

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034387.D
 Acq On : 08 Mar 2023 16:42
 Operator : JC/MD
 Sample : 01843-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20230308

Quant Time: Mar 09 04:00:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

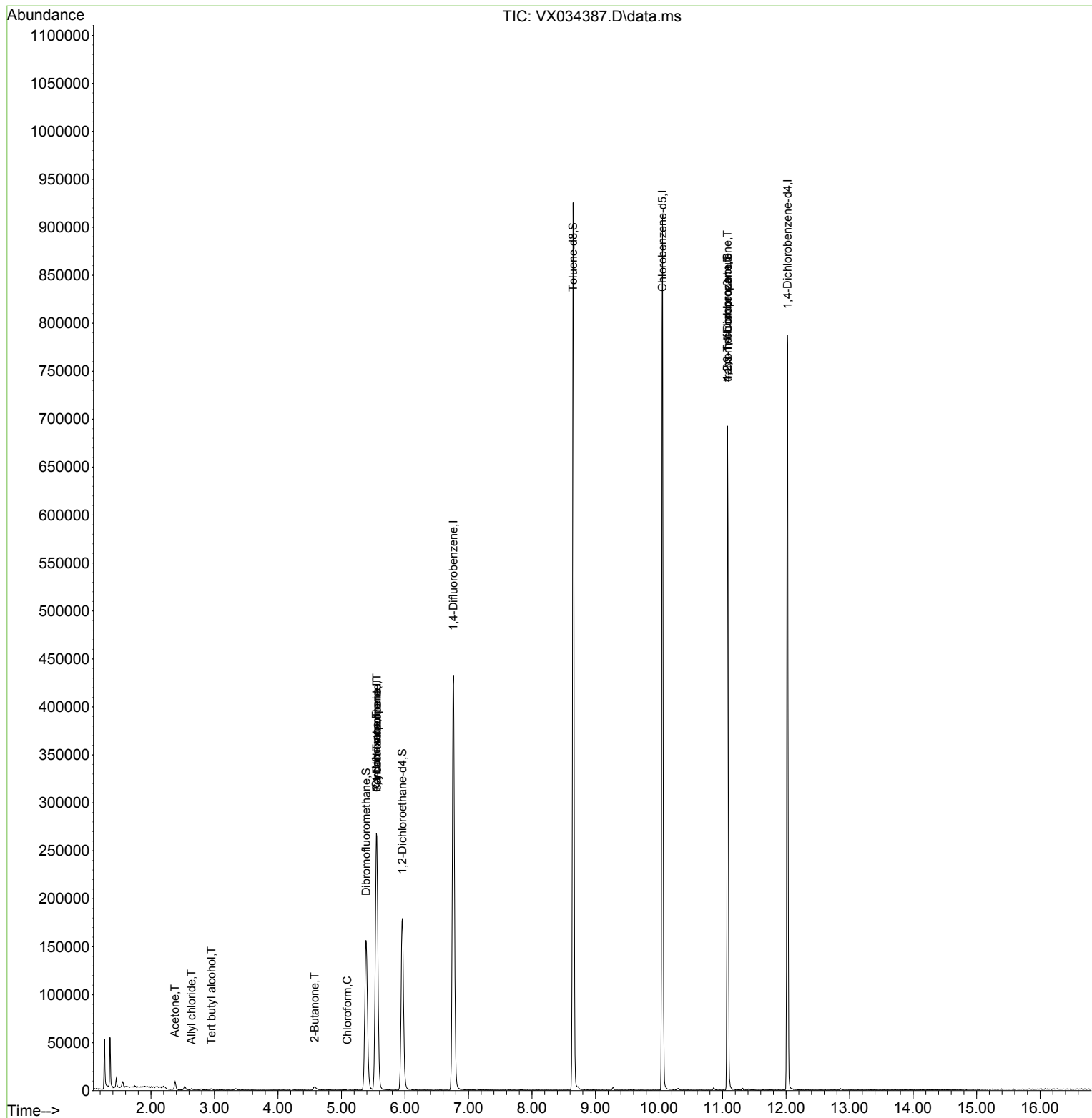
Internal Standards						
1) Pentafluorobenzene	5.556	168	263403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165949	46.780	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	93.560%	
35) Dibromofluoromethane	5.385	113	138098	47.522	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.040%	
50) Toluene-d8	8.647	98	537560	51.523	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	103.040%	
62) 4-Bromofluorobenzene	11.079	95	184541	46.241	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	92.480%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.563	94	78	Below Cal	#	3
11) Tert butyl alcohol	2.953	59	1343	1.693	ug/l #	90
14) Allyl chloride	2.636	41	1490	0.247	ug/l #	41
16) Acetone	2.379	43	9050	4.946	ug/l	92
25) 2-Butanone	4.574	43	6763	2.554	ug/l	97
30) Chloroform	5.092	83	1311	0.235	ug/l	95
31) Cyclohexane	5.550	56	5815	1.098	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	20317	4.727	ug/l #	47
38) Carbon Tetrachloride	5.556	117	26344	5.957	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	93805	22.327	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	93805	57.357	ug/l #	8

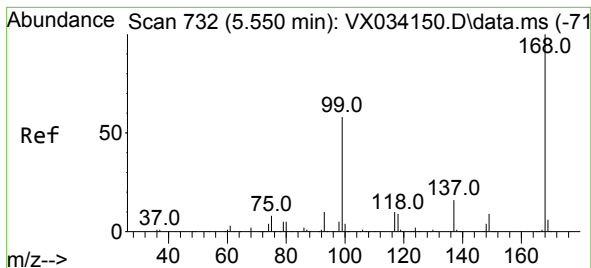
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX034387.D

Acq: 08 Mar 2023 16:42

Instrument :

MSVOA_X

ClientSampleId :

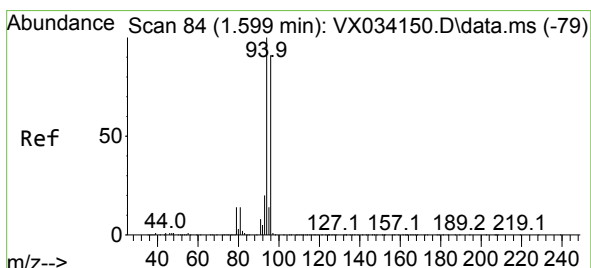
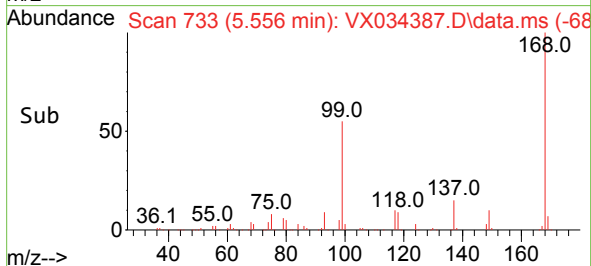
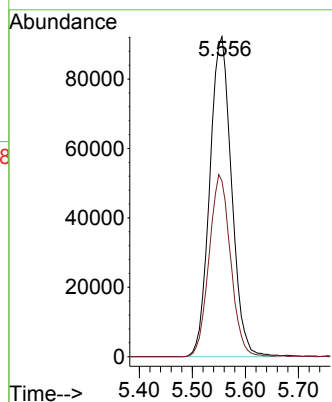
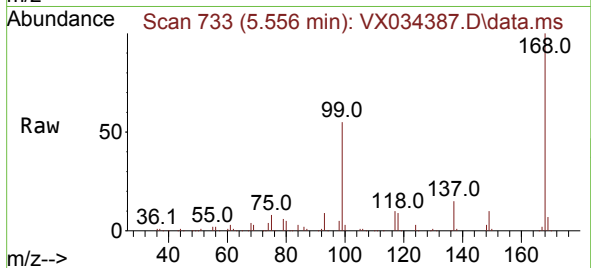
EB01-20230308

Tgt Ion:168 Resp: 263403

Ion Ratio Lower Upper

168 100

99 54.9 39.6 59.4



#5

Bromomethane

Concen: Below Cal

RT: 1.563 min Scan# 78

Delta R.T. -0.036 min

Lab File: VX034387.D

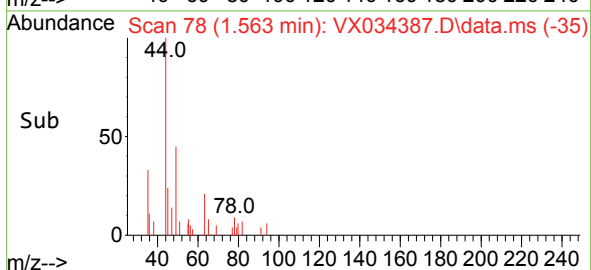
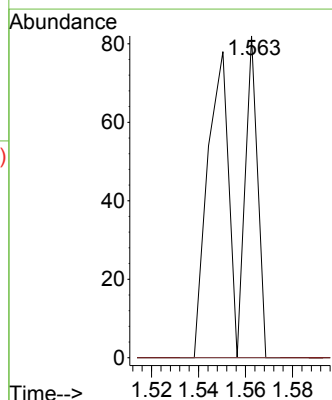
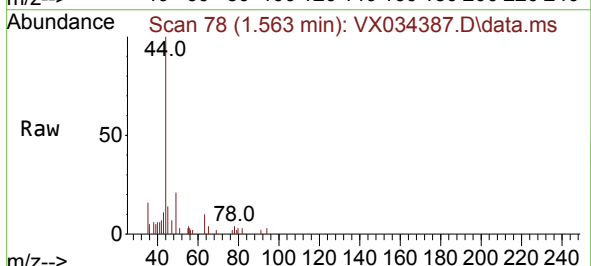
Acq: 08 Mar 2023 16:42

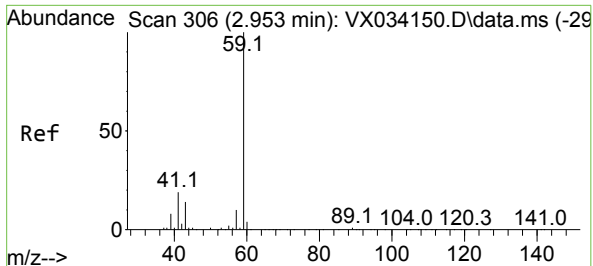
Tgt Ion: 94 Resp: 78

Ion Ratio Lower Upper

94 100

96 0.0 74.3 111.5#





#11

Tert butyl alcohol

Concen: 1.693 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX034387.D

Acq: 08 Mar 2023 16:42

Instrument :

MSVOA_X

ClientSampleId :

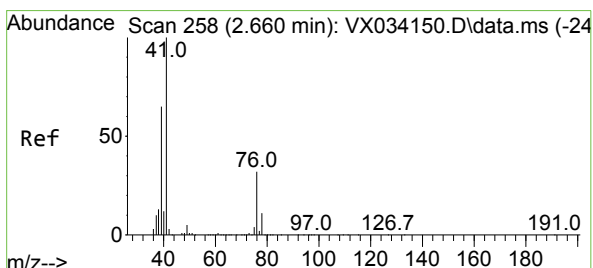
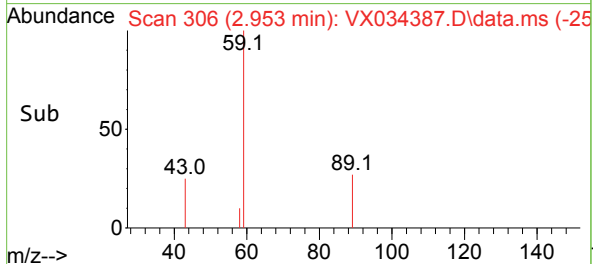
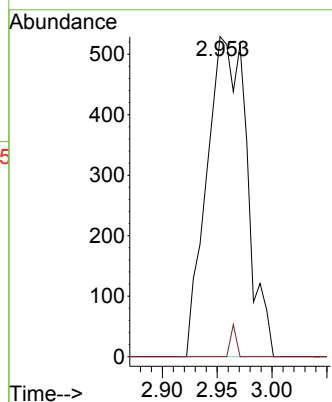
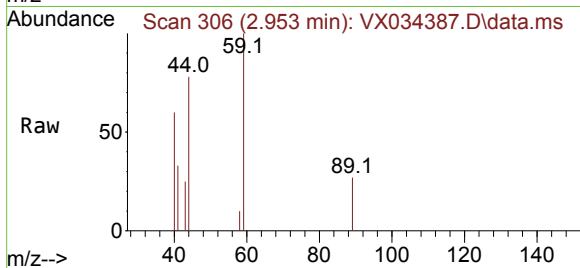
EB01-20230308

Tgt Ion: 59 Resp: 1343

Ion Ratio Lower Upper

59 100

57 1.4 3.7 5.5#



#14

Allyl chloride

Concen: 0.247 ug/l

RT: 2.636 min Scan# 254

Delta R.T. -0.024 min

Lab File: VX034387.D

Acq: 08 Mar 2023 16:42

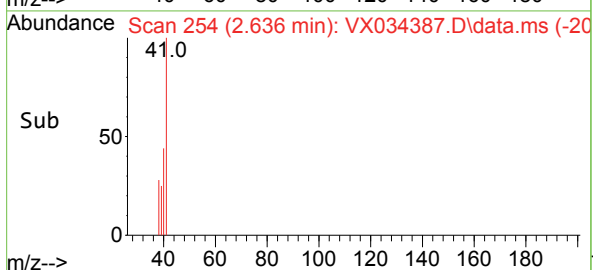
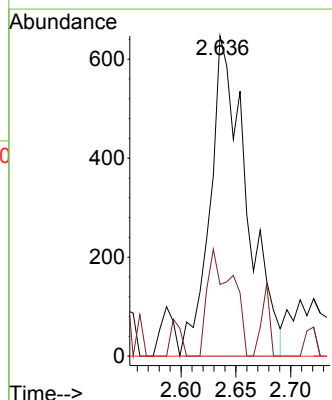
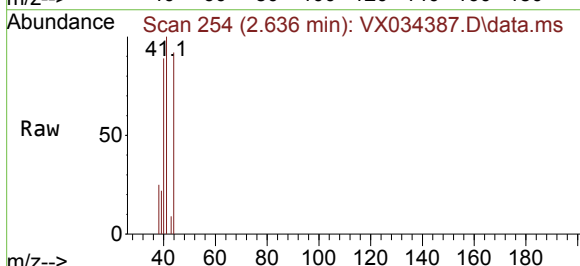
Tgt Ion: 41 Resp: 1490

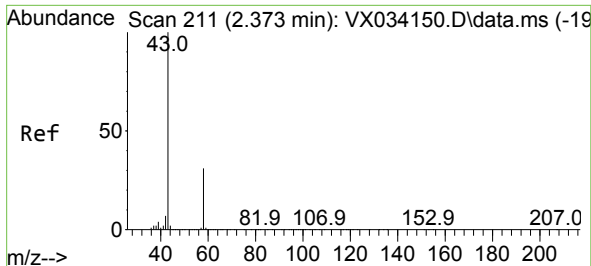
Ion Ratio Lower Upper

41 100

39 23.0 59.0 88.4#

76 0.0 24.6 37.0#

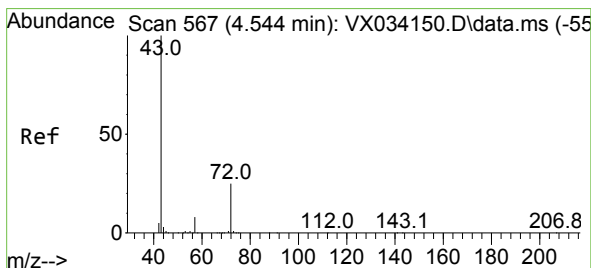
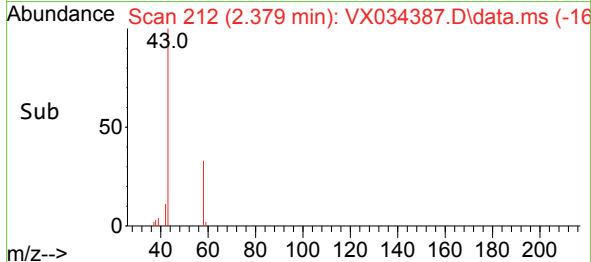
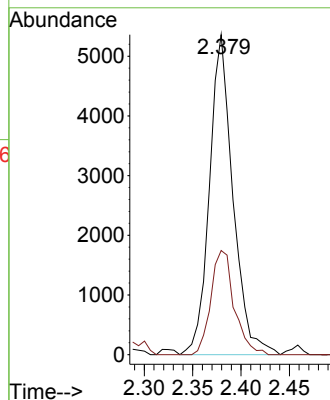
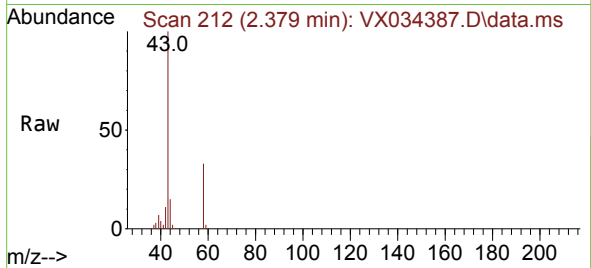




#16
Acetone
Concen: 4.946 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034387.D
Acq: 08 Mar 2023 16:42

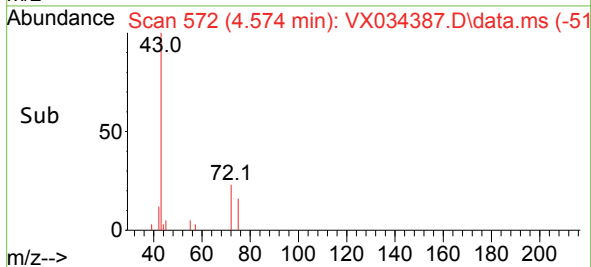
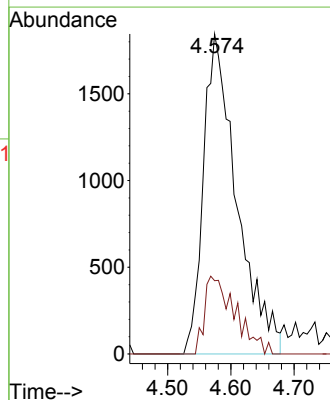
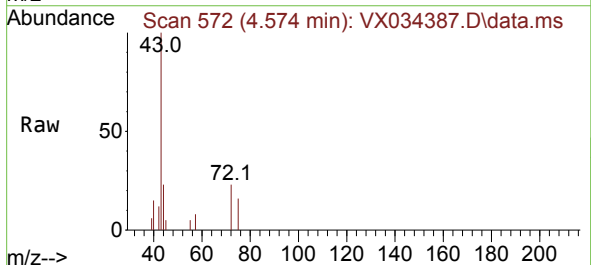
Instrument :
MSVOA_X
ClientSampleId :
EB01-20230308

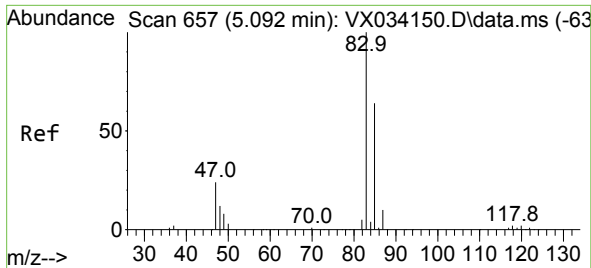
Tgt Ion: 43 Resp: 9050
Ion Ratio Lower Upper
43 100
58 32.5 22.6 33.8



#25
2-Butanone
Concen: 2.554 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.030 min
Lab File: VX034387.D
Acq: 08 Mar 2023 16:42

Tgt Ion: 43 Resp: 6763
Ion Ratio Lower Upper
43 100
72 22.9 19.4 29.2

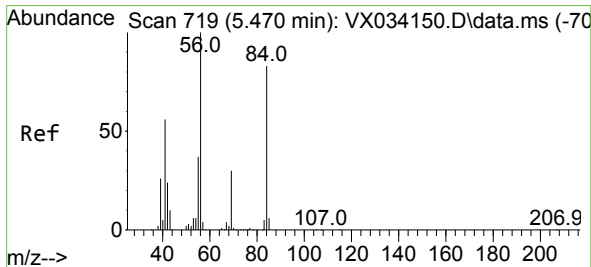
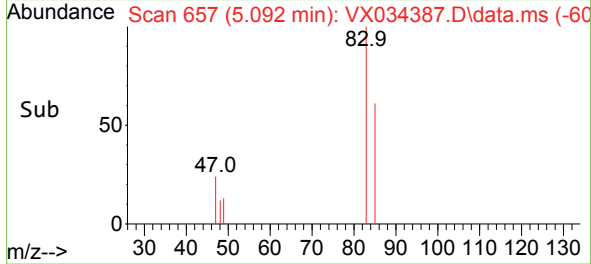
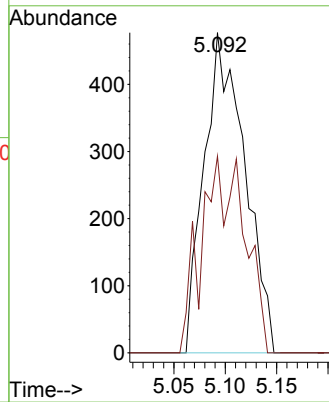
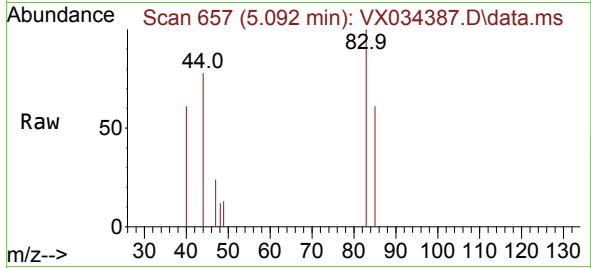




#30
Chloroform
Concen: 0.235 ug/l
RT: 5.092 min Scan# 611
Delta R.T. 0.000 min
Lab File: VX034387.D
Acq: 08 Mar 2023 16:42

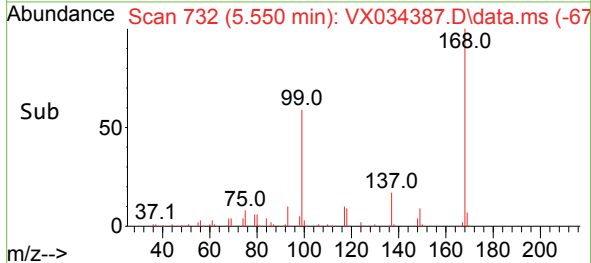
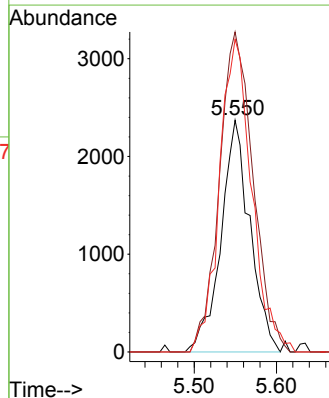
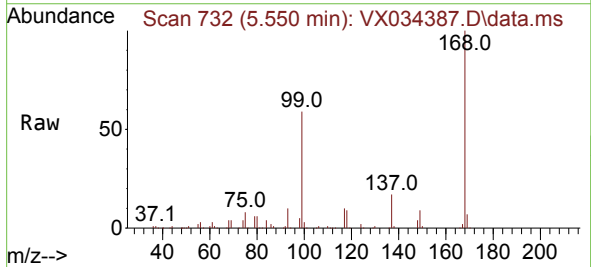
Instrument :
MSVOA_X
ClientSampleId :
EB01-20230308

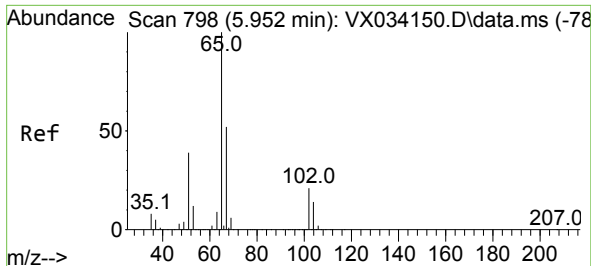
Tgt Ion: 83 Resp: 1311
Ion Ratio Lower Upper
83 100
85 61.4 52.1 78.1



#31
Cyclohexane
Concen: 1.098 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034387.D
Acq: 08 Mar 2023 16:42

Tgt Ion: 56 Resp: 5815
Ion Ratio Lower Upper
56 100
69 138.1 24.6 37.0#
84 134.9 71.0 106.6#

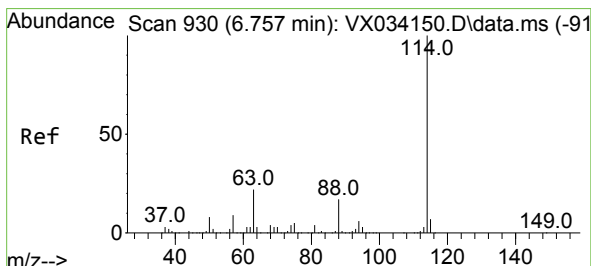
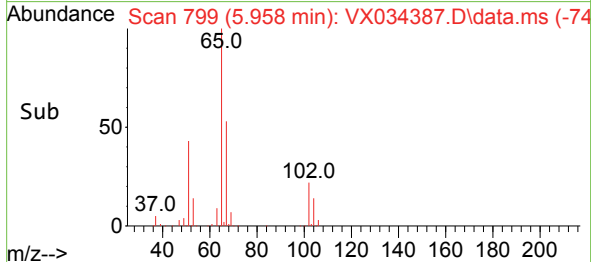
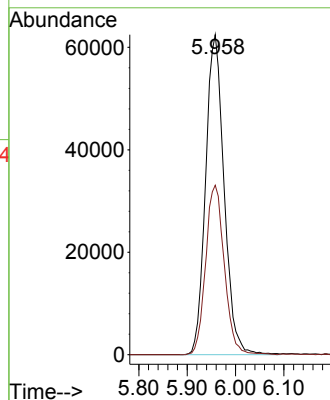
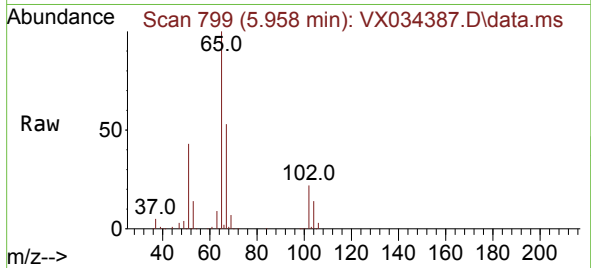




#33
1,2-Dichloroethane-d4
Concen: 46.780 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034387.D
Acq: 08 Mar 2023 16:42

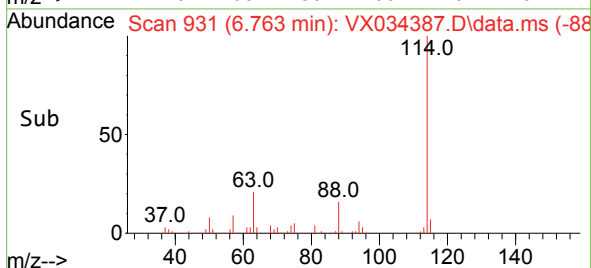
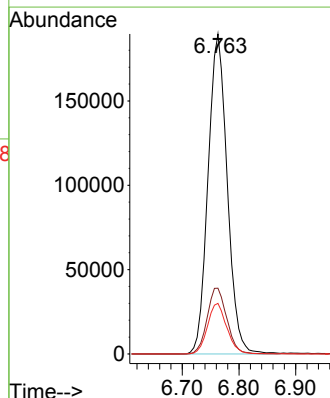
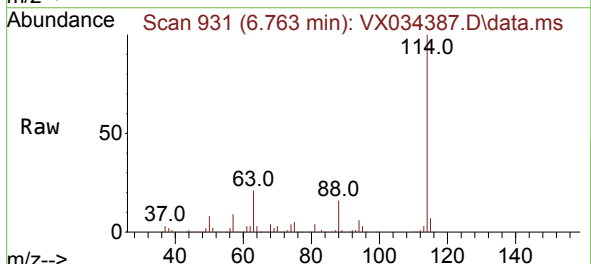
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ClientSampleId :
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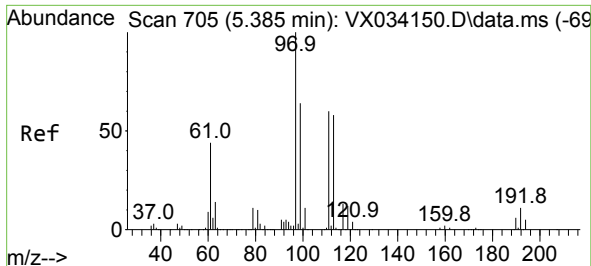
Tgt Ion: 65 Resp: 165949
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034387.D
Acq: 08 Mar 2023 16:42

Tgt Ion: 114 Resp: 446321
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.4
88 15.8 0.0 30.6

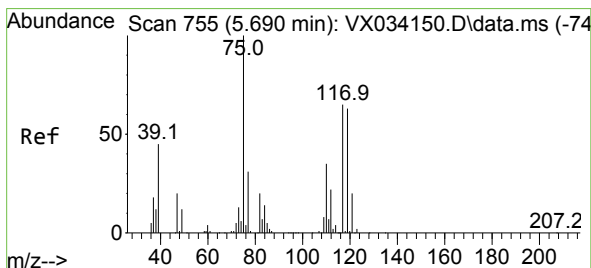
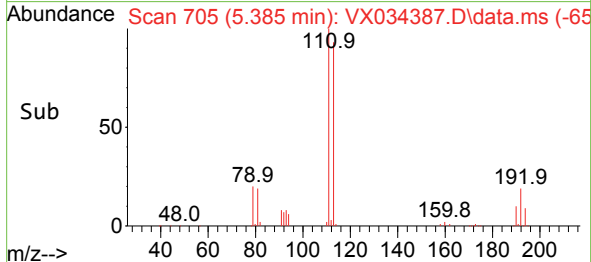
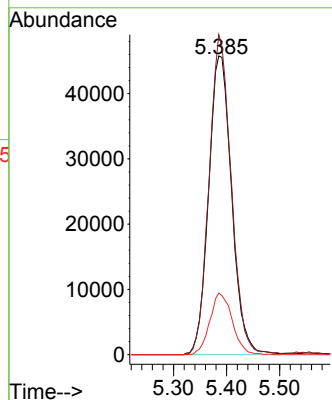
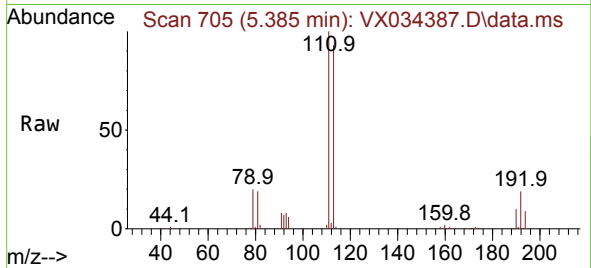




#35
Dibromofluoromethane
Concen: 47.522 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034387.D
Acq: 08 Mar 2023 16:42

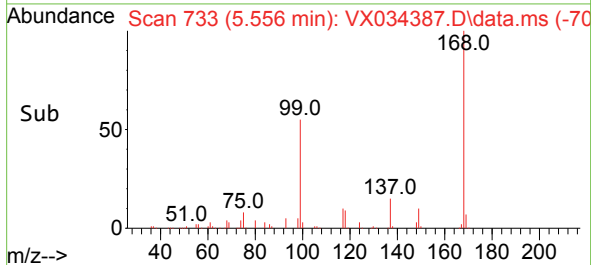
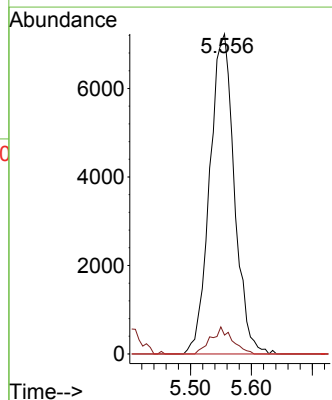
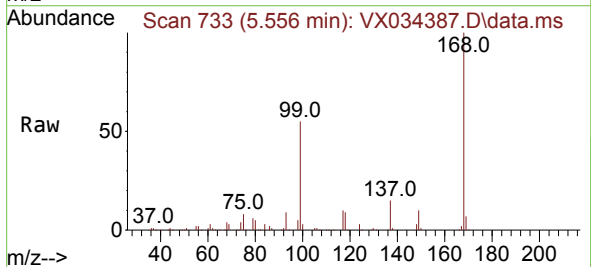
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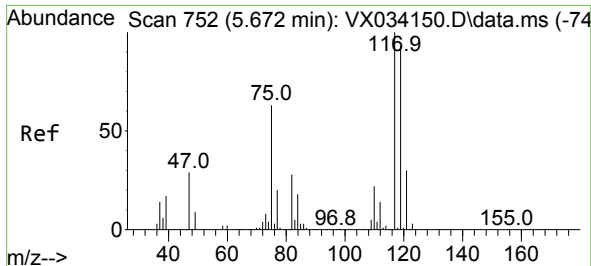
Tgt Ion:113 Resp: 138098
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 20.1 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.727 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX034387.D
Acq: 08 Mar 2023 16:42

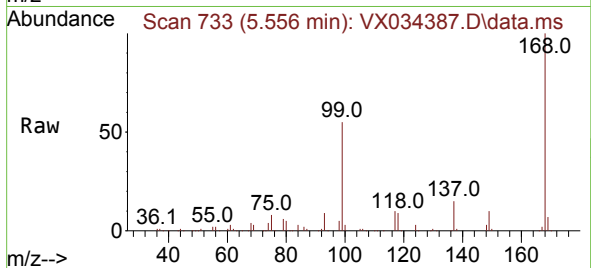
Tgt Ion: 75 Resp: 20317
Ion Ratio Lower Upper
75 100
110 7.3 18.8 56.4#
77 0.0 25.1 37.7#



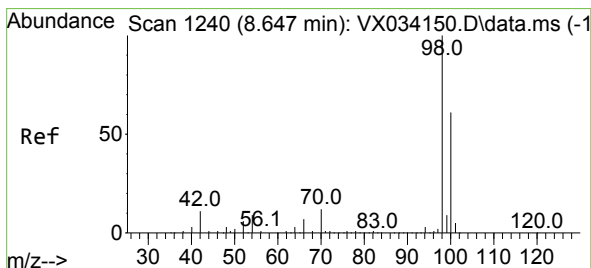
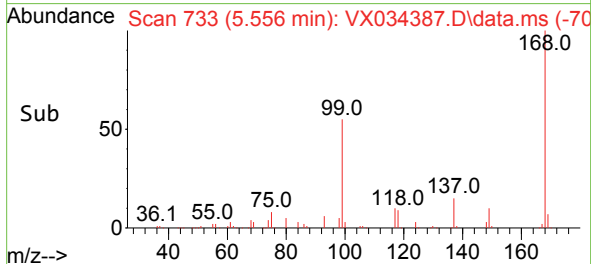
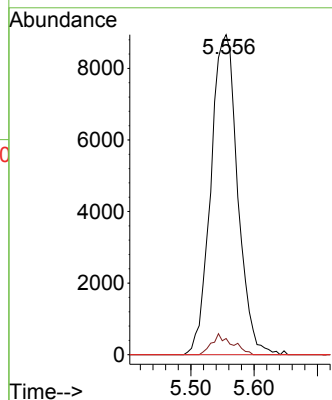


#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX034387.D
Acq: 08 Mar 2023 16:42

Instrument :
MSVOA_X
ClientSampleId :
EB01-20230308

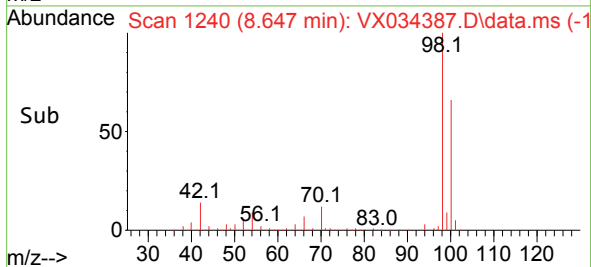
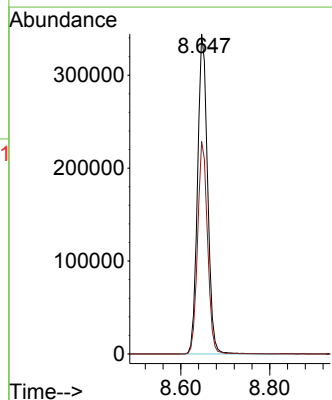
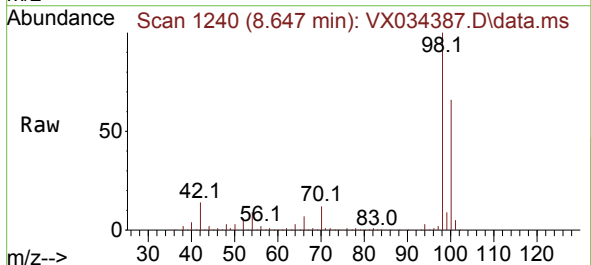


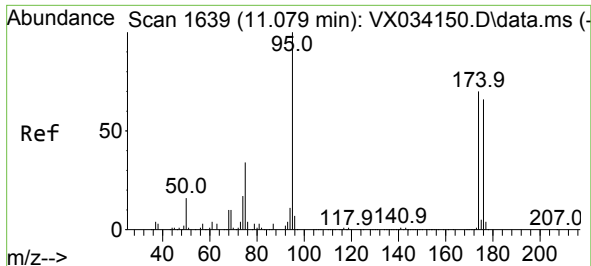
Tgt Ion:117 Resp: 26344
Ion Ratio Lower Upper
117 100
119 5.1 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.523 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034387.D
Acq: 08 Mar 2023 16:42

Tgt Ion: 98 Resp: 537560
Ion Ratio Lower Upper
98 100
100 65.7 53.6 80.4

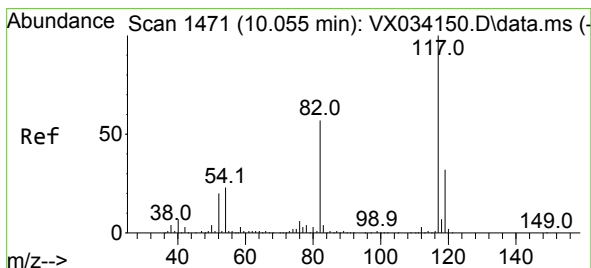
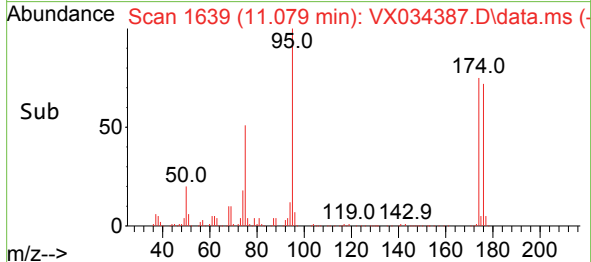
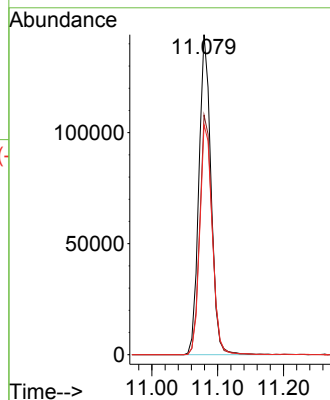
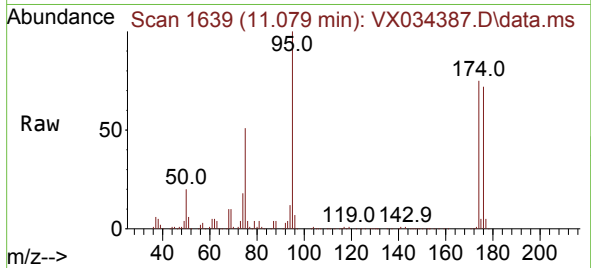




#62
4-Bromofluorobenzene
Concen: 46.241 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034387.D
Acq: 08 Mar 2023 16:42

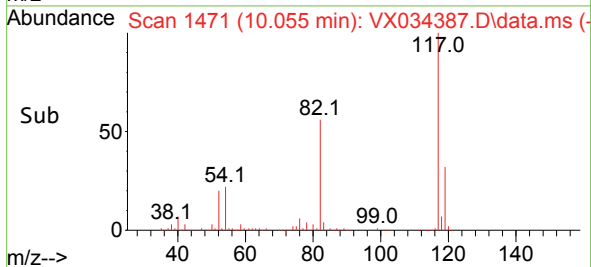
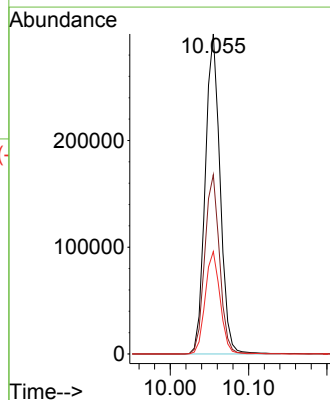
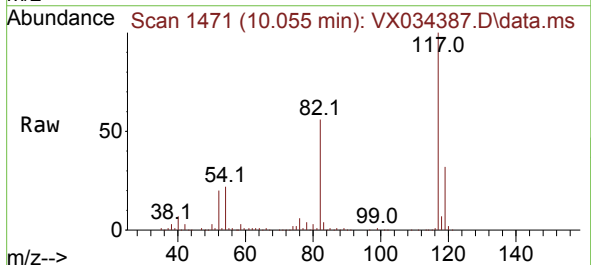
Instrument :
MSVOA_X
ClientSampleId :
EB01-20230308

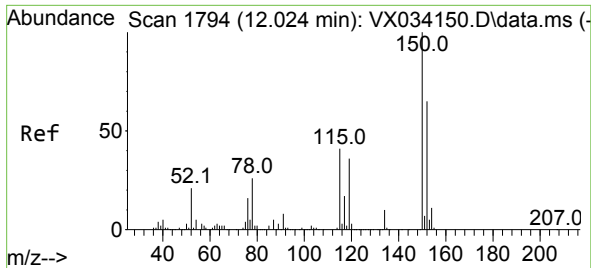
Tgt Ion: 95 Resp: 184541
Ion Ratio Lower Upper
95 100
174 76.5 0.0 184.4
176 74.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034387.D
Acq: 08 Mar 2023 16:42

Tgt Ion: 117 Resp: 394026
Ion Ratio Lower Upper
117 100
82 56.0 40.6 60.8
119 32.0 25.6 38.4

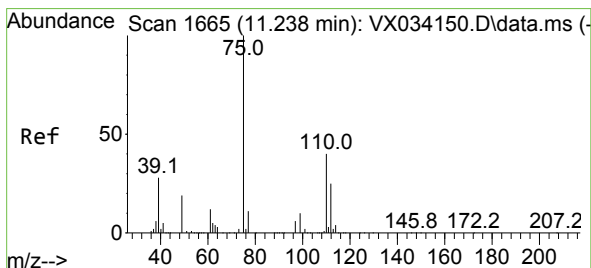
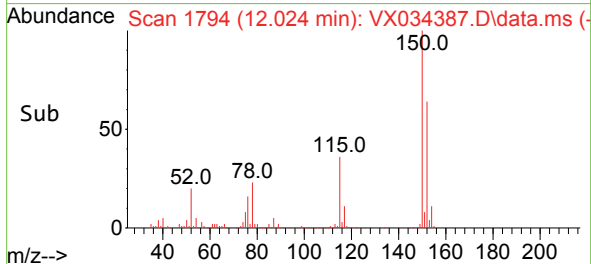
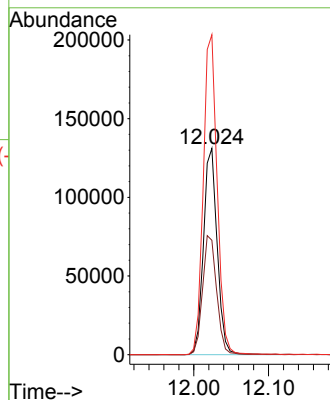
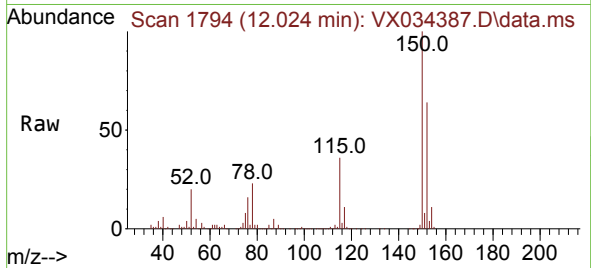




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034387.D
 Acq: 08 Mar 2023 16:42

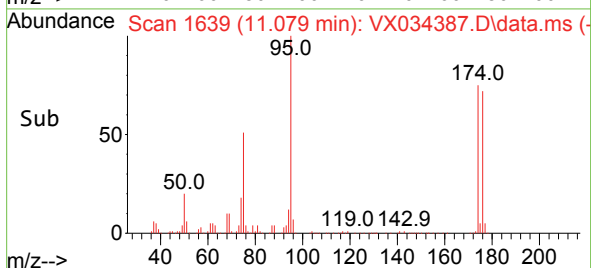
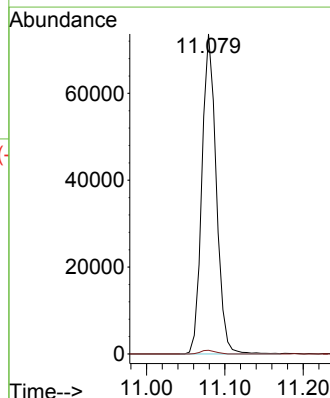
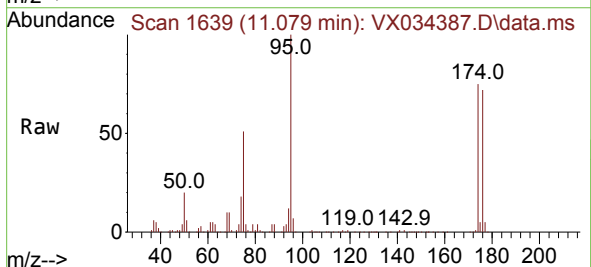
Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20230308

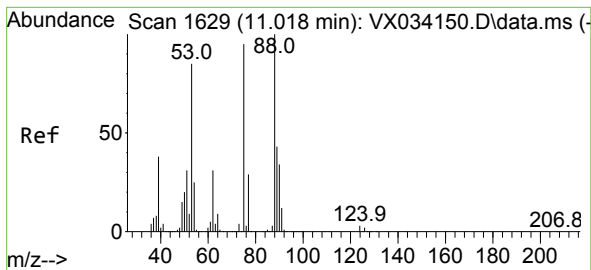
Tgt Ion:152 Resp: 166968
 Ion Ratio Lower Upper
 152 100
 115 59.2 38.7 116.1
 150 157.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 22.327 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034387.D
 Acq: 08 Mar 2023 16:42

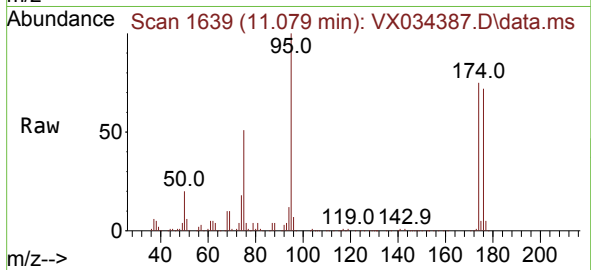
Tgt Ion: 75 Resp: 93805
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.357 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034387.D
 Acq: 08 Mar 2023 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20230308



Tgt Ion: 75 Resp: 93805
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

