

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037271.D
 Acq On : 25 Aug 2023 15:08
 Operator : JC/MD
 Sample : 04095-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20230818

Quant Time: Aug 26 02:21:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

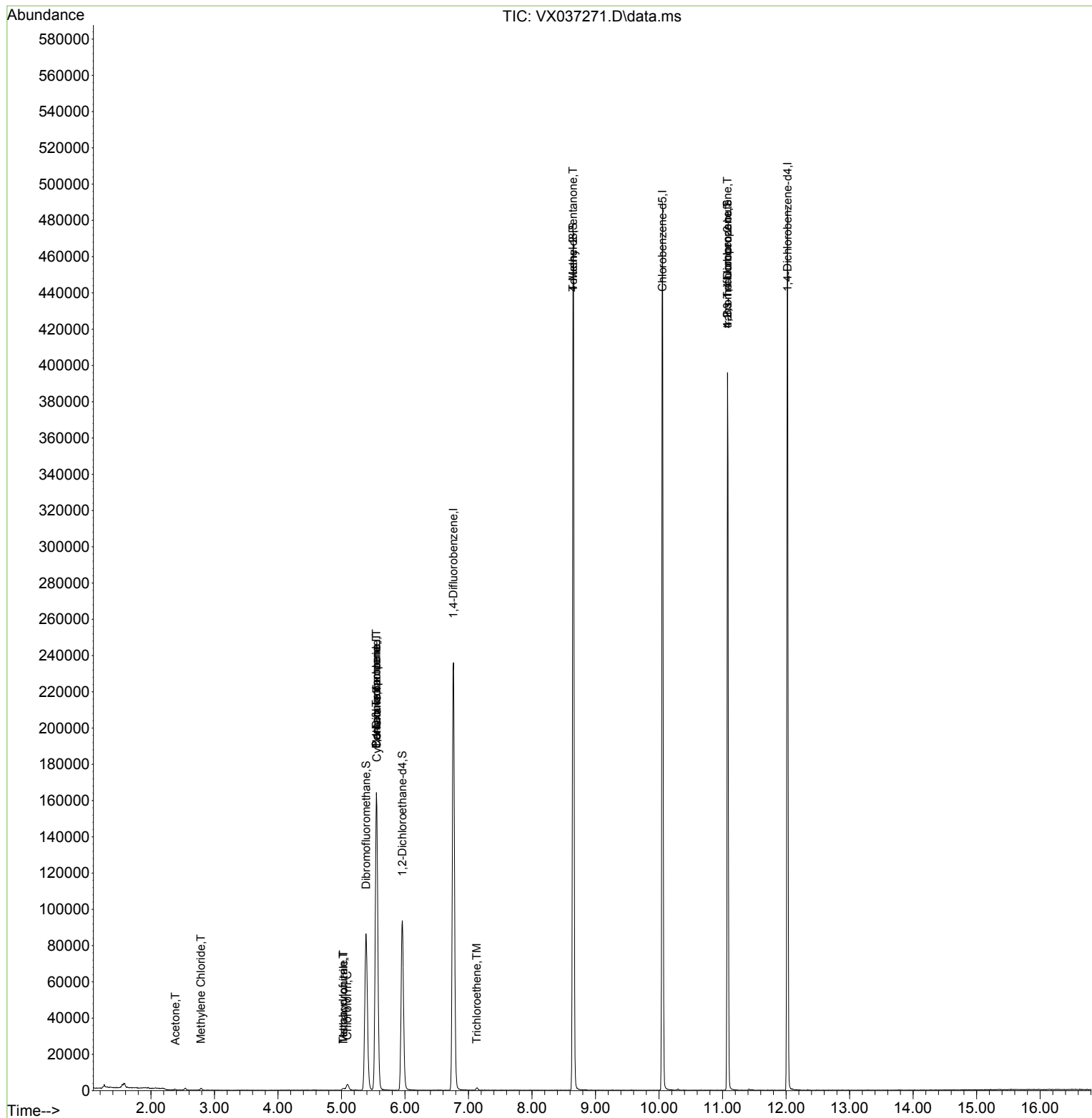
Internal Standards						
1) Pentafluorobenzene	5.550	168	153909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	252508	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94113	42.415	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.820%		
35) Dibromofluoromethane	5.385	113	77004	46.047	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.100%		
50) Toluene-d8	8.647	98	294556	48.558	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.120%		
62) 4-Bromofluorobenzene	11.079	95	109473	45.922	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.840%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	648	0.747	ug/l #	85
20) Methylene Chloride	2.788	84	571	0.294	ug/l #	90
29) Tetrahydrofuran	5.025	42	952	1.142	ug/l #	64
30) Chloroform	5.093	83	4350	1.228	ug/l	95
31) Cyclohexane	5.556	56	2852	1.143	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11833	4.980	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16231	6.289	ug/l #	14
41) Methacrylonitrile	5.032	41	625	0.495	ug/l #	36
44) Trichloroethene	7.129	130	690	0.357	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	1068	0.456	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55841	25.791	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55841	72.035	ug/l #	5

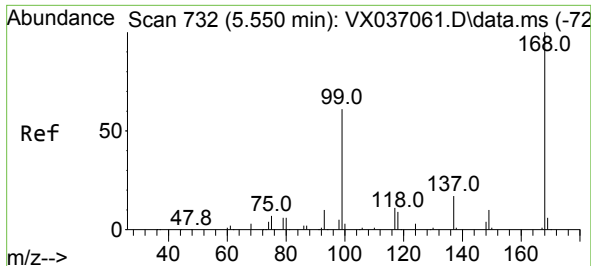
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 26 02:21:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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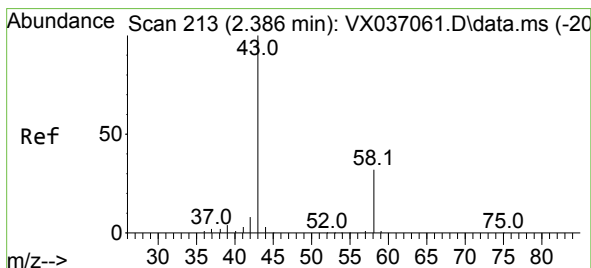
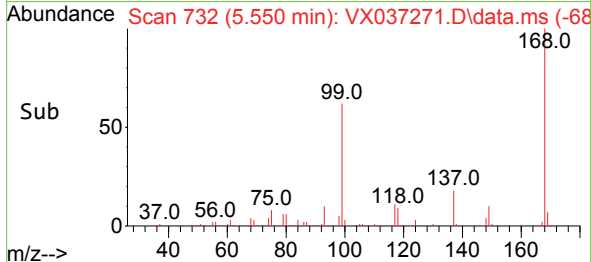
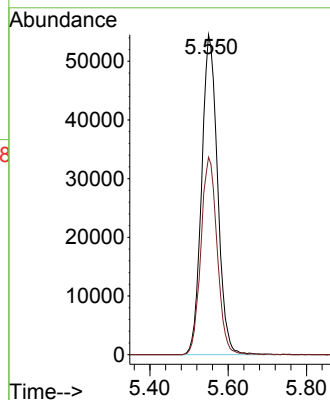
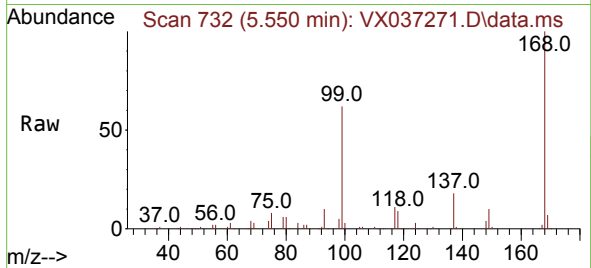




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037271.D
Acq: 25 Aug 2023 15:08

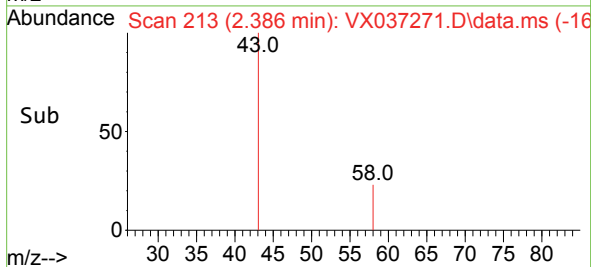
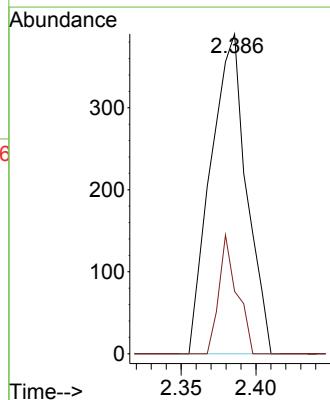
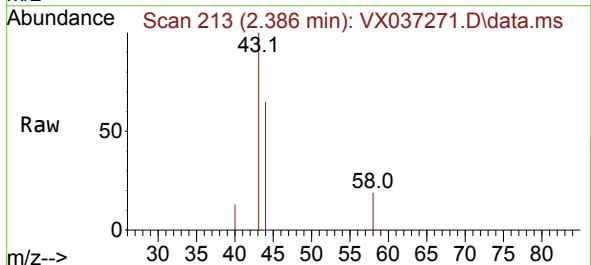
Instrument :
MSVOA_X
ClientSampleId :
FB01-20230818

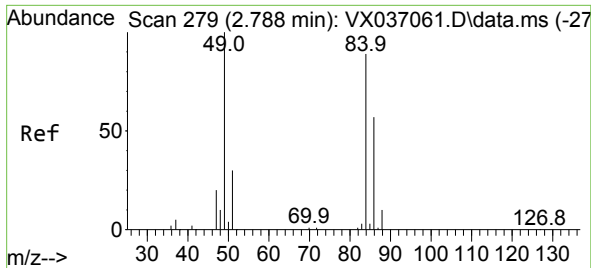
Tgt Ion:168 Resp: 153909
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#16
Acetone
Concen: 0.747 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037271.D
Acq: 25 Aug 2023 15:08

Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 19.5 21.9 32.9#





#20

Methylene Chloride

Concen: 0.294 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037271.D

Acq: 25 Aug 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

FB01-20230818

Tgt Ion: 84 Resp: 571

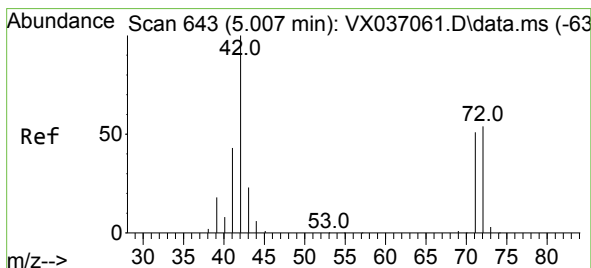
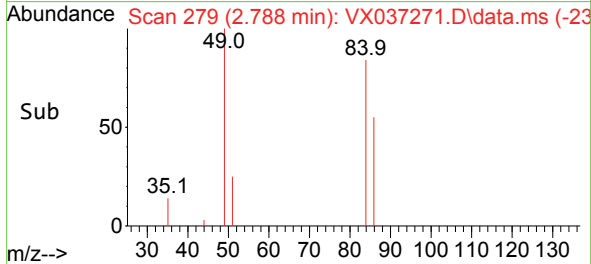
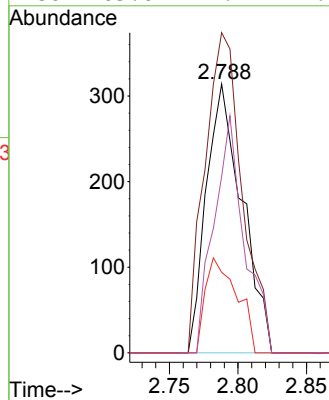
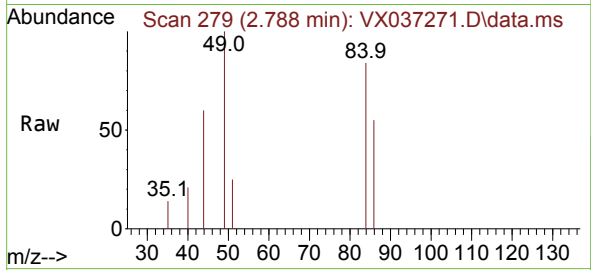
Ion Ratio Lower Upper

84 100

49 119.1 103.6 155.4

51 29.9 33.8 50.6#

86 65.6 49.4 74.0



#29

Tetrahydrofuran

Concen: 1.142 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.018 min

Lab File: VX037271.D

Acq: 25 Aug 2023 15:08

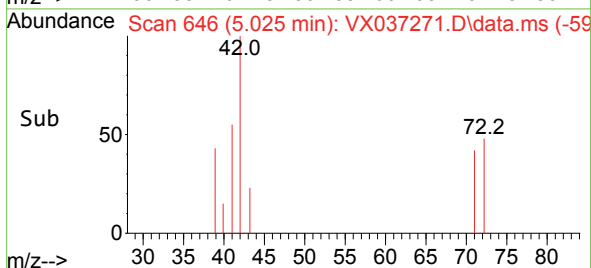
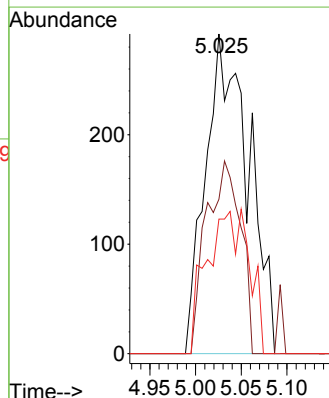
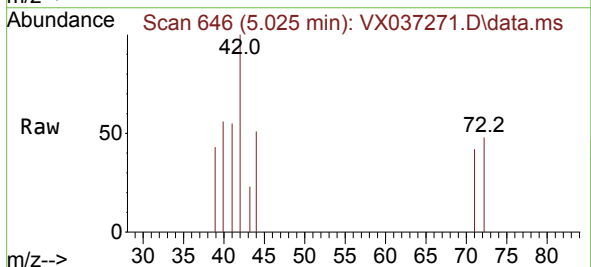
Tgt Ion: 42 Resp: 952

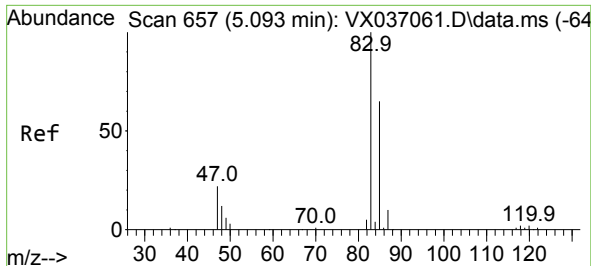
Ion Ratio Lower Upper

42 100

72 48.4 34.2 51.4

71 0.0 32.2 48.2#





#30

Chloroform

Concen: 1.228 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX037271.D

Acq: 25 Aug 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

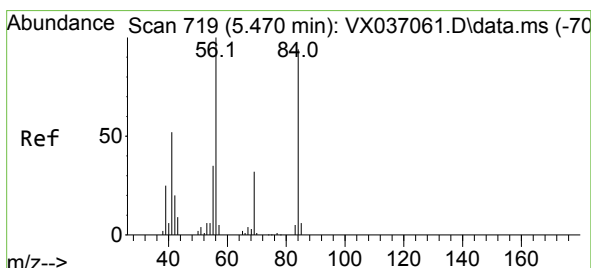
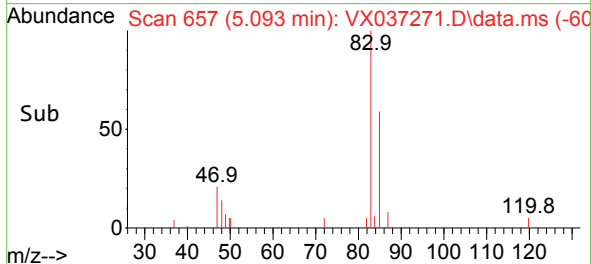
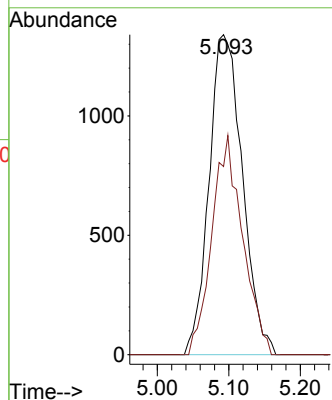
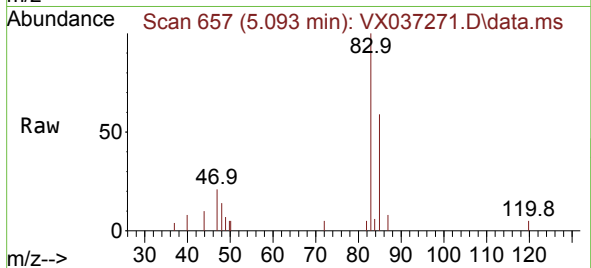
FB01-20230818

Tgt Ion: 83 Resp: 4350

Ion Ratio Lower Upper

83 100

85 58.8 50.3 75.5



#31

Cyclohexane

Concen: 1.143 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037271.D

Acq: 25 Aug 2023 15:08

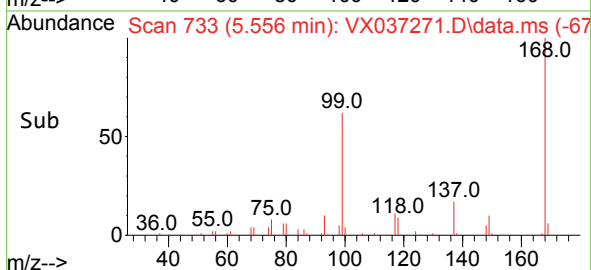
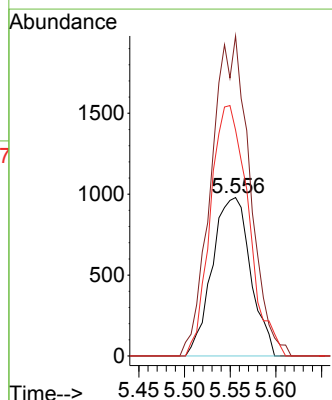
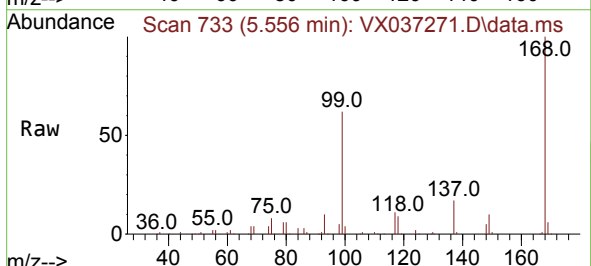
Tgt Ion: 56 Resp: 2852

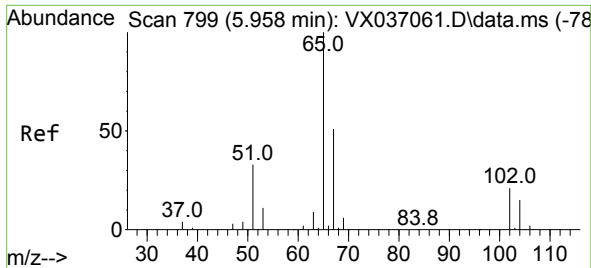
Ion Ratio Lower Upper

56 100

69 202.0 23.4 35.2#

84 142.7 65.9 98.9#

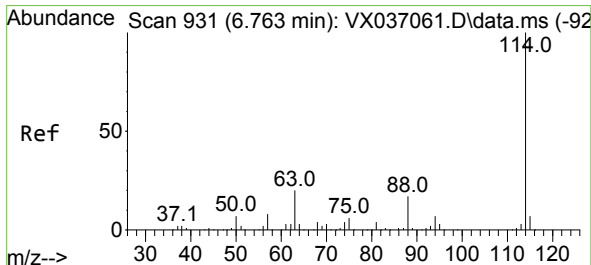
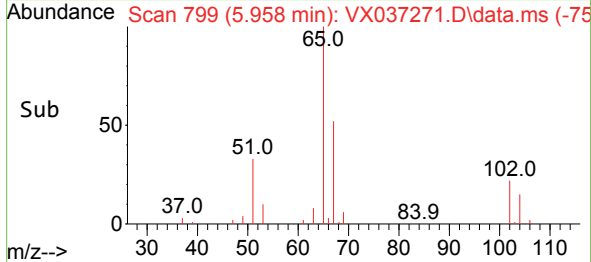
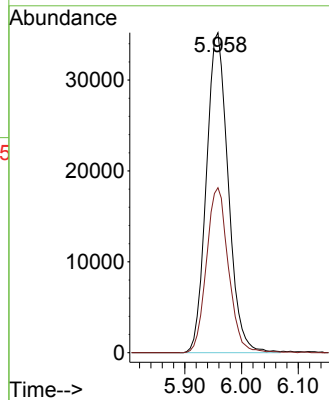
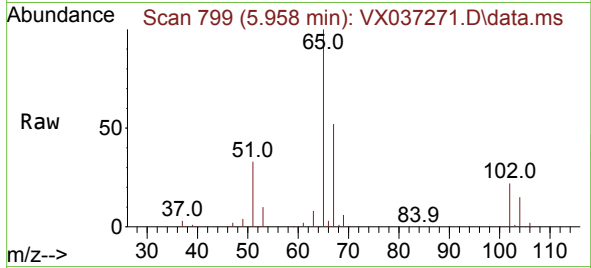




#33
 1,2-Dichloroethane-d4
 Concen: 42.415 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037271.D
 Acq: 25 Aug 2023 15:08

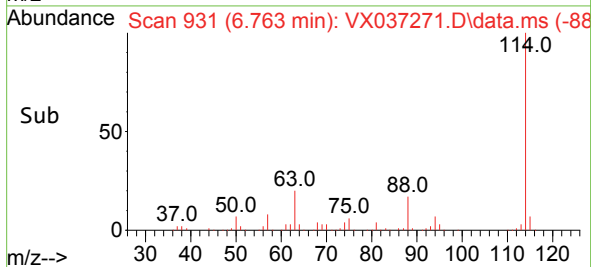
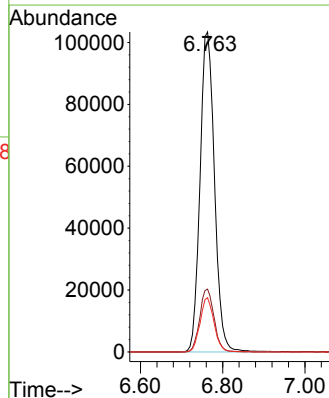
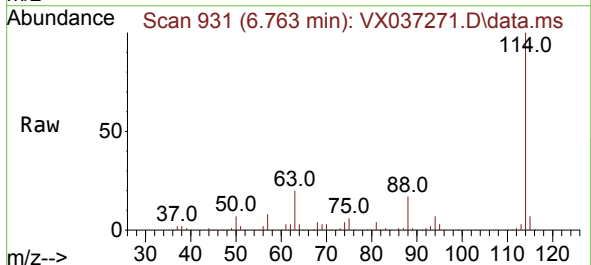
Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20230818

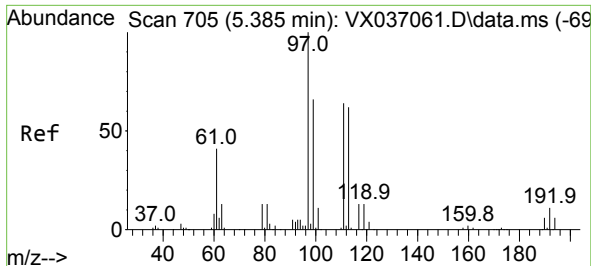
Tgt Ion: 65 Resp: 94113
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037271.D
 Acq: 25 Aug 2023 15:08

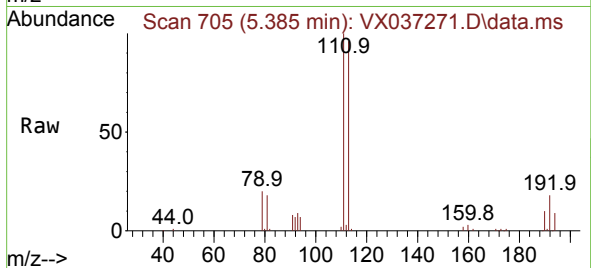
Tgt Ion: 114 Resp: 252508
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 45.0
 88 16.9 0.0 36.6



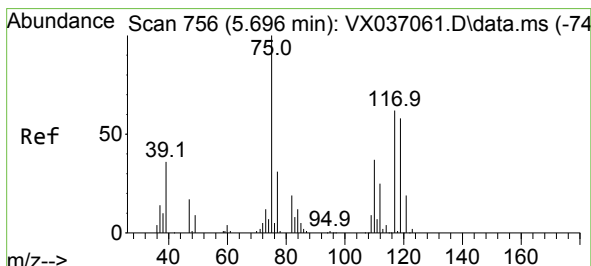
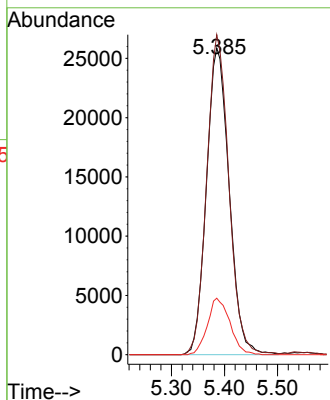
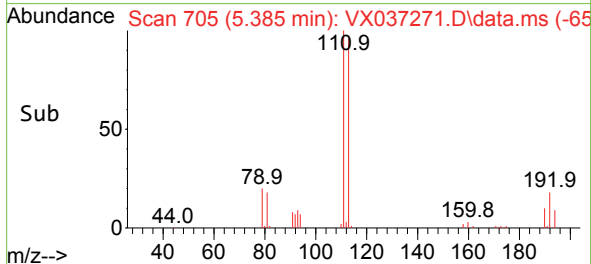


#35
Dibromofluoromethane
Concen: 46.047 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037271.D
Acq: 25 Aug 2023 15:08

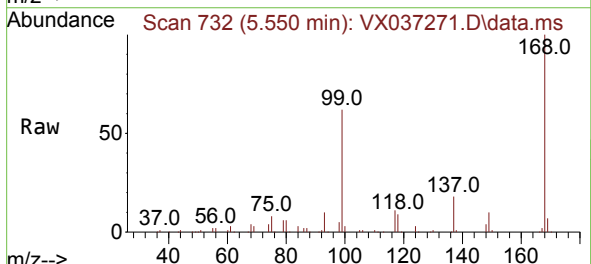
Instrument :
MSVOA_X
ClientSampleId :
FB01-20230818



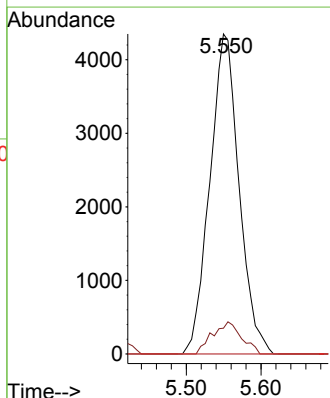
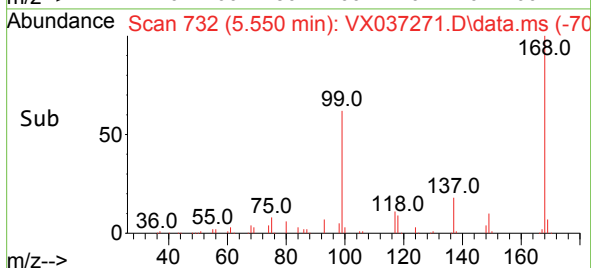
Tgt Ion: 113 Resp: 77004
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.2 13.3 19.9

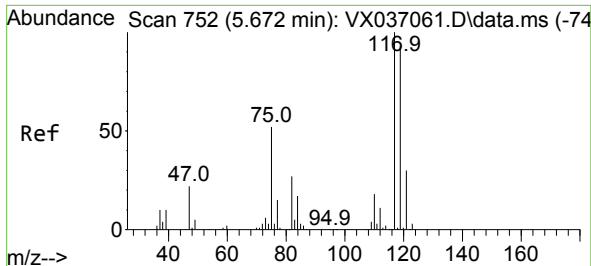


#36
1,1-Dichloropropene
Concen: 4.980 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037271.D
Acq: 25 Aug 2023 15:08



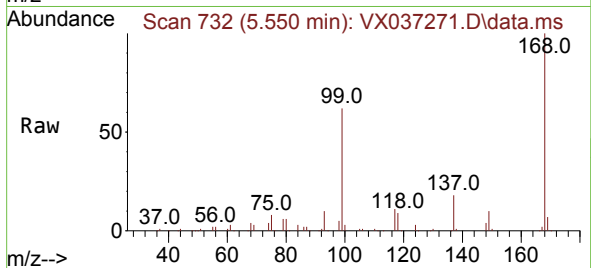
Tgt Ion: 75 Resp: 11833
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



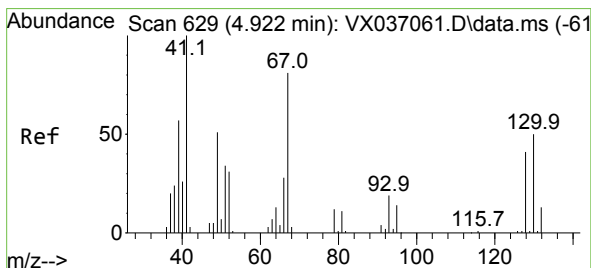
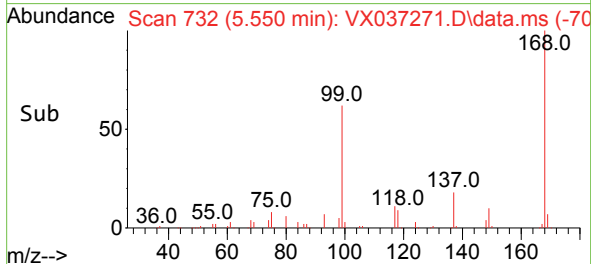
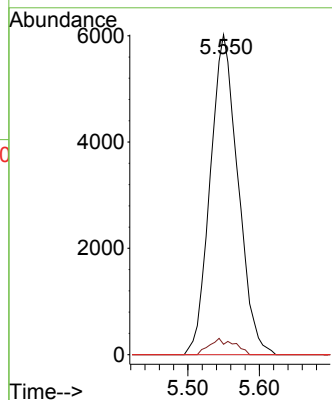


#38
Carbon Tetrachloride
Concen: 6.289 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037271.D
Acq: 25 Aug 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :
FB01-20230818

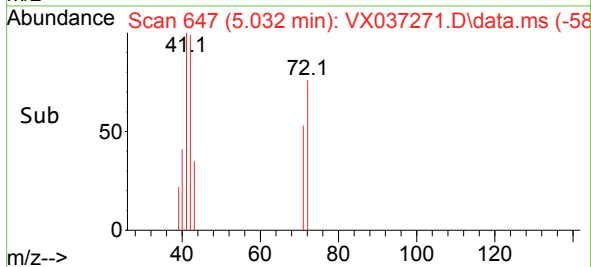
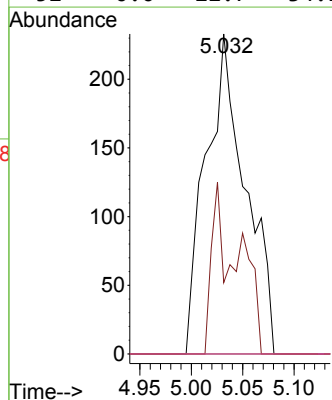
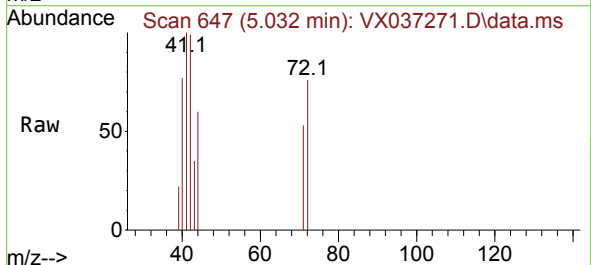


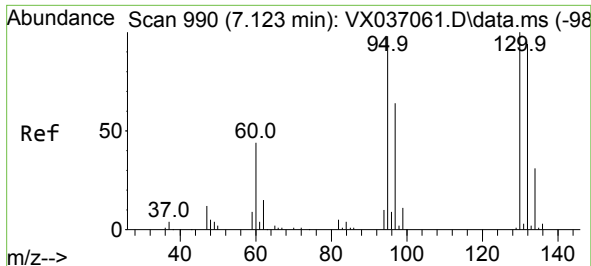
Tgt Ion:117 Resp: 16231
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.495 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.110 min
Lab File: VX037271.D
Acq: 25 Aug 2023 15:08

Tgt Ion: 41 Resp: 625
Ion Ratio Lower Upper
41 100
39 22.2 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

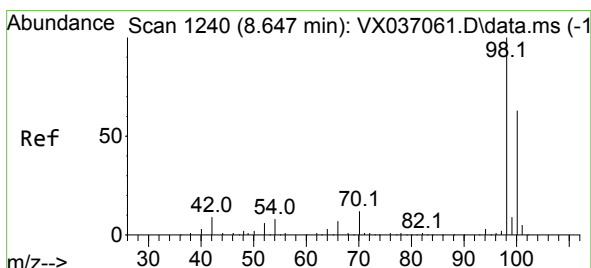
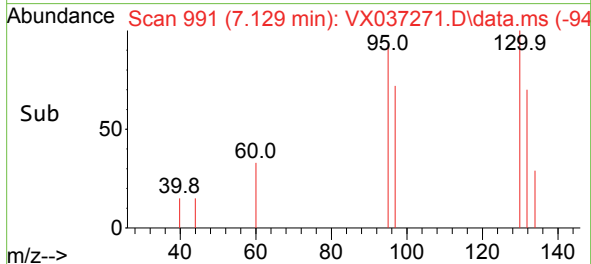
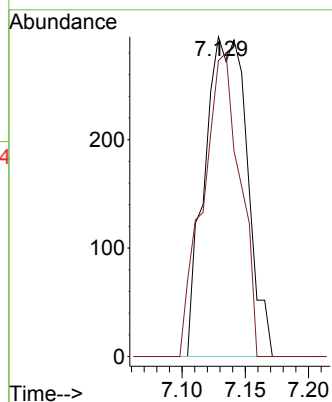
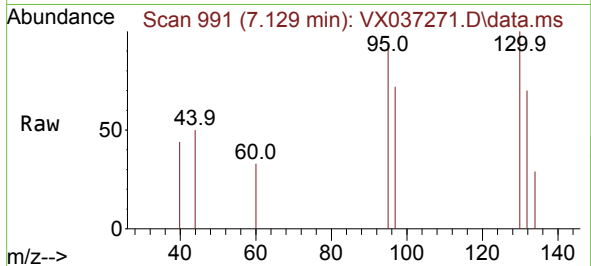




#44
Trichloroethene
Concen: 0.357 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037271.D
Acq: 25 Aug 2023 15:08

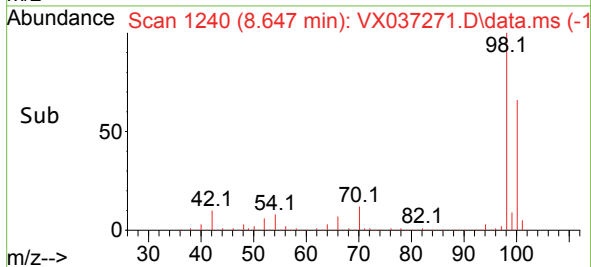
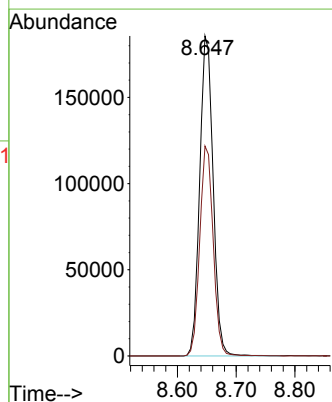
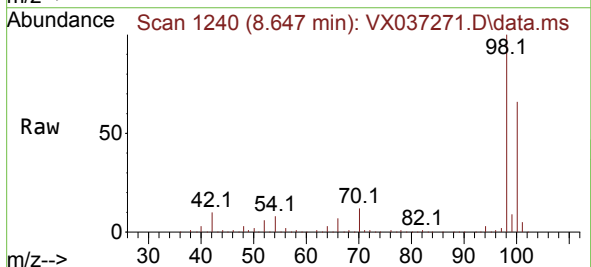
Instrument :
MSVOA_X
ClientSampleId :
FB01-20230818

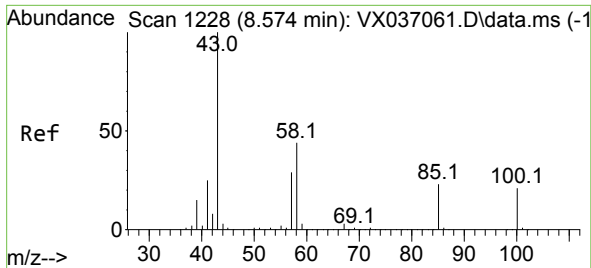
Tgt Ion:130 Resp: 690
Ion Ratio Lower Upper
130 100
95 92.5 0.0 204.4



#50
Toluene-d8
Concen: 48.558 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037271.D
Acq: 25 Aug 2023 15:08

Tgt Ion: 98 Resp: 294556
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

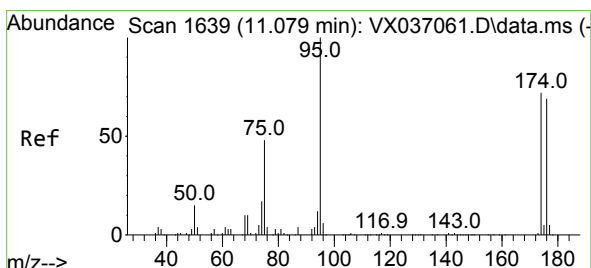
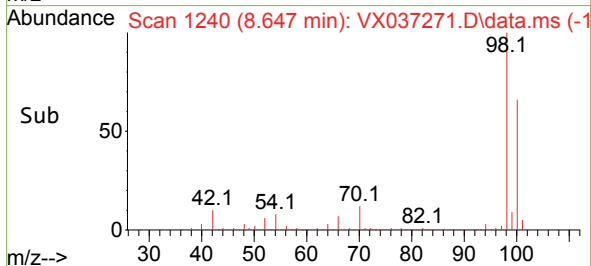
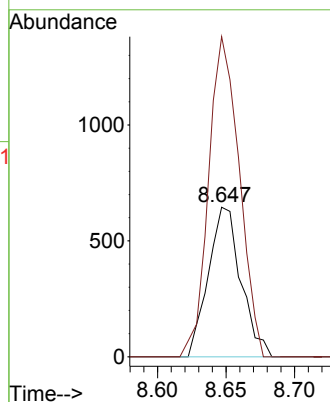
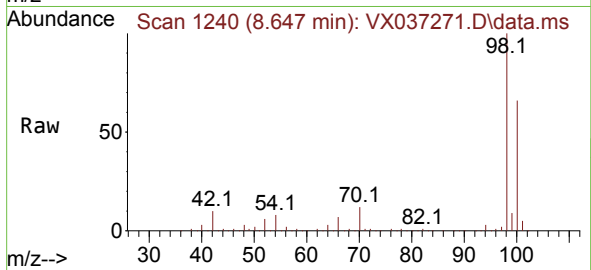




#51
4-Methyl-2-Pentanone
Concen: 0.456 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037271.D
Acq: 25 Aug 2023 15:08

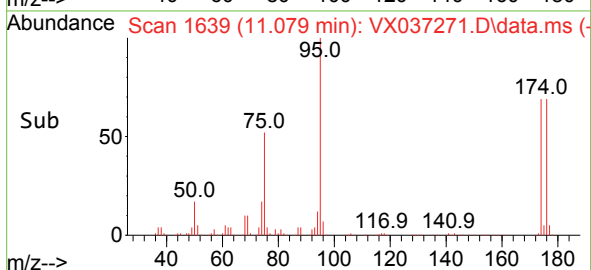
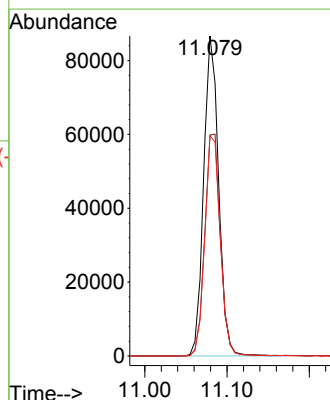
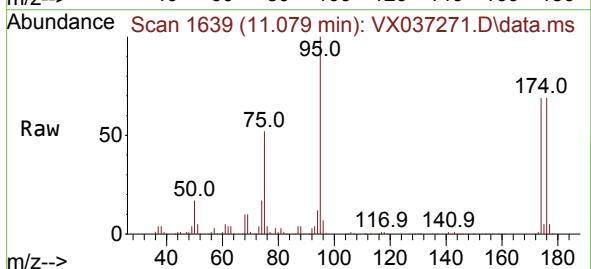
Instrument :
MSVOA_X
ClientSampleId :
FB01-20230818

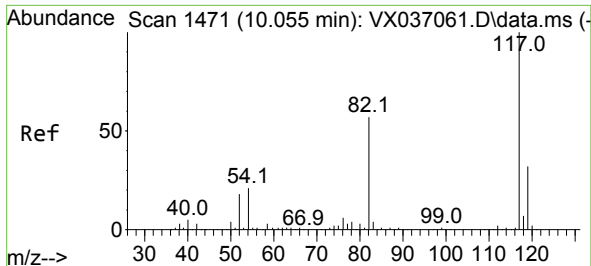
Tgt Ion: 43 Resp: 1068
Ion Ratio Lower Upper
43 100
58 201.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.922 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037271.D
Acq: 25 Aug 2023 15:08

Tgt Ion: 95 Resp: 109473
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 71.0 0.0 131.0

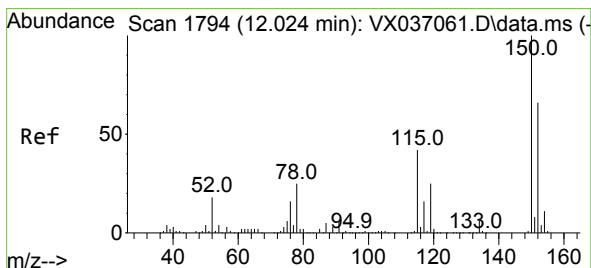
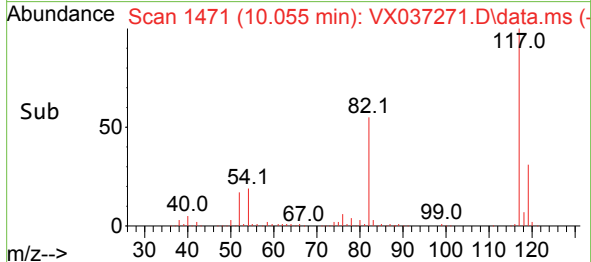
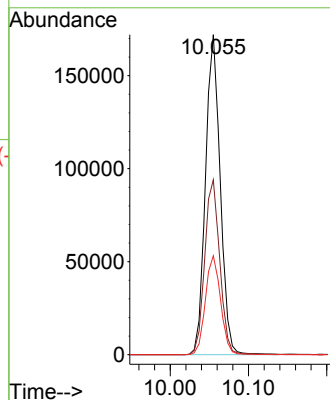
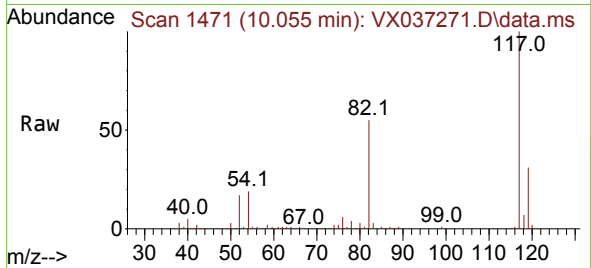




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037271.D
Acq: 25 Aug 2023 15:08

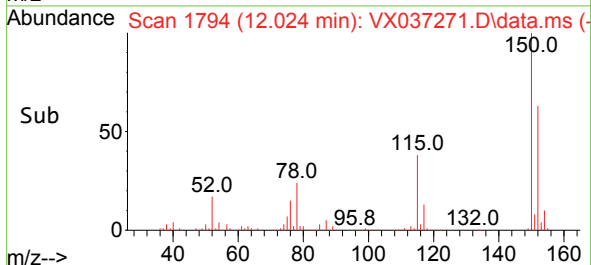
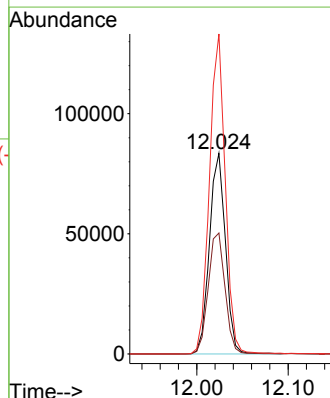
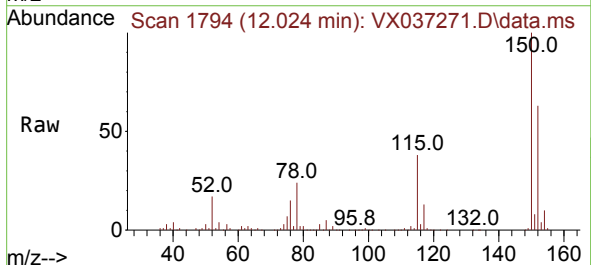
Instrument :
MSVOA_X
ClientSampleId :
FB01-20230818

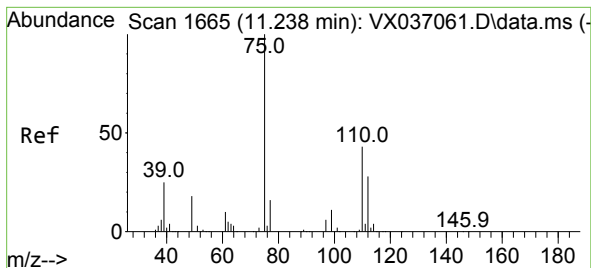
Tgt Ion:117 Resp: 224394
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 30.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037271.D
Acq: 25 Aug 2023 15:08

Tgt Ion:152 Resp: 101666
Ion Ratio Lower Upper
152 100
115 63.2 43.3 129.9
150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.791 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037271.D

Acq: 25 Aug 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

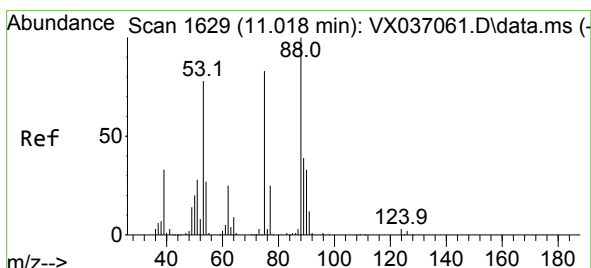
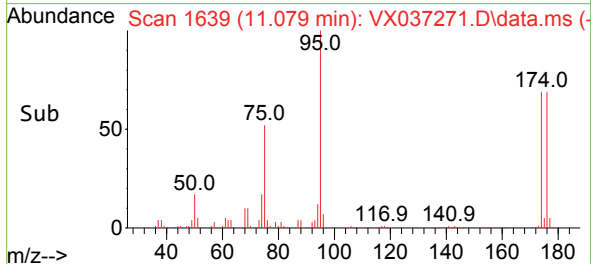
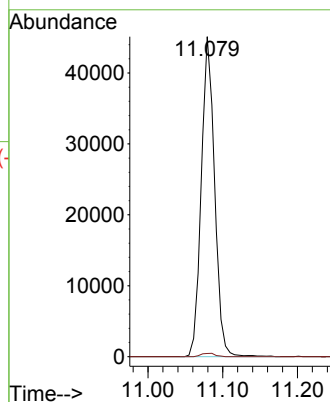
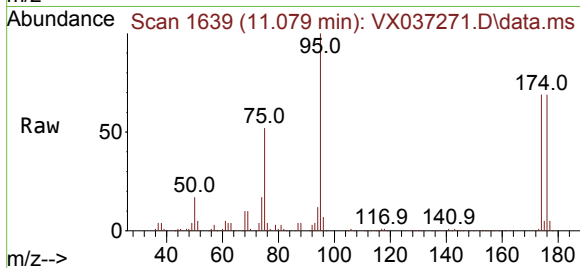
FB01-20230818

Tgt Ion: 75 Resp: 55841

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.035 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037271.D

Acq: 25 Aug 2023 15:08

Tgt Ion: 75 Resp: 55841

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

