

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038939.D
 Acq On : 18 Nov 2023 19:23
 Operator : JC/MD
 Sample : 05428-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20231113

Quant Time: Nov 20 04:39:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

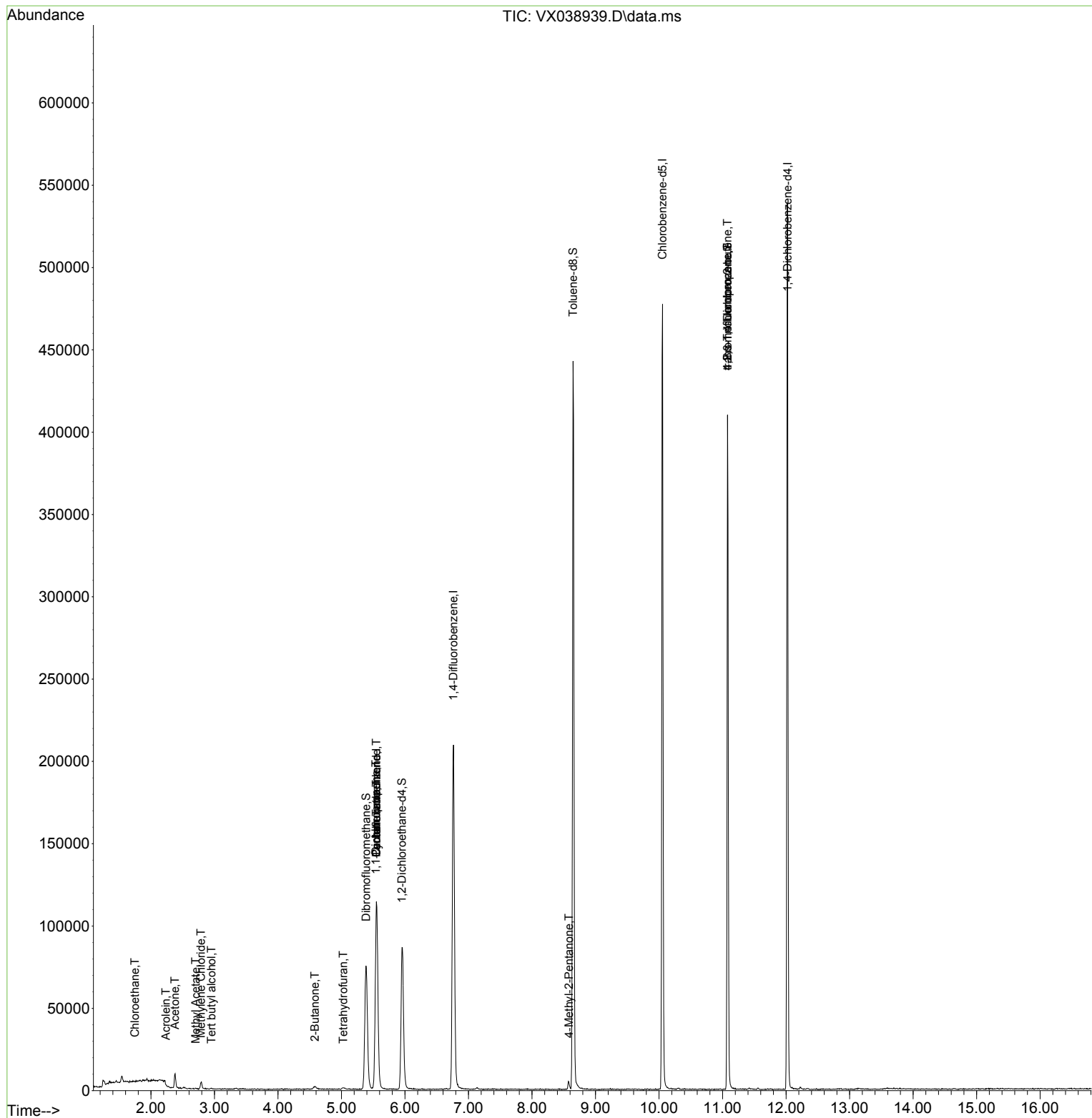
Internal Standards						
1) Pentafluorobenzene	5.550	168	102300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210700	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84204	51.082	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.160%
35) Dibromofluoromethane	5.385	113	67893	44.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.240%
50) Toluene-d8	8.647	98	266144	45.712	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.420%#
62) 4-Bromofluorobenzene	11.079	95	112832	48.412	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.820%
Target Compounds						
					Qvalue	
6) Chloroethane	1.745	64	349	0.407	ug/l #	43
11) Tert butyl alcohol	2.953	59	207	0.451	ug/l #	78
13) Acrolein	2.233	56	190	0.783	ug/l #	14
16) Acetone	2.379	43	9461	10.782	ug/l #	86
18) Methyl Acetate	2.703	43	939	0.225	ug/l #	53
20) Methylene Chloride	2.788	84	1968	1.244	ug/l #	83
25) 2-Butanone	4.580	43	3028	2.128	ug/l #	85
29) Tetrahydrofuran	5.025	42	1203	1.331	ug/l #	74
31) Cyclohexane	5.550	56	3102	1.318	ug/l #	8
36) 1,1-Dichloropropene	5.544	75	9417	4.318	ug/l #	52
38) Carbon Tetrachloride	5.550	117	11468	5.689	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	3402	1.172	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	59860	22.744	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59860	50.448	ug/l #	5

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

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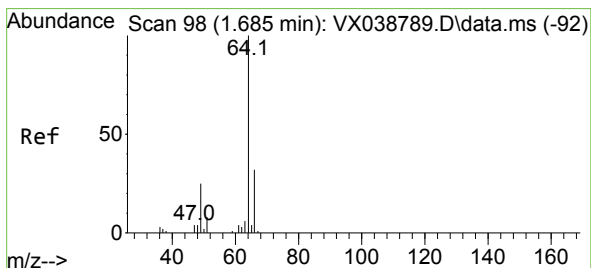
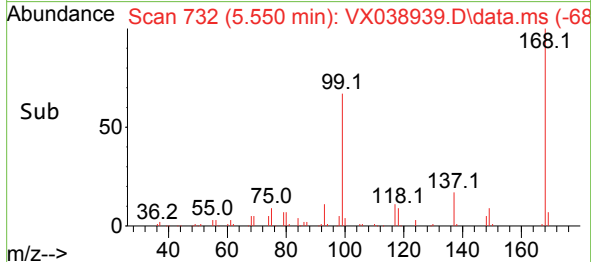
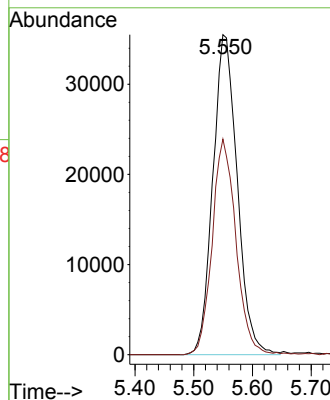
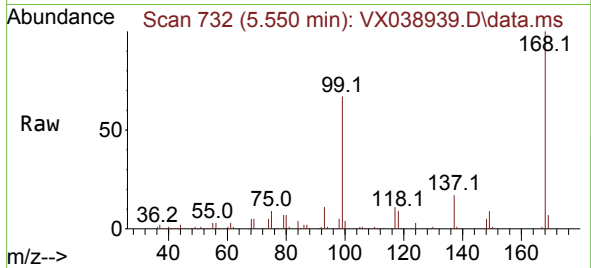




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

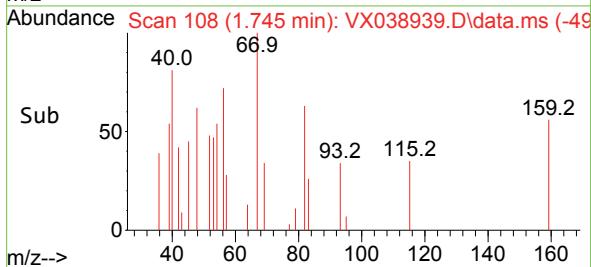
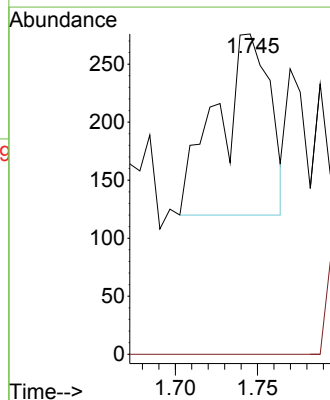
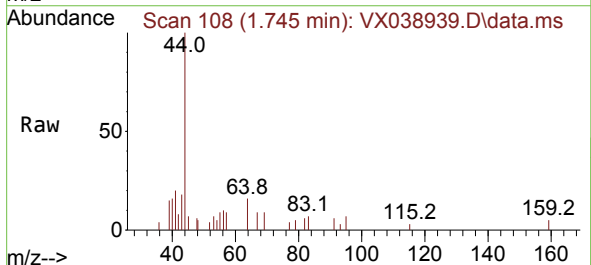
Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

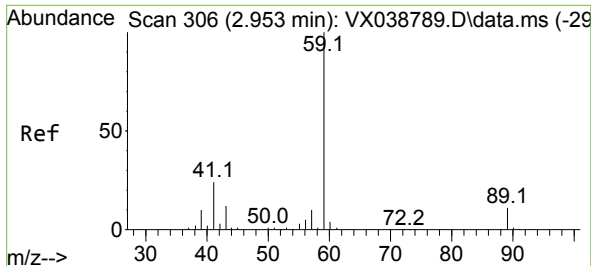
Tgt Ion:168 Resp: 102300
Ion Ratio Lower Upper
168 100
99 67.4 56.6 85.0



#6
Chloroethane
Concen: 0.407 ug/l
RT: 1.745 min Scan# 108
Delta R.T. 0.060 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

Tgt Ion: 64 Resp: 349
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.451 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.000 min

Lab File: VX038939.D

Acq: 18 Nov 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :

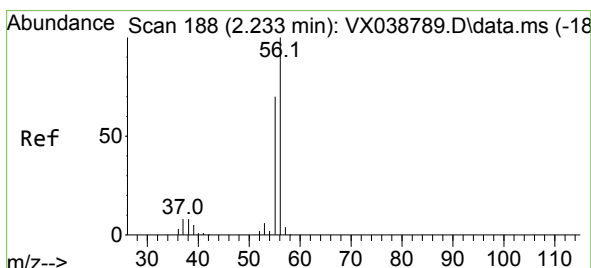
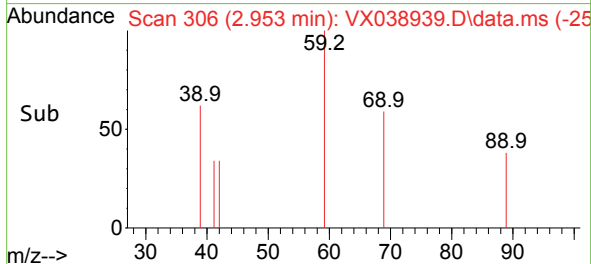
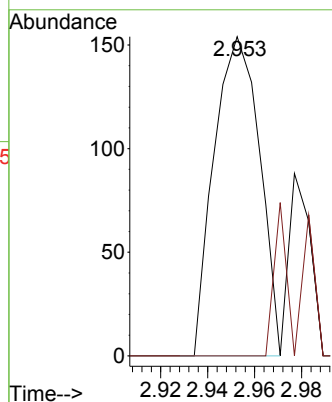
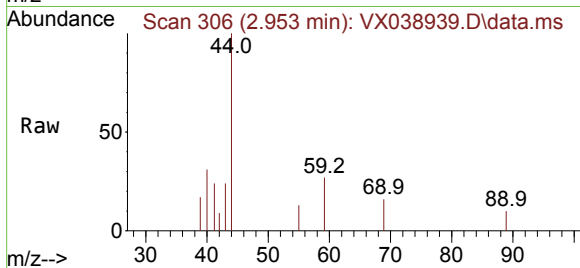
TB04-20231113

Tgt Ion: 59 Resp: 207

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.783 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX038939.D

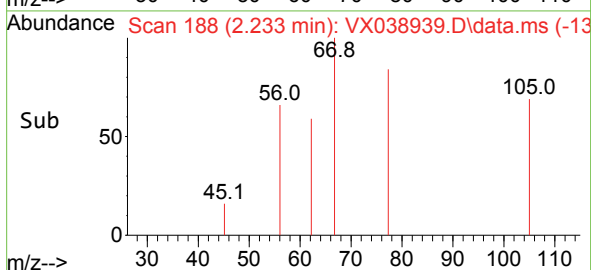
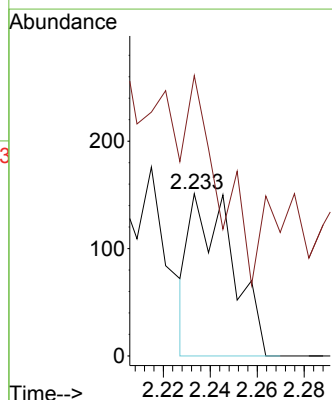
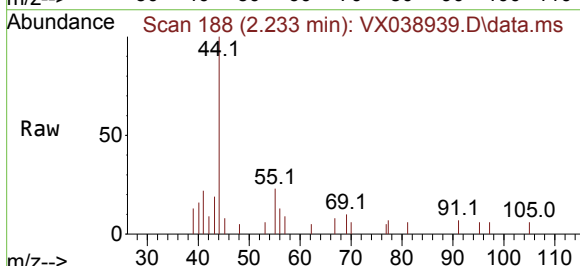
Acq: 18 Nov 2023 19:23

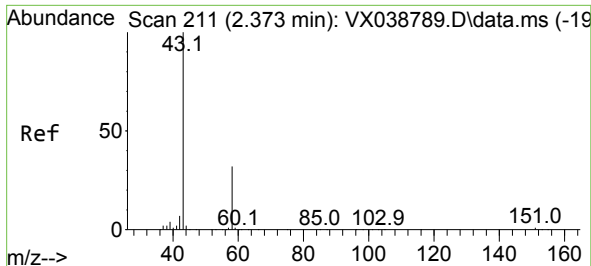
Tgt Ion: 56 Resp: 190

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

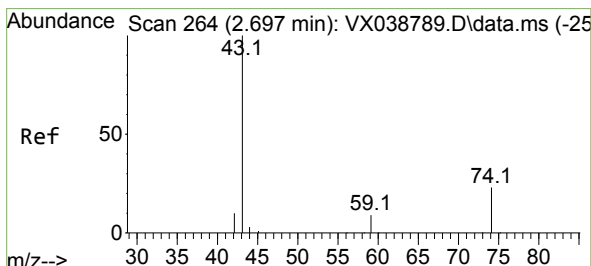
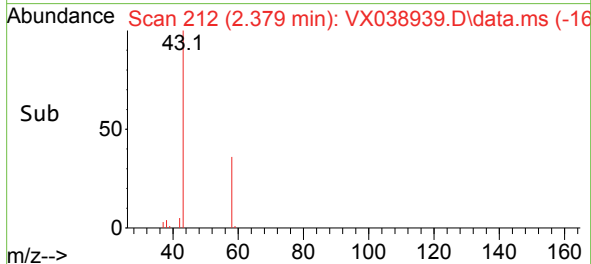
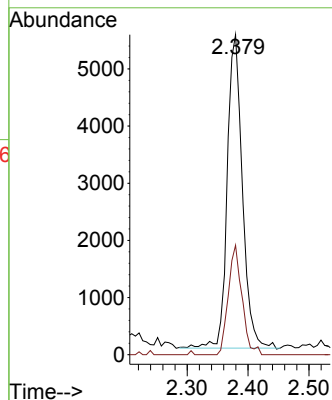
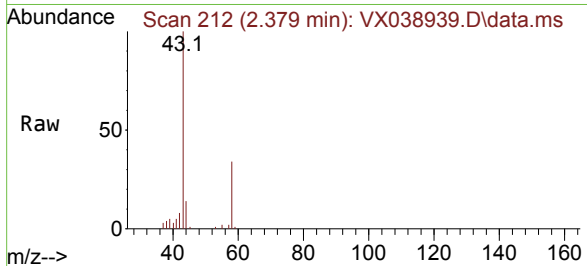




#16
Acetone
Concen: 10.782 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

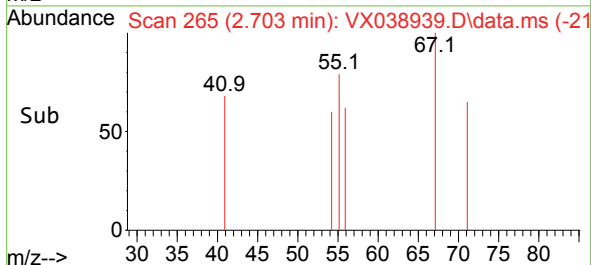
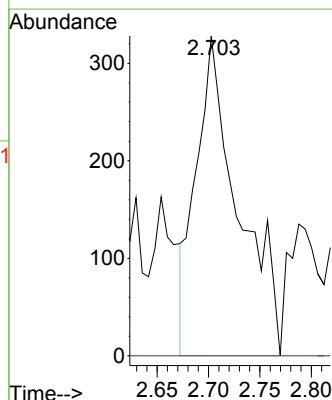
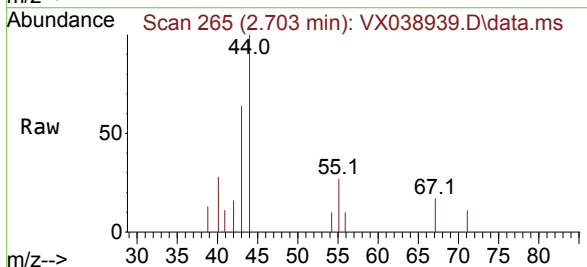
Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

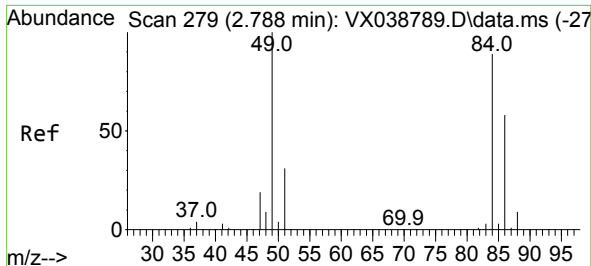
Tgt Ion: 43 Resp: 9461
Ion Ratio Lower Upper
43 100
58 34.9 21.9 32.9#



#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

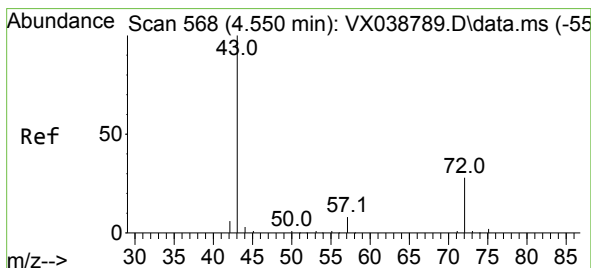
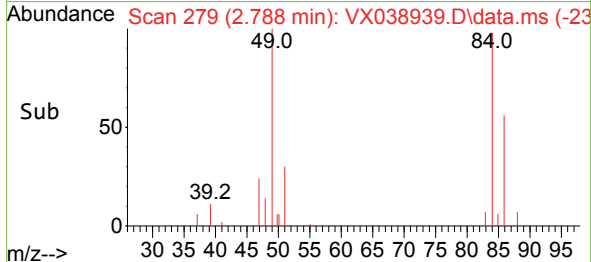
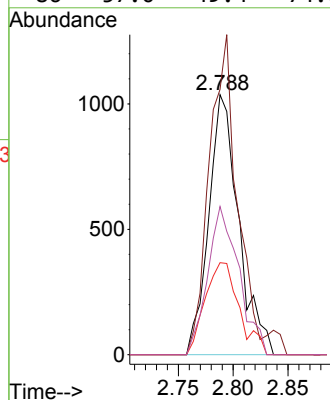
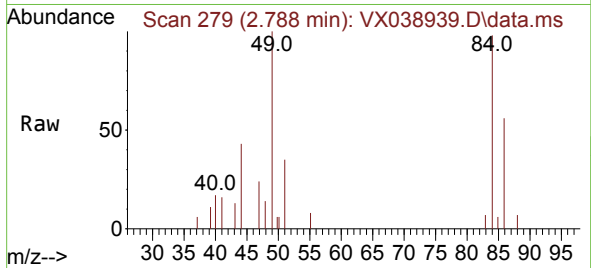




#20
Methylene Chloride
Concen: 1.244 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

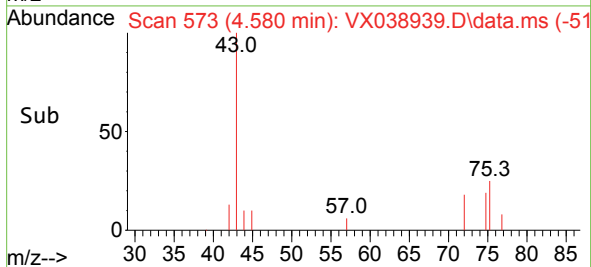
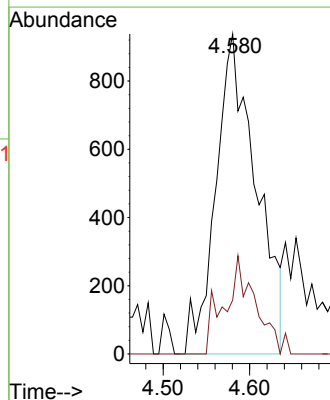
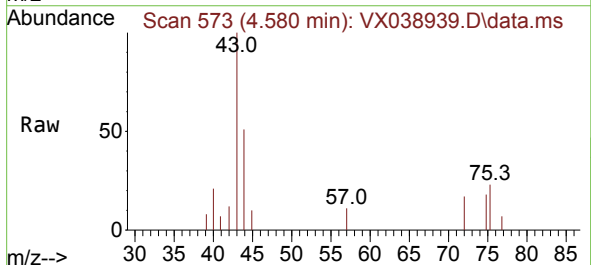
Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

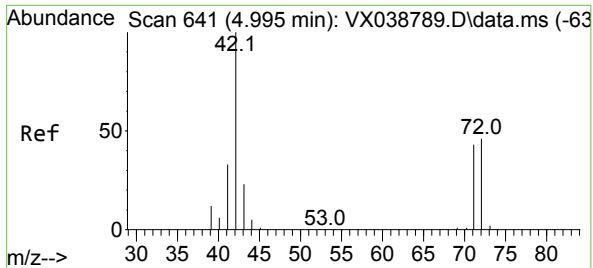
Tgt Ion: 84	Resp:	1968	
Ion	Ratio	Lower	Upper
84	100		
49	102.0	103.6	155.4#
51	35.4	33.8	50.6
86	57.0	49.4	74.0



#25
2-Butanone
Concen: 2.128 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.030 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

Tgt Ion: 43	Resp: 3028
Ion Ratio	Lower Upper
43 100	
72 16.8	19.4 29.2#





#29

Tetrahydrofuran

Concen: 1.331 ug/l

RT: 5.025 min Scan# 641

Delta R.T. 0.030 min

Lab File: VX038939.D

Acq: 18 Nov 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :

TB04-20231113

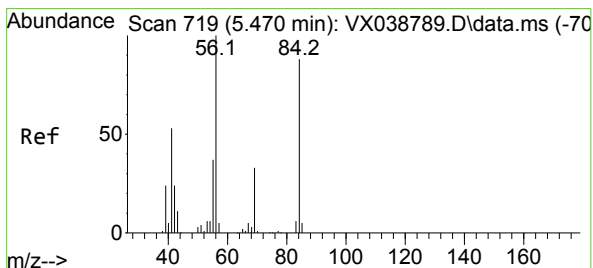
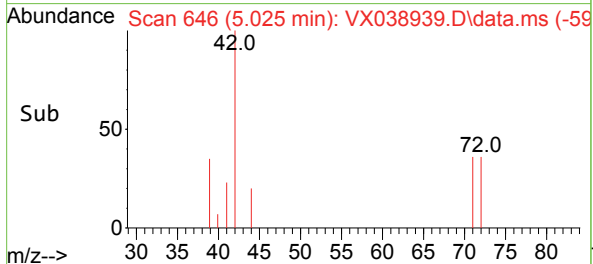
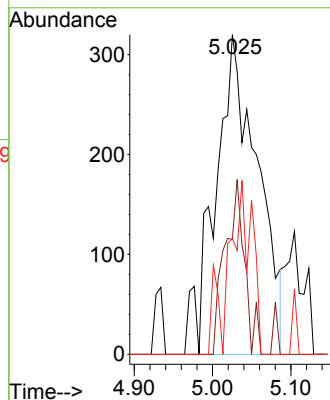
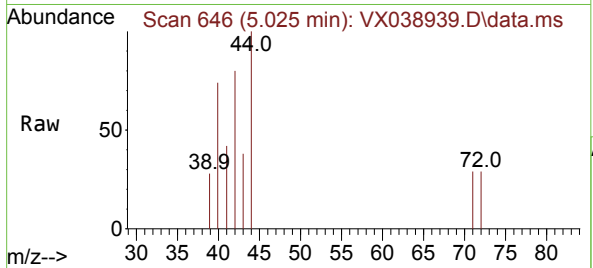
Tgt Ion: 42 Resp: 1203

Ion Ratio Lower Upper

42 100

72 25.2 34.2 51.4#

71 25.5 32.2 48.2#



#31

Cyclohexane

Concen: 1.318 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038939.D

Acq: 18 Nov 2023 19:23

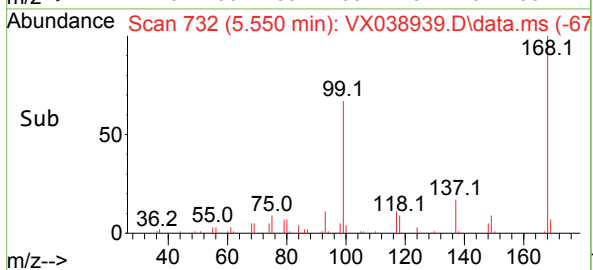
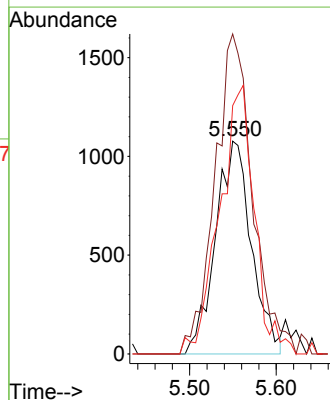
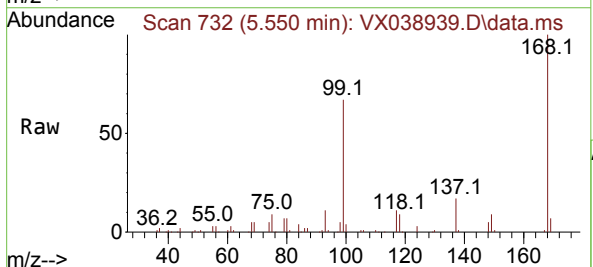
Tgt Ion: 56 Resp: 3102

Ion Ratio Lower Upper

56 100

69 150.4 23.4 35.2#

84 122.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 51.082 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038939.D

Acq: 18 Nov 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :

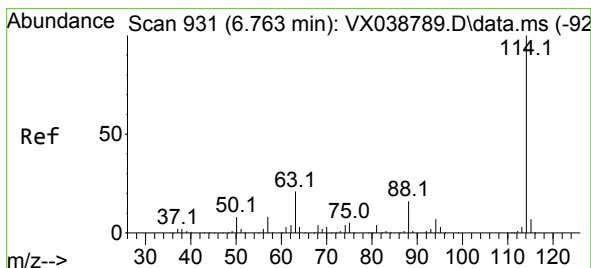
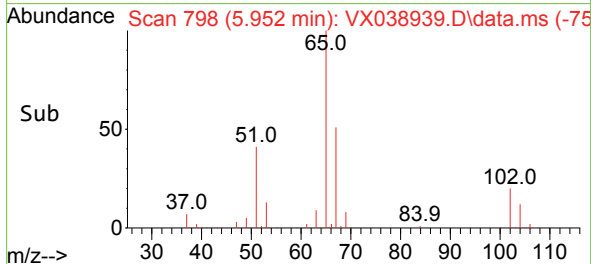
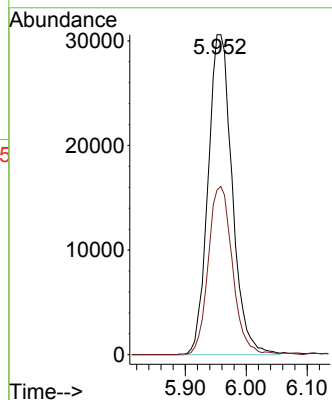
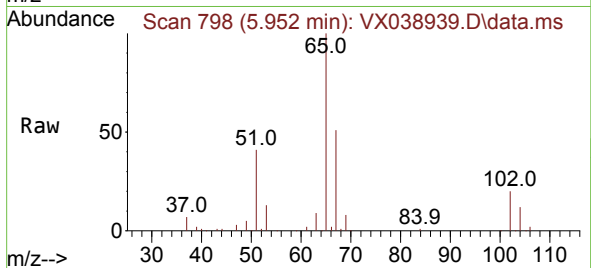
TB04-20231113

Tgt Ion: 65 Resp: 84204

Ion Ratio Lower Upper

65 100

67 52.8 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: VX038939.D

Acq: 18 Nov 2023 19:23

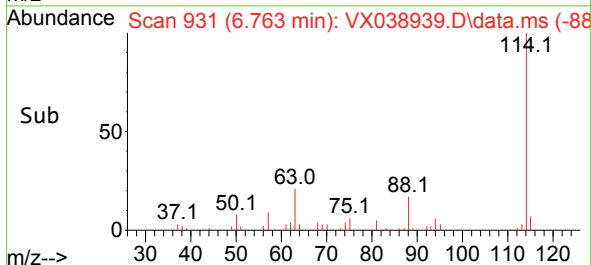
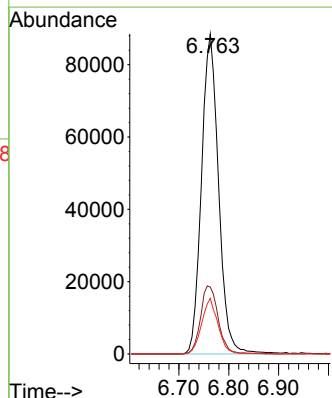
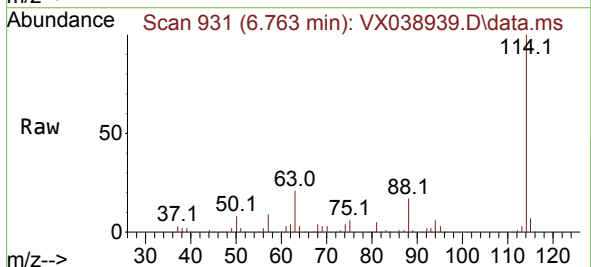
Tgt Ion: 114 Resp: 210700

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

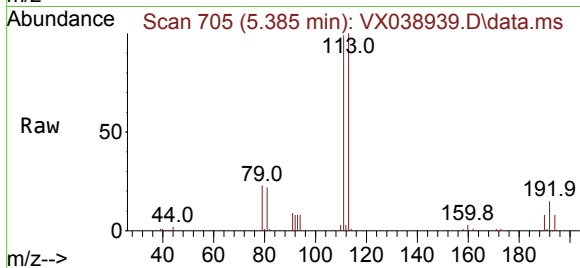
88 17.4 0.0 36.6



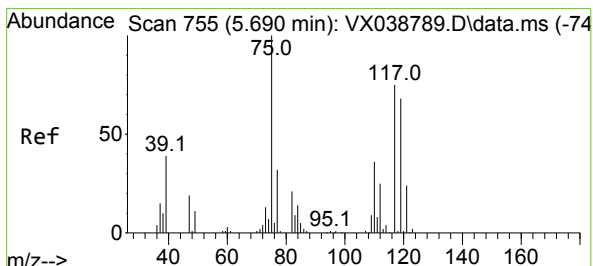
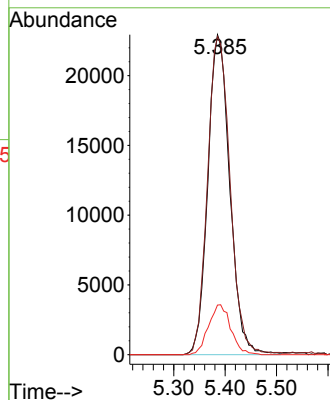
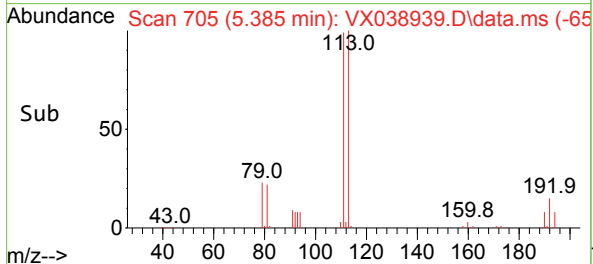


#35
Dibromofluoromethane
Concen: 44.616 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

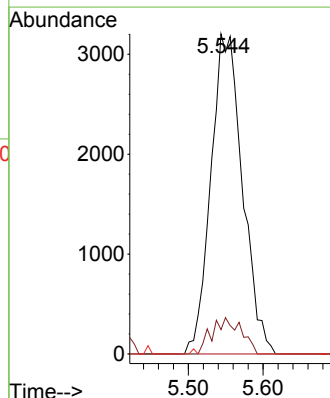
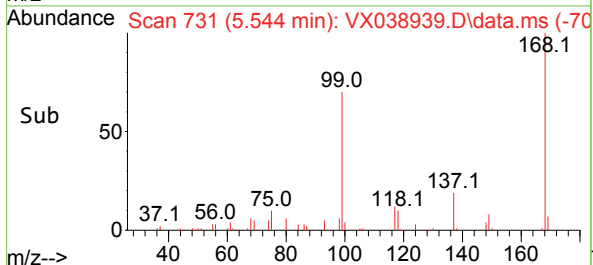
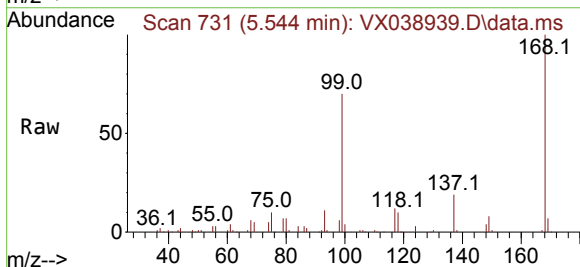


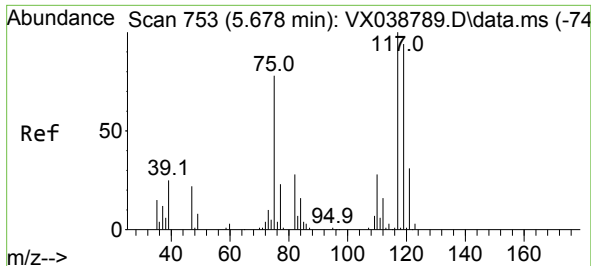
Tgt Ion:113 Resp: 67893
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 15.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.318 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

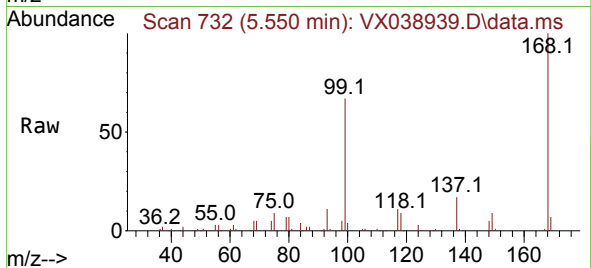
Tgt Ion: 75 Resp: 9417
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#



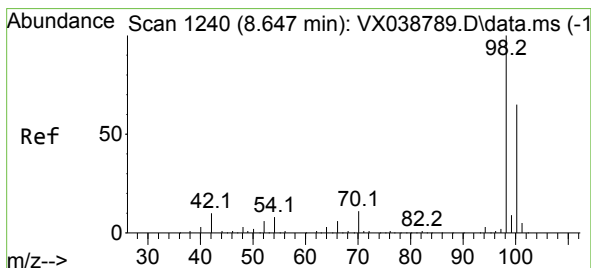
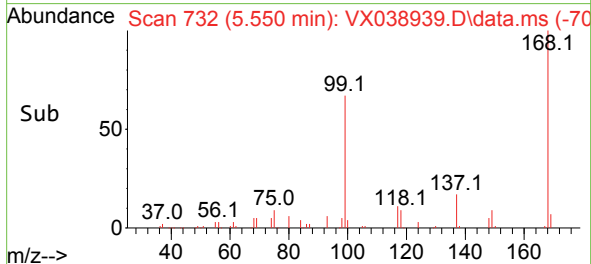
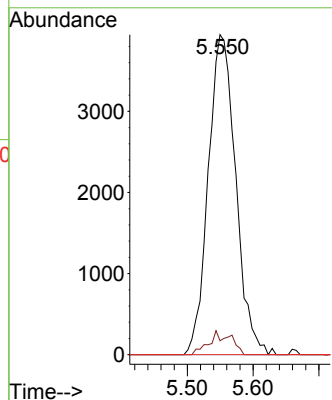


#38
Carbon Tetrachloride
Concen: 5.689 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

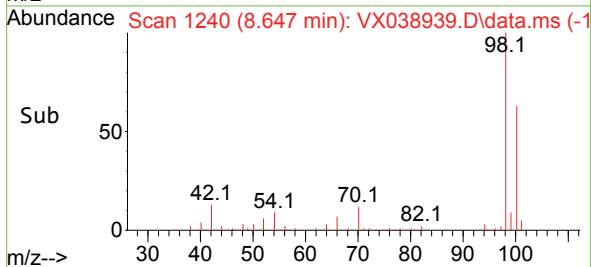
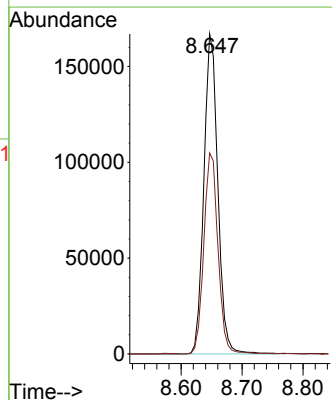
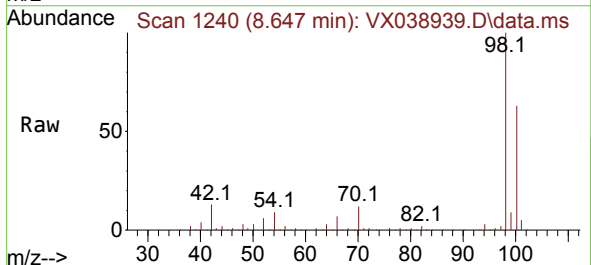


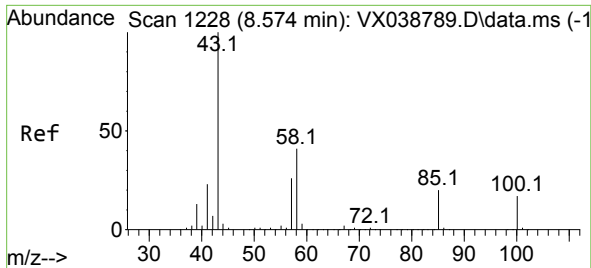
Tgt Ion:117 Resp: 11468
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.712 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

Tgt Ion: 98 Resp: 266144
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

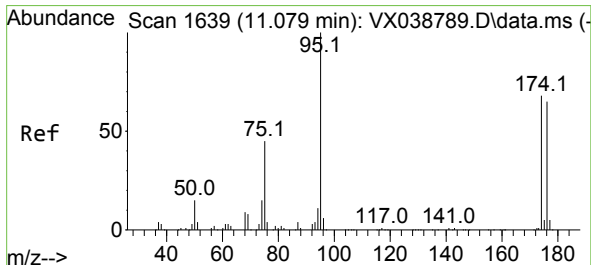
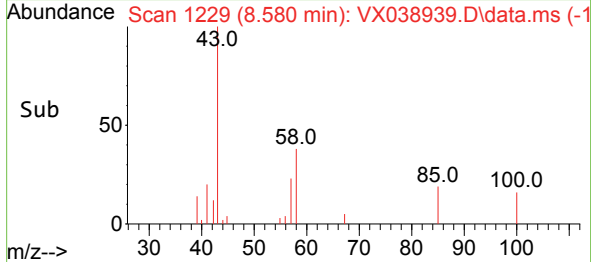
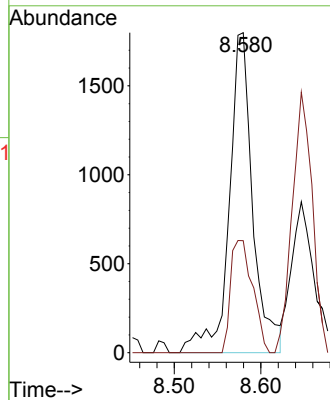
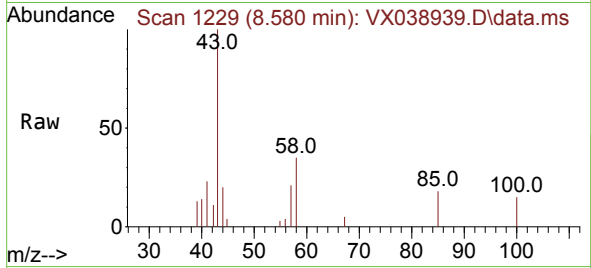




#51
4-Methyl-2-Pentanone
Concen: 1.172 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

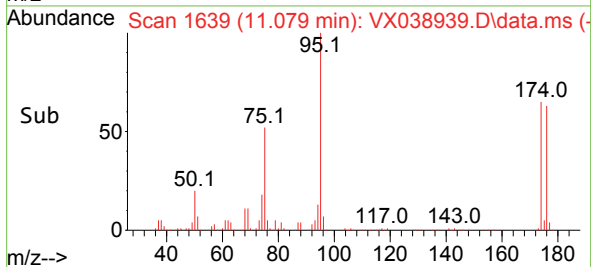
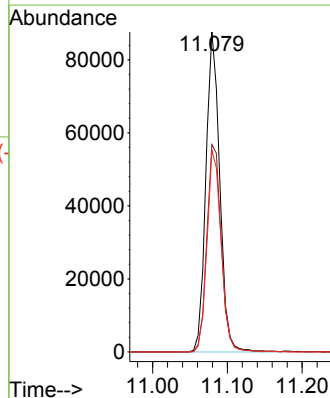
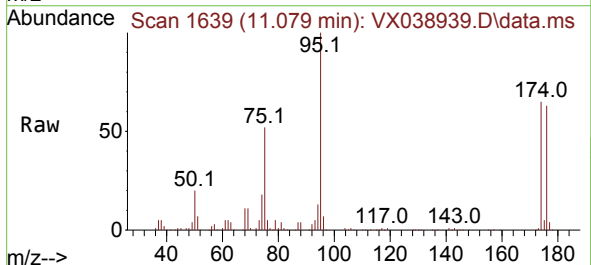
Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

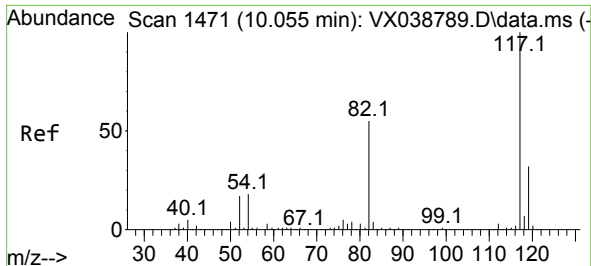
Tgt Ion: 43 Resp: 3402
Ion Ratio Lower Upper
43 100
58 32.7 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 48.412 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

Tgt Ion: 95 Resp: 112832
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 64.3 0.0 131.0

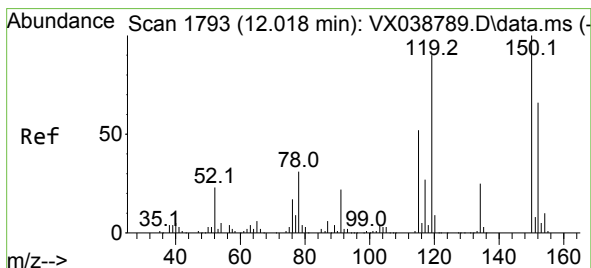
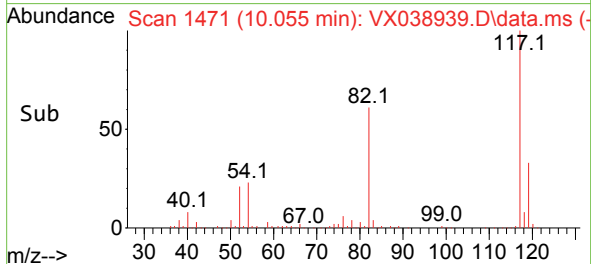
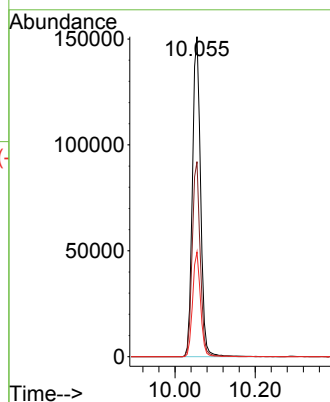
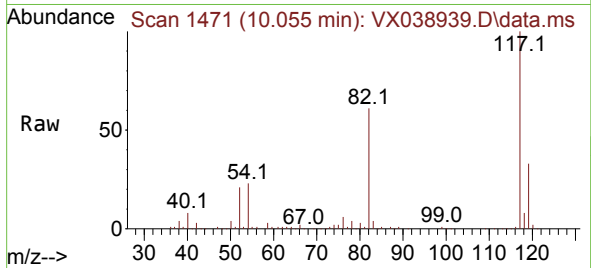




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

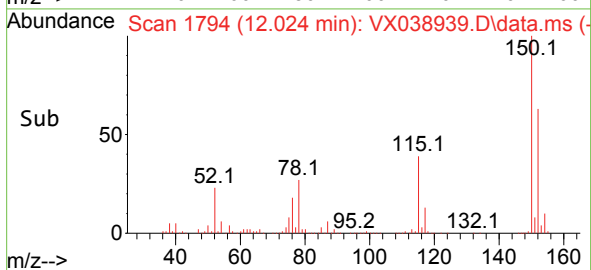
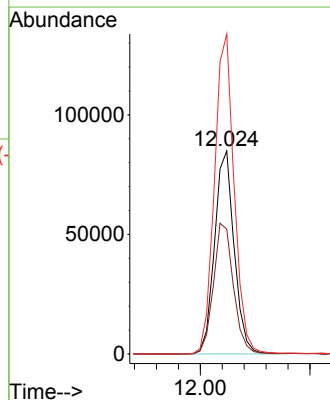
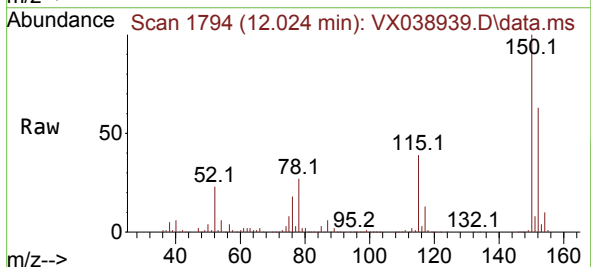
Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

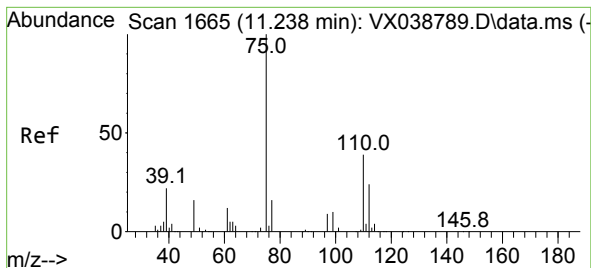
Tgt Ion:117 Resp: 213312
Ion Ratio Lower Upper
117 100
82 60.9 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038939.D
Acq: 18 Nov 2023 19:23

Tgt Ion:152 Resp: 105489
Ion Ratio Lower Upper
152 100
115 65.9 43.3 129.9
150 158.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.744 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038939.D

Acq: 18 Nov 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :

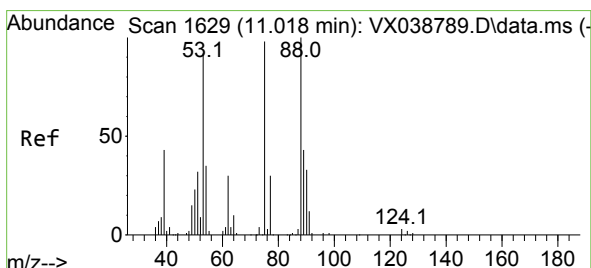
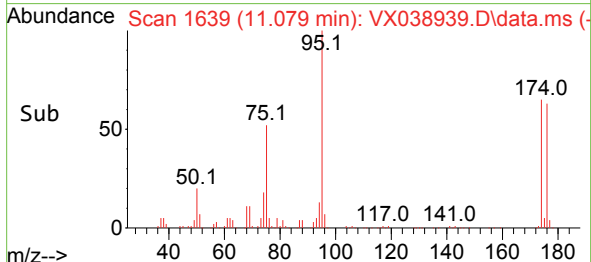
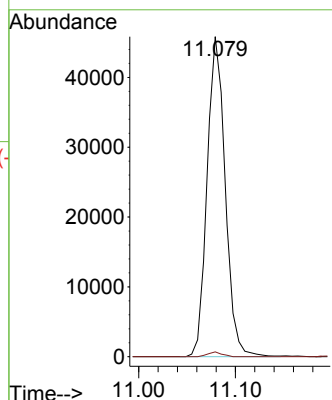
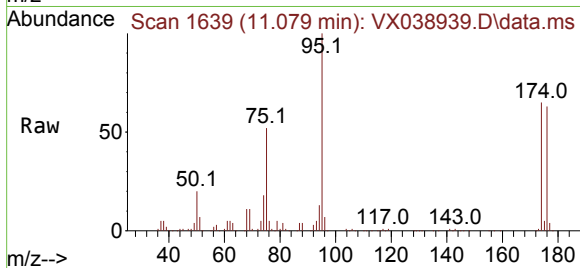
TB04-20231113

Tgt Ion: 75 Resp: 59860

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 50.448 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038939.D

Acq: 18 Nov 2023 19:23

Tgt Ion: 75 Resp: 59860

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

