

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034524.D
 Acq On : 15 Mar 2023 21:28
 Operator : JC/MD
 Sample : 01904-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20230313

Quant Time: Mar 16 05:25:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

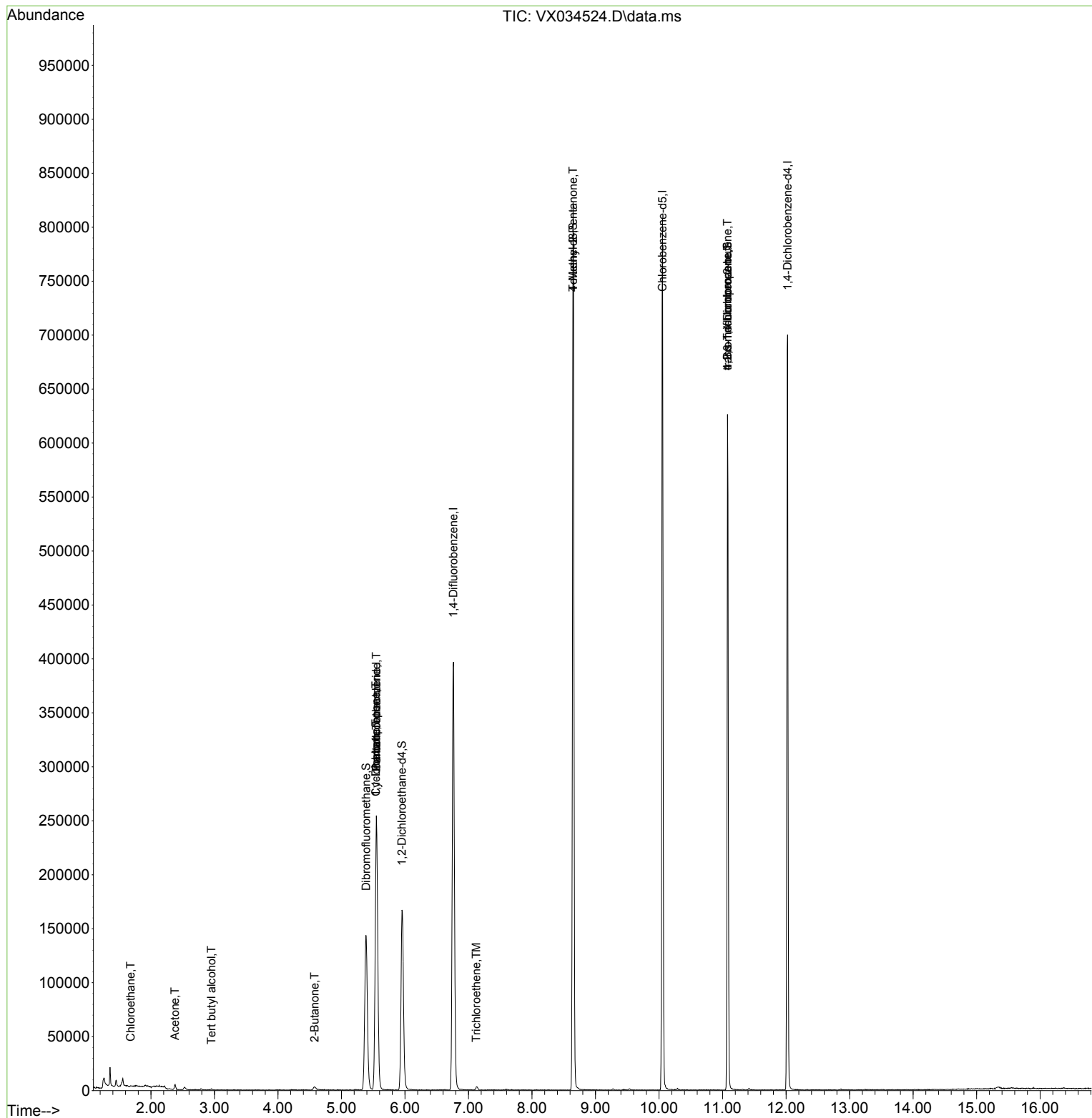
Internal Standards						
1) Pentafluorobenzene	5.550	168	235786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158057	46.078	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.160%
35) Dibromofluoromethane	5.385	113	124191	46.742	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.480%
50) Toluene-d8	8.647	98	483182	48.715	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.440%
62) 4-Bromofluorobenzene	11.079	95	160709	40.114	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.220%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	519	Below Cal	#	42
6) Chloroethane	1.679	64	496	0.288	ug/l #	42
11) Tert butyl alcohol	2.953	59	733	1.026	ug/l #	73
16) Acetone	2.380	43	4686	2.900	ug/l	99
25) 2-Butanone	4.574	43	5606	2.425	ug/l	100
31) Cyclohexane	5.544	56	5634	1.171	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	19765	4.843	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23227	5.721	ug/l #	17
44) Trichloroethene	7.123	130	1226	0.395	ug/l	49
51) 4-Methyl-2-Pentanone	8.647	43	2413	0.551	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	84851	25.600	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	84851	69.256	ug/l #	8

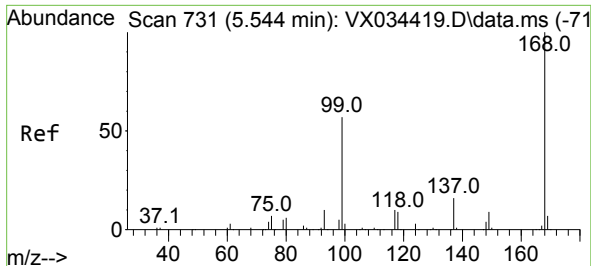
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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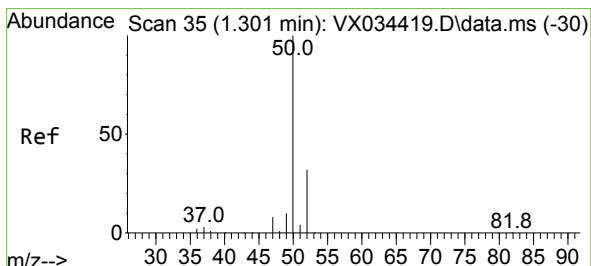
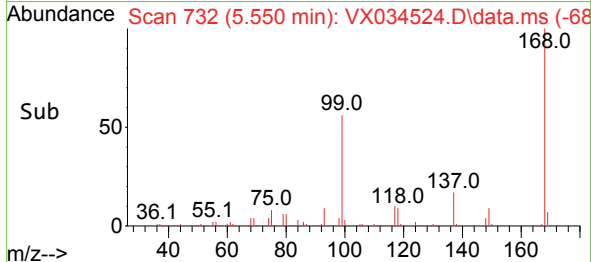
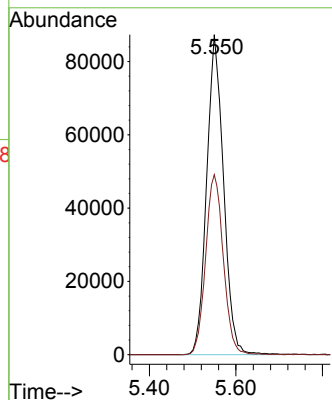
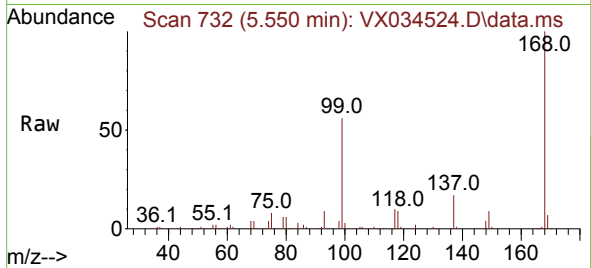




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

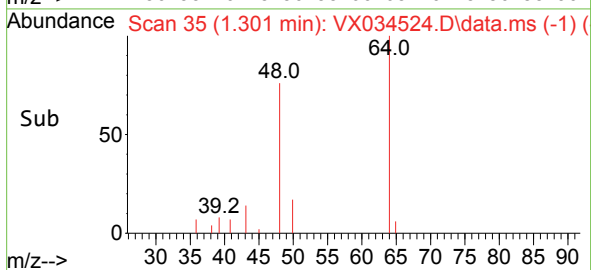
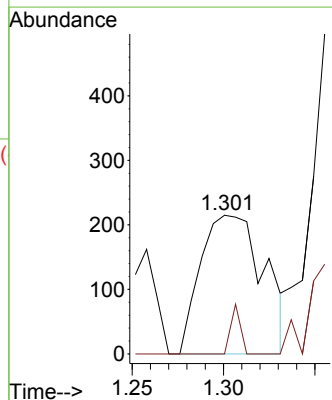
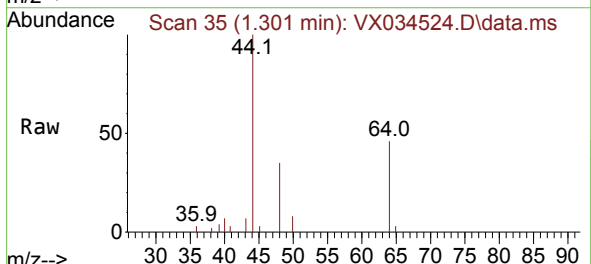
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230313

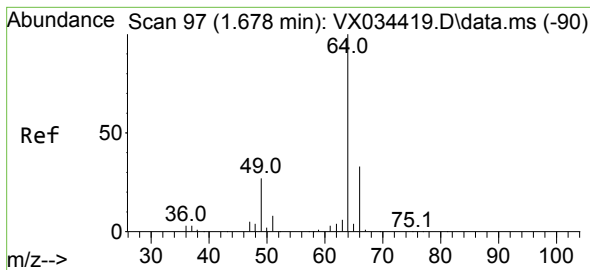
Tgt Ion:168 Resp: 235786
Ion Ratio Lower Upper
168 100
99 56.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

Tgt Ion: 50 Resp: 519
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

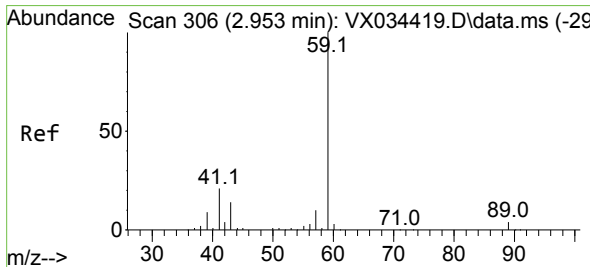
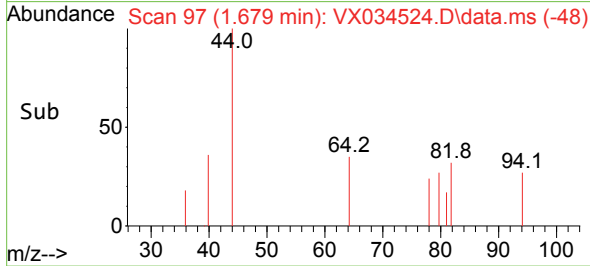
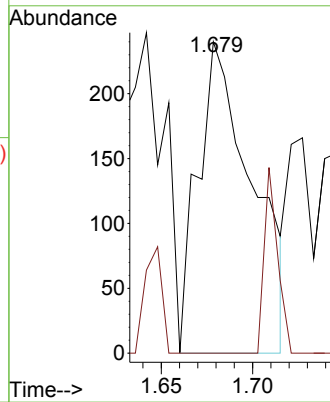
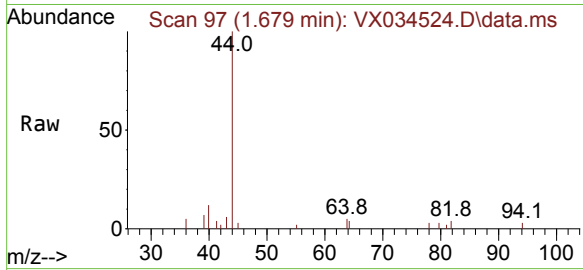




#6
Chloroethane
Concen: 0.288 ug/l
RT: 1.679 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

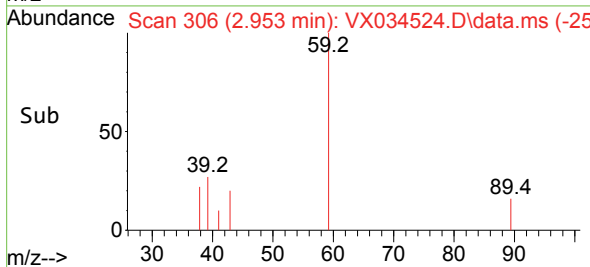
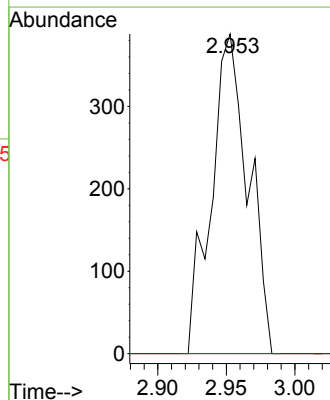
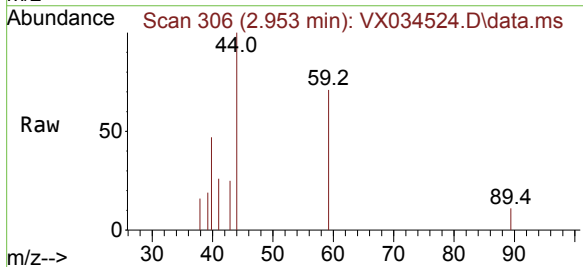
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230313

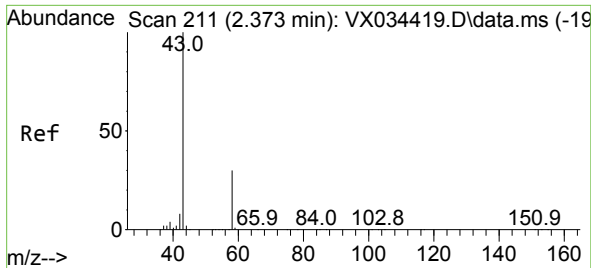
Tgt Ion: 64 Resp: 496
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 1.026 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

Tgt Ion: 59 Resp: 733
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

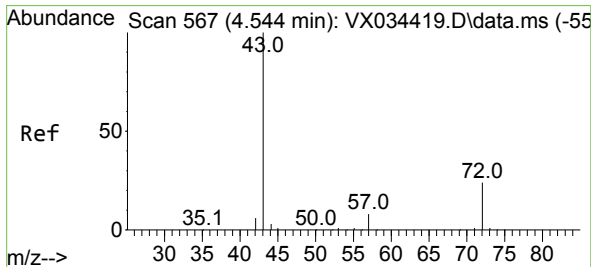
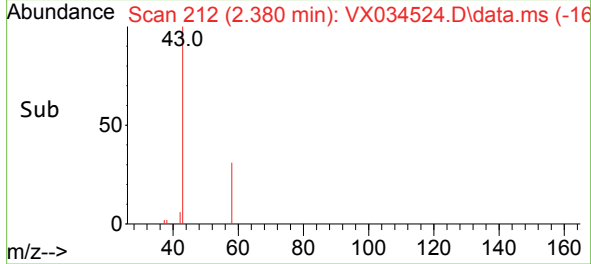
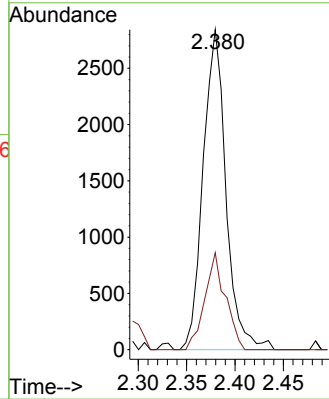
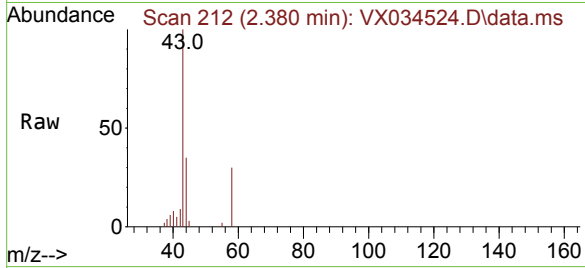




#16
Acetone
Concen: 2.900 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

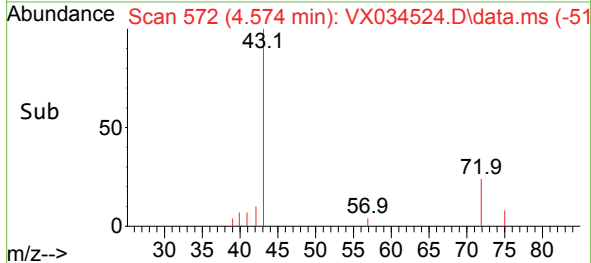
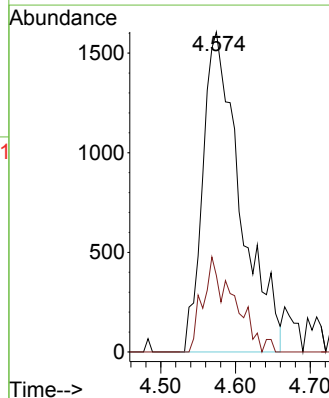
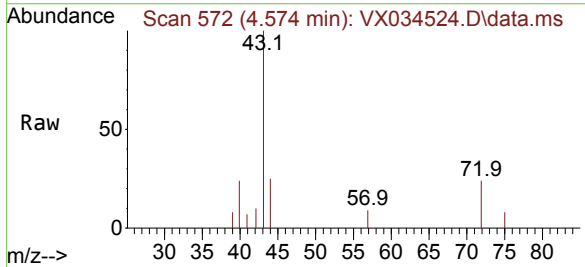
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230313

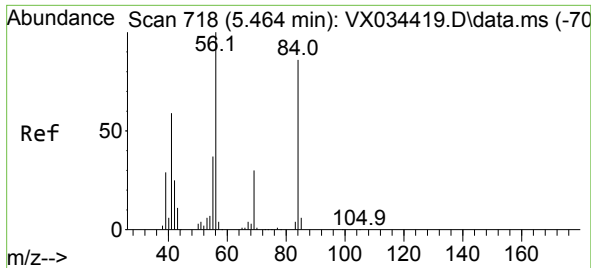
Tgt Ion: 43 Resp: 4686
Ion Ratio Lower Upper
43 100
58 30.3 24.7 37.1



#25
2-Butanone
Concen: 2.425 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.030 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

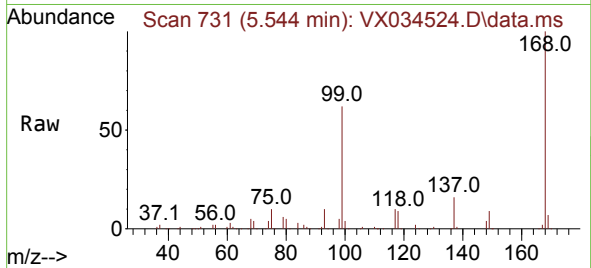
Tgt Ion: 43 Resp: 5606
Ion Ratio Lower Upper
43 100
72 23.9 19.3 28.9



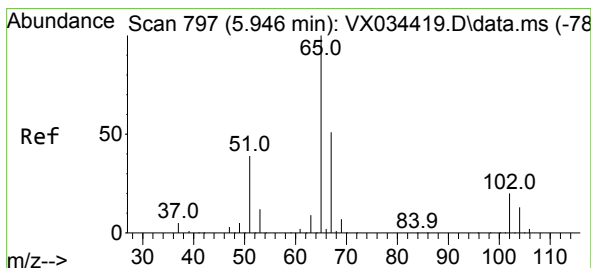
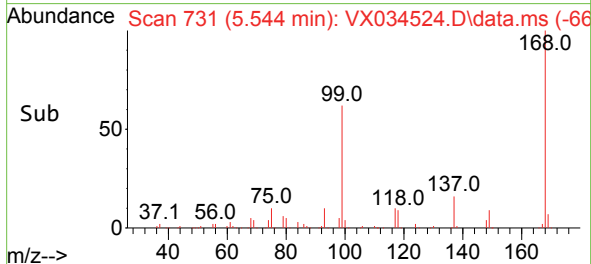
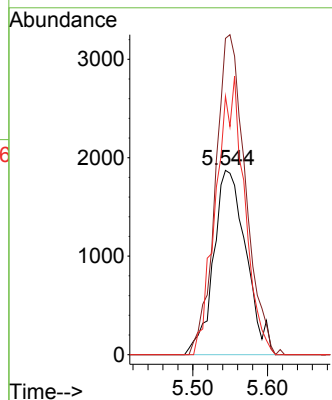


#31
Cyclohexane
Concen: 1.171 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

Instrument :
MSVOA_X
ClientSampleId :
EB02-20230313

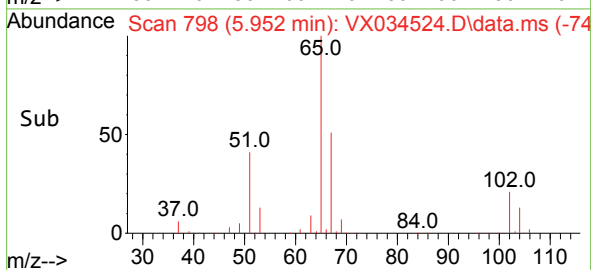
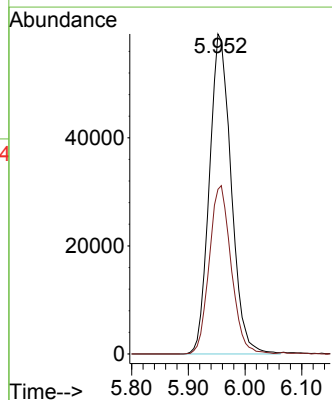
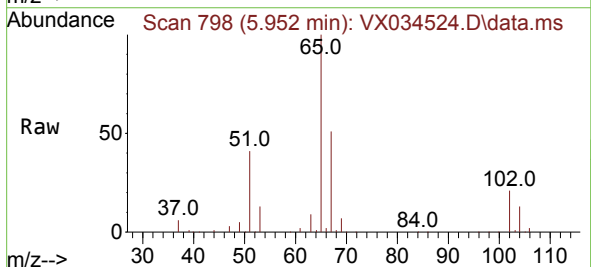


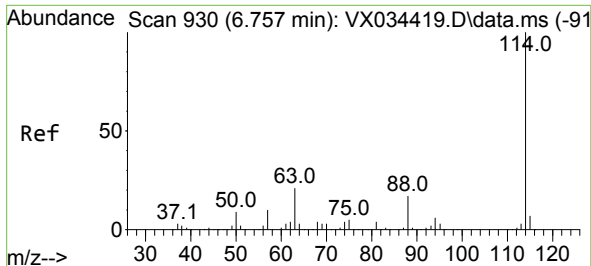
Tgt Ion: 56 Resp: 5634
Ion Ratio Lower Upper
56 100
69 171.6 23.7 35.5#
84 140.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.078 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

Tgt Ion: 65 Resp: 158057
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0

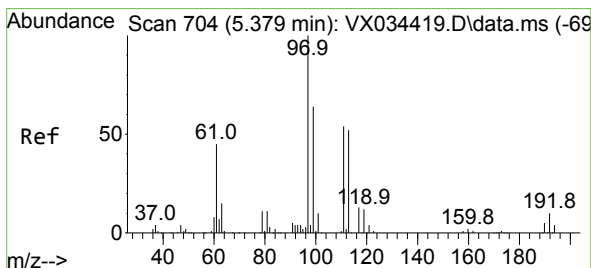
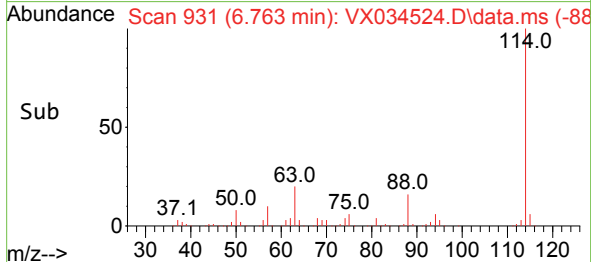
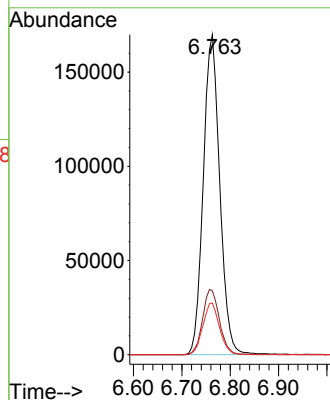
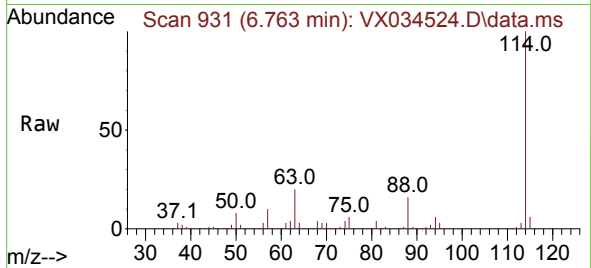




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

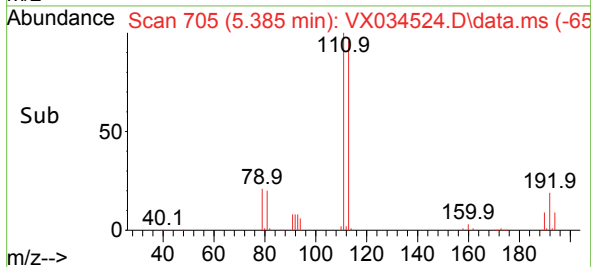
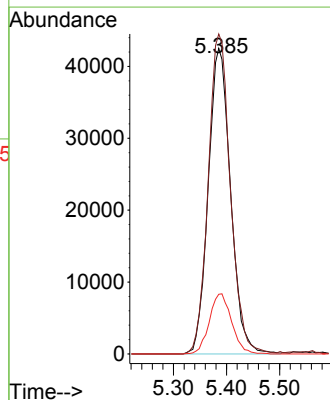
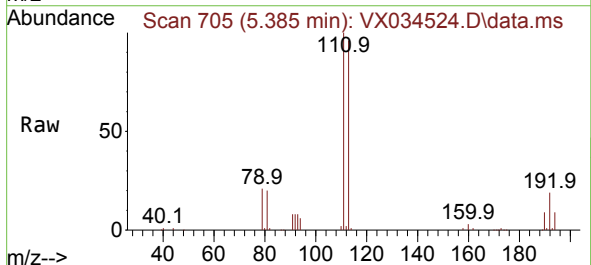
Instrument :
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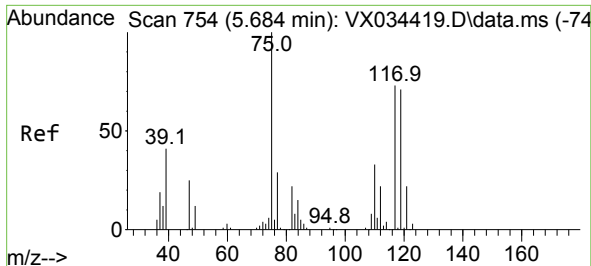
Tgt Ion:114 Resp: 402415
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.742 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

Tgt Ion:113 Resp: 124191
Ion Ratio Lower Upper
113 100
111 104.1 83.7 125.5
192 19.7 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.843 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX034524.D

Acq: 15 Mar 2023 21:28

Instrument :

MSVOA_X

ClientSampleId :

EB02-20230313

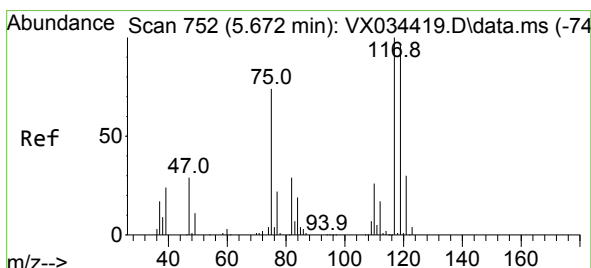
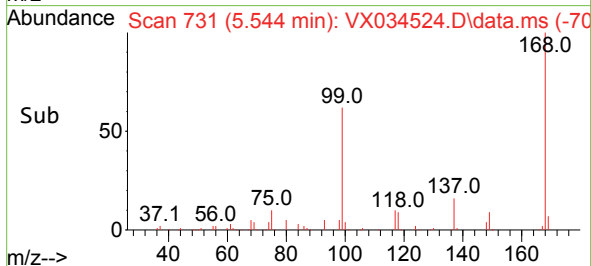
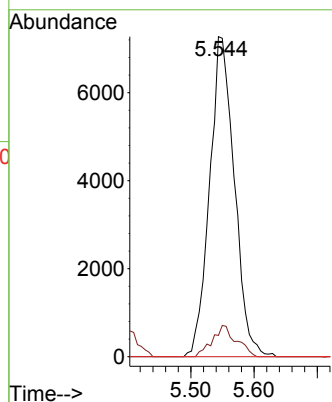
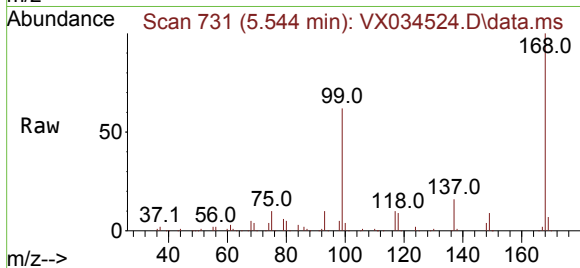
Tgt Ion: 75 Resp: 19765

Ion Ratio Lower Upper

75 100

110 9.4 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.721 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX034524.D

Acq: 15 Mar 2023 21:28

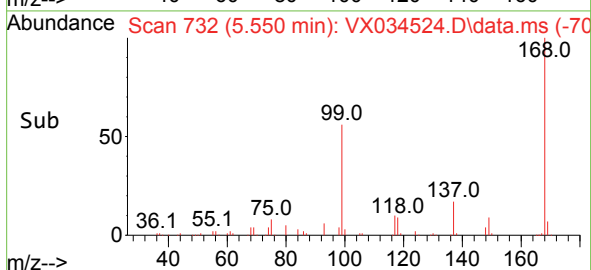
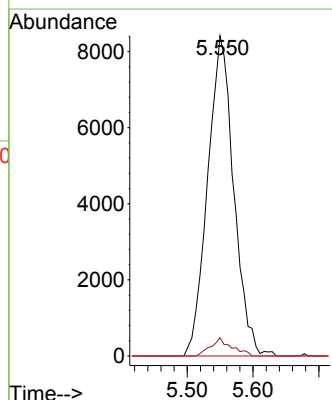
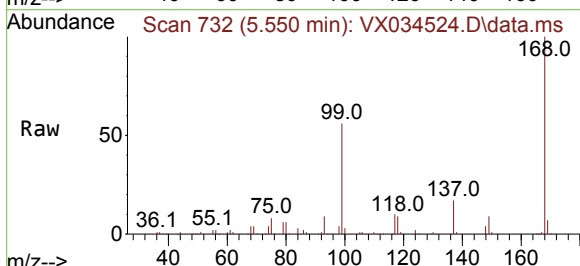
Tgt Ion: 117 Resp: 23227

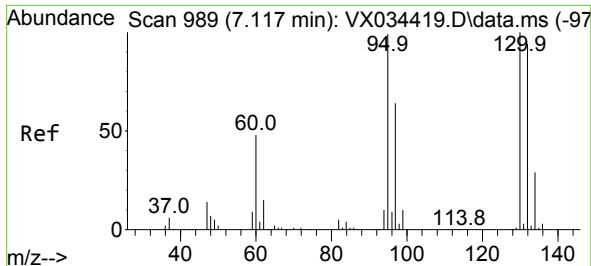
Ion Ratio Lower Upper

117 100

119 5.7 76.6 114.8#

121 0.0 23.8 35.6#

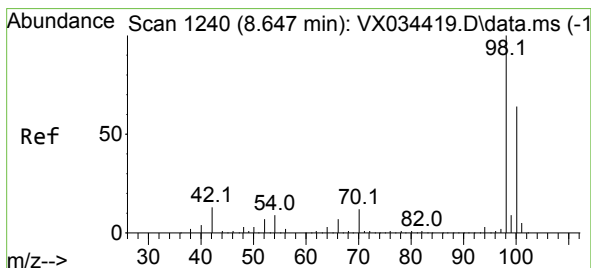
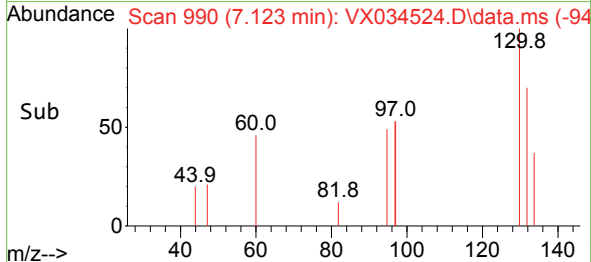
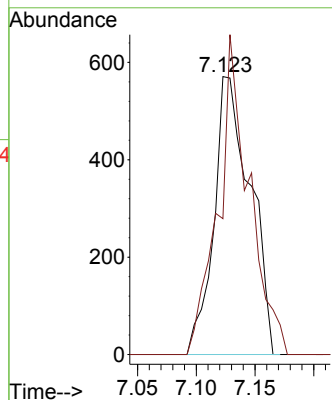
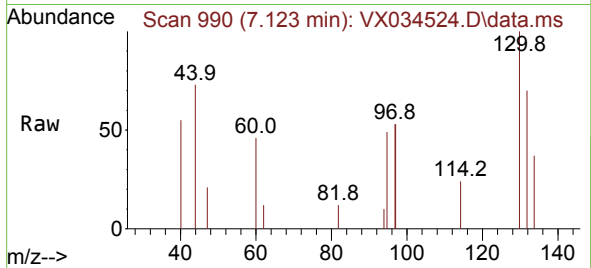




#44
 Trichloroethene
 Concen: 0.395 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.006 min
 Lab File: VX034524.D
 Acq: 15 Mar 2023 21:28

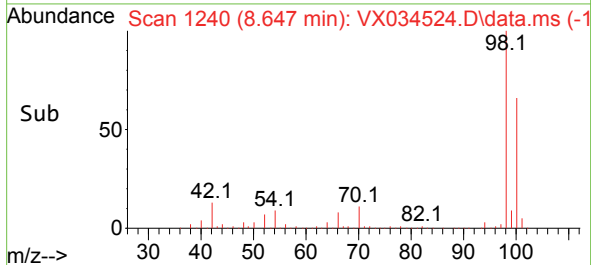
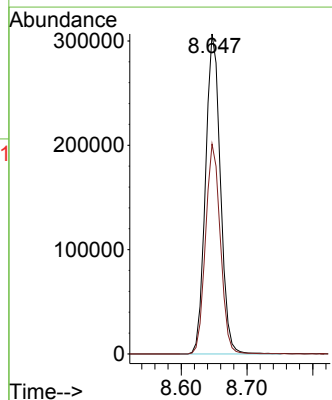
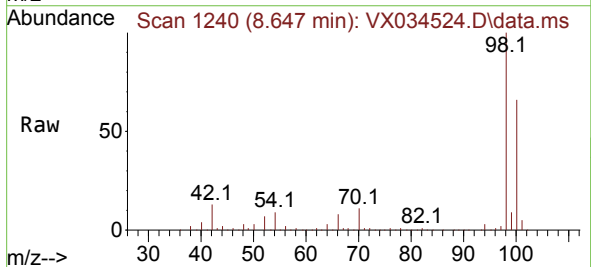
Instrument :
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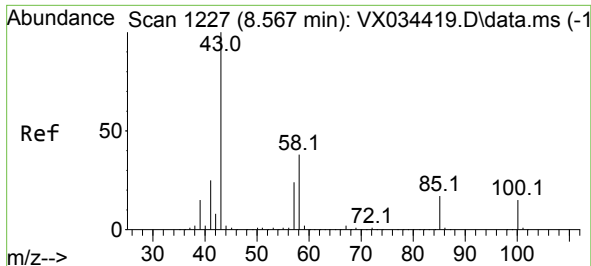
Tgt Ion:130 Resp: 1226
 Ion Ratio Lower Upper
 130 100
 95 48.9 0.0 198.4



#50
 Toluene-d8
 Concen: 48.715 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX034524.D
 Acq: 15 Mar 2023 21:28

Tgt Ion: 98 Resp: 483182
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.5 78.7

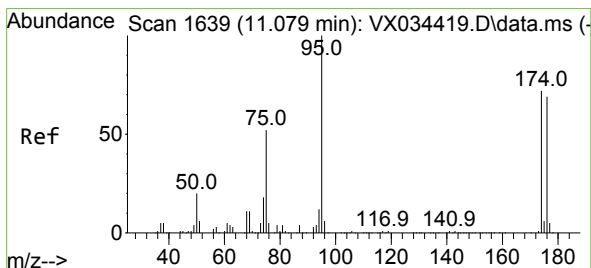
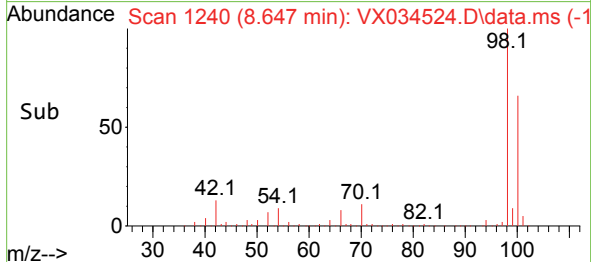
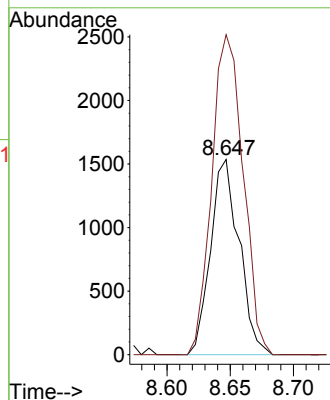
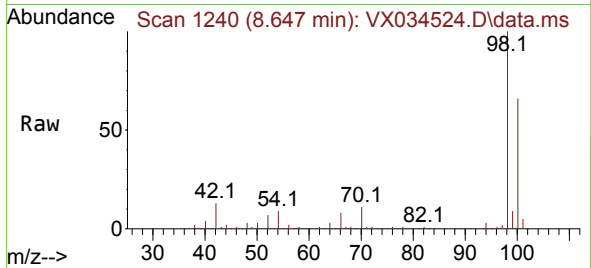




#51
4-Methyl-2-Pentanone
Concen: 0.551 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

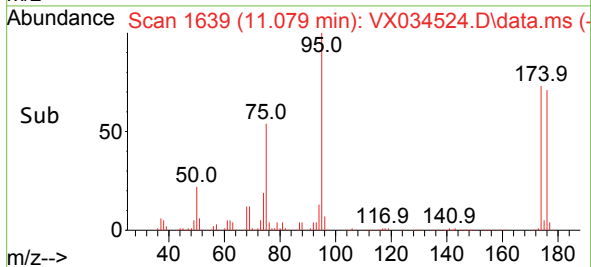
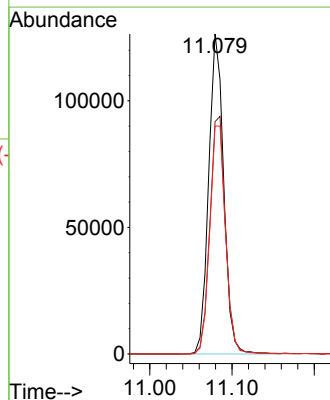
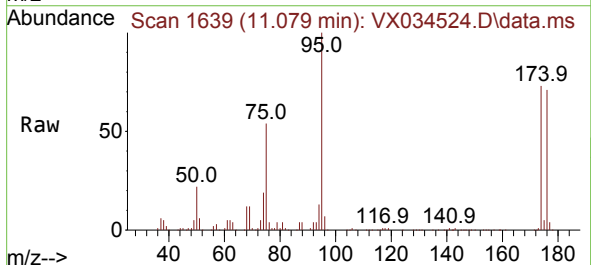
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230313

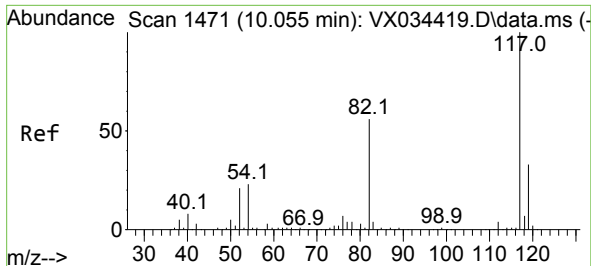
Tgt Ion: 43 Resp: 2413
Ion Ratio Lower Upper
43 100
58 179.8 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 40.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

Tgt Ion: 95 Resp: 160709
Ion Ratio Lower Upper
95 100
174 77.2 0.0 147.4
176 74.9 0.0 140.6

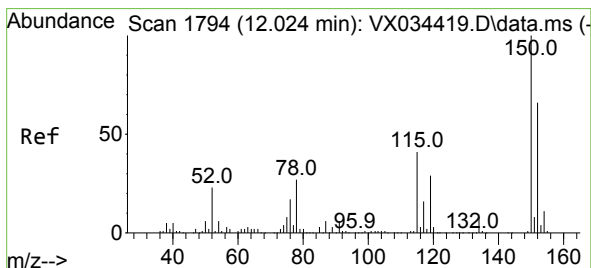
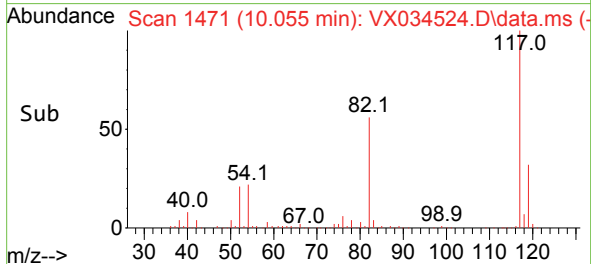
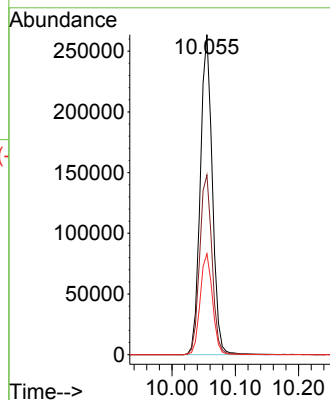
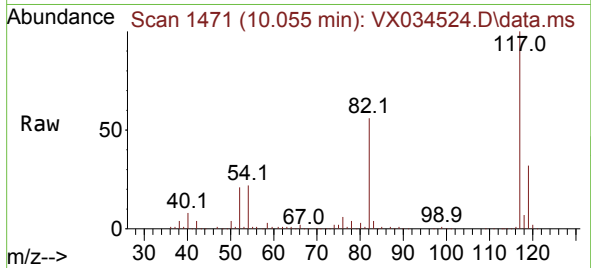




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

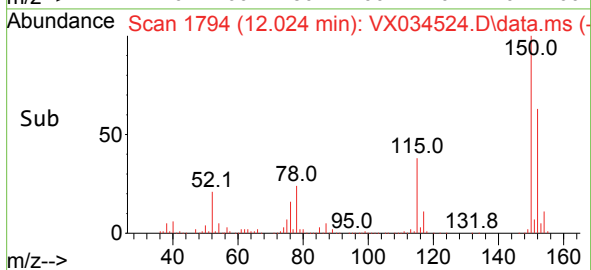
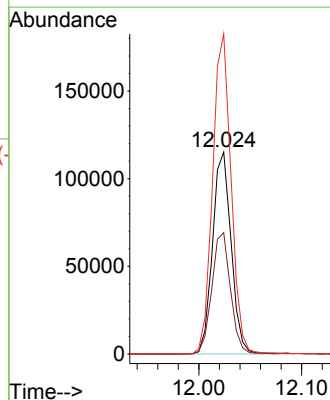
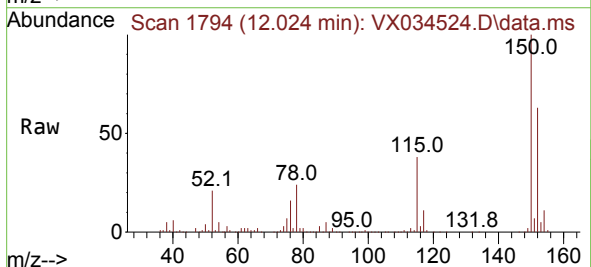
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230313

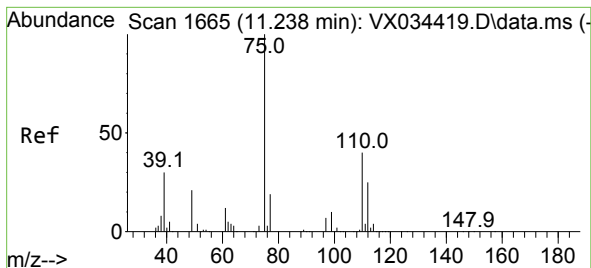
Tgt Ion:117 Resp: 349597
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034524.D
Acq: 15 Mar 2023 21:28

Tgt Ion:152 Resp: 144352
Ion Ratio Lower Upper
152 100
115 60.4 45.0 135.0
150 158.0 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.600 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034524.D

Acq: 15 Mar 2023 21:28

Instrument :

MSVOA_X

ClientSampleId :

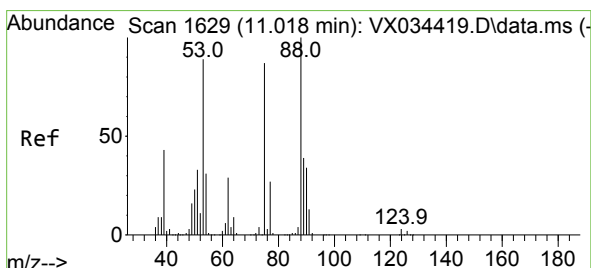
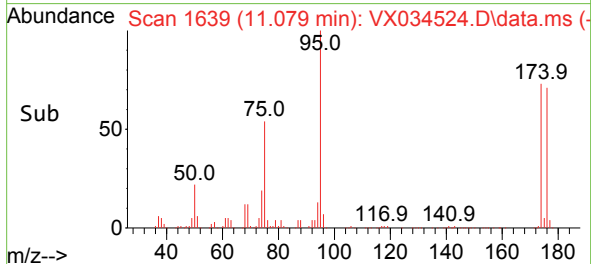
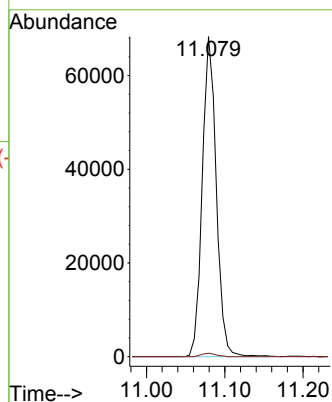
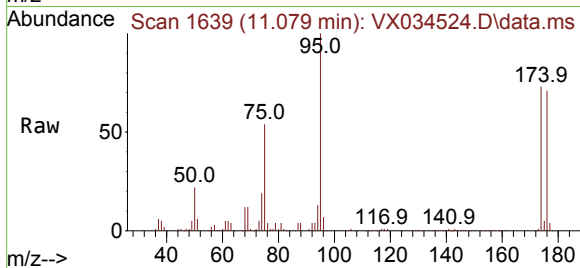
EB02-20230313

Tgt Ion: 75 Resp: 84851

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.256 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034524.D

Acq: 15 Mar 2023 21:28

Tgt Ion: 75 Resp: 84851

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

