

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034525.D
 Acq On : 15 Mar 2023 21:51
 Operator : JC/MD
 Sample : 01904-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02-20230313

Quant Time: Mar 16 05:26:01 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)

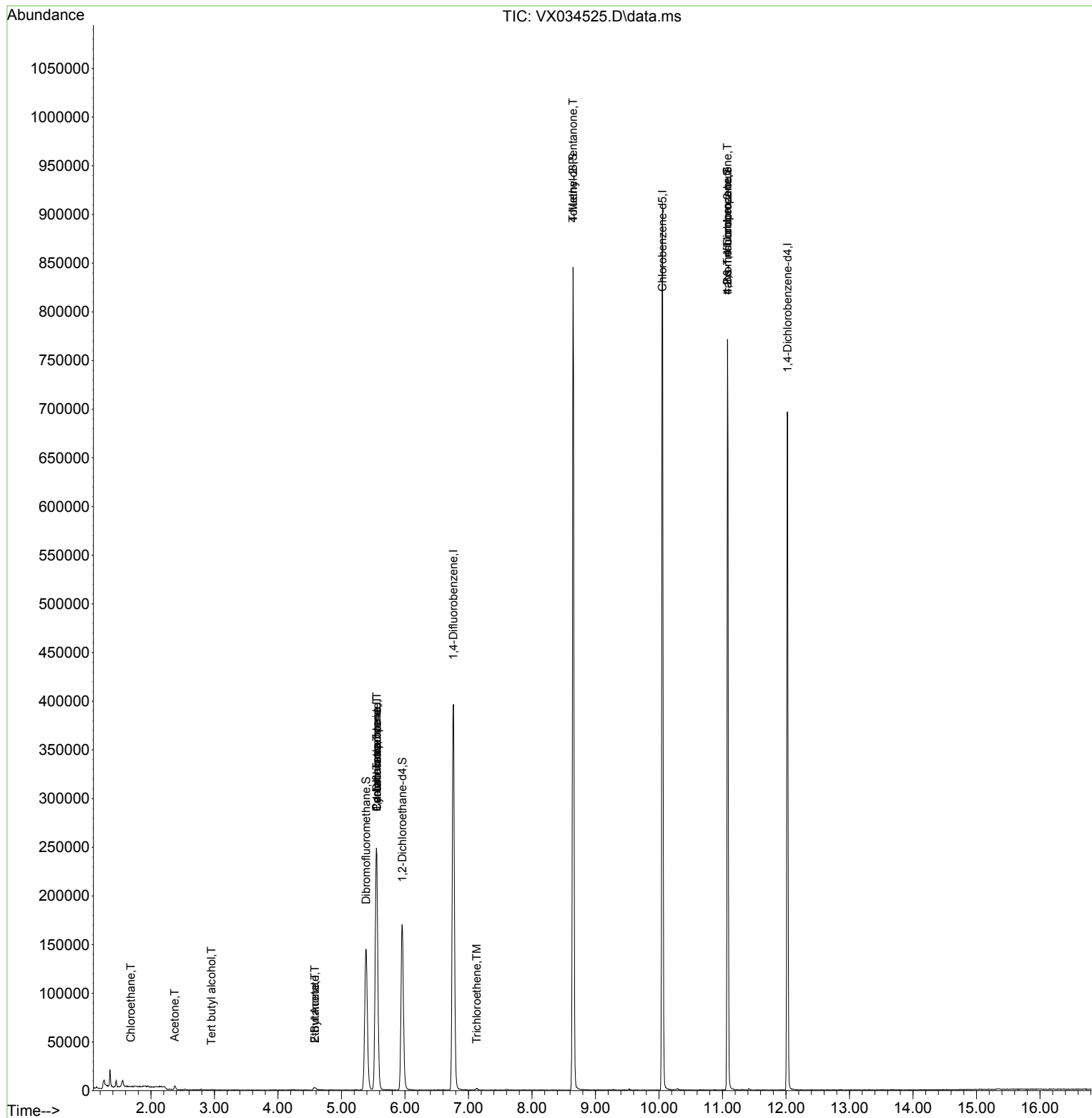
Internal Standards						
1) Pentafluorobenzene	5.556	168	239636	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	407127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162241	46.538	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.080%
35) Dibromofluoromethane	5.385	113	126905	47.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.420%
50) Toluene-d8	8.647	98	487560	48.588	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.079	95	205029	50.584	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	594	Below Cal	#	42
6) Chloroethane	1.685	64	385	0.220	ug/l #	42
11) Tert butyl alcohol	2.953	59	626	0.862	ug/l #	73
16) Acetone	2.374	43	4018	2.447	ug/l #	88
25) 2-Butanone	4.581	43	4983	2.121	ug/l	98
31) Cyclohexane	5.556	56	5654	1.156	ug/l #	29
36) 1,1-Dichloropropene	5.556	75	19068	4.618	ug/l #	50
37) Ethyl Acetate	4.581	43	4983	1.105	ug/l #	70
38) Carbon Tetrachloride	5.556	117	23516	5.725	ug/l #	17
44) Trichloroethene	7.129	130	729	0.232	ug/l	58
51) 4-Methyl-2-Pentanone	8.647	43	2387	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	110975	33.572	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110975	90.823	ug/l #	8

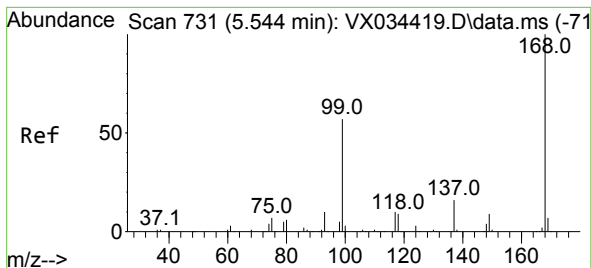
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.012 min

Lab File: VX034525.D

Acq: 15 Mar 2023 21:51

Instrument :

MSVOA_X

ClientSampleId :

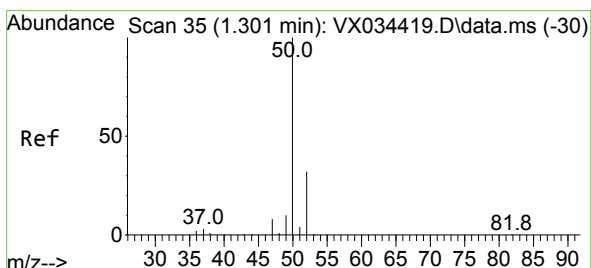
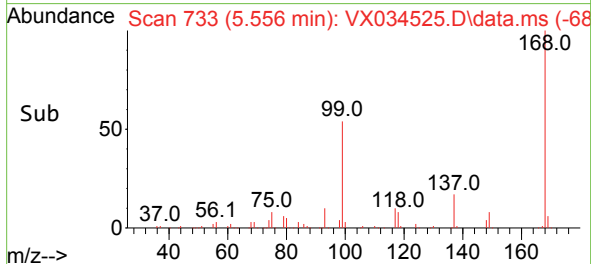
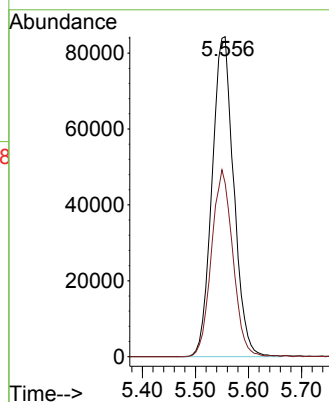
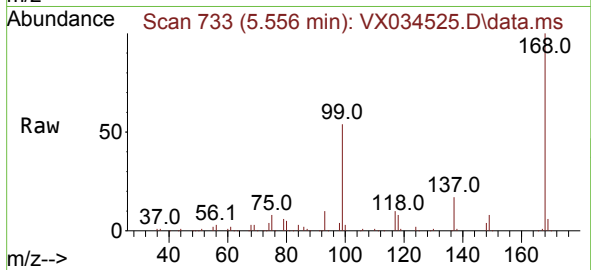
FB02-20230313

Tgt Ion:168 Resp: 239636

Ion Ratio Lower Upper

168 100

99 54.2 45.7 68.5



#3

Chloromethane

Concen: Below Cal

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX034525.D

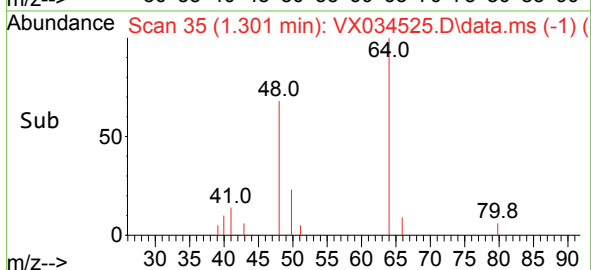
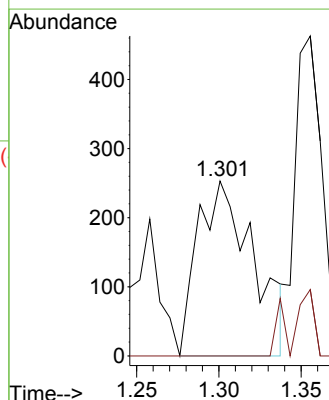
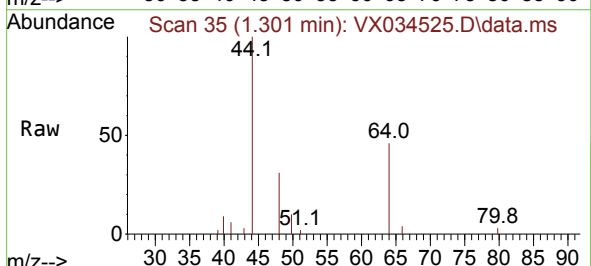
Acq: 15 Mar 2023 21:51

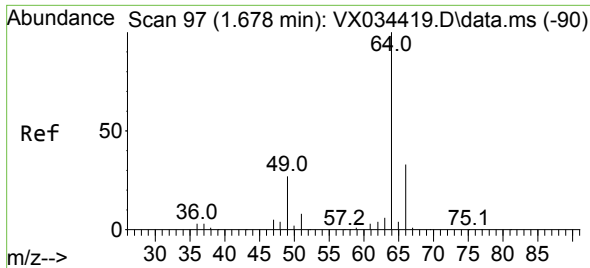
Tgt Ion: 50 Resp: 594

Ion Ratio Lower Upper

50 100

52 0.0 25.9 38.9#

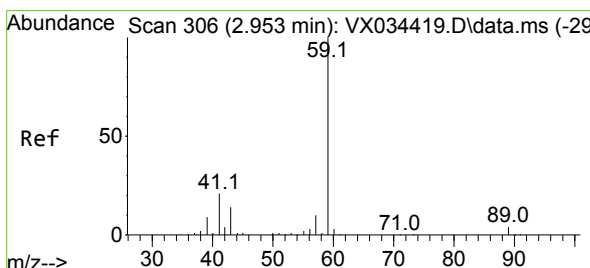
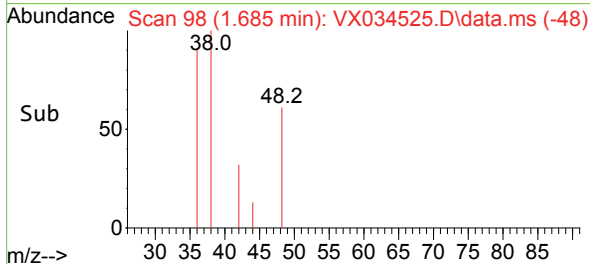
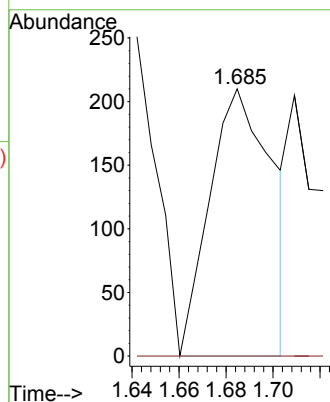
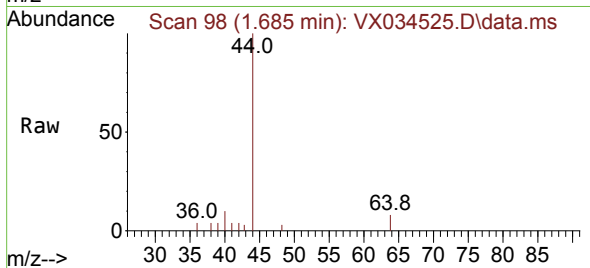




#6
Chloroethane
Concen: 0.220 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

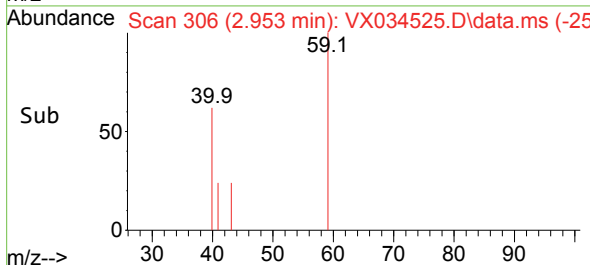
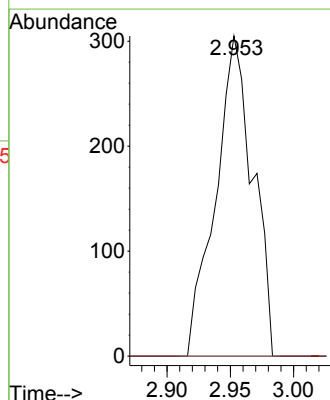
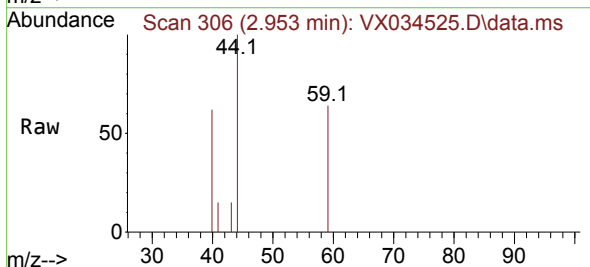
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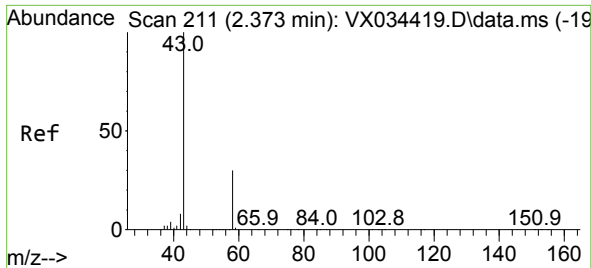
Tgt Ion: 64 Resp: 385
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.862 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

Tgt Ion: 59 Resp: 626
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

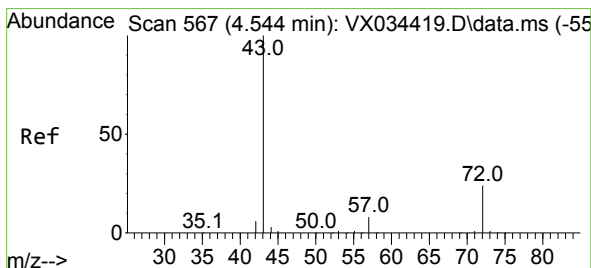
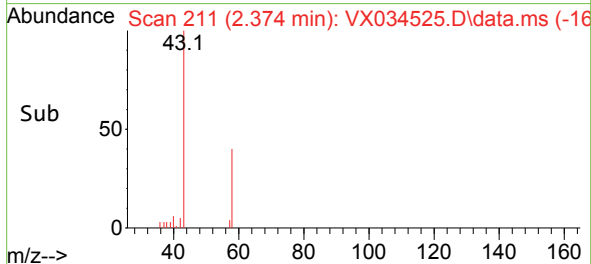
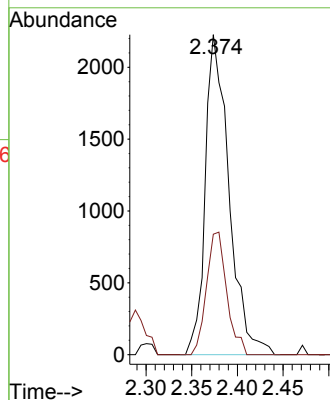
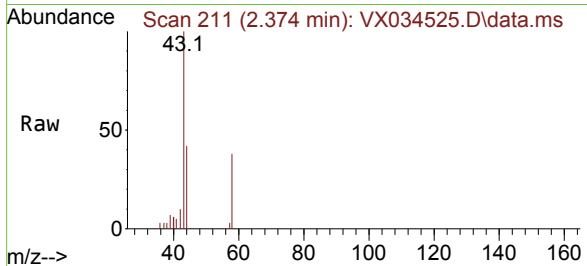




#16
Acetone
Concen: 2.447 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

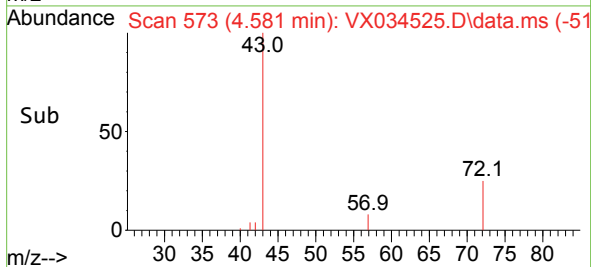
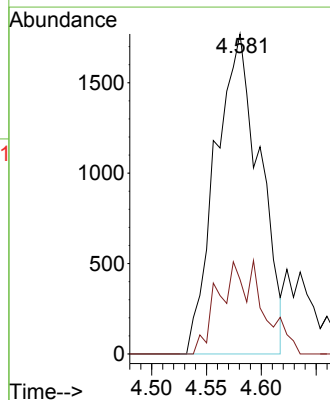
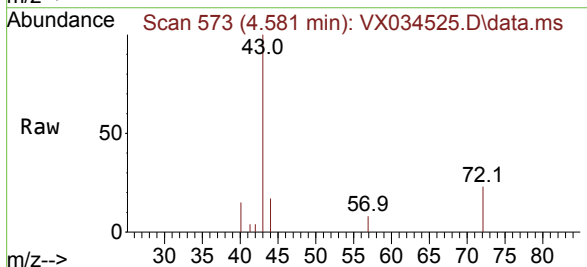
Instrument :
MSVOA_X
ClientSampleId :
FB02-20230313

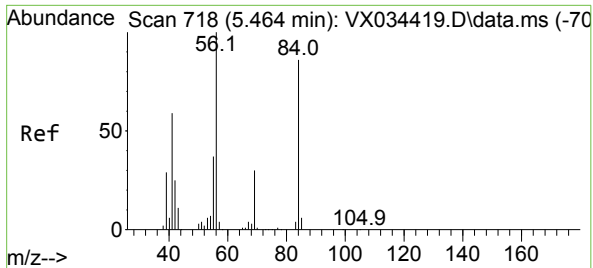
Tgt Ion: 43 Resp: 4018
Ion Ratio Lower Upper
43 100
58 37.6 24.7 37.1#



#25
2-Butanone
Concen: 2.121 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.037 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

Tgt Ion: 43 Resp: 4983
Ion Ratio Lower Upper
43 100
72 23.3 19.3 28.9

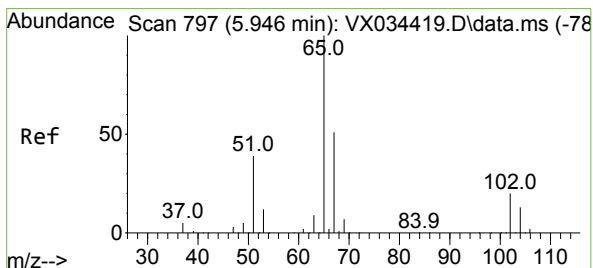
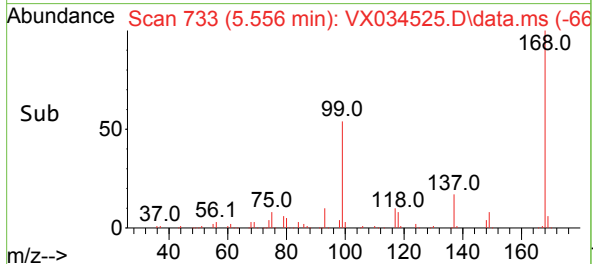
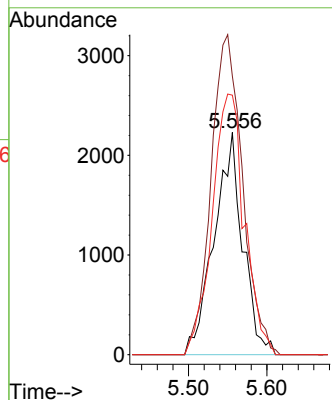
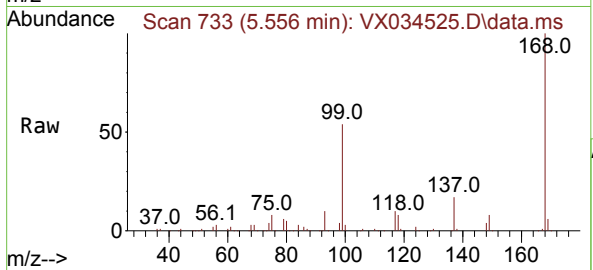




#31
Cyclohexane
Concen: 1.156 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

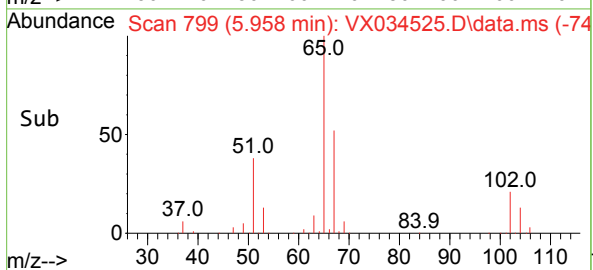
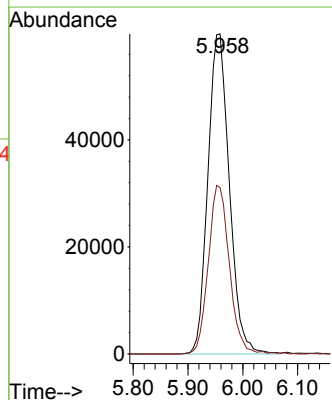
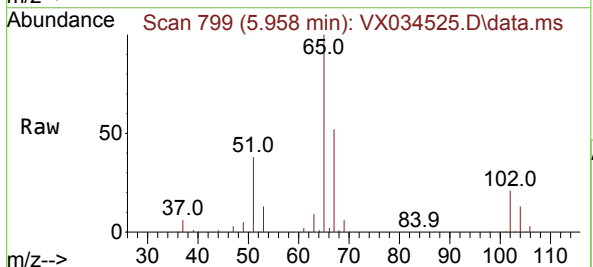
Instrument :
MSVOA_X
ClientSampleId :
FB02-20230313

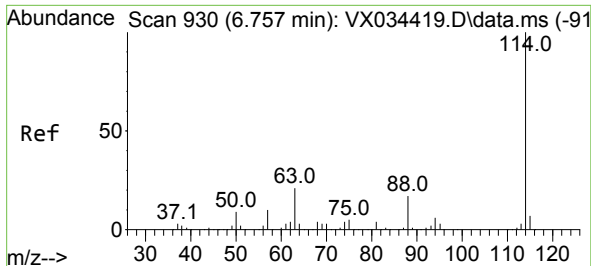
Tgt Ion: 56 Resp: 5654
Ion Ratio Lower Upper
56 100
69 125.3 23.7 35.5#
84 116.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.538 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

Tgt Ion: 65 Resp: 162241
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

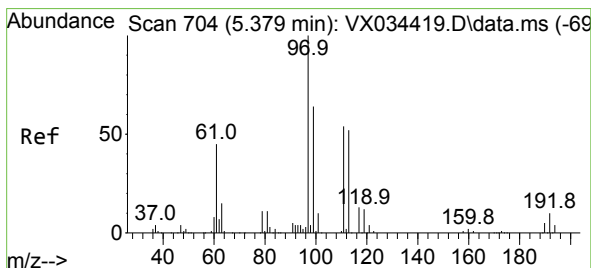
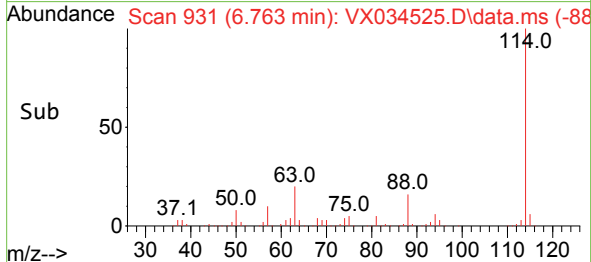
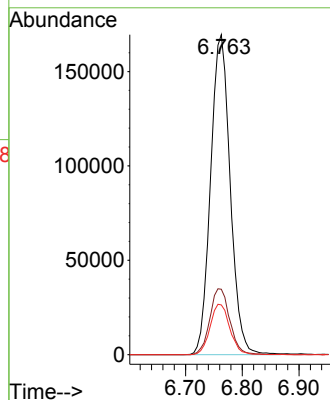
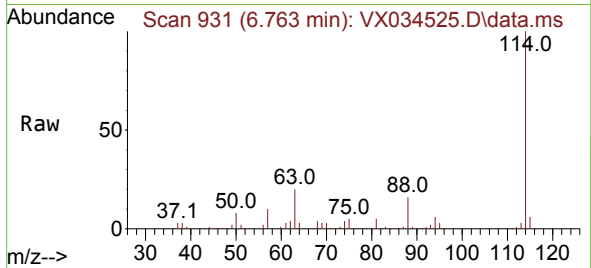




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

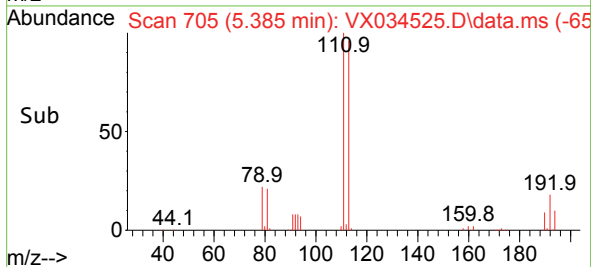
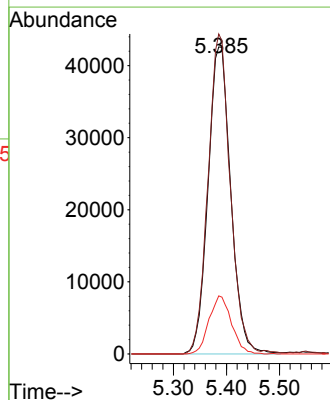
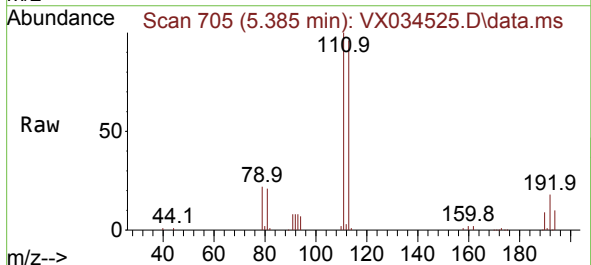
Instrument :
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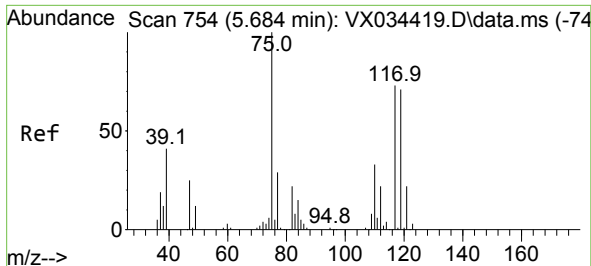
Tgt Ion:114 Resp: 407127
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.211 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

Tgt Ion:113 Resp: 126905
Ion Ratio Lower Upper
113 100
111 101.5 83.7 125.5
192 18.7 15.4 23.2

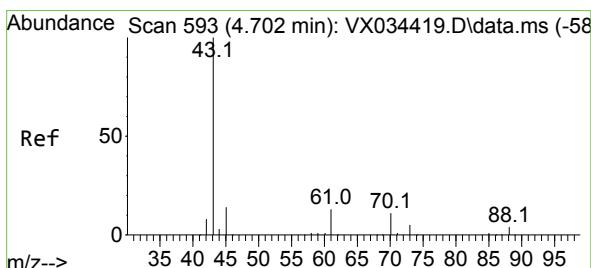
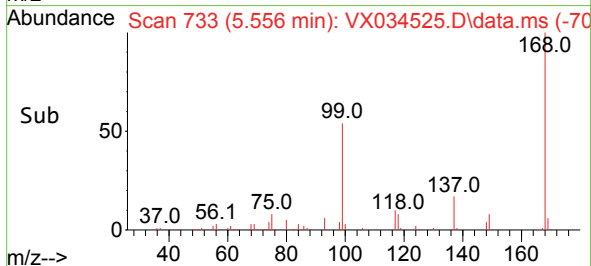
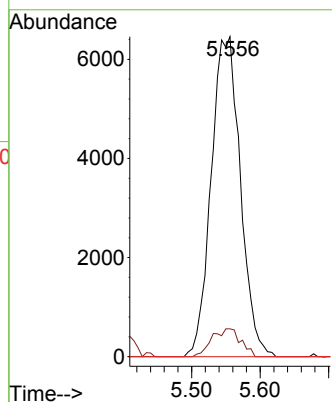
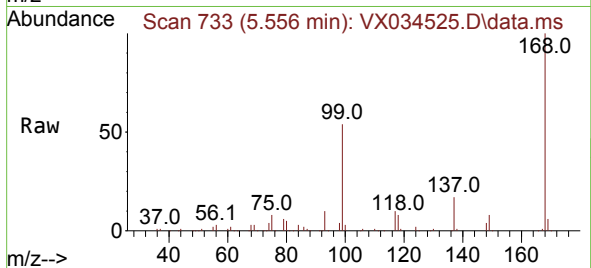




#36
1,1-Dichloropropene
Concen: 4.618 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

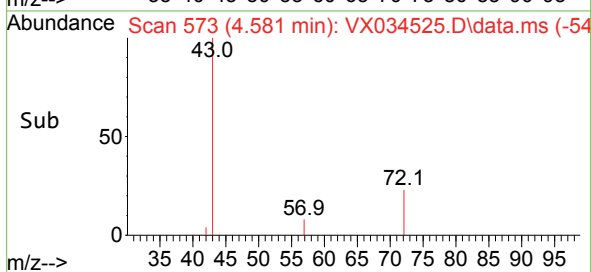
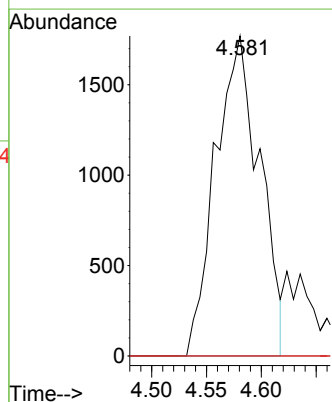
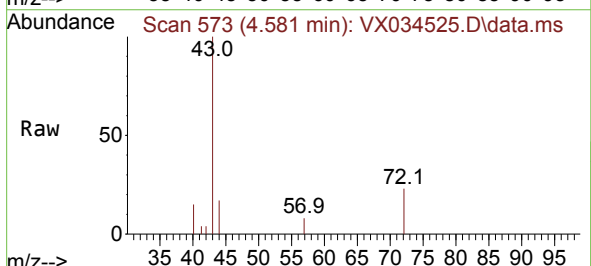
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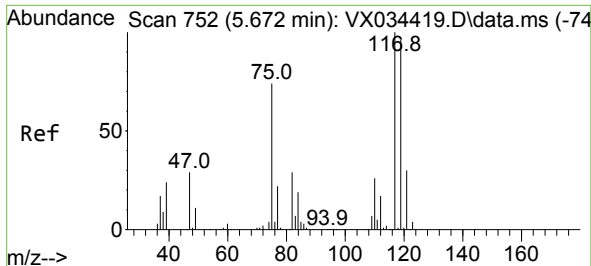
Tgt Ion: 75 Resp: 19068
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 1.105 ug/l
RT: 4.581 min Scan# 573
Delta R.T. -0.122 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

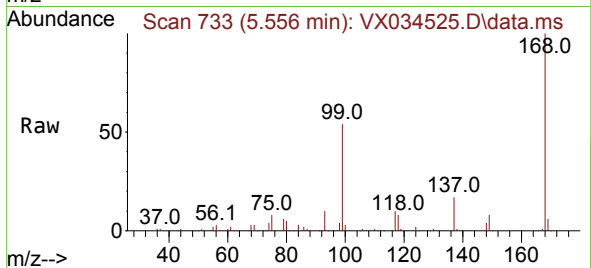
Tgt Ion: 43 Resp: 4983
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 8.2 12.4#



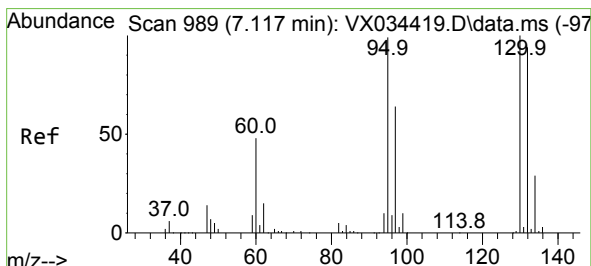
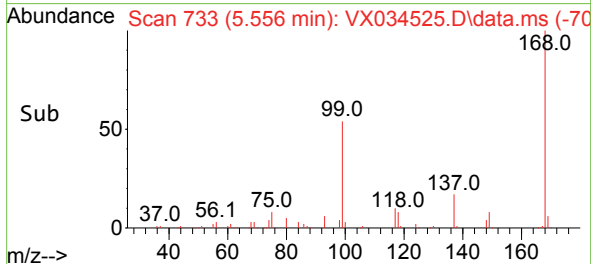
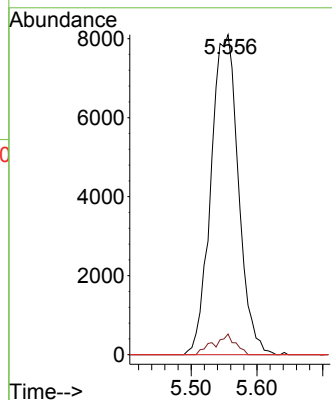


#38
Carbon Tetrachloride
Concen: 5.725 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

Instrument :
MSVOA_X
ClientSampleId :
FB02-20230313

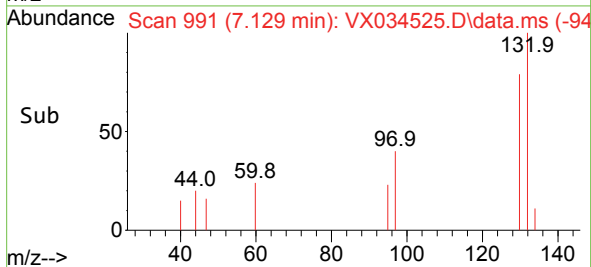
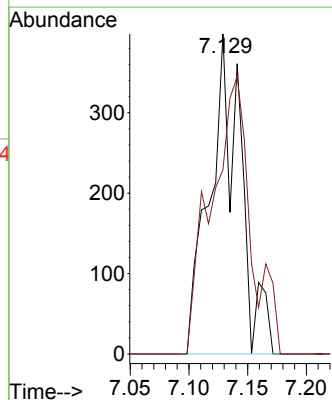
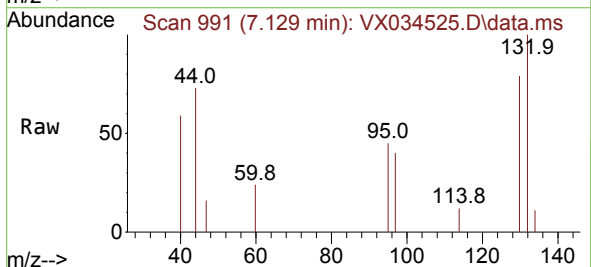


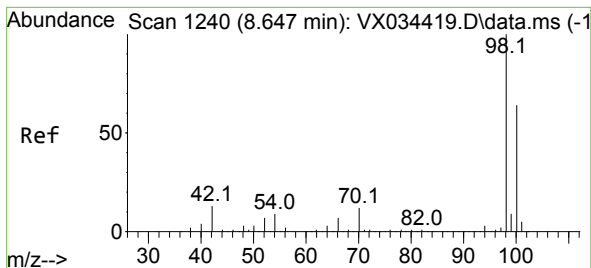
Tgt Ion:117 Resp: 23516
Ion Ratio Lower Upper
117 100
119 6.5 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.232 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

Tgt Ion:130 Resp: 729
Ion Ratio Lower Upper
130 100
95 57.5 0.0 198.4





#50

Toluene-d8

Concen: 48.588 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034525.D

Acq: 15 Mar 2023 21:51

Instrument :

MSVOA_X

ClientSampleId :

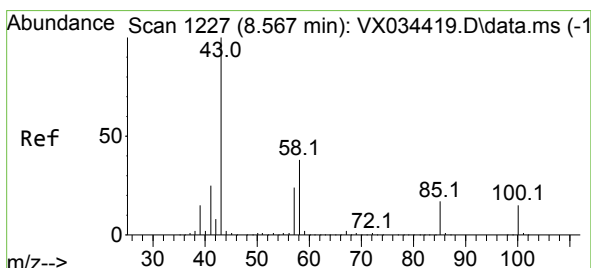
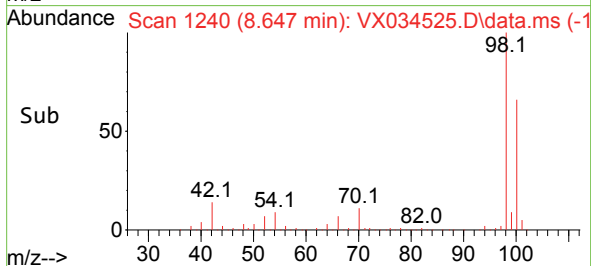
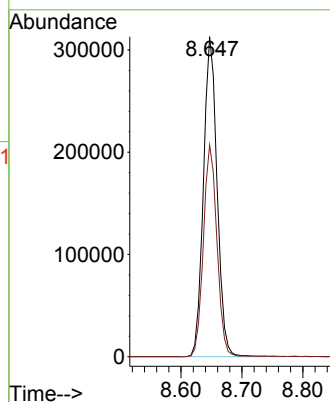
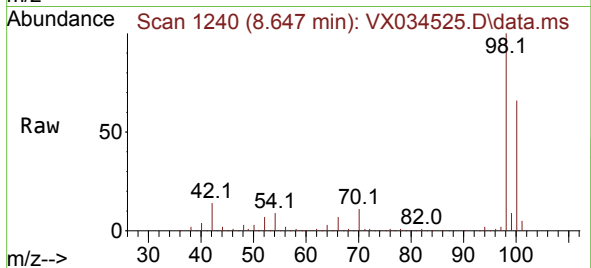
FB02-20230313

Tgt Ion: 98 Resp: 487560

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.539 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.079 min

Lab File: VX034525.D

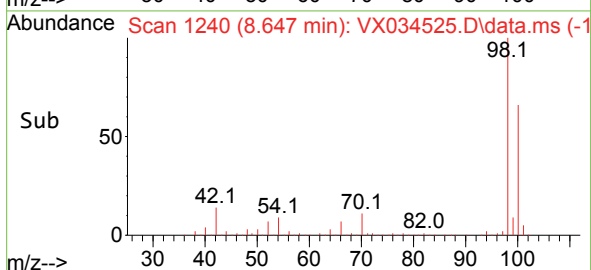
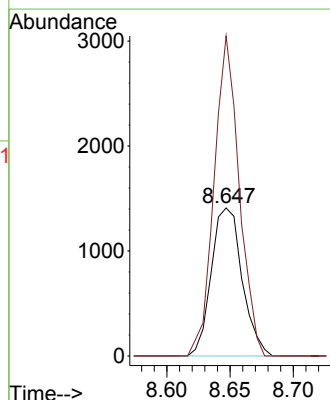
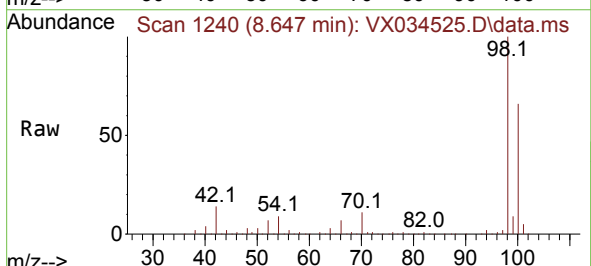
Acq: 15 Mar 2023 21:51

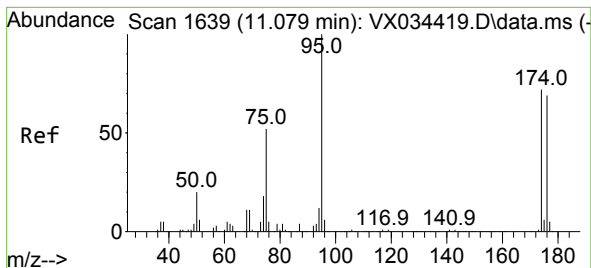
Tgt Ion: 43 Resp: 2387

Ion Ratio Lower Upper

43 100

58 176.2 30.6 46.0#

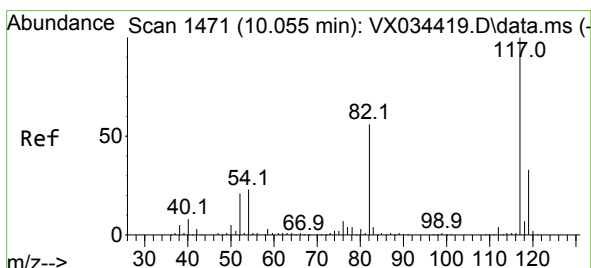
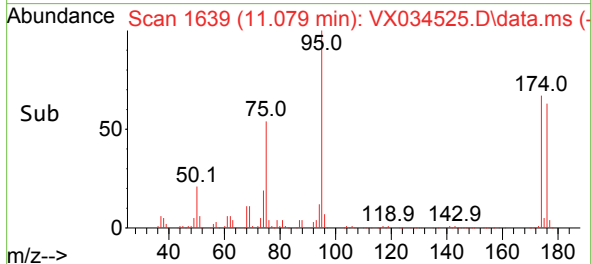
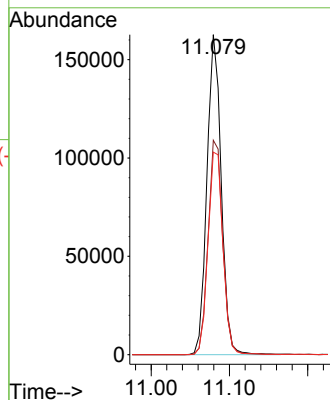
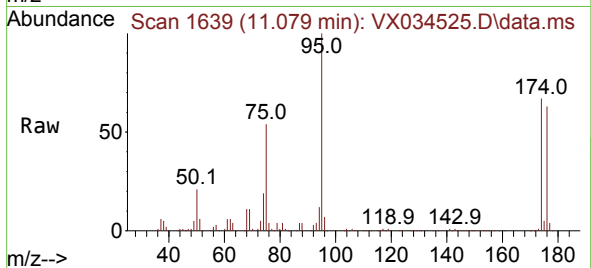




#62
4-Bromofluorobenzene
Concen: 50.584 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

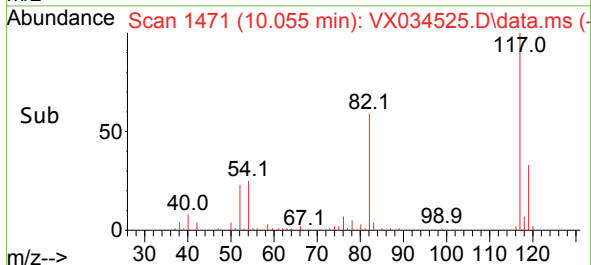
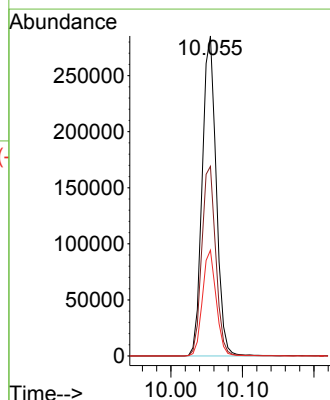
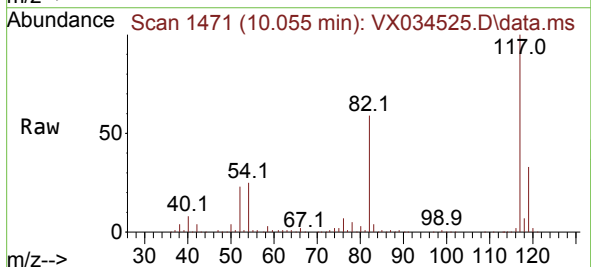
Instrument :
MSVOA_X
ClientSampleId :
FB02-20230313

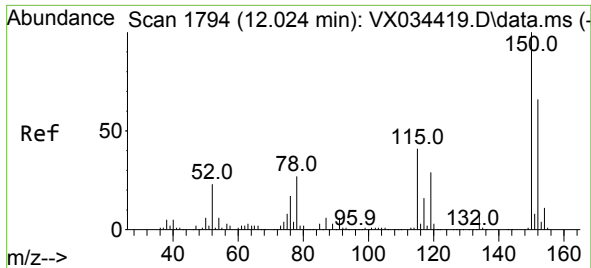
Tgt Ion: 95 Resp: 205029
Ion Ratio Lower Upper
95 100
174 69.4 0.0 147.4
176 66.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034525.D
Acq: 15 Mar 2023 21:51

Tgt Ion: 117 Resp: 388133
Ion Ratio Lower Upper
117 100
82 59.2 45.0 67.4
119 33.1 26.0 39.0

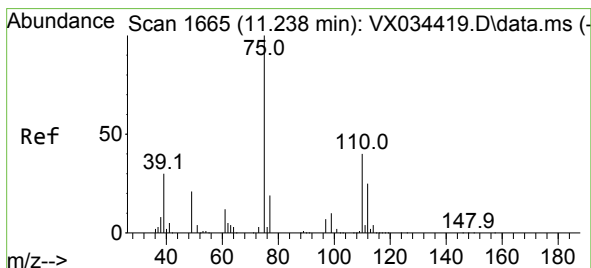
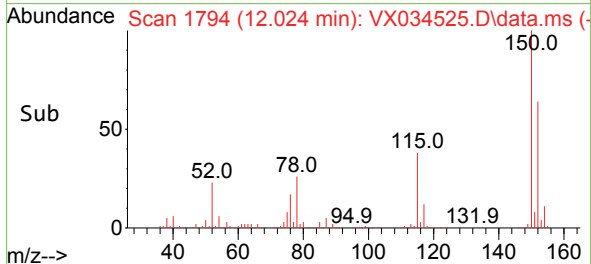
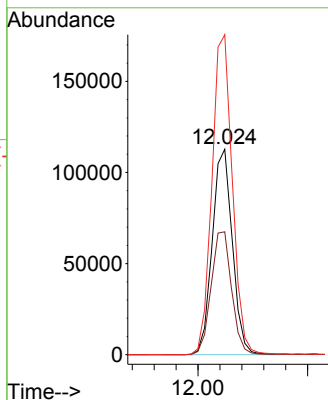
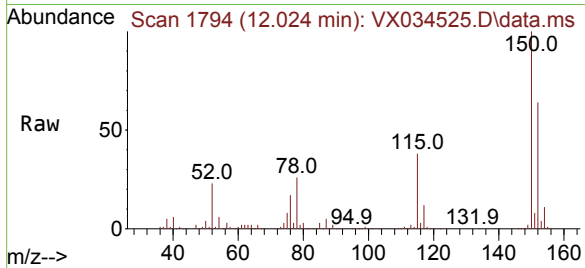




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034525.D
 Acq: 15 Mar 2023 21:51

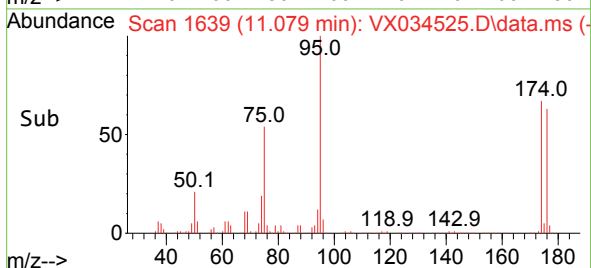
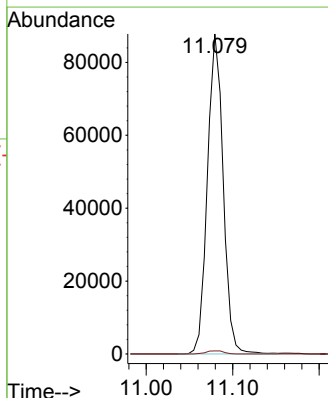
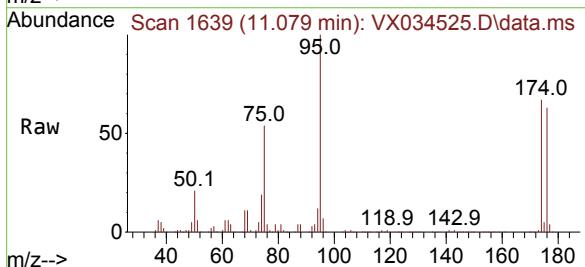
Instrument :
 MSVOA_X
 ClientSampleId :
 FB02-20230313

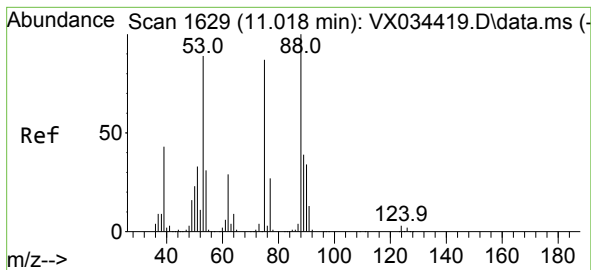
Tgt Ion:152 Resp: 143963
 Ion Ratio Lower Upper
 152 100
 115 61.1 45.0 135.0
 150 157.7 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 33.572 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034525.D
 Acq: 15 Mar 2023 21:51

Tgt Ion: 75 Resp: 110975
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.823 ug/l
 RT: 11.079 min Scan# 110
 Delta R.T. 0.061 min
 Lab File: VX034525.D
 Acq: 15 Mar 2023 21:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02-20230313

Tgt Ion: 75 Resp: 110975
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.1 36.9 55.3#

