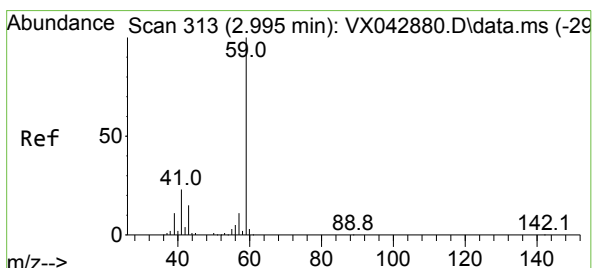
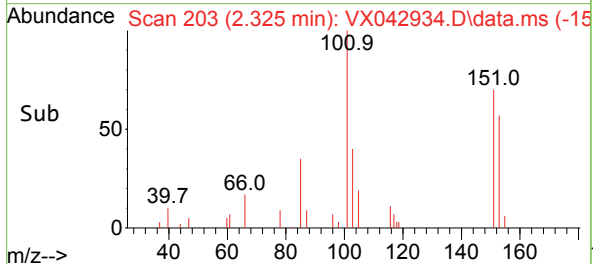
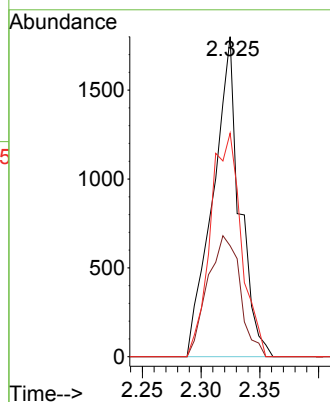
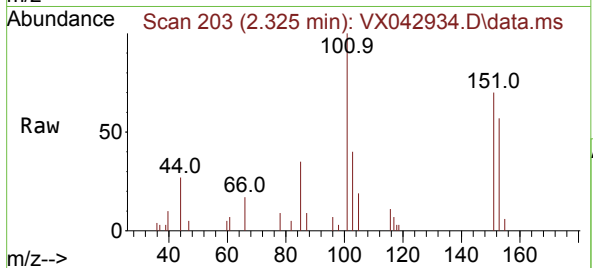




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.676 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

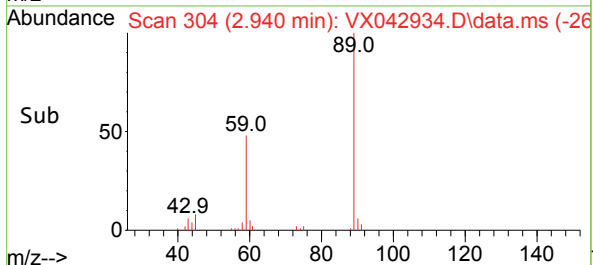
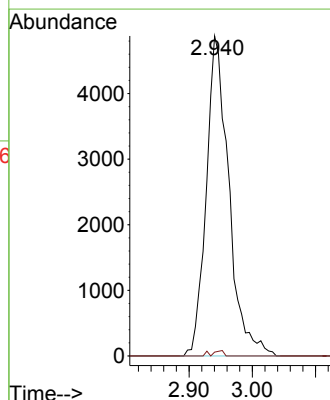
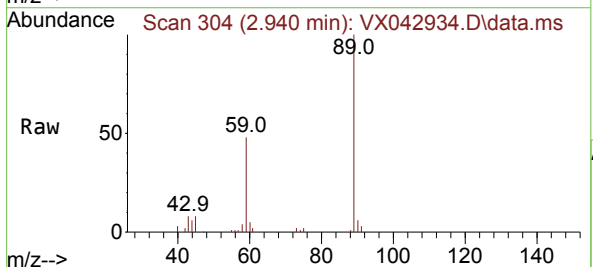
Instrument :
MSVOA_X
ClientSampleId :
GW-S-864-9-14-073024DL

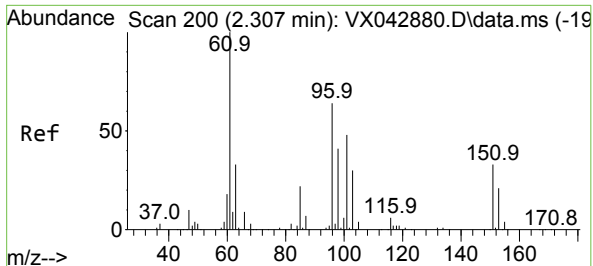
Tgt Ion:101 Resp: 2858
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.6
151 80.7 58.6 87.8



#11
Tert butyl alcohol
Concen: 28.354 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

Tgt Ion: 59 Resp: 12114
Ion Ratio Lower Upper
59 100
57 0.6 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.325 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX042934.D

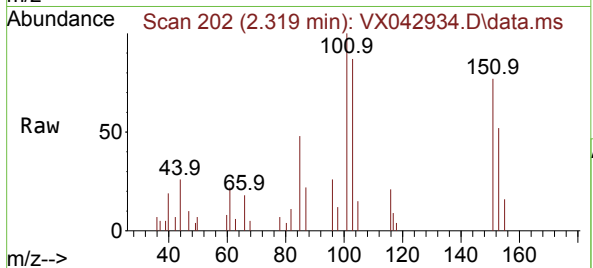
Acq: 08 Aug 2024 00:41

Instrument :

MSVOA_X

ClientSampleId :

GW-S-864-9-14-073024DL



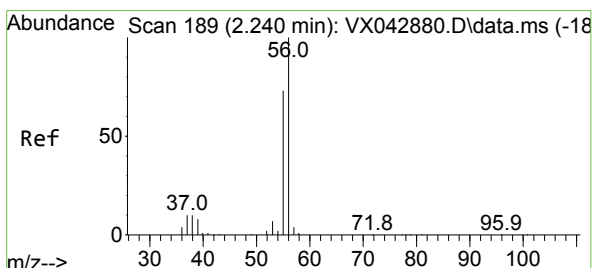
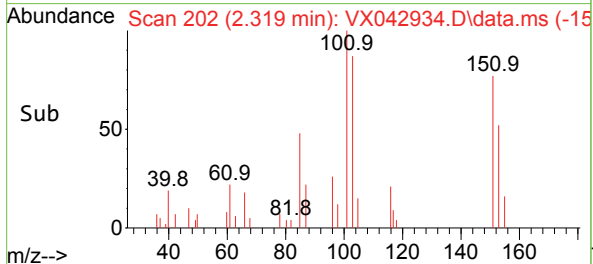
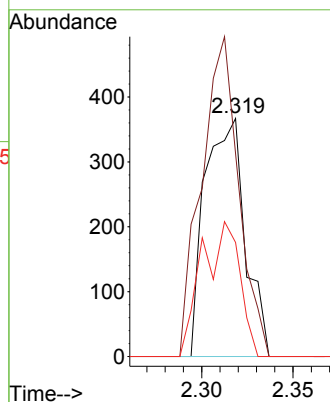
Tgt Ion: 96 Resp: 560

Ion Ratio Lower Upper

96 100

61 85.3 144.6 216.8#

98 48.0 50.4 75.6#



#13

Acrolein

Concen: 0.230 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX042934.D

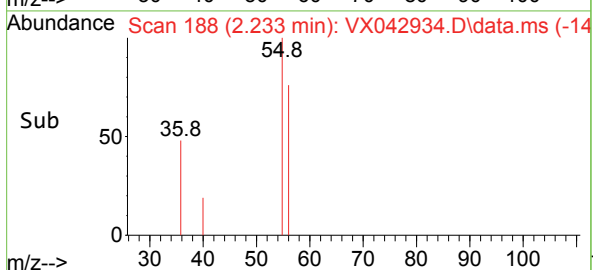
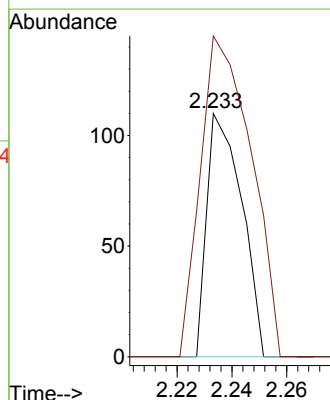
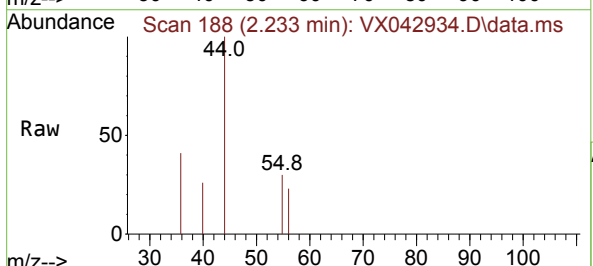
Acq: 08 Aug 2024 00:41

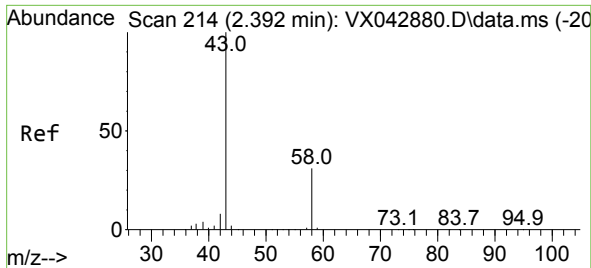
Tgt Ion: 56 Resp: 97

Ion Ratio Lower Upper

56 100

55 192.8 57.1 85.7#

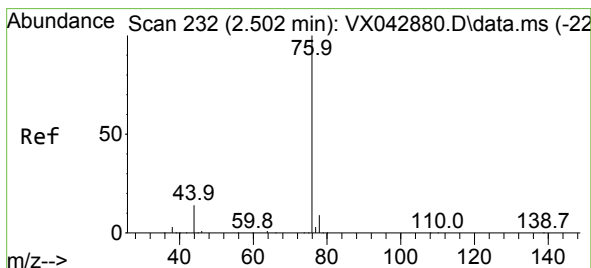
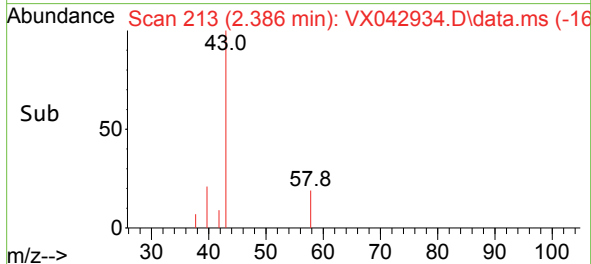
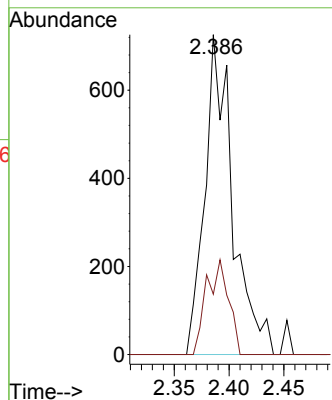
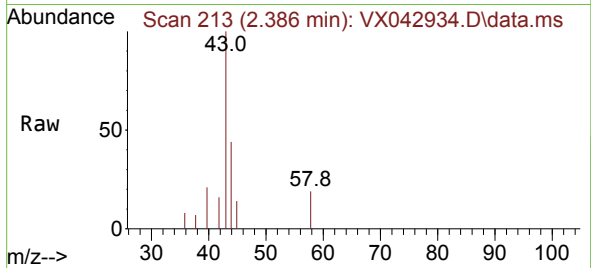




#16
Acetone
Concen: 1.366 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

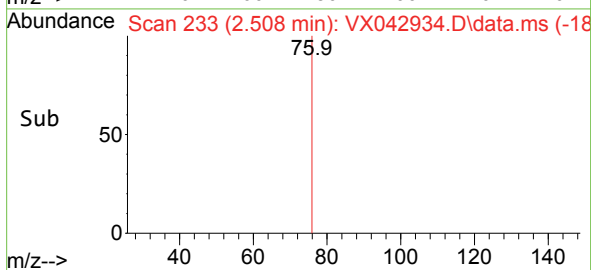
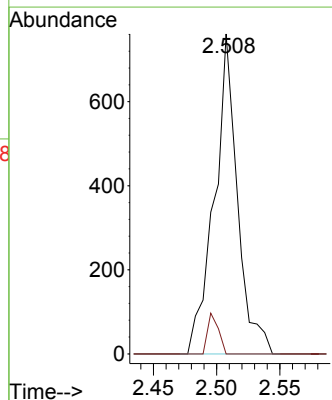
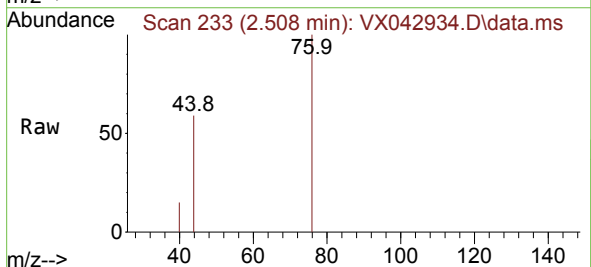
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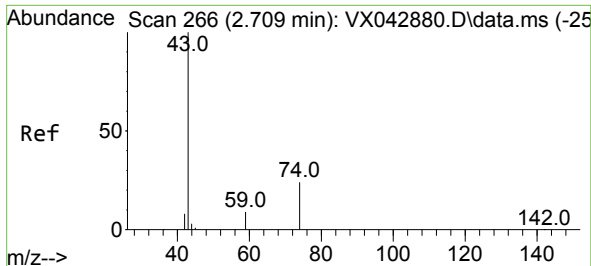
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 18.9 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.230 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

Tgt Ion: 76 Resp: 967
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

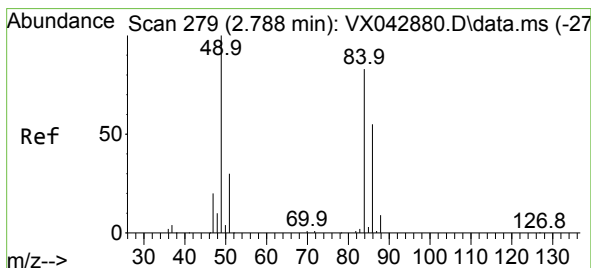
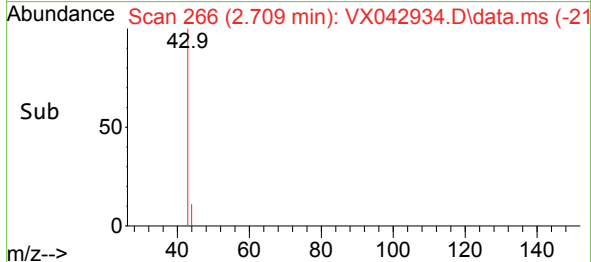
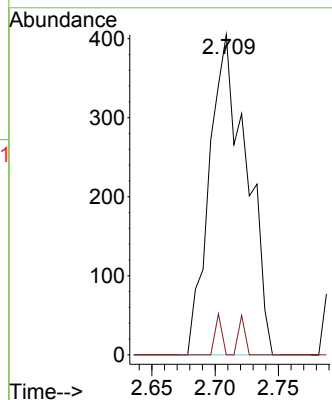
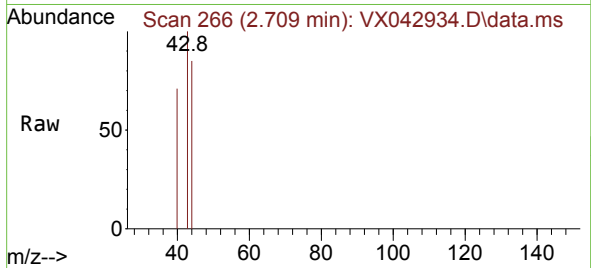




#18
Methyl Acetate
Concen: 0.279 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

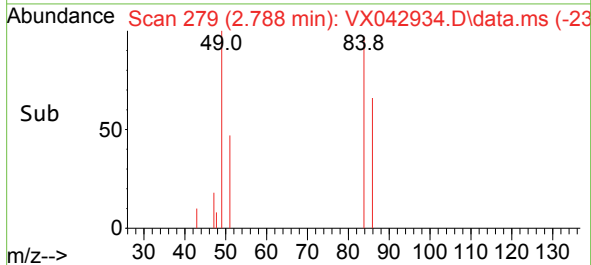
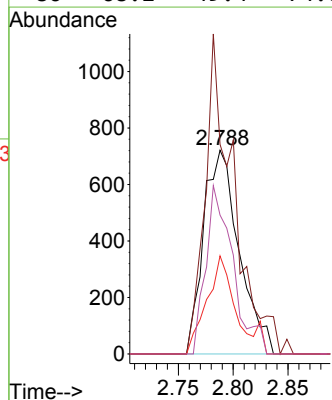
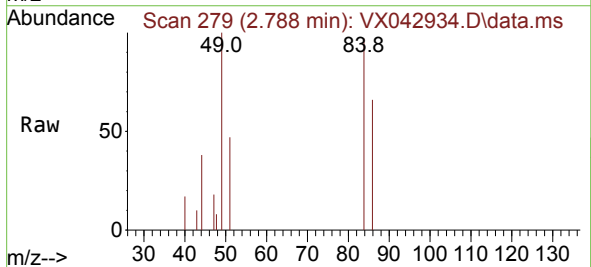
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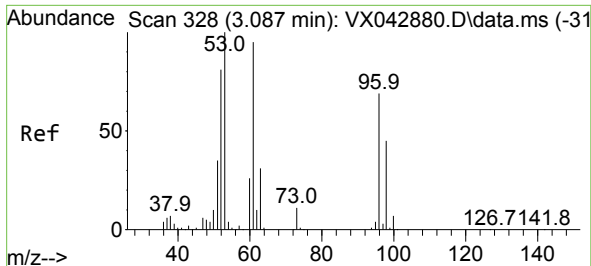
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
74 2.3 17.8 26.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

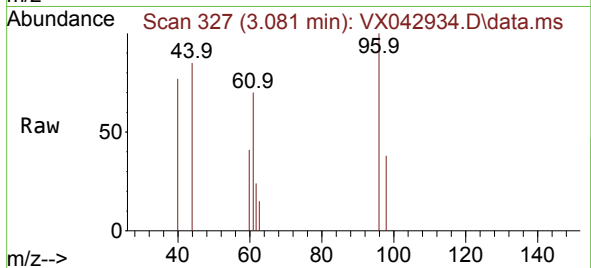
Tgt Ion: 84 Resp: 1630
Ion Ratio Lower Upper
84 100
49 102.9 103.6 155.4#
51 48.1 33.8 50.6
86 68.2 49.4 74.0



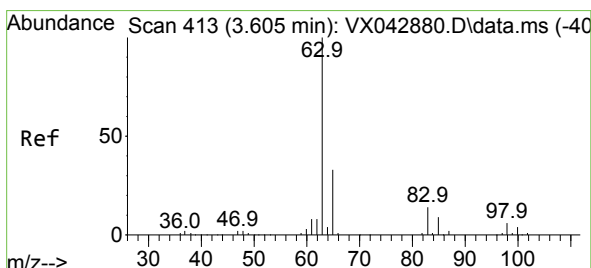
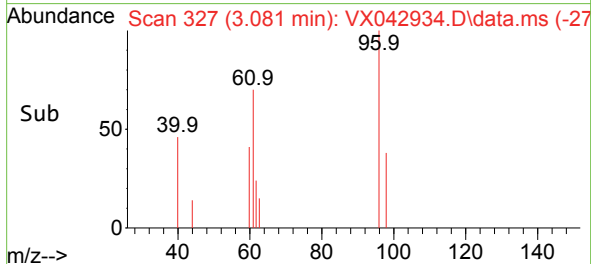
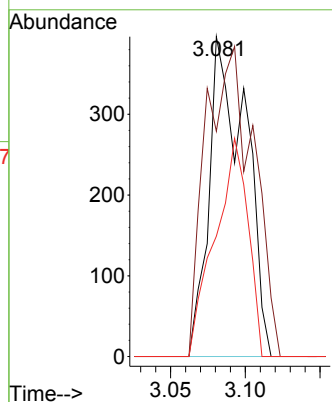


#21
trans-1,2-Dichloroethene
Concen: 0.387 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

Instrument :
MSVOA_X
ClientSampleId :
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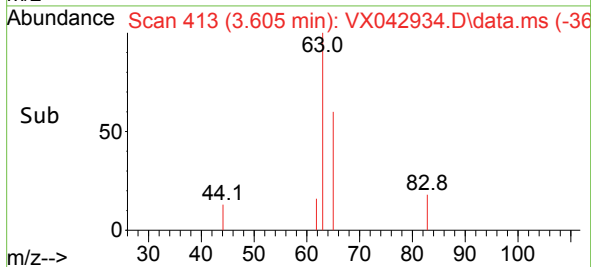
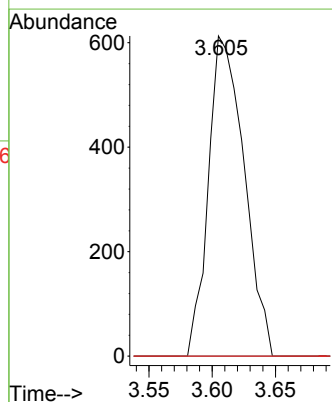
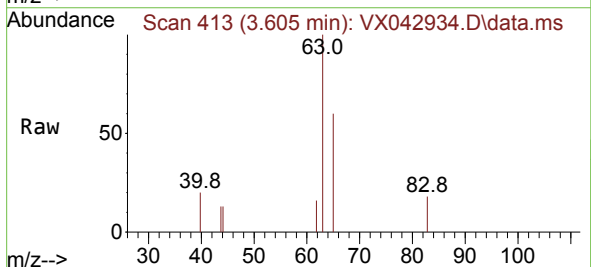


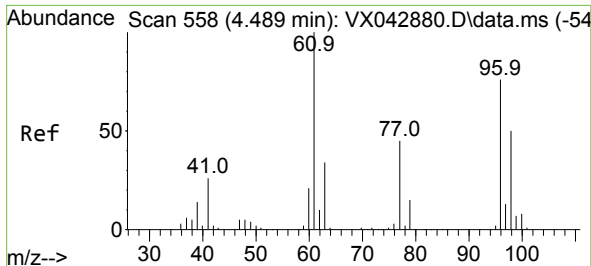
Tgt Ion: 96 Resp: 672
Ion Ratio Lower Upper
96 100
61 70.5 119.2 178.8#
98 37.6 48.7 73.1#



#24
1,1-Dichloroethane
Concen: 0.365 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

Tgt Ion: 63 Resp: 1202
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#

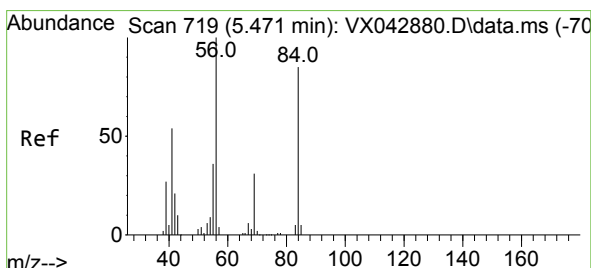
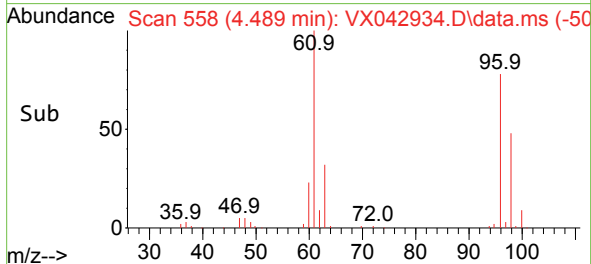
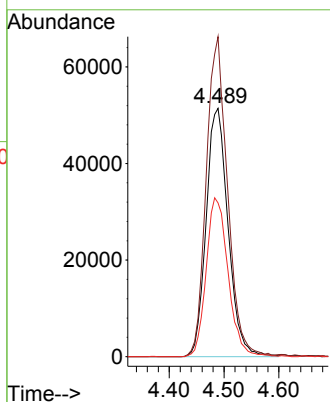
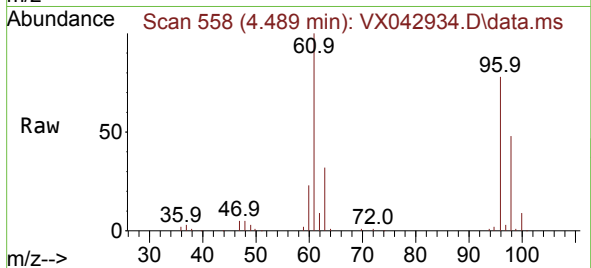




#27
 cis-1,2-Dichloroethene
 Concen: 69.528 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX042934.D
 Acq: 08 Aug 2024 00:41

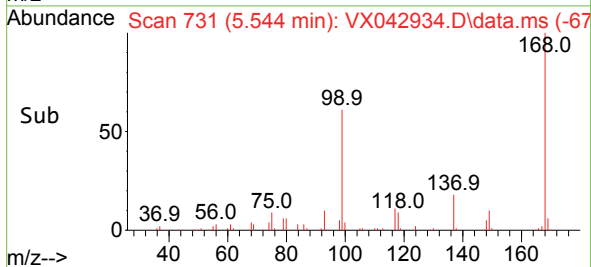
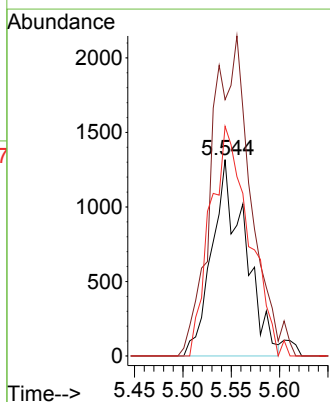
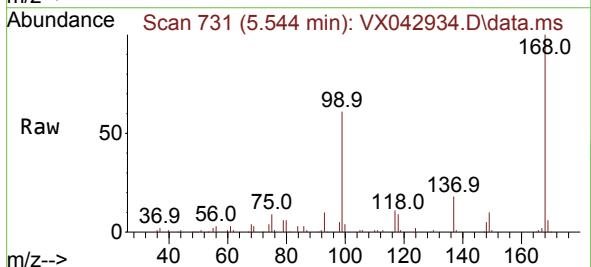
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-S-864-9-14-073024DL

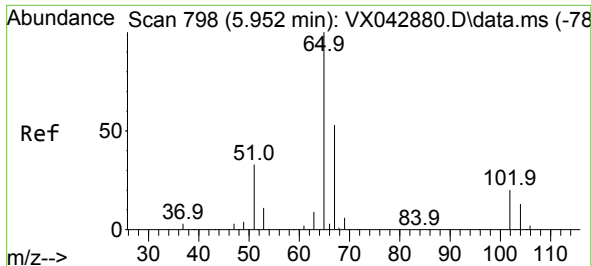
Tgt Ion: 96 Resp: 143067
 Ion Ratio Lower Upper
 96 100
 61 124.8 0.0 312.2
 98 63.8 0.0 129.0



#31
 Cyclohexane
 Concen: 1.166 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.073 min
 Lab File: VX042934.D
 Acq: 08 Aug 2024 00:41

Tgt Ion: 56 Resp: 3134
 Ion Ratio Lower Upper
 56 100
 69 130.6 23.4 35.2#
 84 117.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 56.597 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX042934.D

Acq: 08 Aug 2024 00:41

Instrument :

MSVOA_X

ClientSampleId :

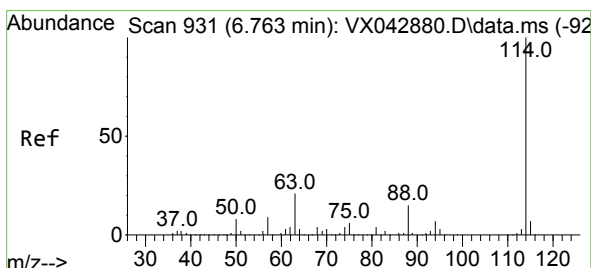
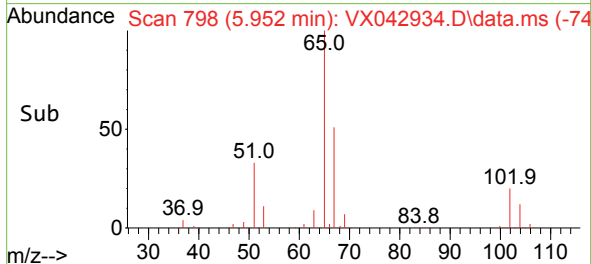
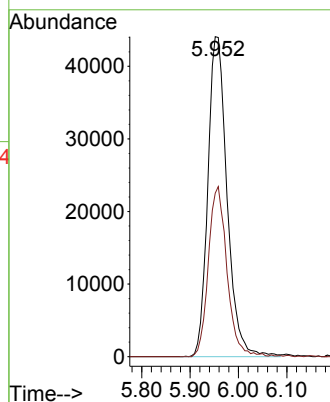
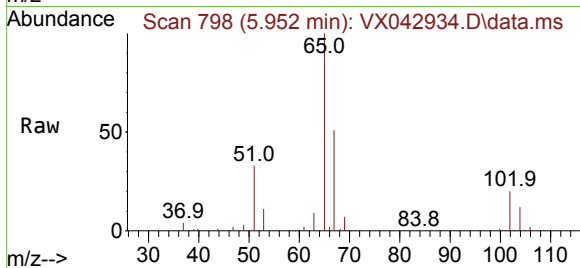
GW-S-864-9-14-073024DL

Tgt Ion: 65 Resp: 121569

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042934.D

Acq: 08 Aug 2024 00:41

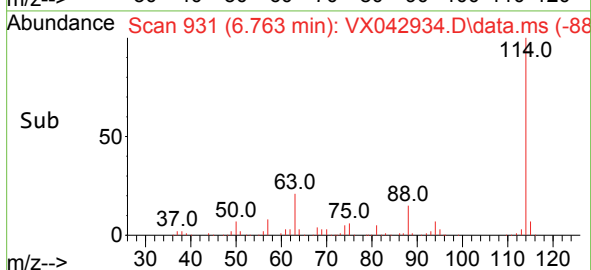
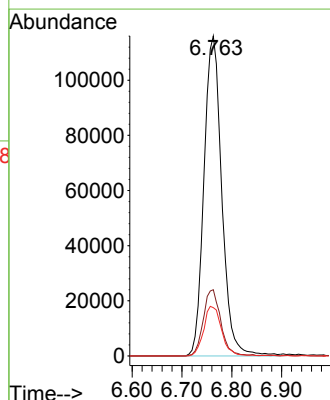
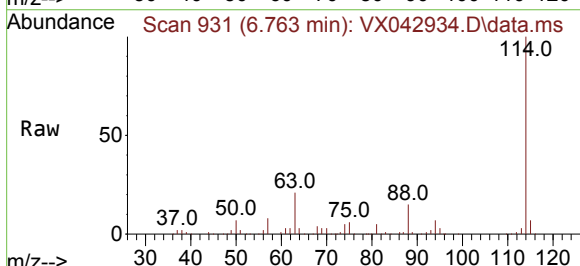
Tgt Ion:114 Resp: 288124

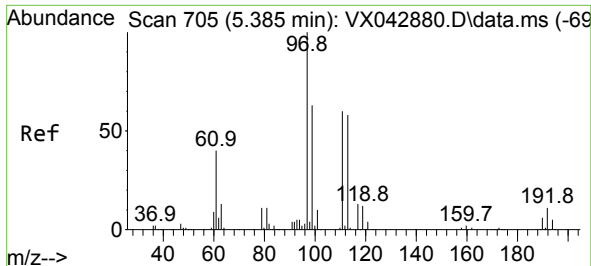
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 15.1 0.0 36.6

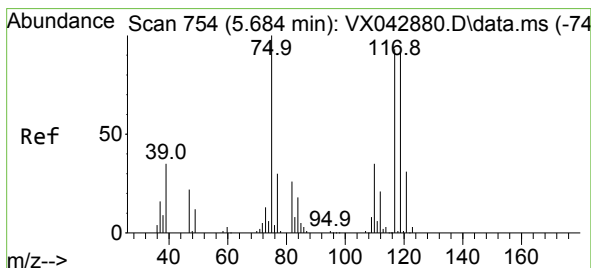
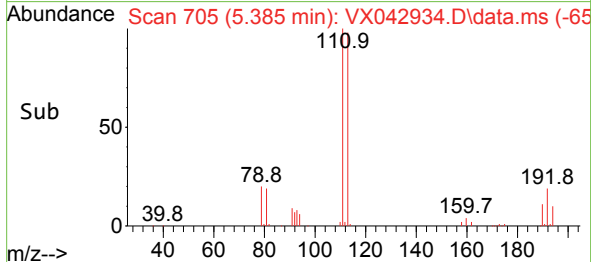
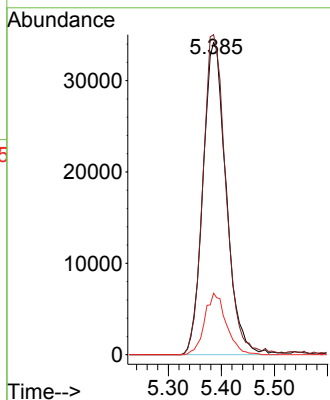
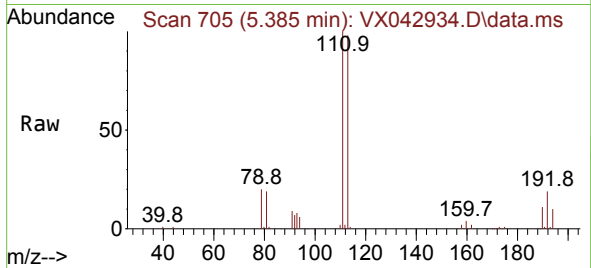




#35
Dibromofluoromethane
Concen: 55.172 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

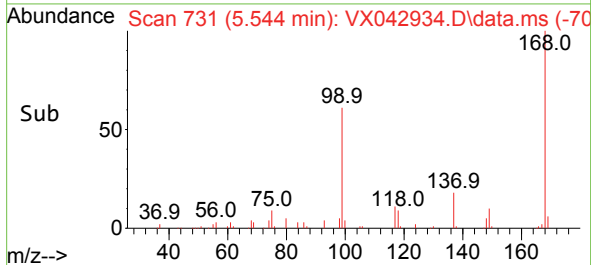
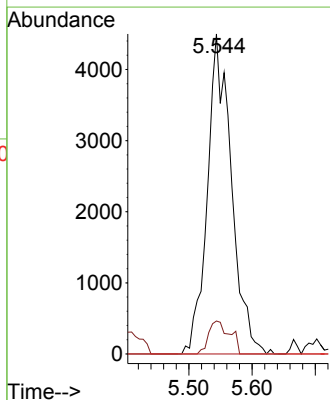
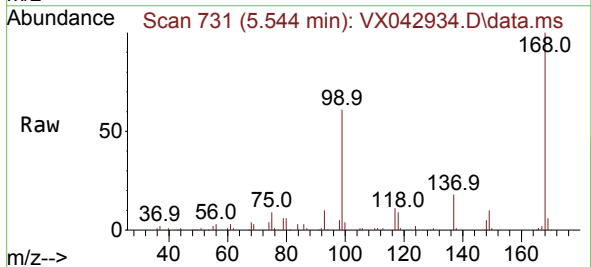
Instrument :
MSVOA_X
ClientSampleId :
GW-S-864-9-14-073024DL

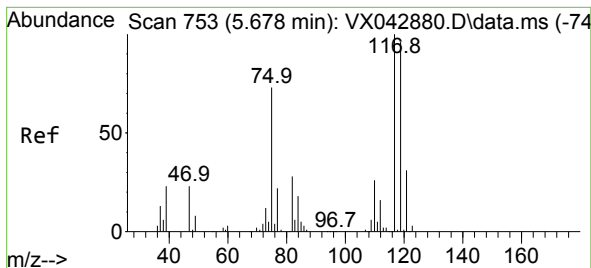
Tgt Ion:113 Resp: 103939
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.661 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

Tgt Ion: 75 Resp: 11904
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.745 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX042934.D

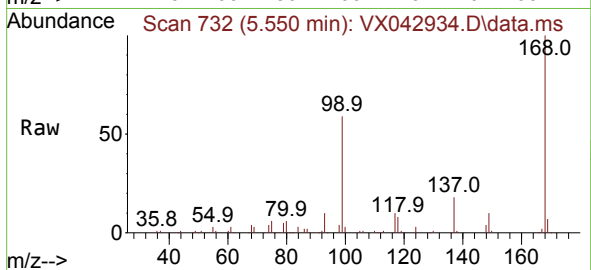
Acq: 08 Aug 2024 00:41

Instrument :

MSVOA_X

ClientSampleId :

GW-S-864-9-14-073024DL



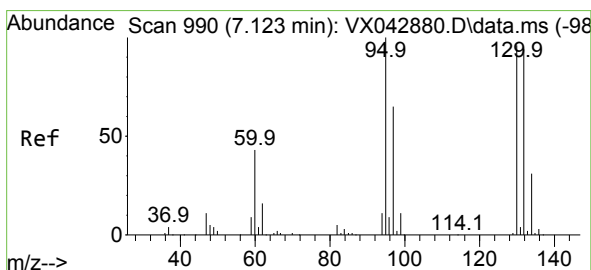
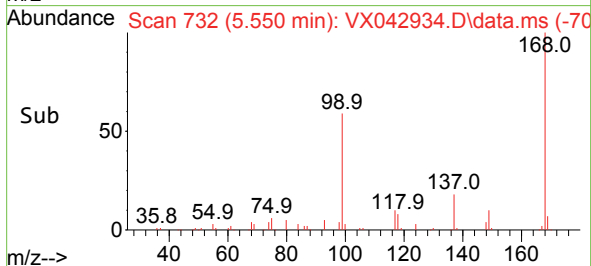
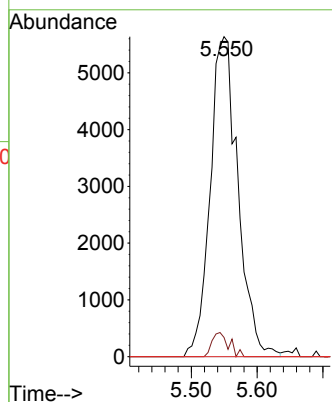
Tgt Ion:117 Resp: 16565

Ion Ratio Lower Upper

117 100

119 6.0 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 14.885 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX042934.D

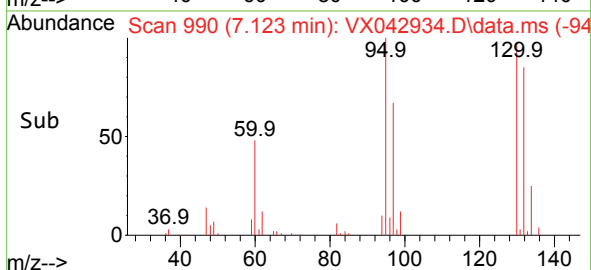
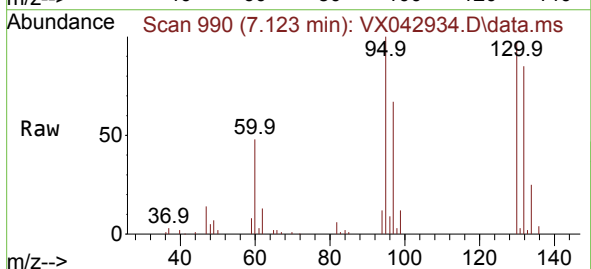
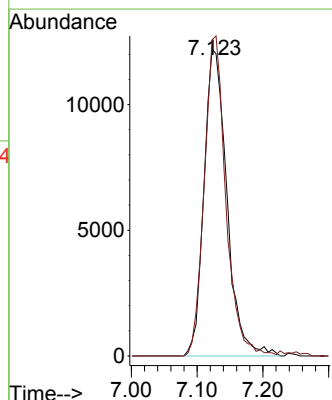
Acq: 08 Aug 2024 00:41

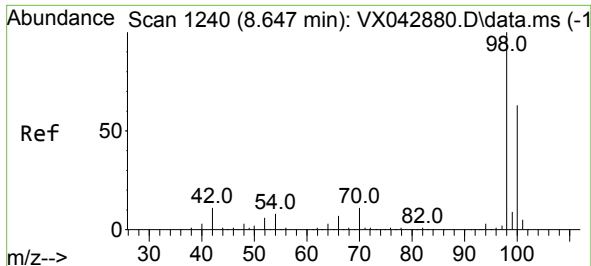
Tgt Ion:130 Resp: 29648

Ion Ratio Lower Upper

130 100

95 102.9 0.0 204.4

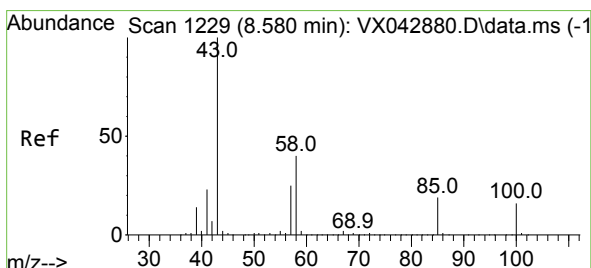
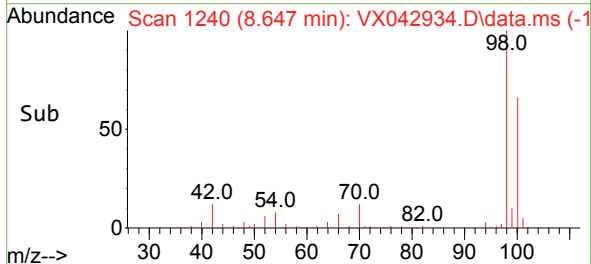
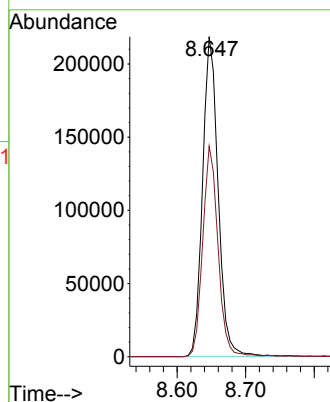
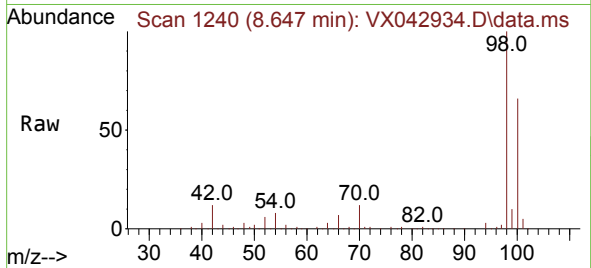




#50
Toluene-d8
Concen: 51.795 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

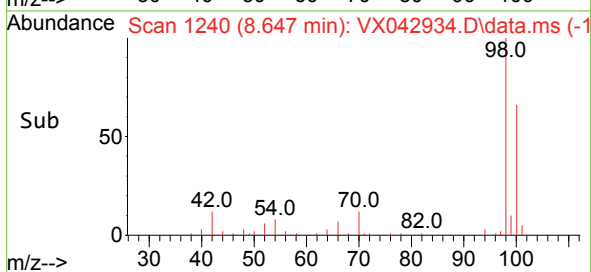
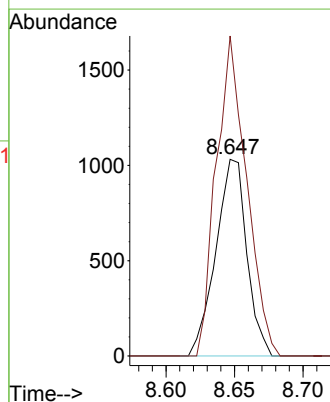
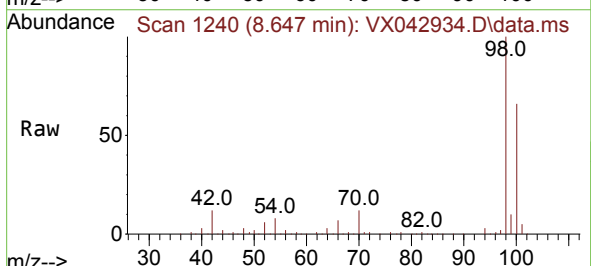
Instrument :
MSVOA_X
ClientSampleId :
GW-S-864-9-14-073024DL

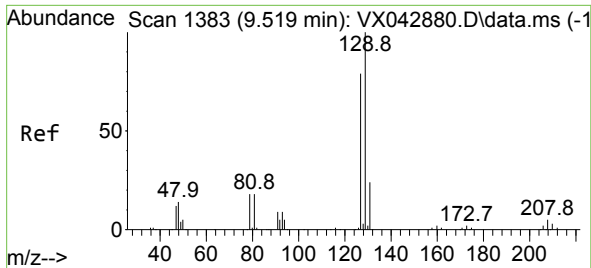
Tgt Ion: 98 Resp: 346401
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

Tgt Ion: 43 Resp: 1624
Ion Ratio Lower Upper
43 100
58 159.6 30.4 45.6#

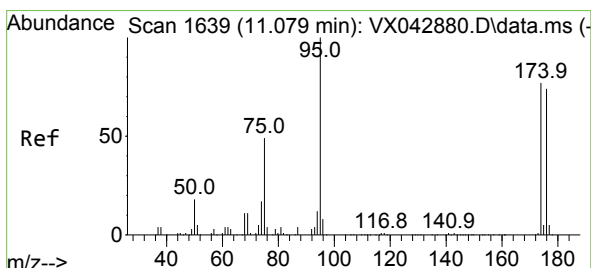
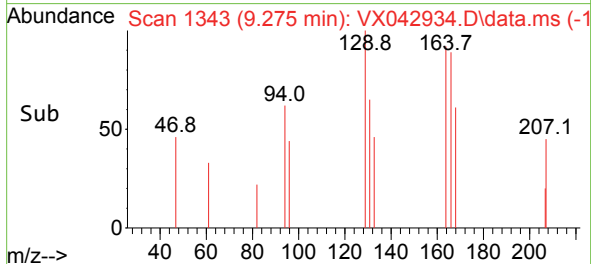
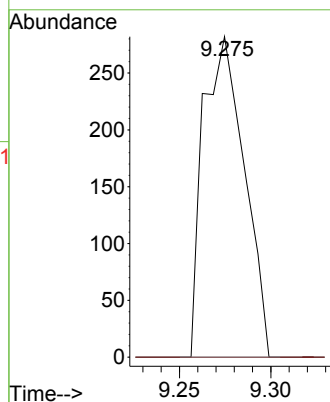
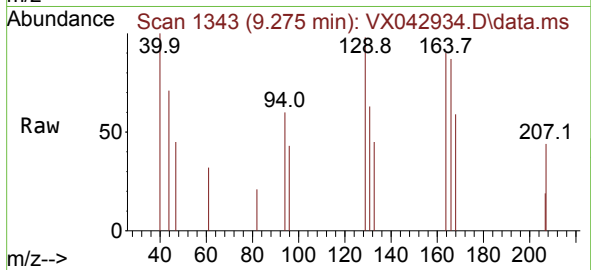




#60
Dibromochloromethane
Concen: 0.206 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

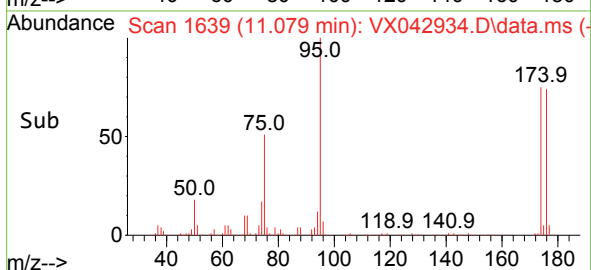
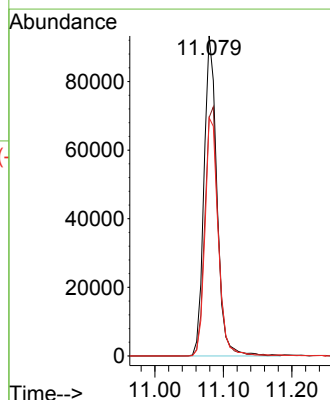
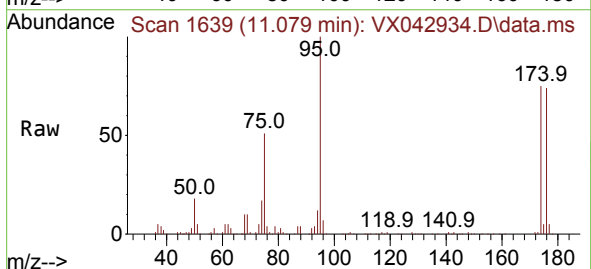
Instrument :
MSVOA_X
ClientSampleId :
GW-S-864-9-14-073024DL

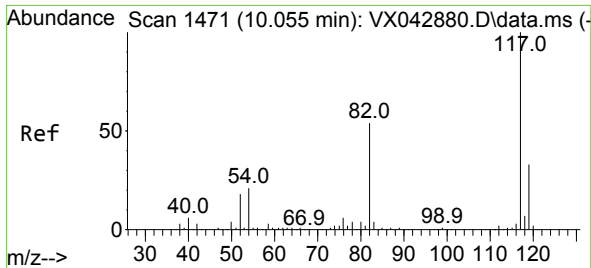
Tgt Ion:129 Resp: 442
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 51.172 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

Tgt Ion: 95 Resp: 122980
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 76.0 0.0 131.0

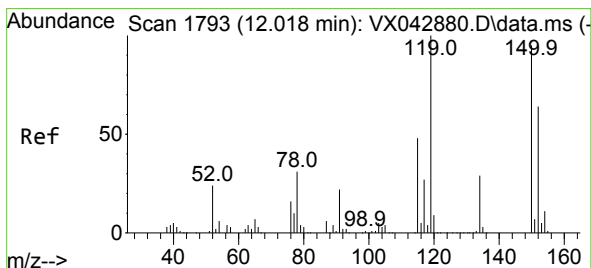
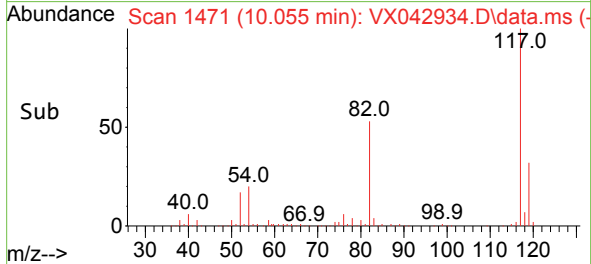
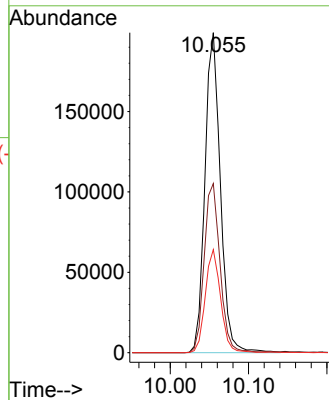
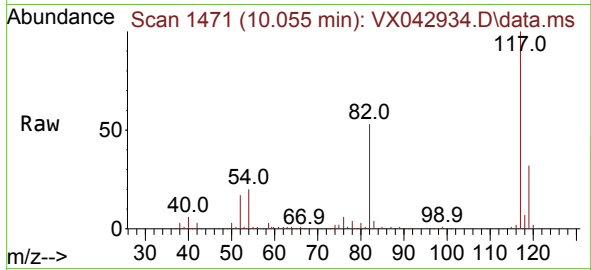




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

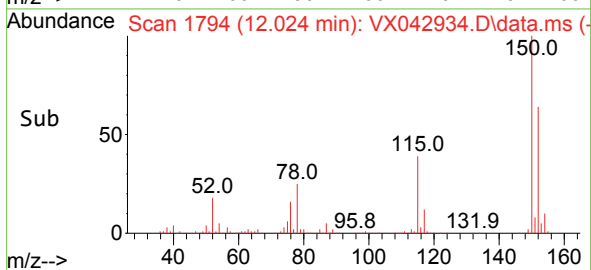
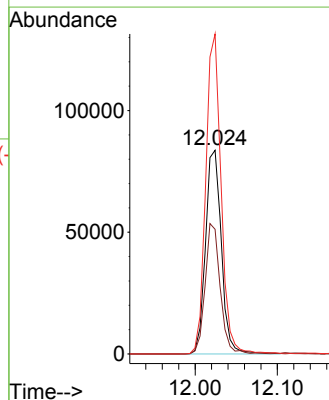
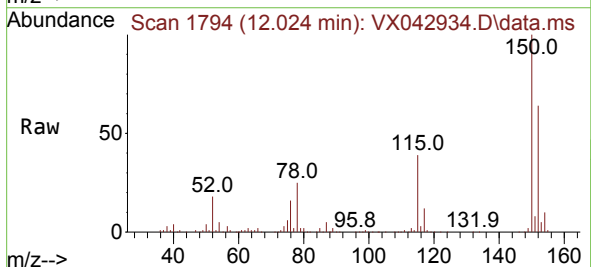
Instrument :
MSVOA_X
ClientSampleId :
GW-S-864-9-14-073024DL

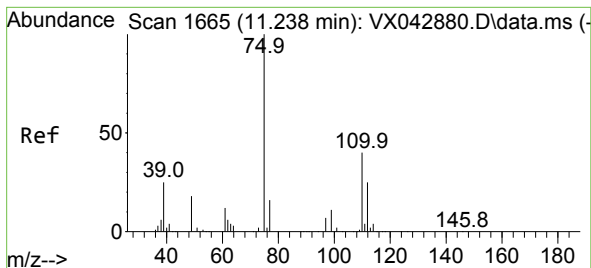
Tgt Ion:117 Resp: 272628
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX042934.D
Acq: 08 Aug 2024 00:41

Tgt Ion:152 Resp: 112010
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 152.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.114 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042934.D

Acq: 08 Aug 2024 00:41

Instrument :

MSVOA_X

ClientSampleId :

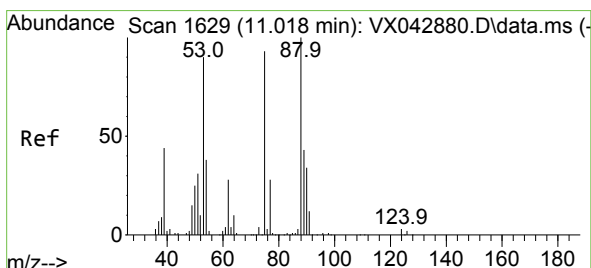
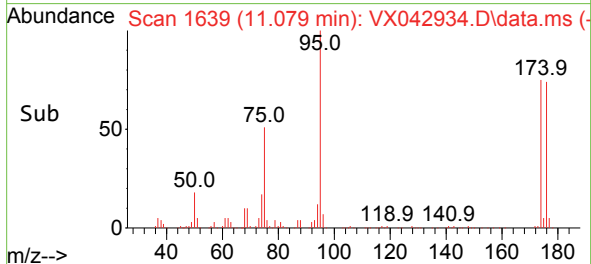
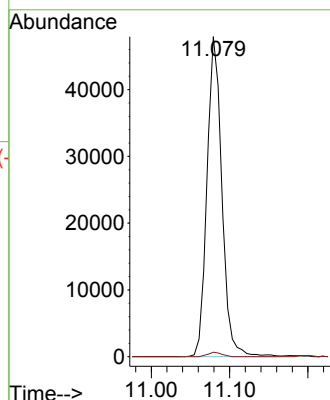
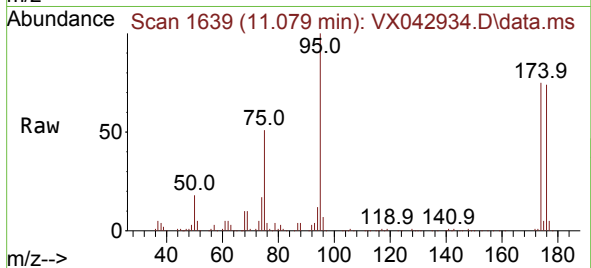
GW-S-864-9-14-073024DL

Tgt Ion: 75 Resp: 63265

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.660 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042934.D

Acq: 08 Aug 2024 00:41

Tgt Ion: 75 Resp: 63265

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

