

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038128.D
 Acq On : 06 Oct 2023 14:11
 Operator : JC/MD
 Sample : 04767-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-1

Quant Time: Oct 07 04:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

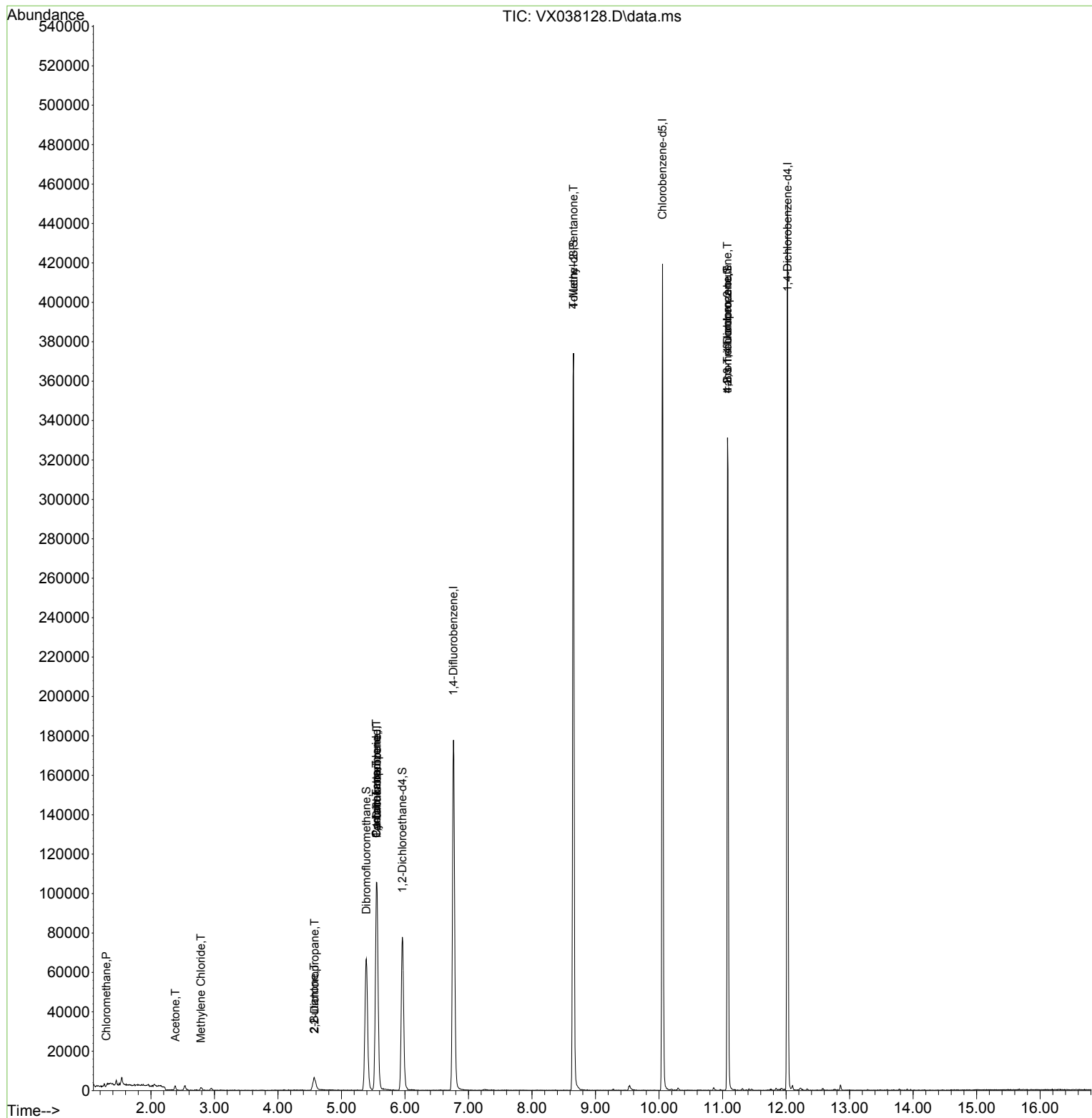
Internal Standards						
1) Pentafluorobenzene	5.556	168	100589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75474	46.649	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.300%
35) Dibromofluoromethane	5.391	113	58232	44.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.560%
50) Toluene-d8	8.653	98	226346	45.554	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.100%#
62) 4-Bromofluorobenzene	11.079	95	83931	44.556	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.120%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	303	0.306	ug/l #	43
5) Bromomethane	1.538	94	72	Below Cal	#	3
6) Chloroethane	1.684	64	256	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	716	Below Cal	#	78
16) Acetone	2.386	43	2522	3.735	ug/l #	84
20) Methylene Chloride	2.788	84	733	0.577	ug/l #	79
25) 2-Butanone	4.568	43	266	0.244	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	582	0.356	ug/l #	54
31) Cyclohexane	5.550	56	2564	1.463	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	8765	4.888	ug/l #	51
38) Carbon Tetrachloride	5.550	117	10240	5.805	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1114	0.508	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47023	23.042	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47023	65.888	ug/l #	5

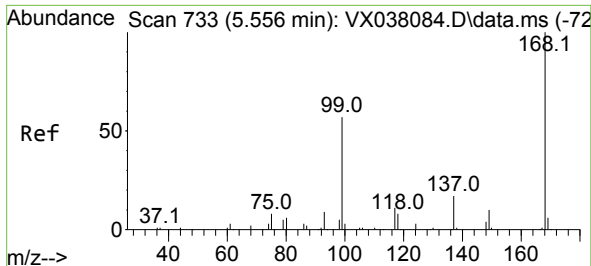
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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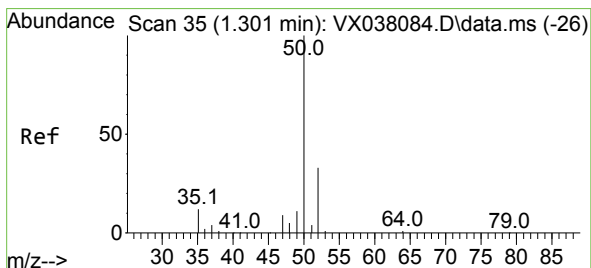
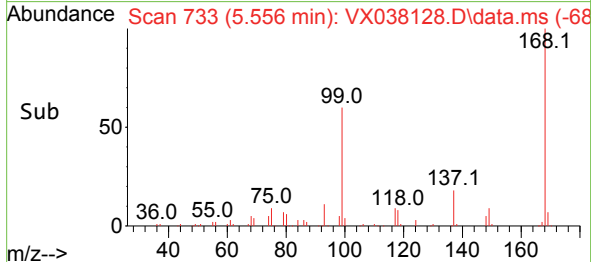
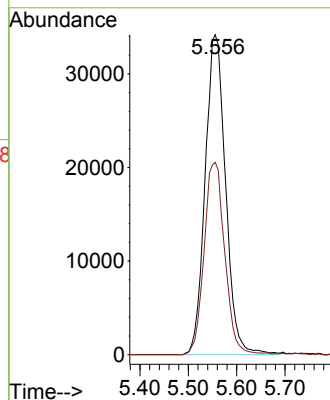
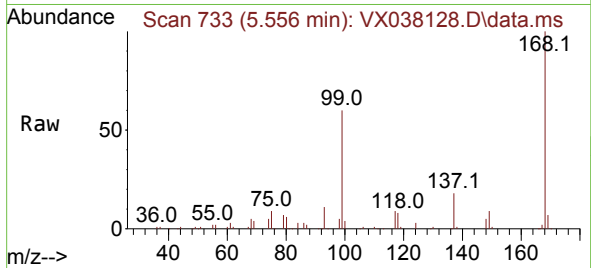




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

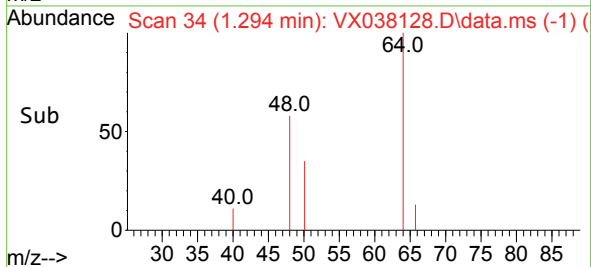
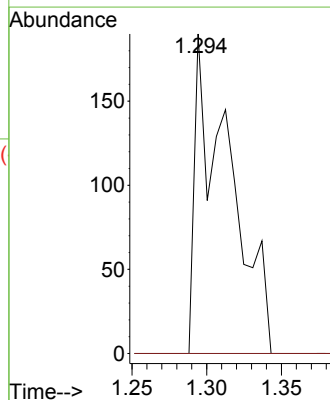
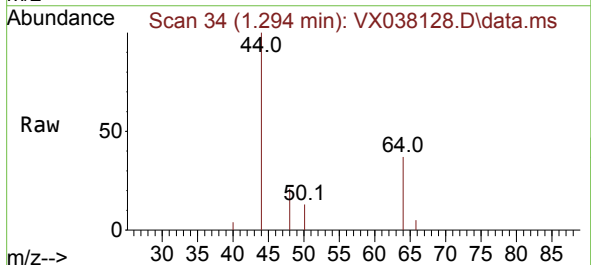
Instrument :
MSVOA_X
ClientSampleId :
EB-1

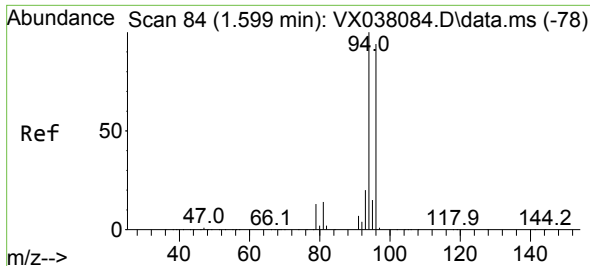
Tgt Ion:168 Resp: 100589
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#3
Chloromethane
Concen: 0.306 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

Tgt Ion: 50 Resp: 303
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

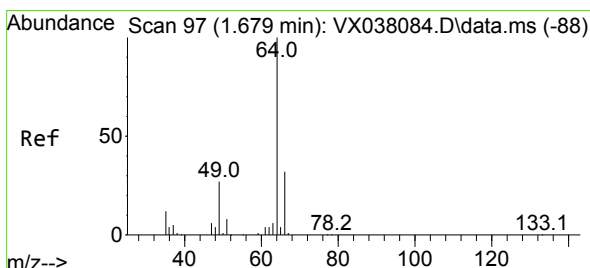
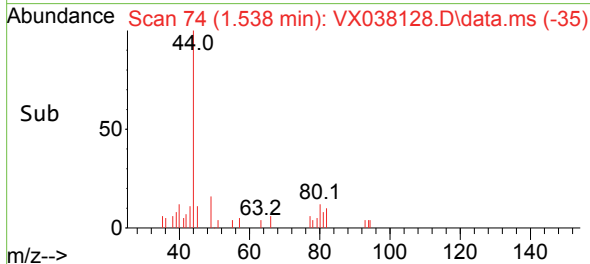
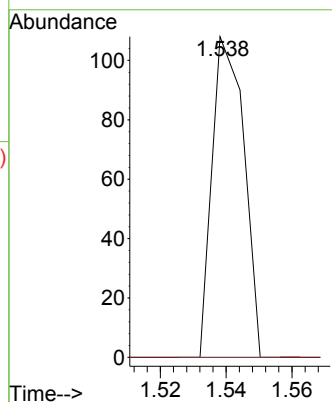
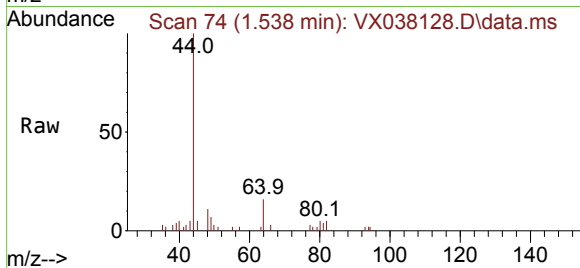




#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

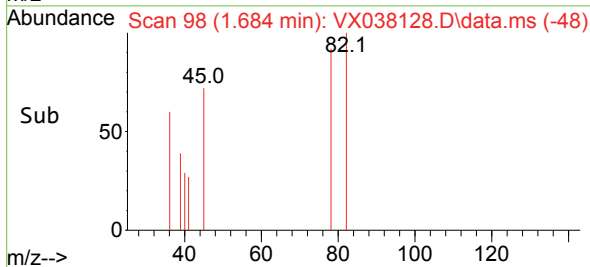
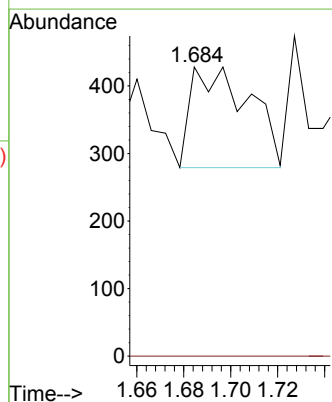
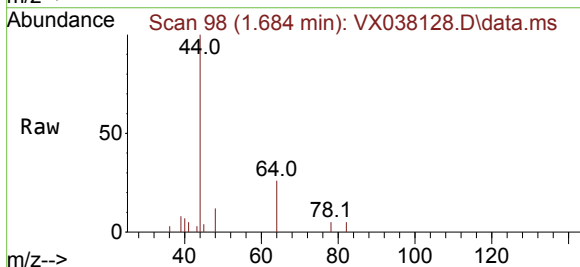
Instrument :
MSVOA_X
ClientSampleId :
EB-1

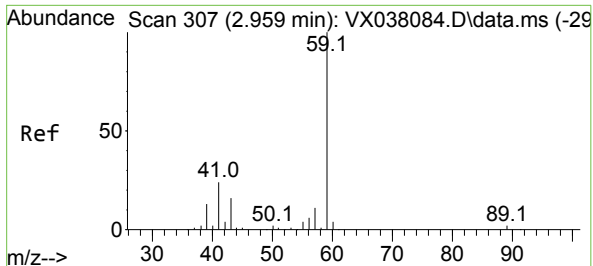
Tgt Ion: 94 Resp: 72
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

Tgt Ion: 64 Resp: 256
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

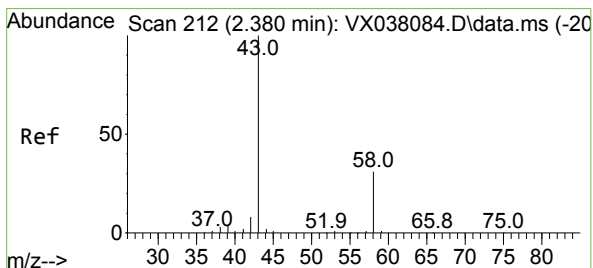
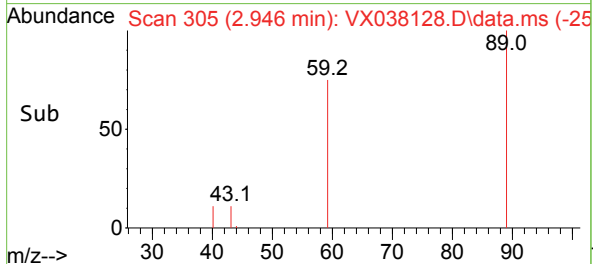
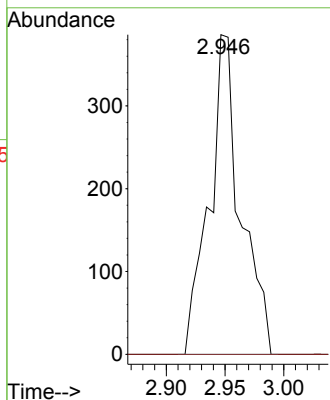
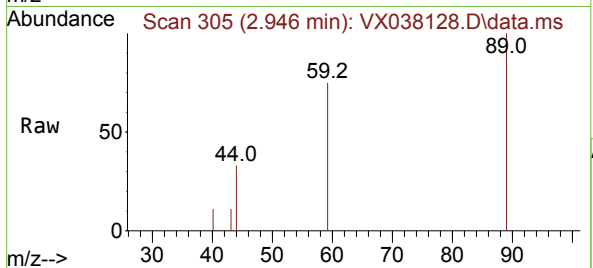




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 307
Delta R.T. -0.013 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

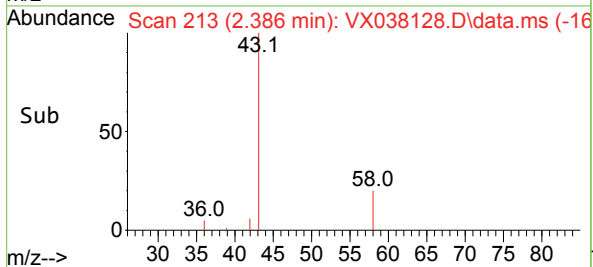
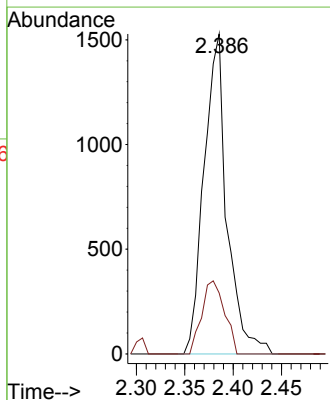
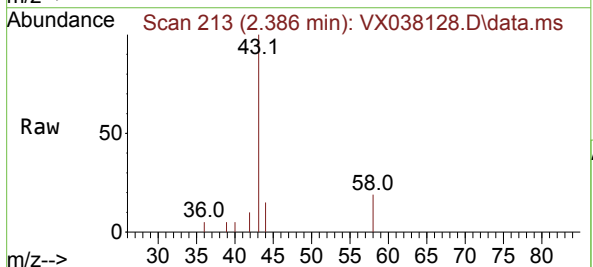
Instrument :
MSVOA_X
ClientSampleId :
EB-1

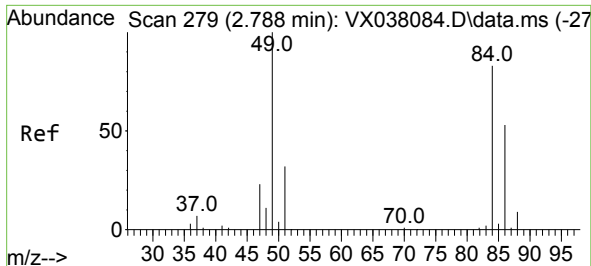
Tgt Ion: 59 Resp: 716
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 3.735 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

Tgt Ion: 43 Resp: 2522
Ion Ratio Lower Upper
43 100
58 19.0 21.9 32.9#

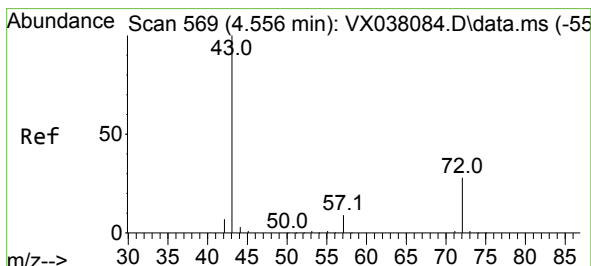
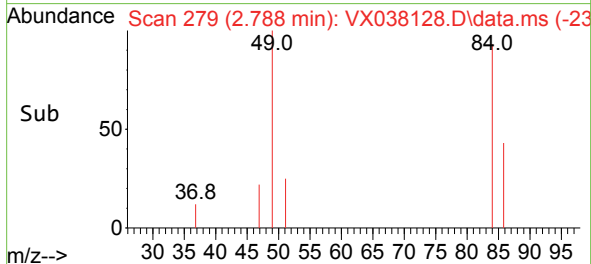
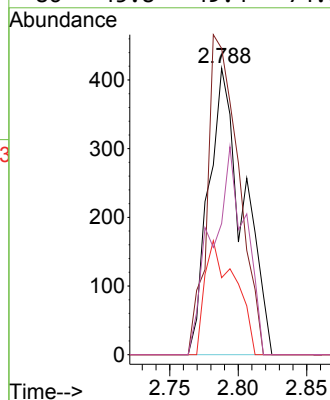
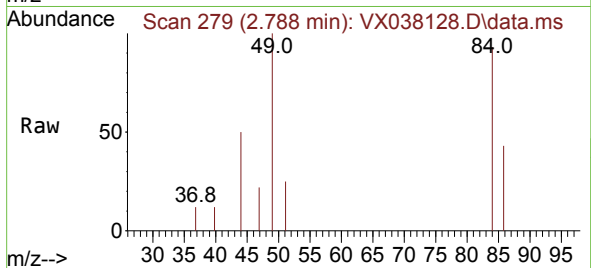




#20
Methylene Chloride
Concen: 0.577 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

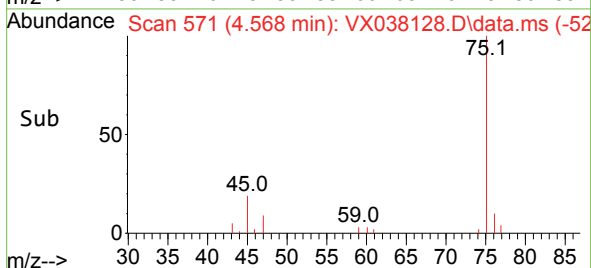
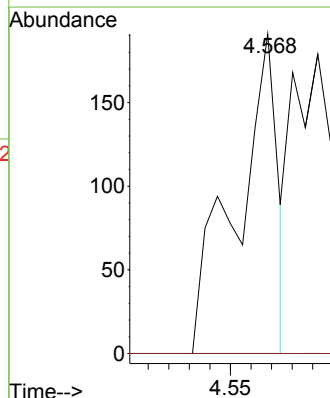
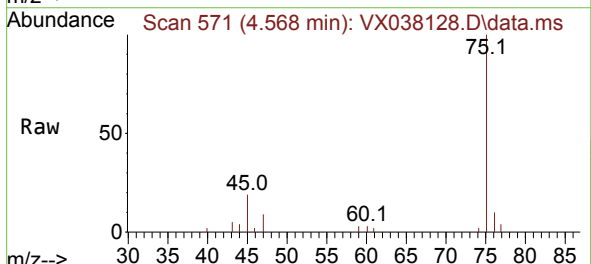
Instrument :
MSVOA_X
ClientSampleId :
EB-1

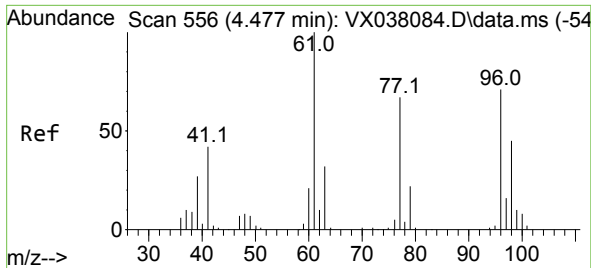
Tgt Ion:	84	Resp:	733
Ion	Ratio	Lower	Upper
84	100		
49	107.0	103.6	155.4
51	26.9	33.8	50.6#
86	45.8	49.4	74.0#



#25
2-Butanone
Concen: 0.244 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

Tgt Ion:	43	Resp:	266
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

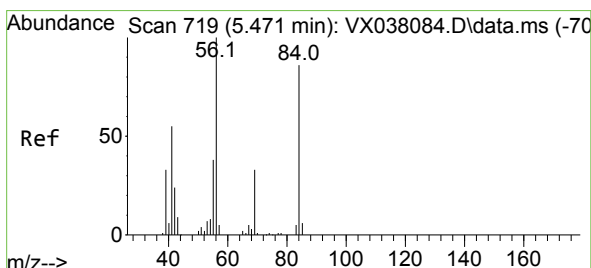
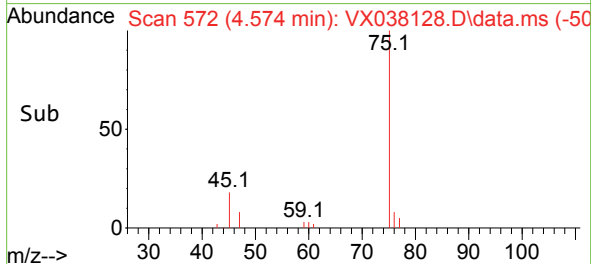
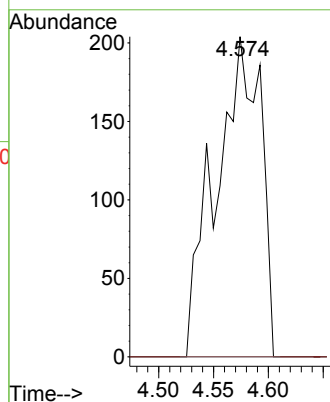
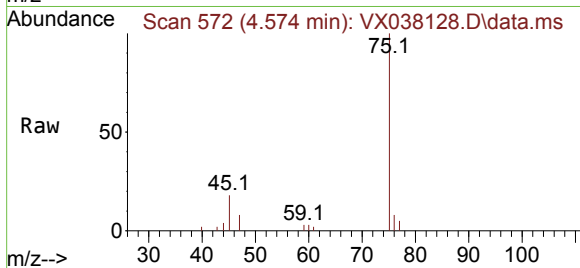




#26
2,2-Dichloropropane
Concen: 0.356 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.097 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

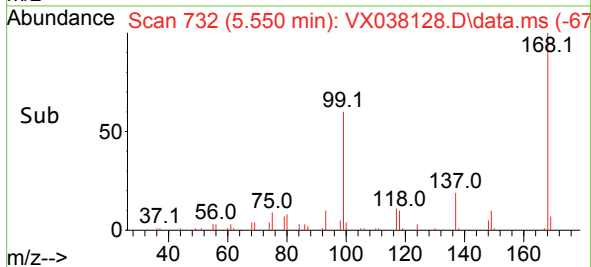
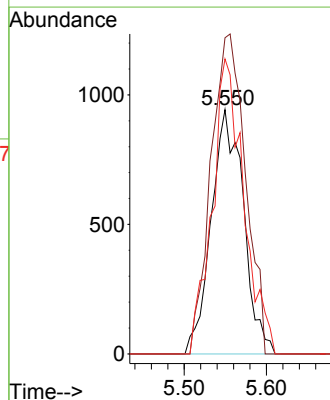
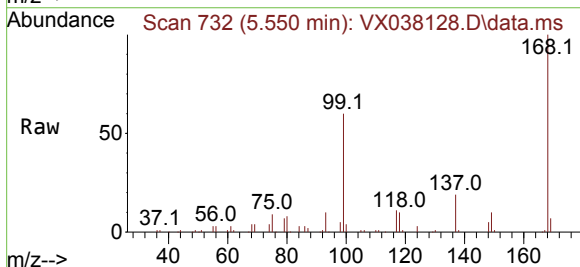
Instrument :
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ClientSampleId :
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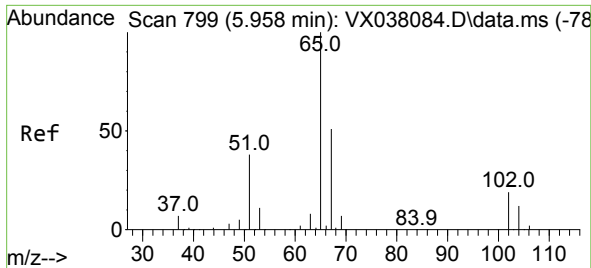
Tgt Ion: 77 Resp: 582
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.463 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

Tgt Ion: 56 Resp: 2564
Ion Ratio Lower Upper
56 100
69 129.4 23.4 35.2#
84 120.8 65.9 98.9#

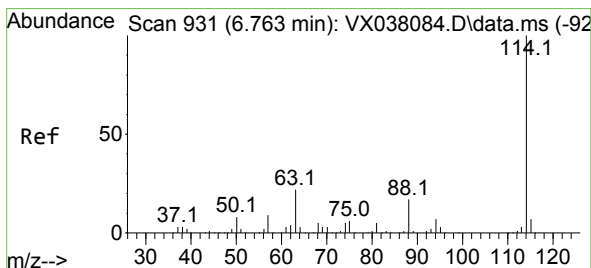
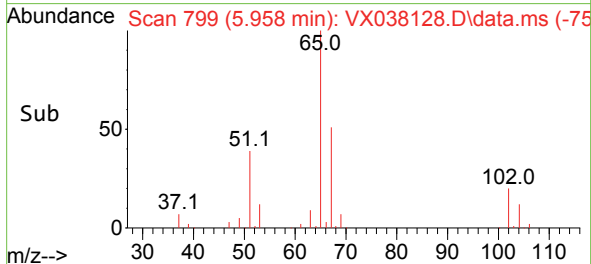
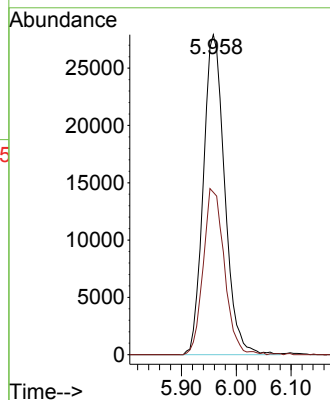
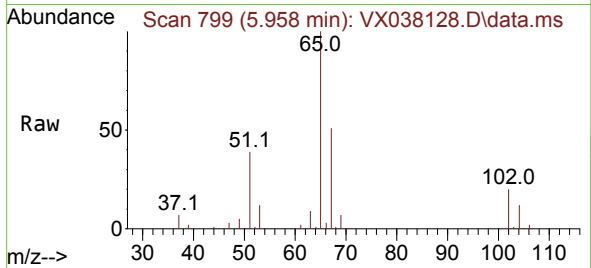




#33
1,2-Dichloroethane-d4
Concen: 46.649 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

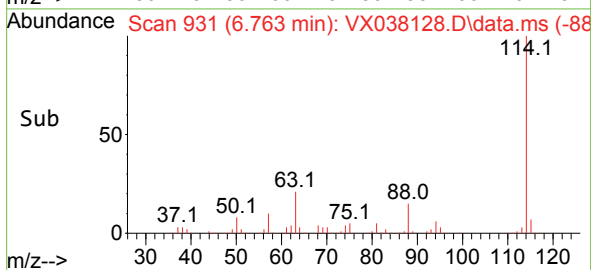
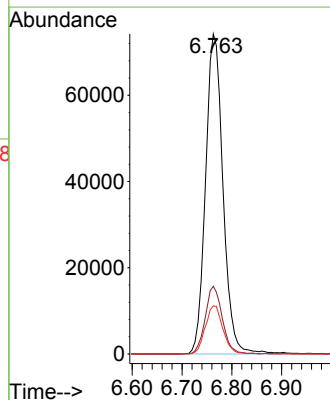
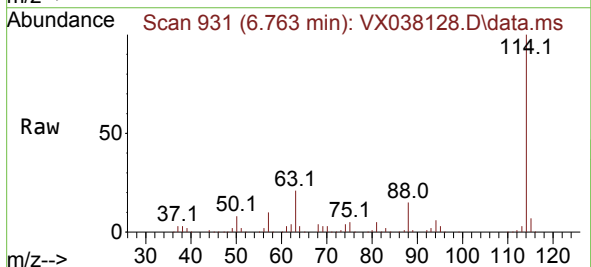
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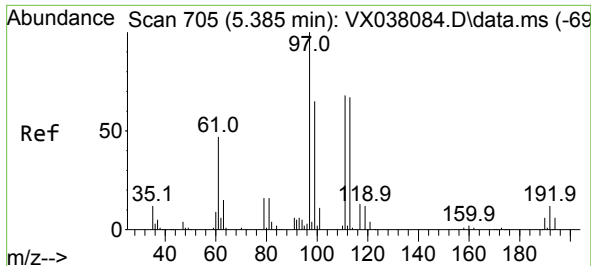
Tgt Ion: 65 Resp: 75474
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

Tgt Ion:114 Resp: 180457
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 15.0 0.0 36.6

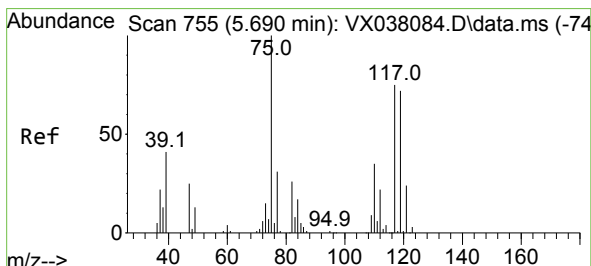
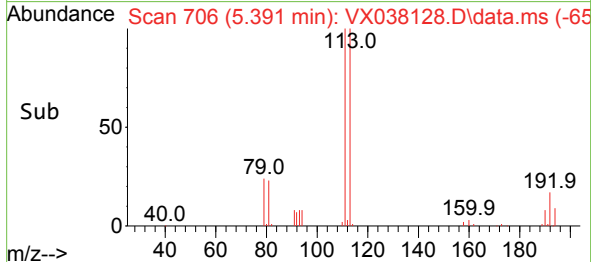
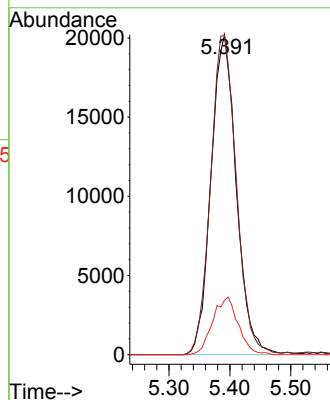
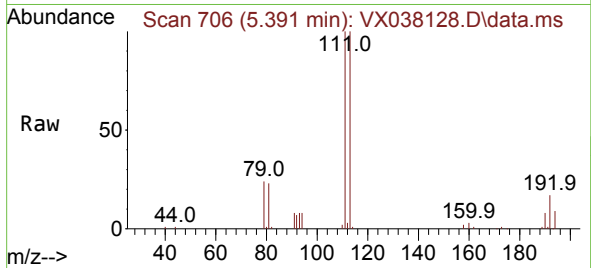




#35
 Dibromofluoromethane
 Concen: 44.783 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX038128.D
 Acq: 06 Oct 2023 14:11

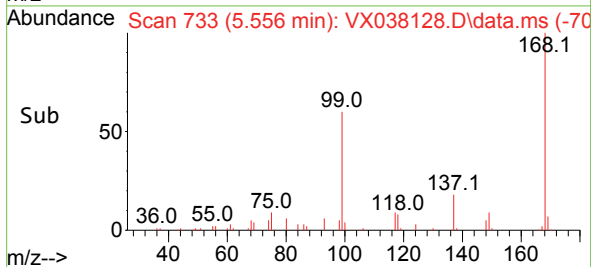
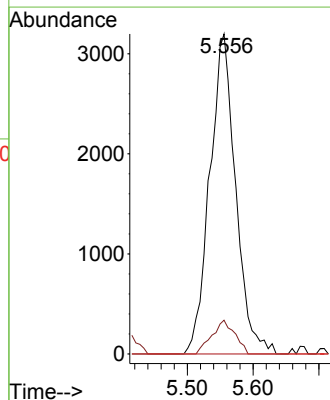
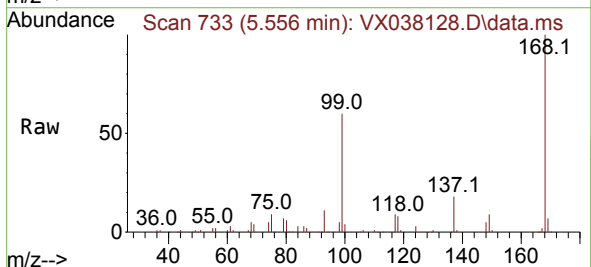
Instrument :
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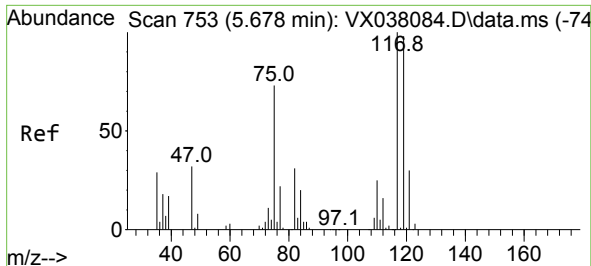
Tgt Ion:113 Resp: 58232
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.9 124.3
 192 18.2 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.888 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.134 min
 Lab File: VX038128.D
 Acq: 06 Oct 2023 14:11

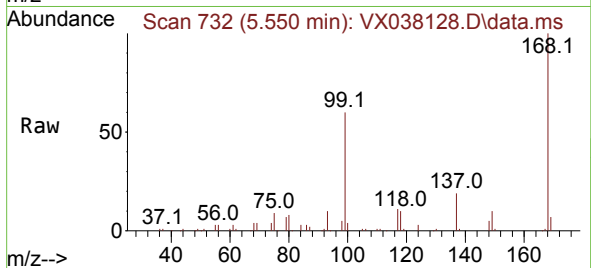
Tgt Ion: 75 Resp: 8765
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.0 50.9#
 77 0.0 24.7 37.1#



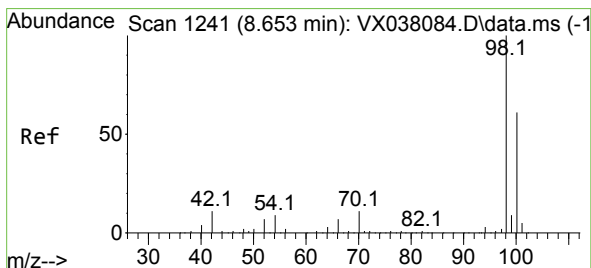
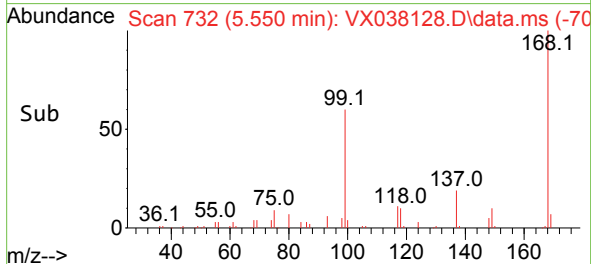
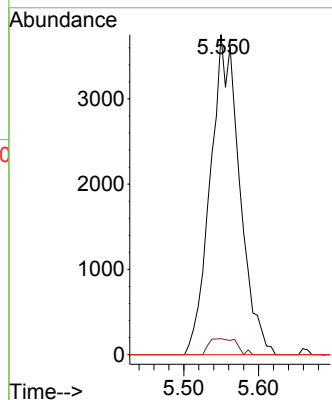


#38
Carbon Tetrachloride
Concen: 5.805 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :
EB-1

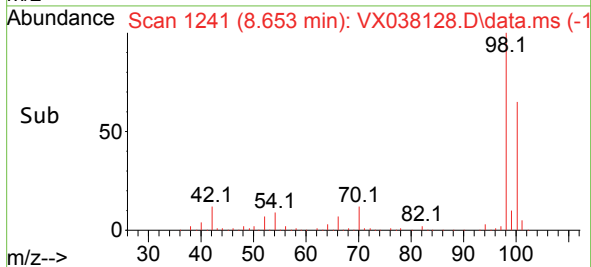
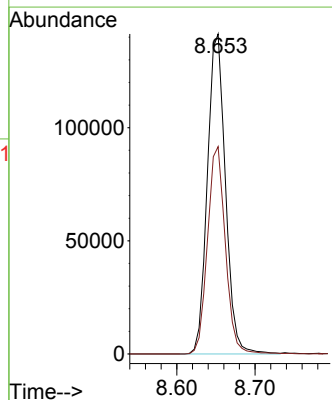
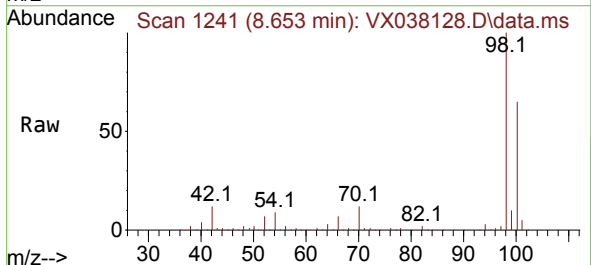


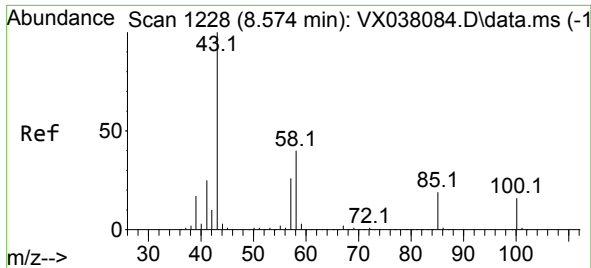
Tgt Ion:117 Resp: 10240
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.554 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

Tgt Ion: 98 Resp: 226346
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

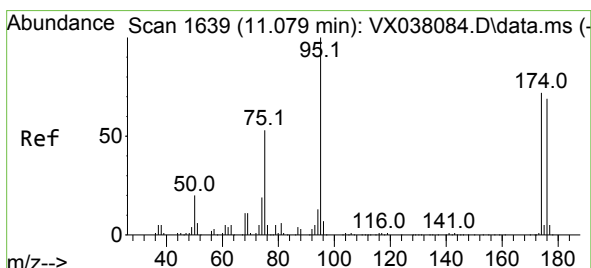
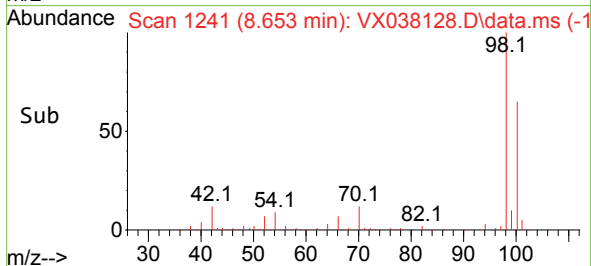
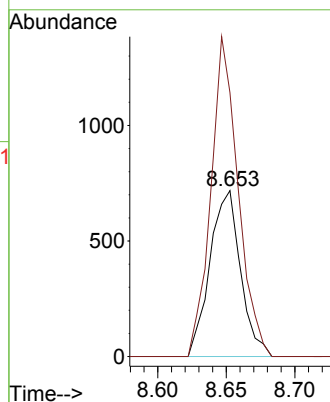
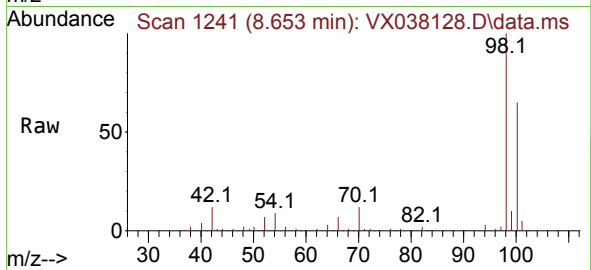




#51
4-Methyl-2-Pentanone
Concen: 0.508 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

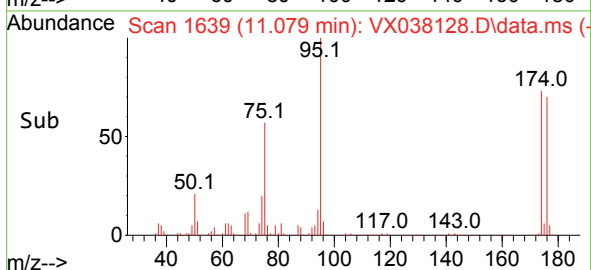
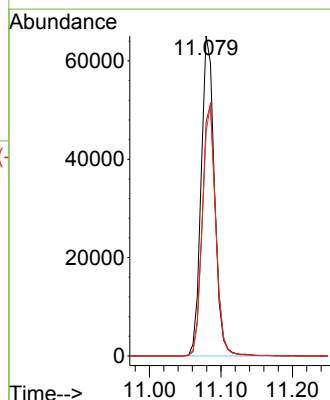
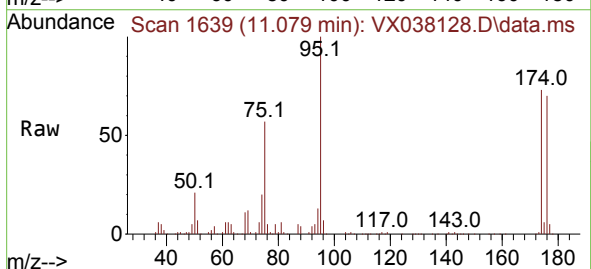
Instrument :
MSVOA_X
ClientSampleId :
EB-1

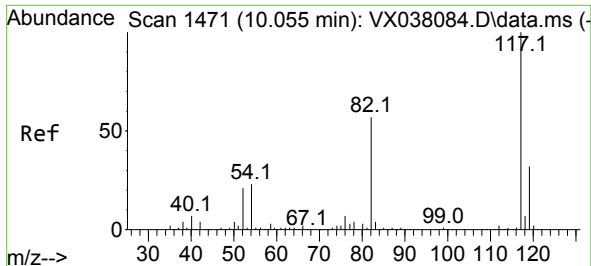
Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 171.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

Tgt Ion: 95 Resp: 83931
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 79.1 0.0 131.0

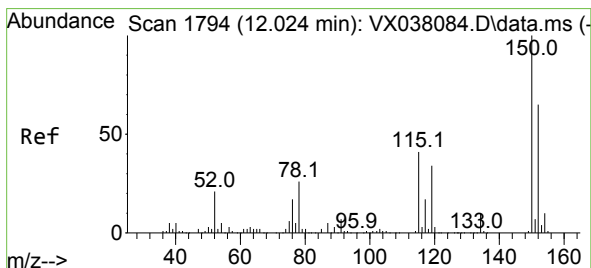
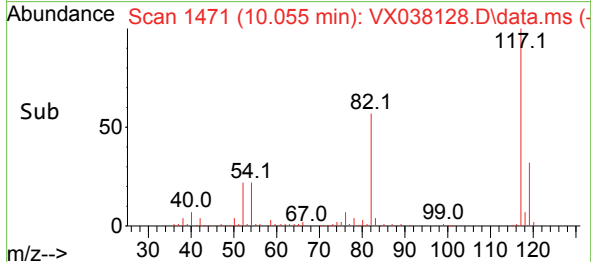
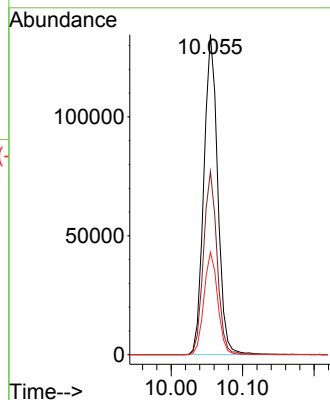
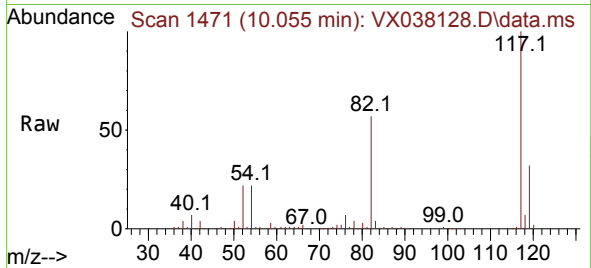




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

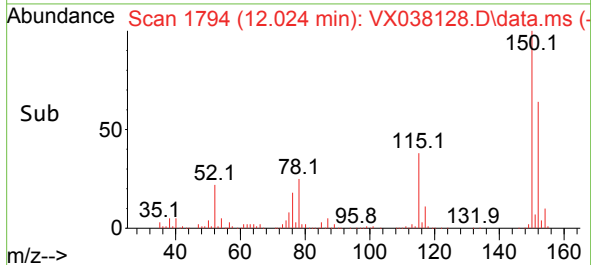
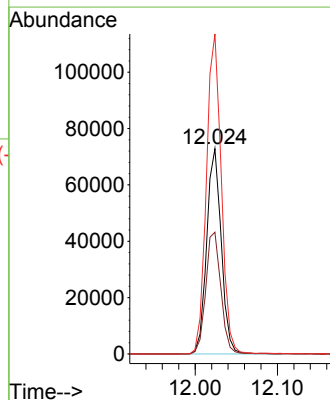
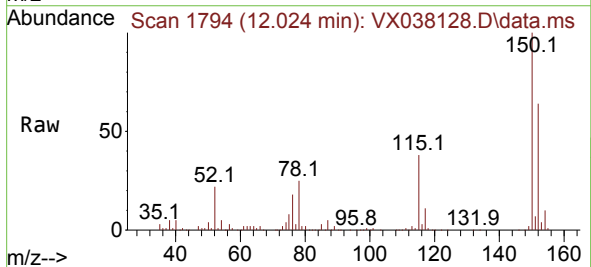
Instrument :
MSVOA_X
ClientSampleId :
EB-1

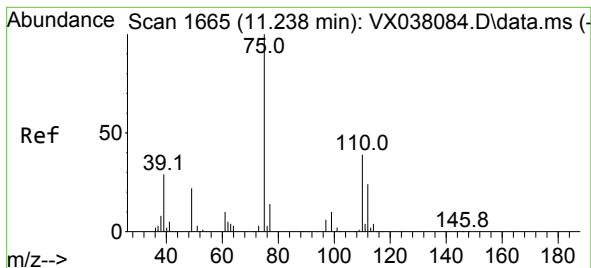
Tgt Ion:117 Resp: 181539
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038128.D
Acq: 06 Oct 2023 14:11

Tgt Ion:152 Resp: 89767
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 159.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.042 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038128.D

Acq: 06 Oct 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

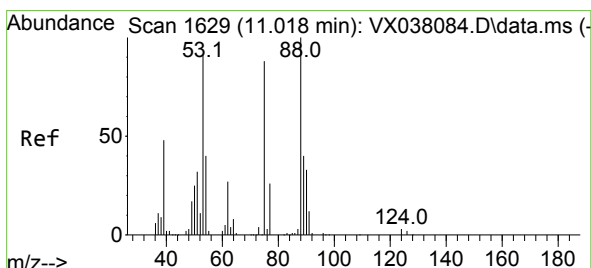
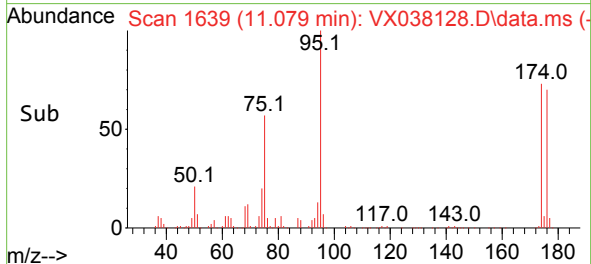
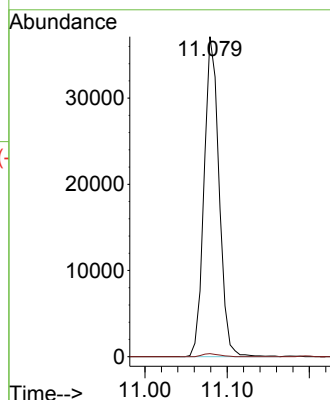
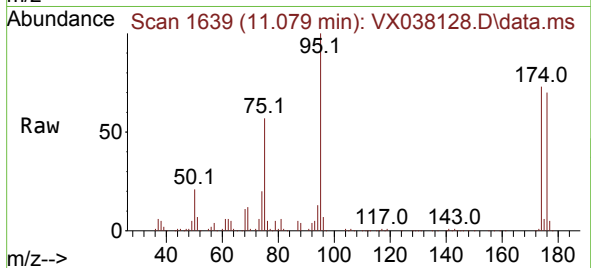
EB-1

Tgt Ion: 75 Resp: 47023

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.888 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038128.D

Acq: 06 Oct 2023 14:11

Tgt Ion: 75 Resp: 47023

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

