

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038188.D
 Acq On : 10 Oct 2023 10:06
 Operator : JC/MD
 Sample : VX1010WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBL01

Quant Time: Oct 11 01:33:25 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)

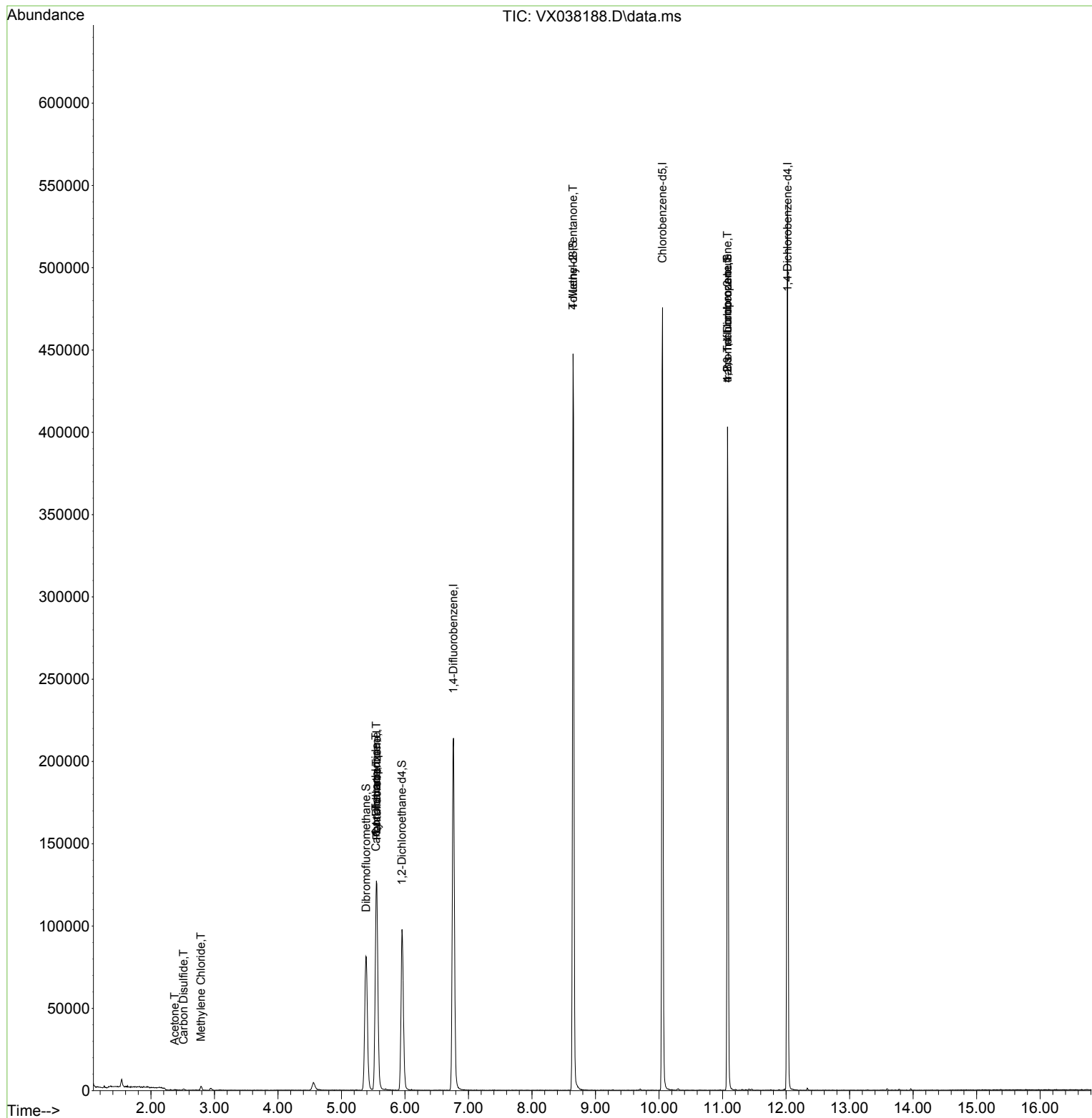
Internal Standards						
1) Pentafluorobenzene	5.556	168	121758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91405	46.673	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.340%		
35) Dibromofluoromethane	5.385	113	71458	45.539	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.080%		
50) Toluene-d8	8.647	98	270091	45.044	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.080%#		
62) 4-Bromofluorobenzene	11.079	95	100468	44.197	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.400%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	61	Below Cal		83
6) Chloroethane	1.685	64	82	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	722	Below Cal	#	78
16) Acetone	2.374	43	368	0.450	ug/l #	47
17) Carbon Disulfide	2.514	76	782	0.244	ug/l #	76
20) Methylene Chloride	2.788	84	1102	0.717	ug/l	90
31) Cyclohexane	5.550	56	3020	1.423	ug/l #	39
36) 1,1-Dichloropropene	5.550	75	10602	4.900	ug/l #	51
38) Carbon Tetrachloride	5.544	117	12628	5.932	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1211	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55299	22.286	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55299	63.859	ug/l #	5

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

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Response via : Initial Calibration

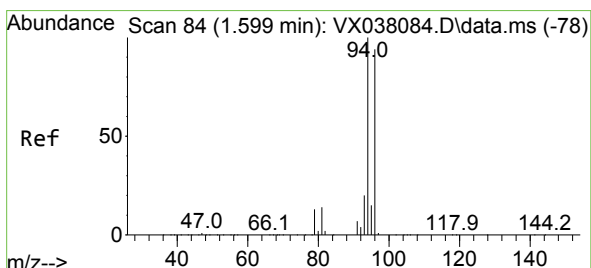
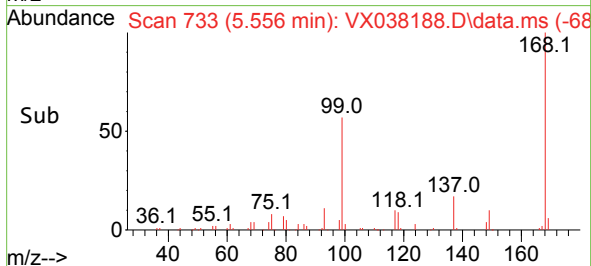
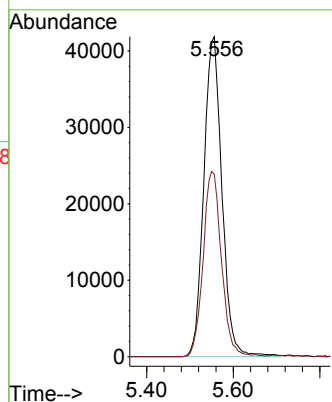
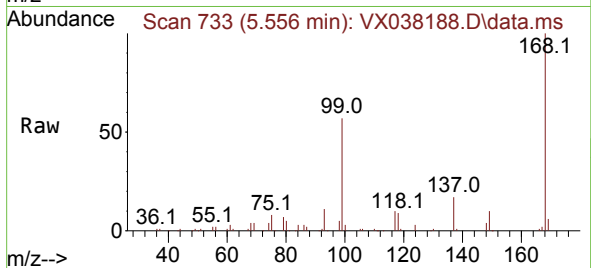




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

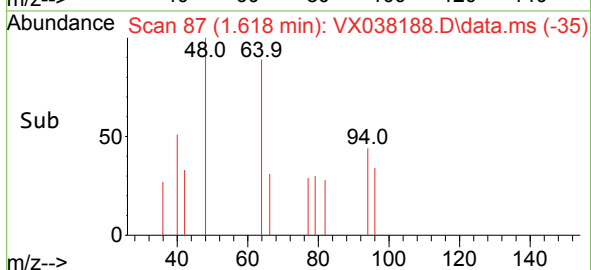
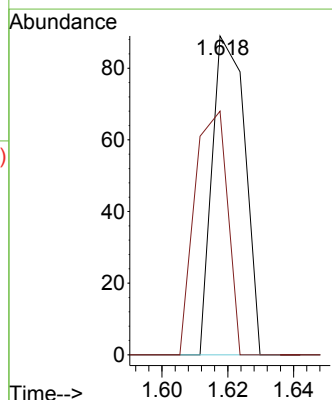
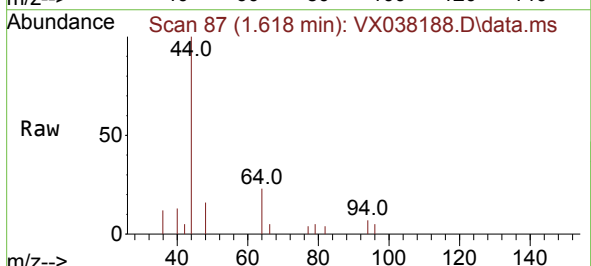
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Tgt Ion:168 Resp: 121758
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

Tgt Ion: 94 Resp: 61
Ion Ratio Lower Upper
94 100
96 76.4 74.6 111.8

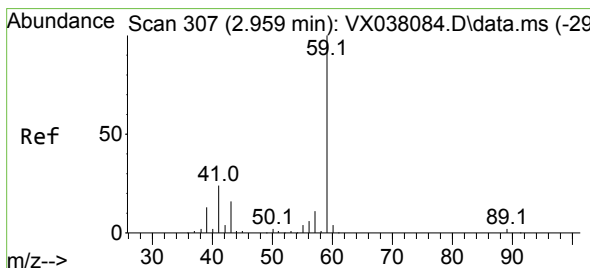
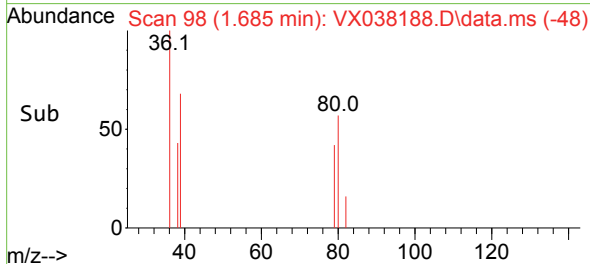
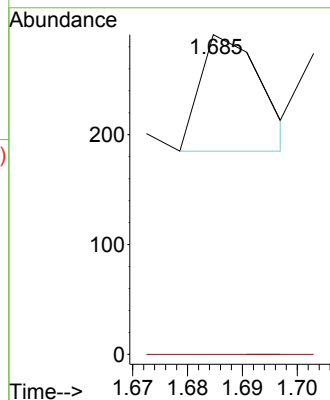
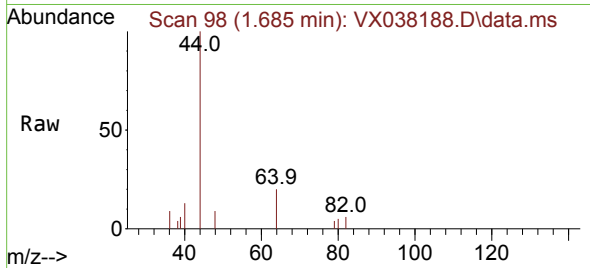




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

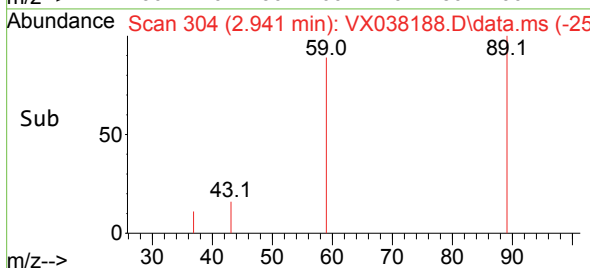
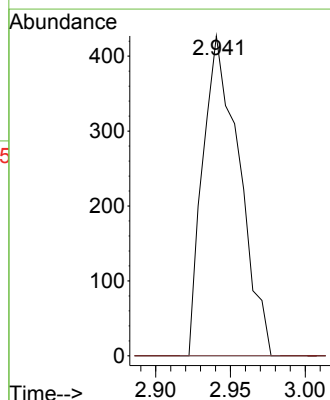
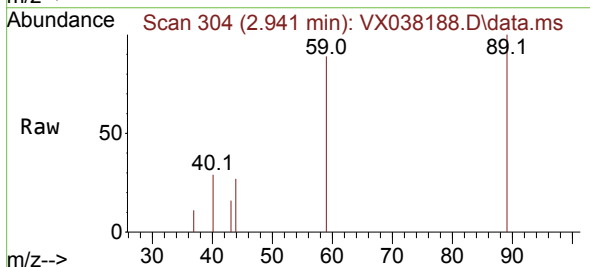
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Tgt Ion: 64 Resp: 82
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

Tgt Ion: 59 Resp: 722
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

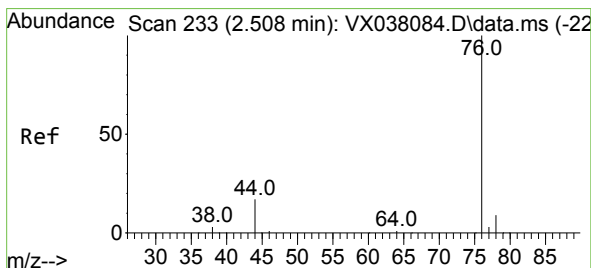
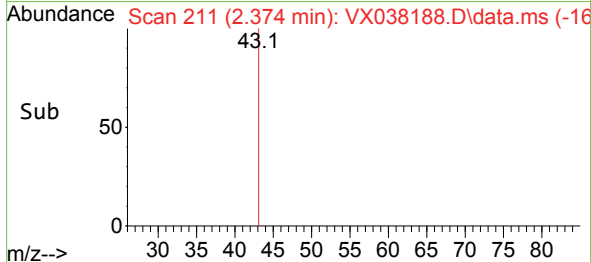
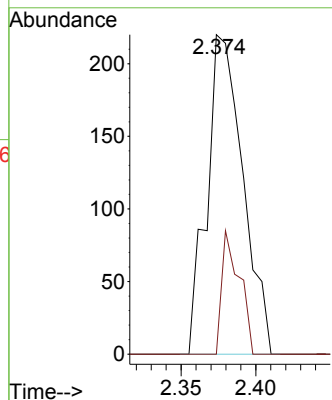
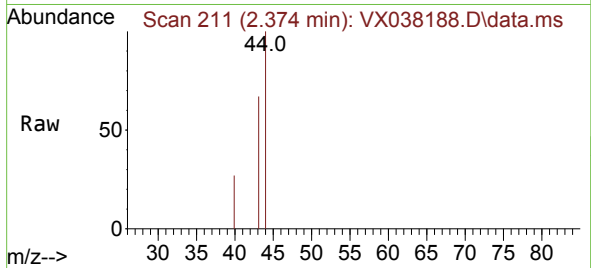




#16
Acetone
Concen: 0.450 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

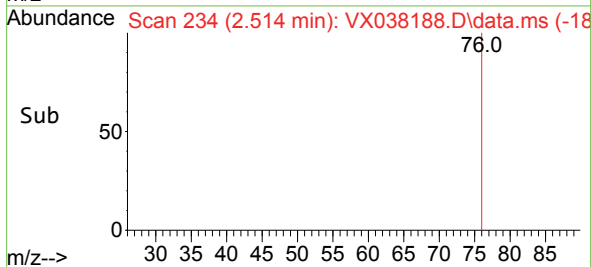
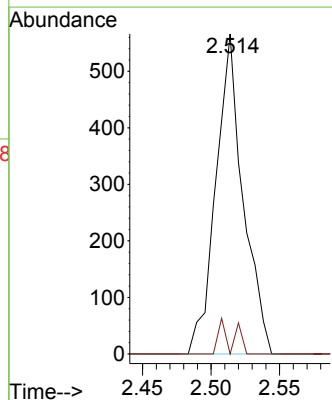
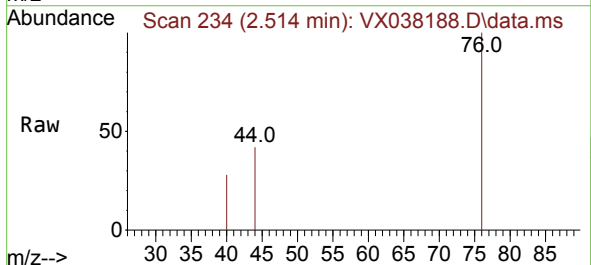
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

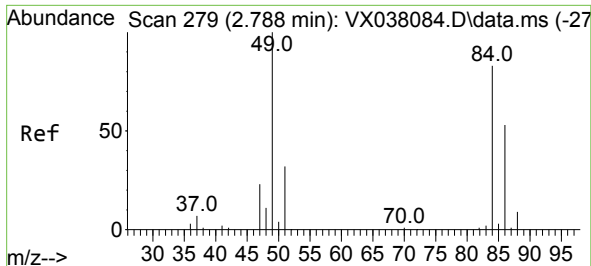
Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.244 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

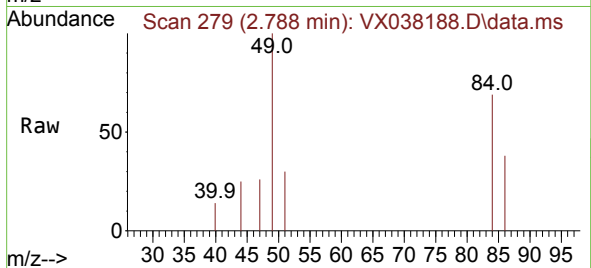
Tgt Ion: 76 Resp: 782
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





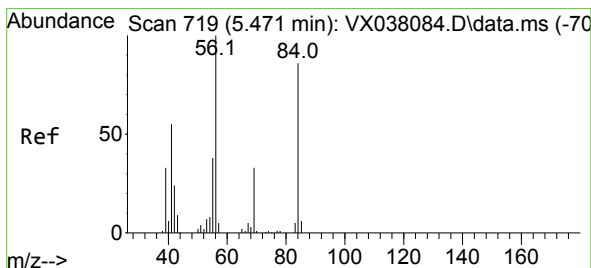
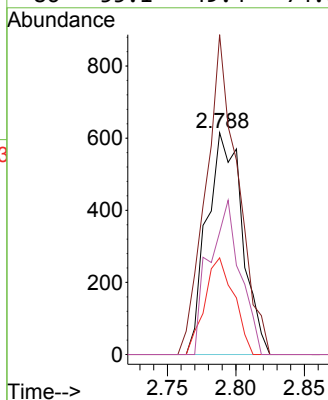
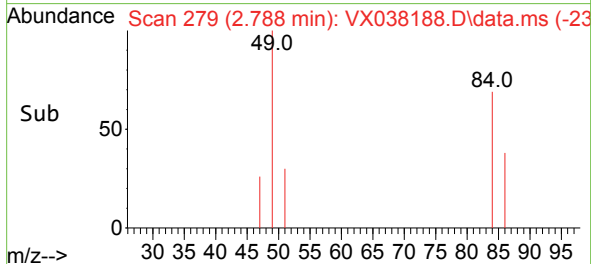
#20
Methylene Chloride
Concen: 0.717 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

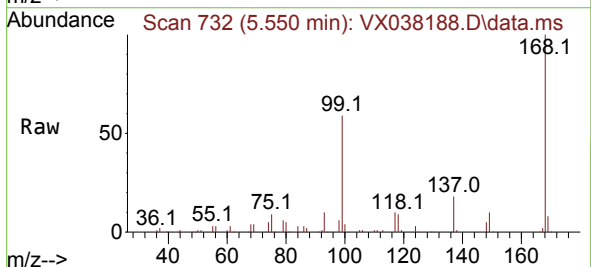


Tgt Ion: 84 Resp: 1102

Ion	Ratio	Lower	Upper
84	100		
49	144.2	103.6	155.4
51	43.6	33.8	50.6
86	55.1	49.4	74.0

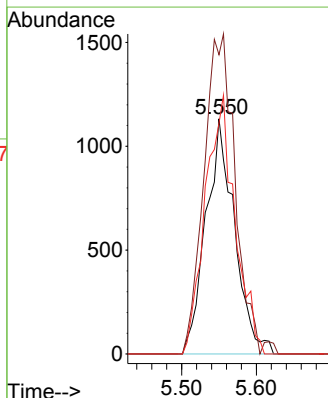
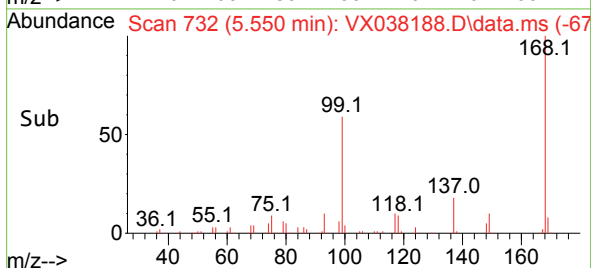


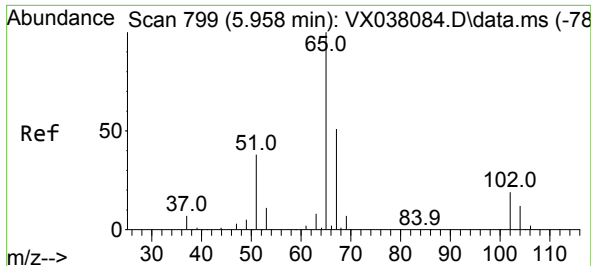
#31
Cyclohexane
Concen: 1.423 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06



Tgt Ion: 56 Resp: 3020

Ion	Ratio	Lower	Upper
56	100		
69	127.2	23.4	35.2#
84	98.1	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 46.673 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038188.D

Acq: 10 Oct 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

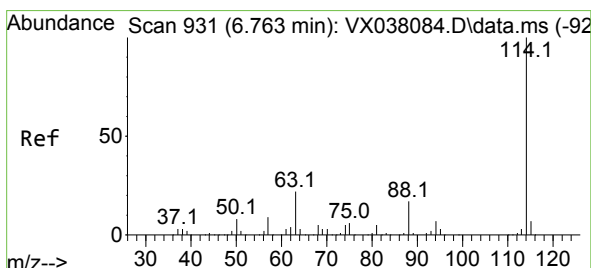
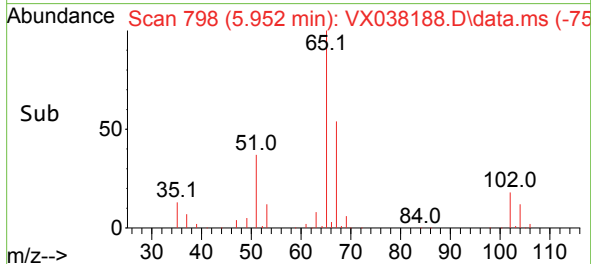
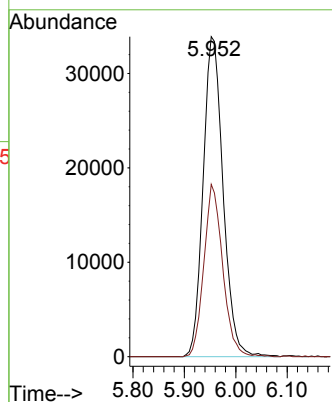
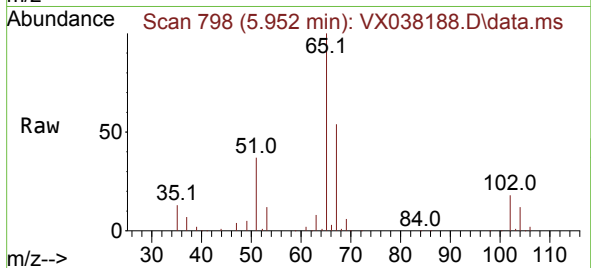
VX1010WBL01

Tgt Ion: 65 Resp: 91405

Ion Ratio Lower Upper

65 100

67 50.9 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: VX038188.D

Acq: 10 Oct 2023 10:06

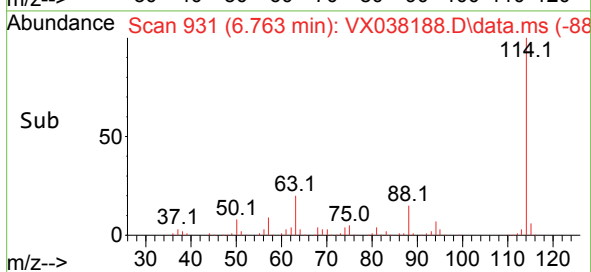
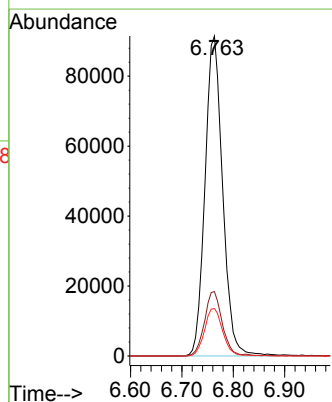
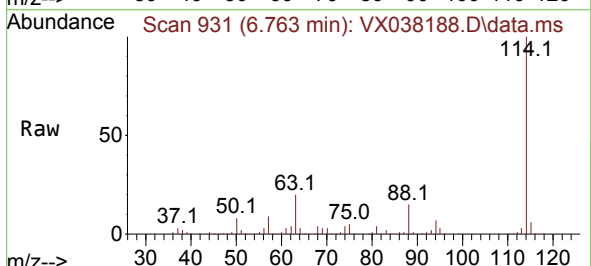
Tgt Ion: 114 Resp: 217767

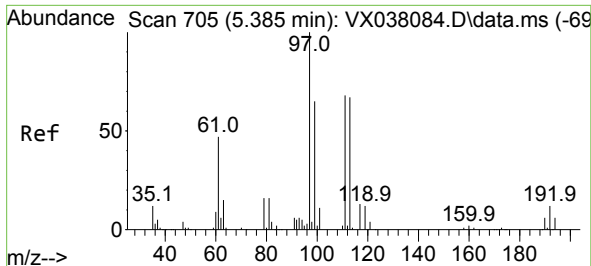
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 14.8 0.0 36.6

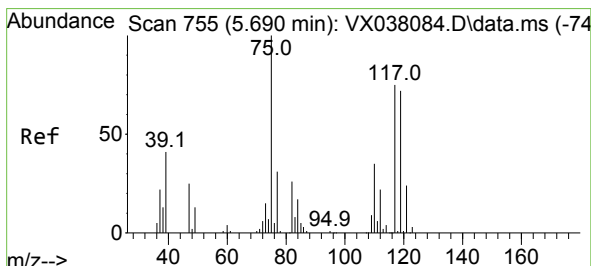
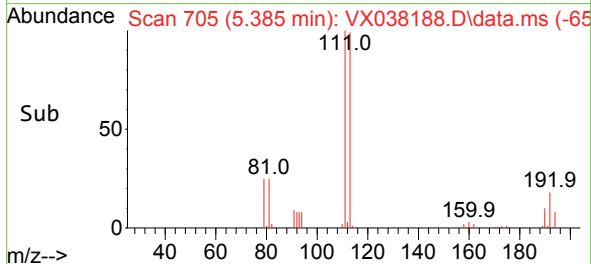
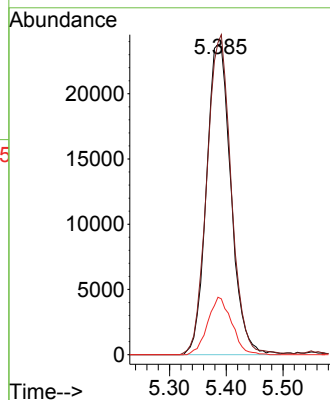
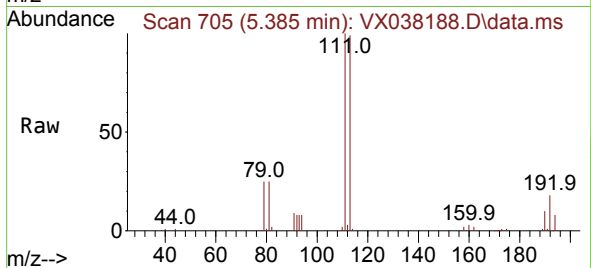




#35
Dibromofluoromethane
Concen: 45.539 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

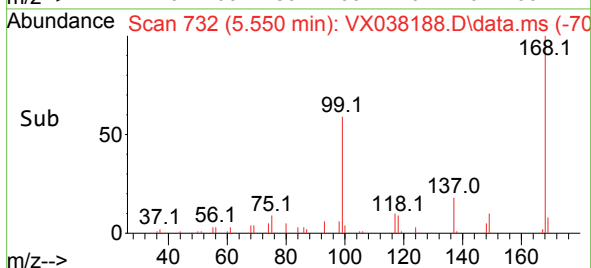
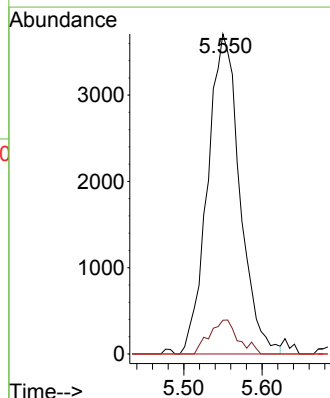
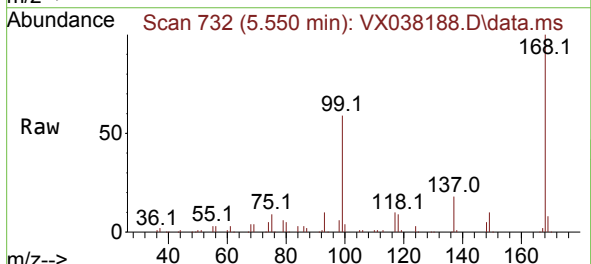
Instrument :
MSVOA_X
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VX1010WBL01

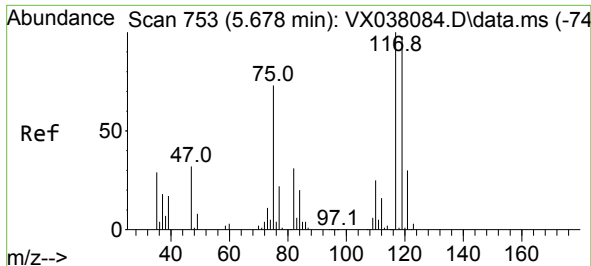
Tgt Ion:113 Resp: 71458
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

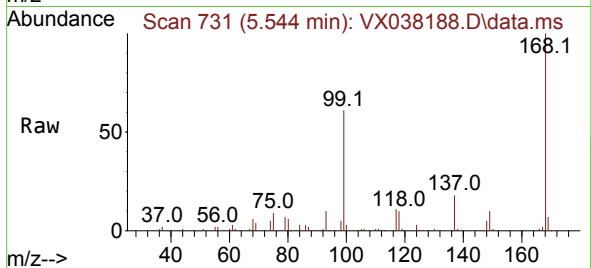
Tgt Ion: 75 Resp: 10602
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



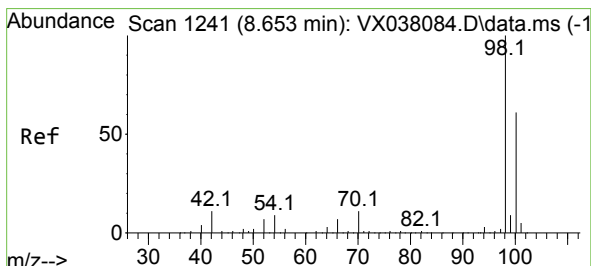
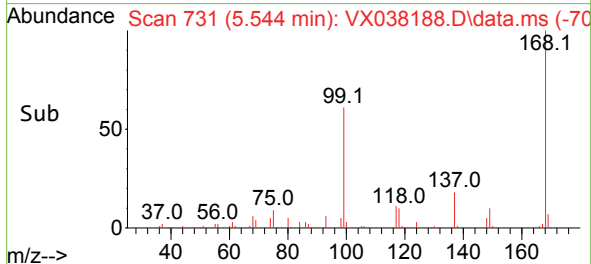
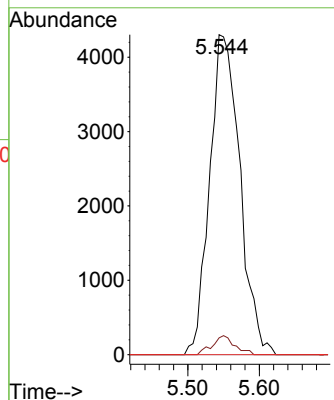


#38
Carbon Tetrachloride
Concen: 5.932 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

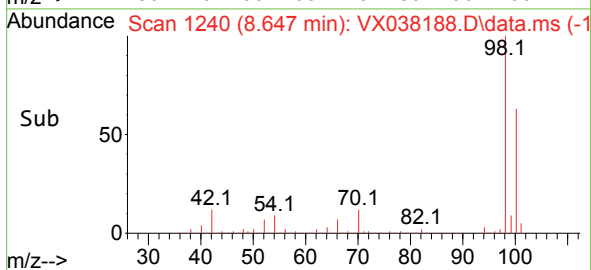
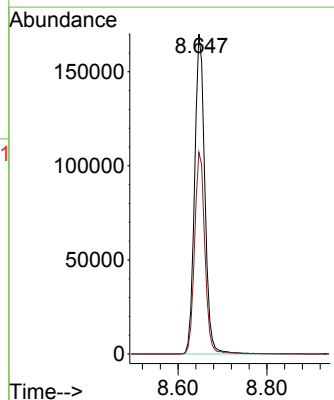
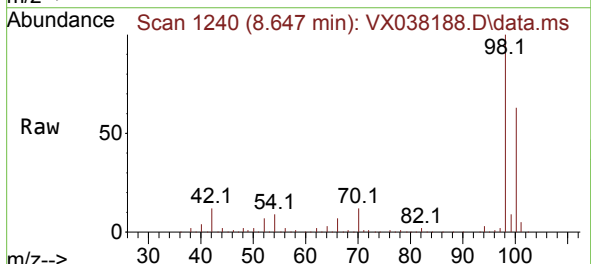


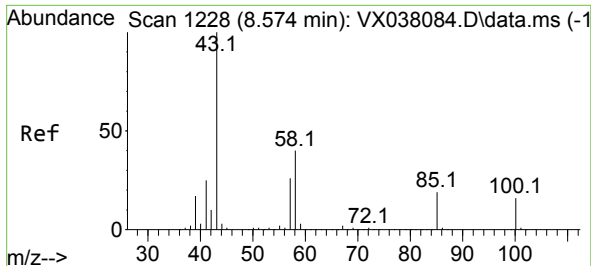
Tgt Ion:117 Resp: 12628
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.044 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

Tgt Ion: 98 Resp: 270091
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

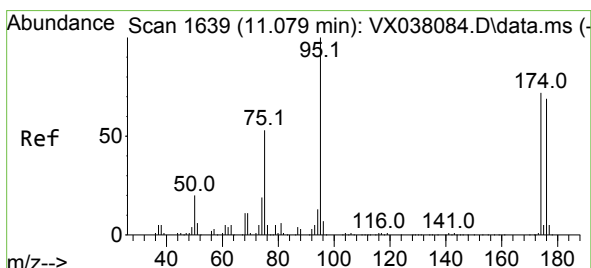
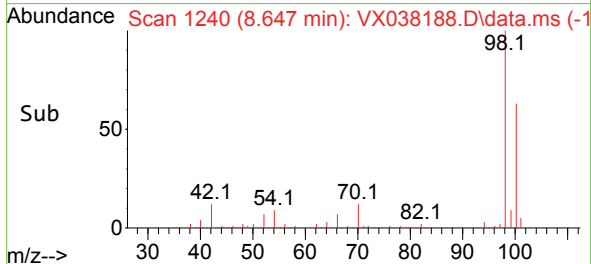
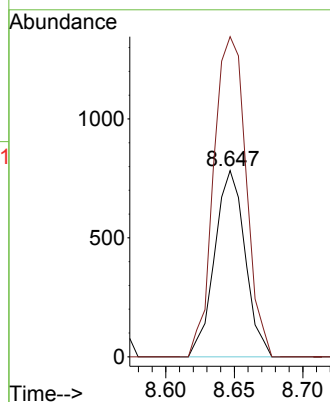
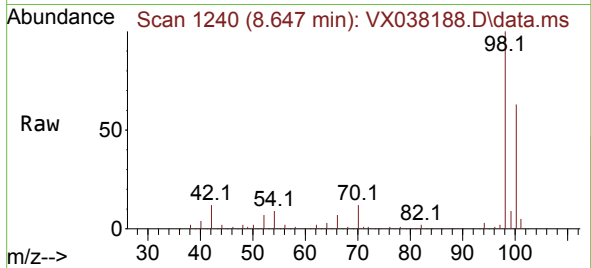




#51
4-Methyl-2-Pentanone
Concen: 0.458 ug/l
RT: 8.647 min Scan# 1228
Delta R.T. 0.073 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

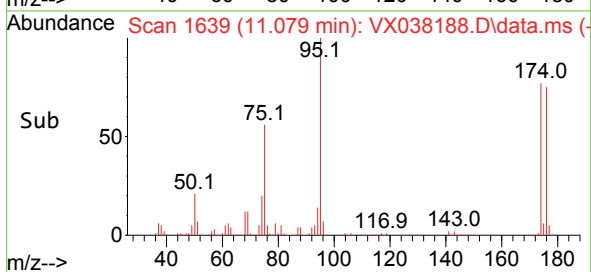
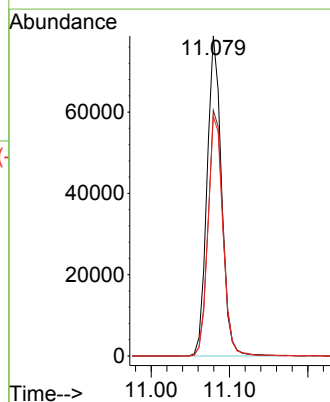
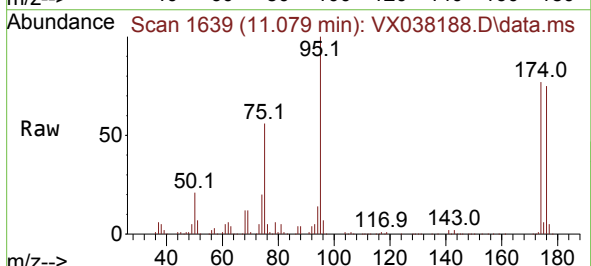
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

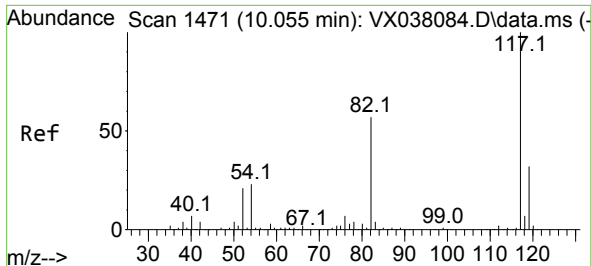
Tgt Ion: 43 Resp: 1211
Ion Ratio Lower Upper
43 100
58 182.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

Tgt Ion: 95 Resp: 100468
Ion Ratio Lower Upper
95 100
174 79.8 0.0 135.6
176 76.8 0.0 131.0

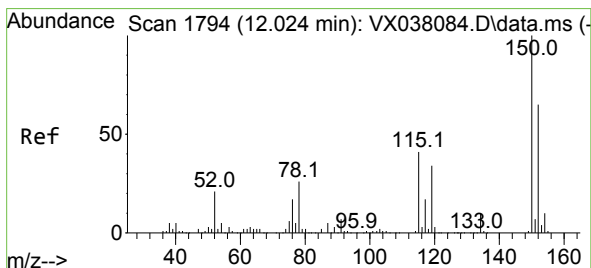
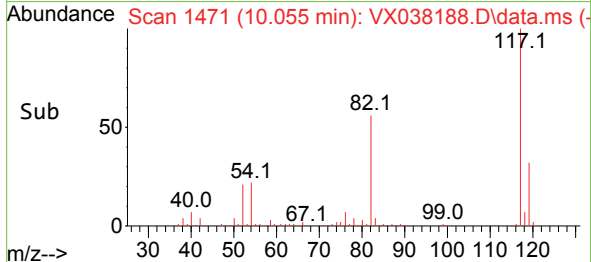
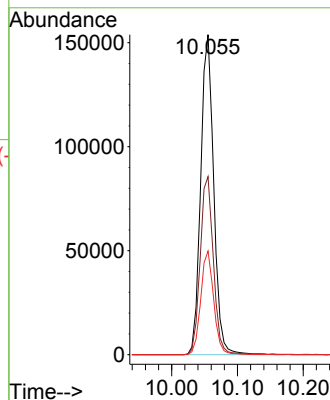
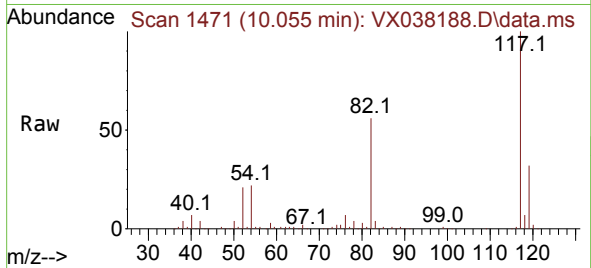




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

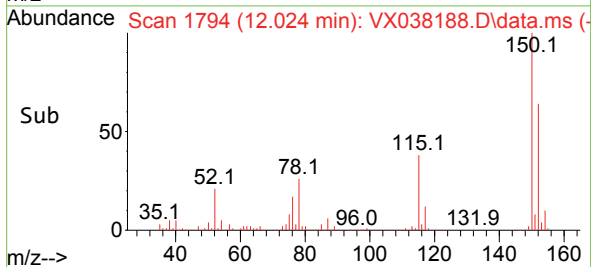
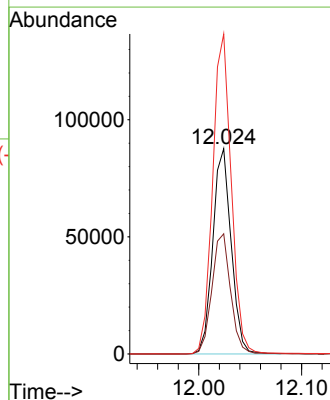
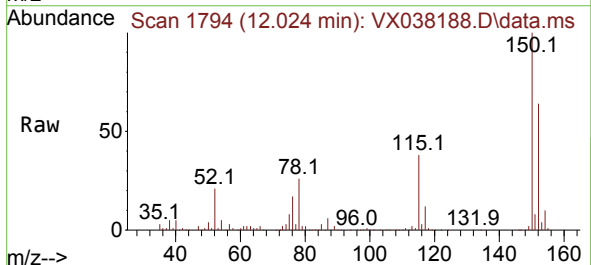
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

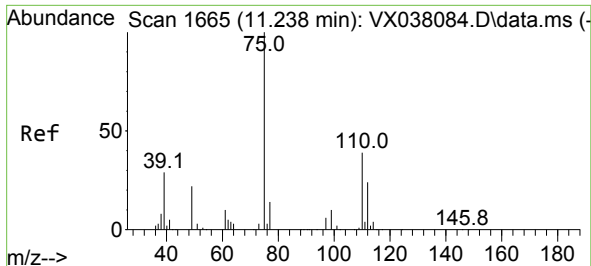
Tgt Ion:117 Resp: 212157
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

Tgt Ion:152 Resp: 109146
Ion Ratio Lower Upper
152 100
115 59.6 43.3 129.9
150 157.8 0.0 345.0

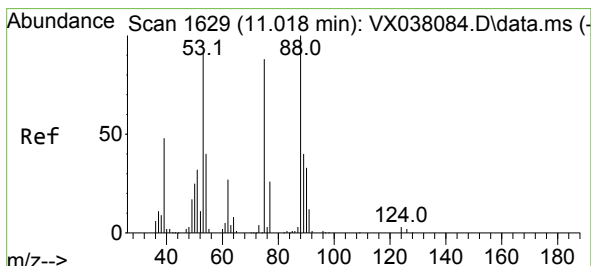
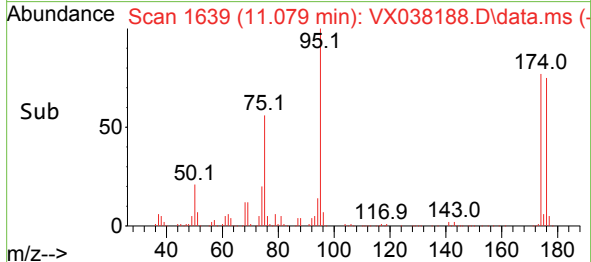
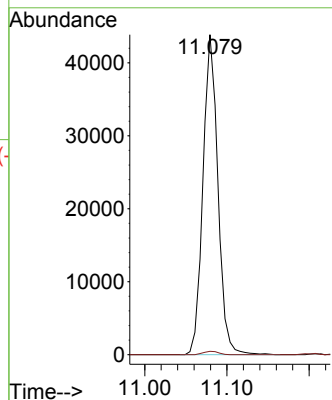
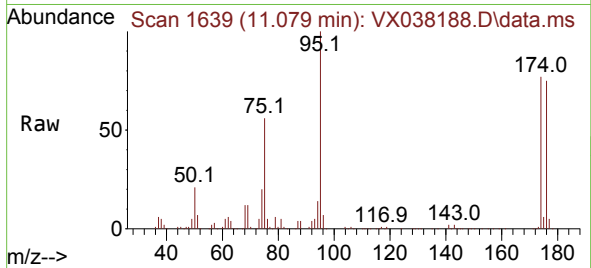




#76
1,2,3-Trichloropropane
Concen: 22.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Tgt Ion: 75 Resp: 55299
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038188.D
Acq: 10 Oct 2023 10:06

Tgt Ion: 75 Resp: 55299
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

