

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038221.D
 Acq On : 11 Oct 2023 12:03
 Operator : JC/MD
 Sample : 04782-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

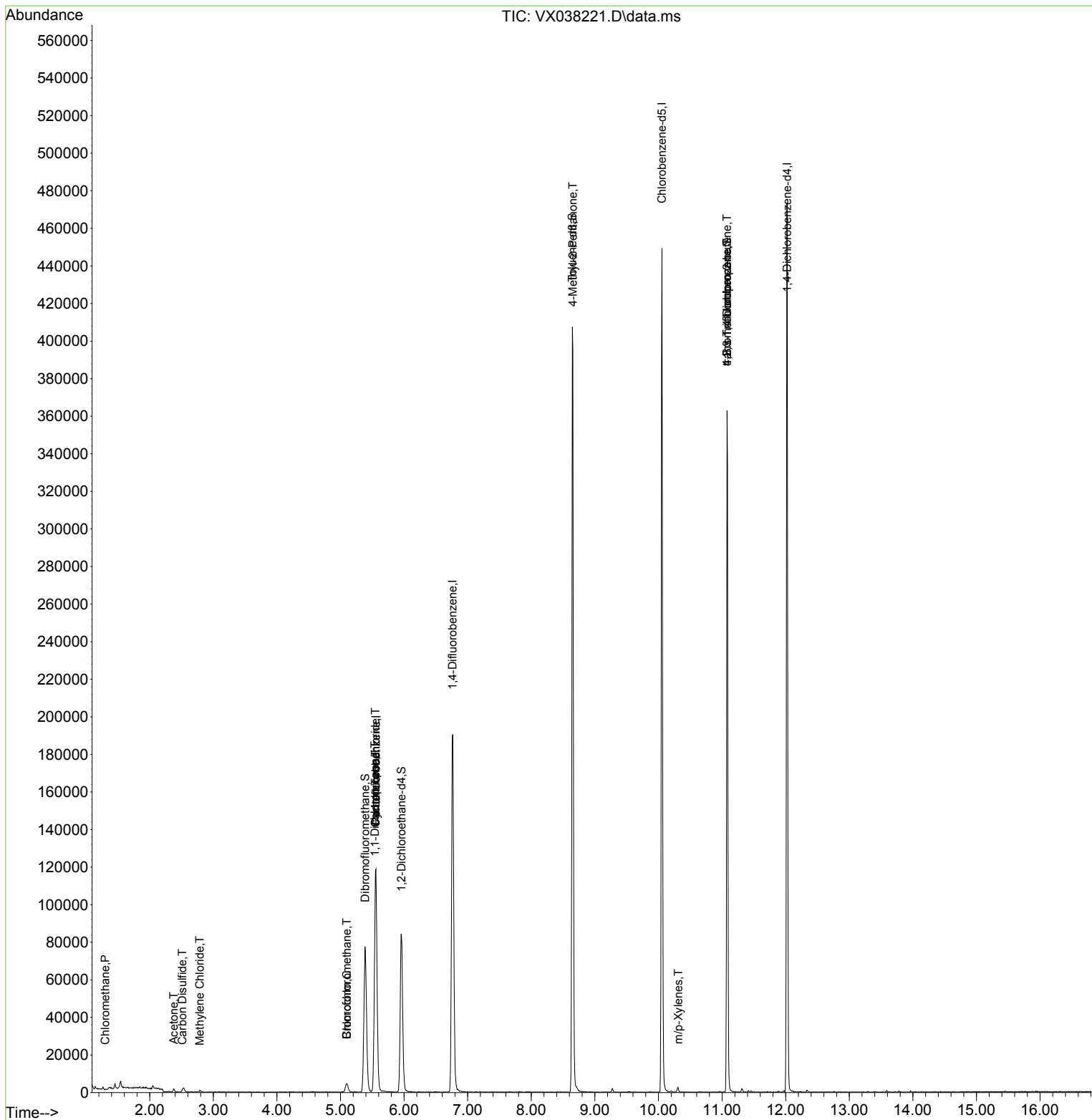
Quant Time: Oct 12 02:41:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

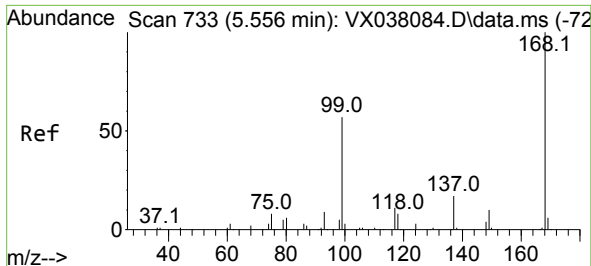
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	109322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83051	47.232	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.460%
35) Dibromofluoromethane	5.385	113	64938	45.550	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.100%
50) Toluene-d8	8.647	98	247614	45.453	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.900%#
62) 4-Bromofluorobenzene	11.079	95	91038	44.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	324	0.301	ug/l #	43
5) Bromomethane	1.611	94	83	Below Cal	#	3
6) Chloroethane	1.679	64	46	Below Cal	#	43
16) Acetone	2.380	43	1763	2.402	ug/l #	75
17) Carbon Disulfide	2.514	76	1015	0.352	ug/l #	76
20) Methylene Chloride	2.788	84	453	0.328	ug/l #	79
28) Bromochloromethane	5.099	49	446	0.434	ug/l #	16
30) Chloroform	5.099	83	5847	2.350	ug/l	92
31) Cyclohexane	5.550	56	2806	1.473	ug/l #	37
36) 1,1-Dichloropropene	5.544	75	9271	4.716	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11754	6.078	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1105	0.460	ug/l #	1
68) m/p-Xylenes	10.311	106	671	0.238	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	50449	22.440	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50449	64.271	ug/l #	5

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

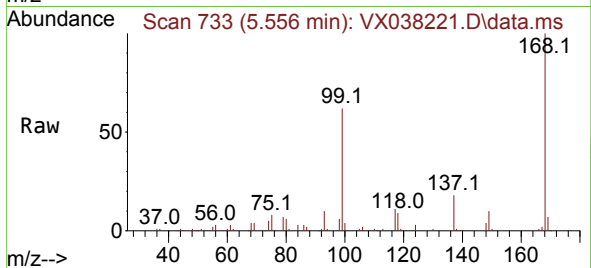
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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



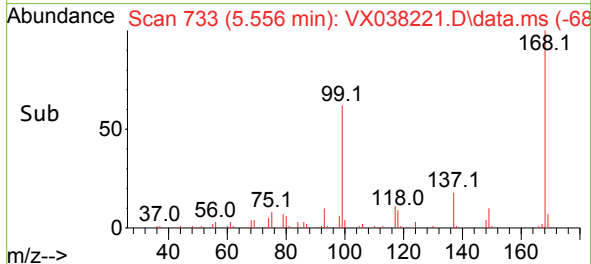
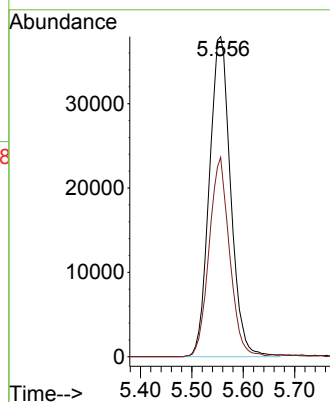


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :

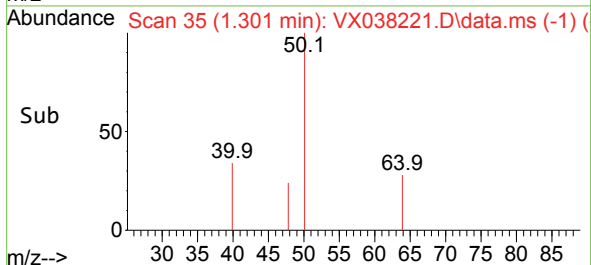
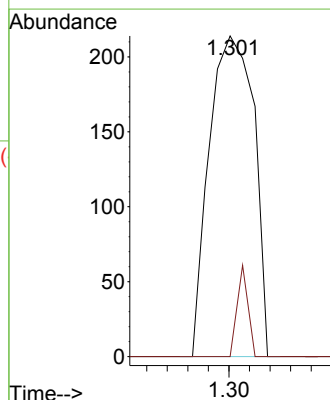
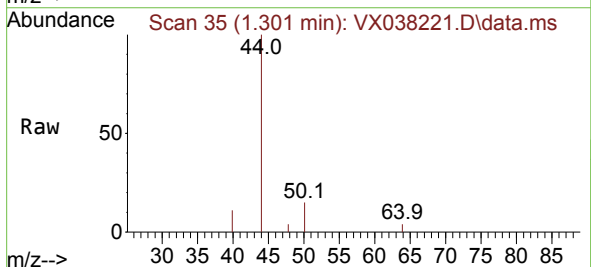


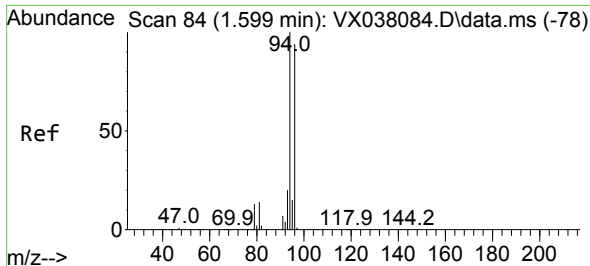
Tgt Ion:168 Resp: 109322
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#3
Chloromethane
Concen: 0.301 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

Tgt Ion: 50 Resp: 324
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

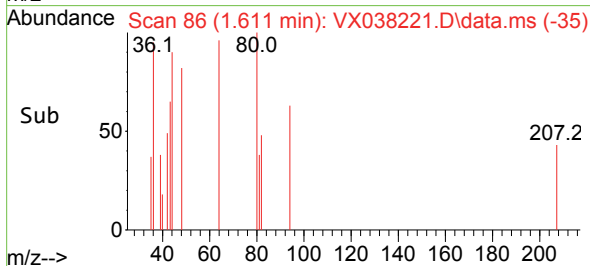
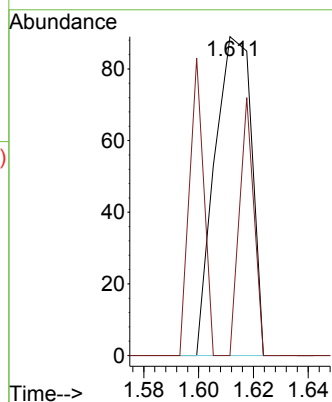
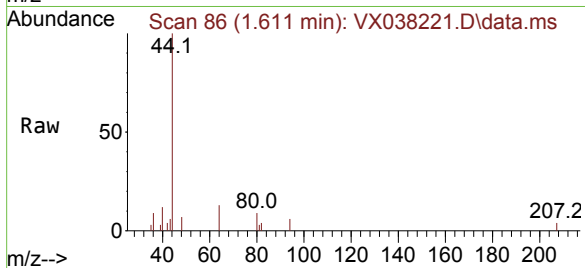




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

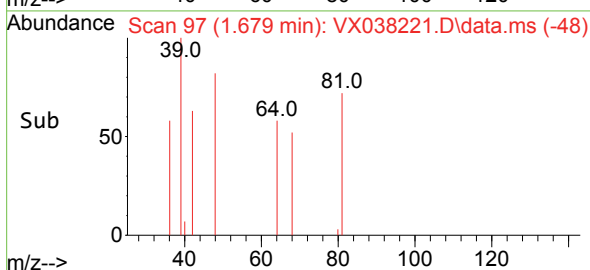
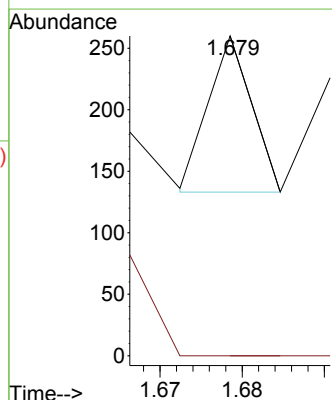
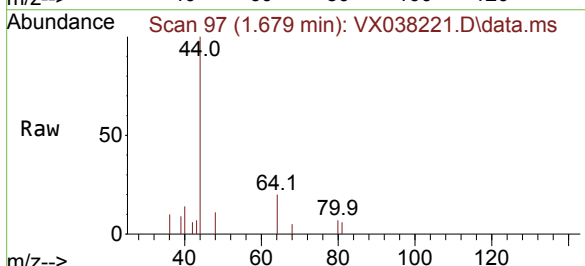
Instrument :
MSVOA_X
ClientSampleId :

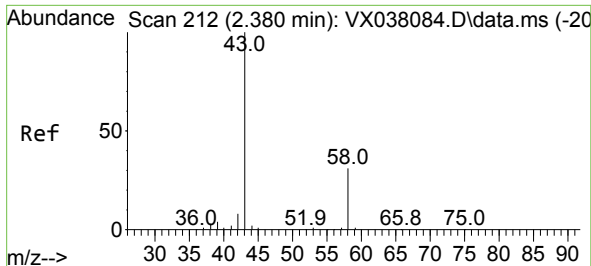
Tgt Ion: 94 Resp: 83
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

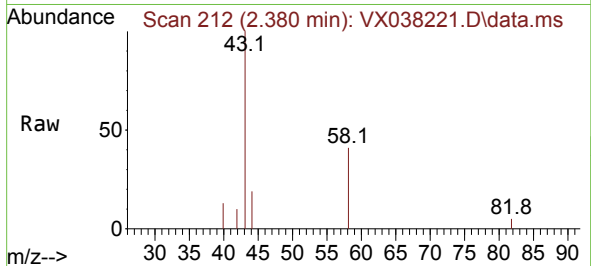
Tgt Ion: 64 Resp: 46
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



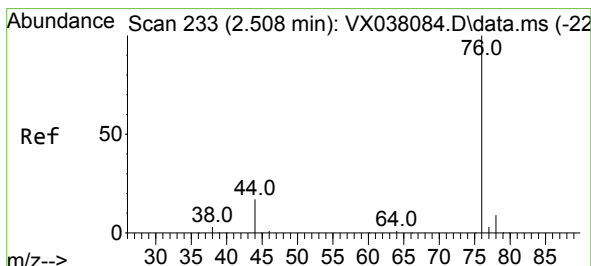
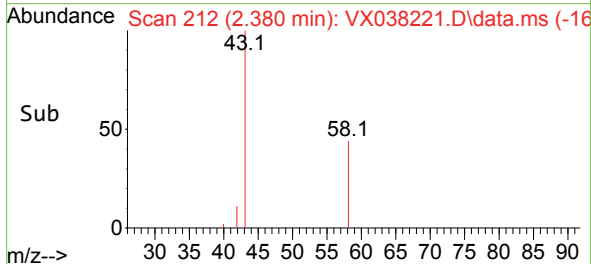
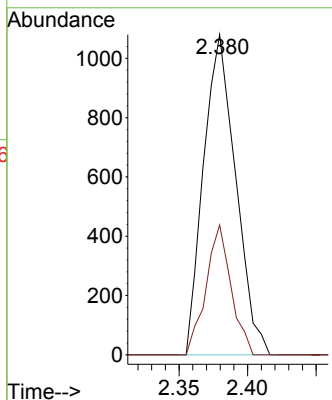


#16
Acetone
Concen: 2.402 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :

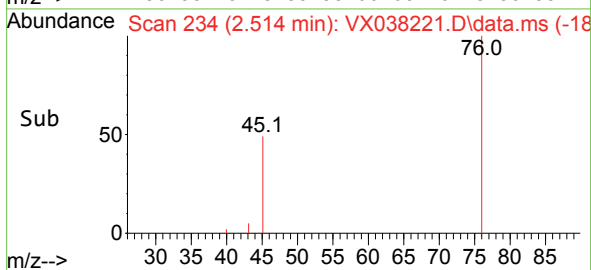
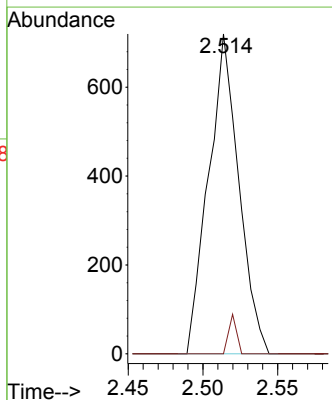
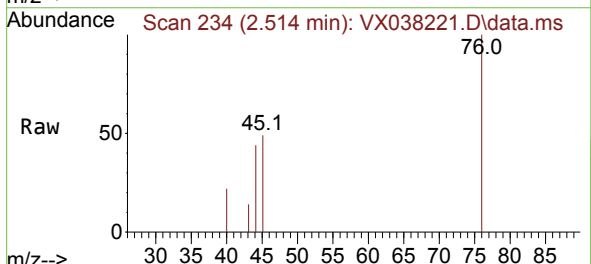


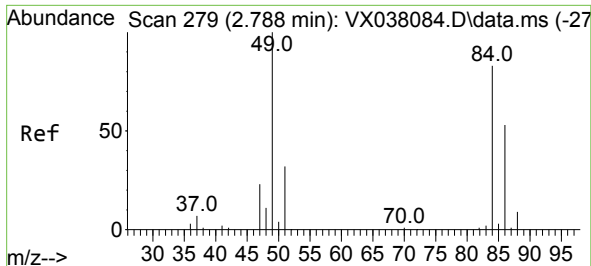
Tgt Ion: 43 Resp: 1763
Ion Ratio Lower Upper
43 100
58 40.6 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.352 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

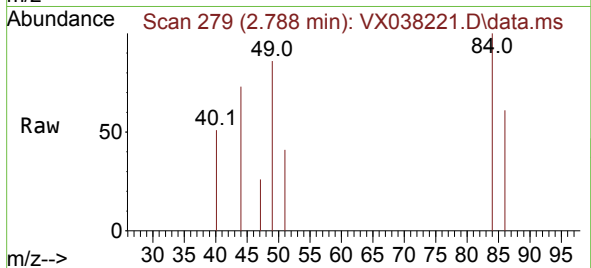
Tgt Ion: 76 Resp: 1015
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





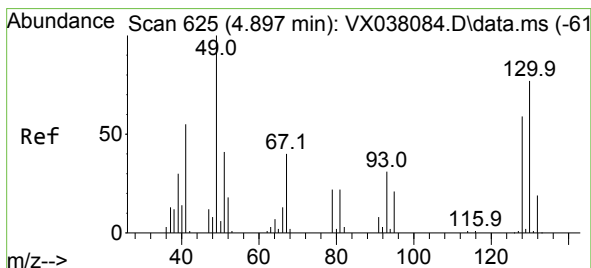
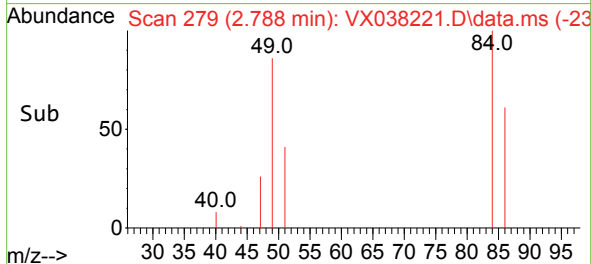
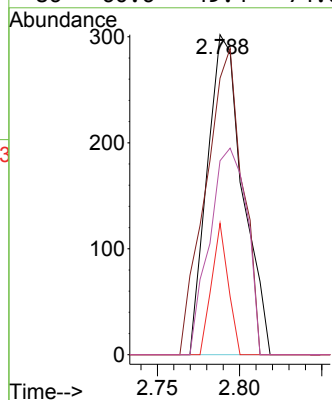
#20
Methylene Chloride
Concen: 0.328 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 453

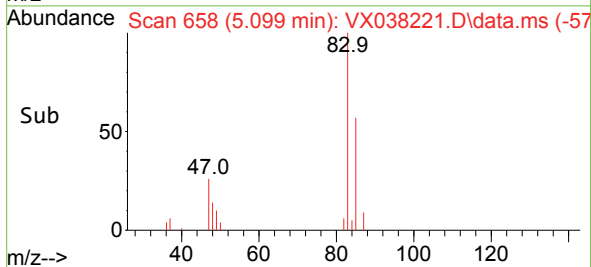
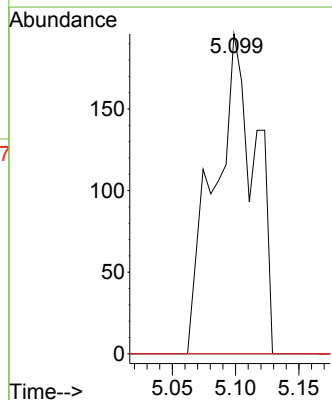
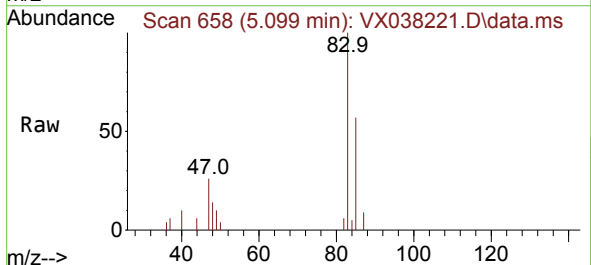
Ion	Ratio	Lower	Upper
84	100		
49	86.4	103.6	155.4#
51	41.1	33.8	50.6
86	60.6	49.4	74.0

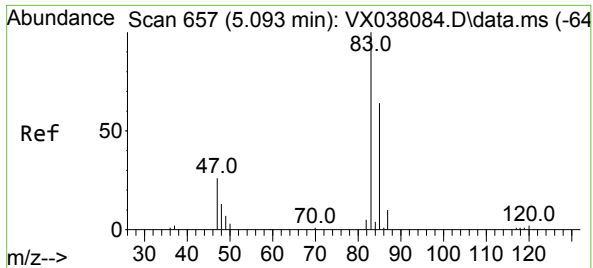


#28
Bromochloromethane
Concen: 0.434 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.202 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

Tgt Ion: 49 Resp: 446

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	57.5	86.3#

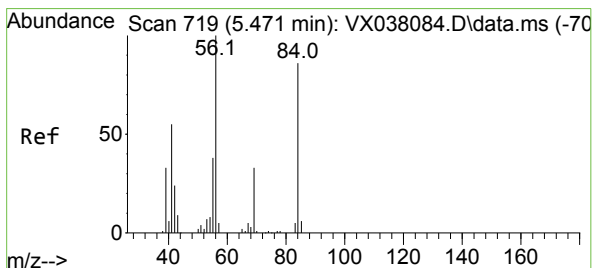
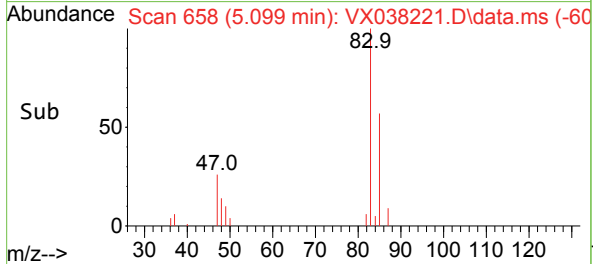
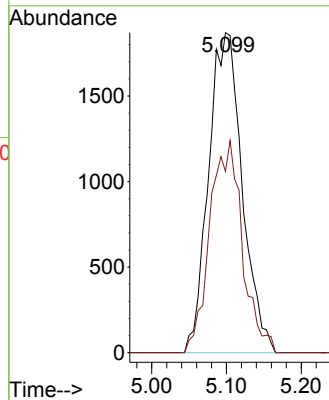
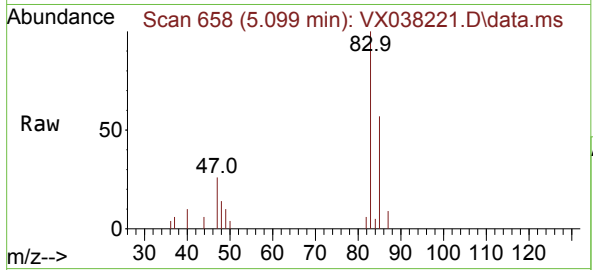




#30
Chloroform
Concen: 2.350 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

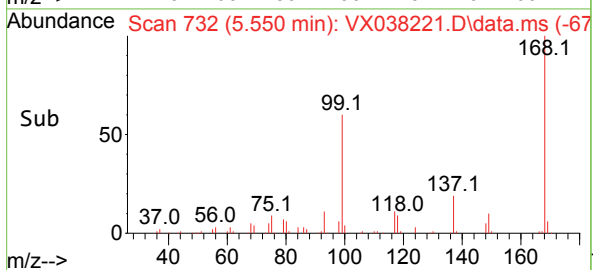
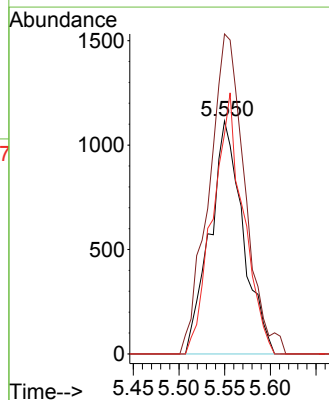
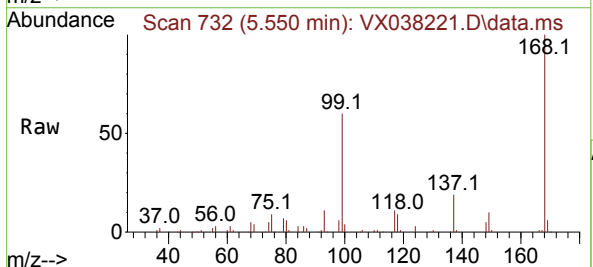
Instrument :
MSVOA_X
ClientSampleId :

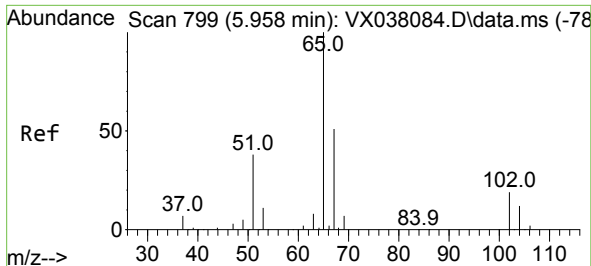
Tgt Ion: 83 Resp: 5847
Ion Ratio Lower Upper
83 100
85 56.6 50.3 75.5



#31
Cyclohexane
Concen: 1.473 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

Tgt Ion: 56 Resp: 2806
Ion Ratio Lower Upper
56 100
69 137.4 23.4 35.2#
84 94.4 65.9 98.9

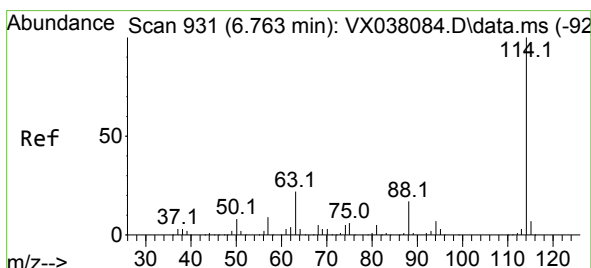
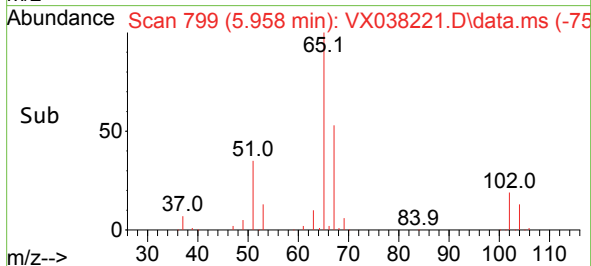
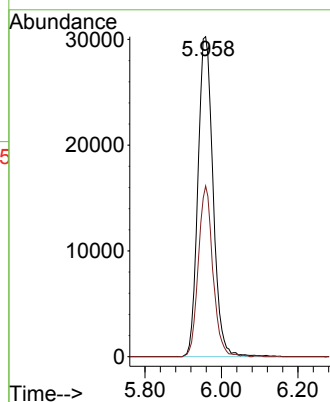
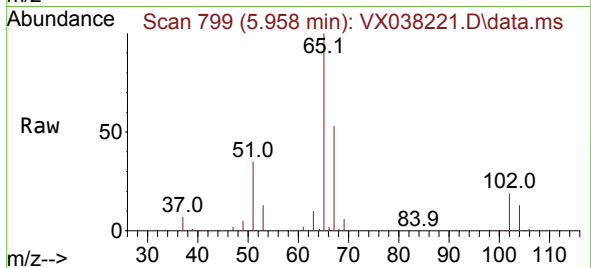




#33
 1,2-Dichloroethane-d4
 Concen: 47.232 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038221.D
 Acq: 11 Oct 2023 12:03

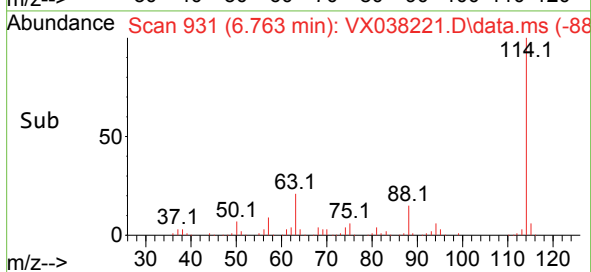
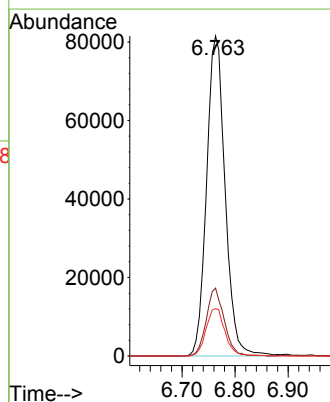
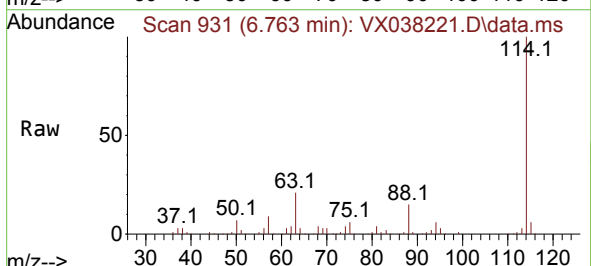
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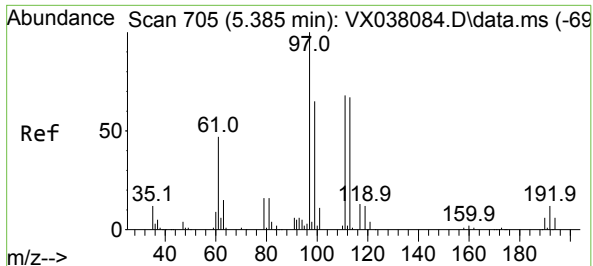
Tgt Ion: 65 Resp: 83051
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038221.D
 Acq: 11 Oct 2023 12:03

Tgt Ion:114 Resp: 197850
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.0
 88 14.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.550 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

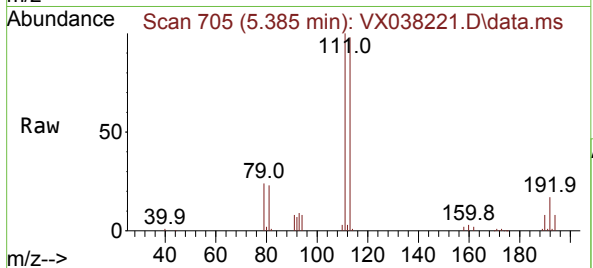
Lab File: VX038221.D

Acq: 11 Oct 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :



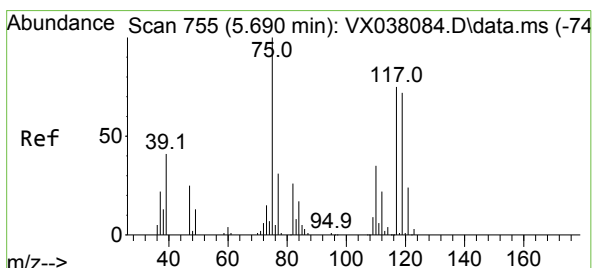
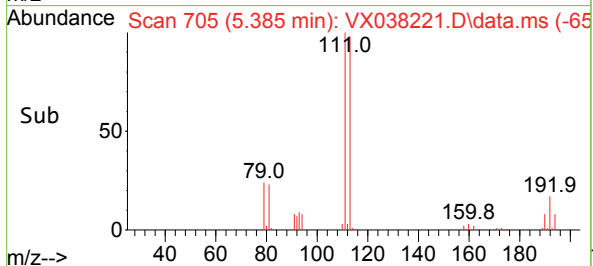
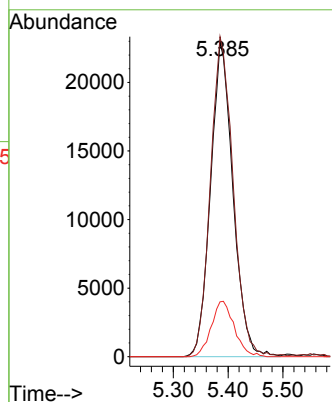
Tgt Ion:113 Resp: 64938

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 18.1 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.716 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX038221.D

Acq: 11 Oct 2023 12:03

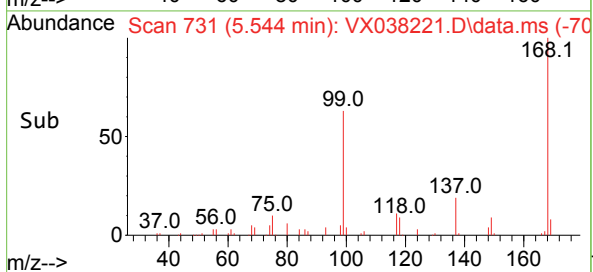
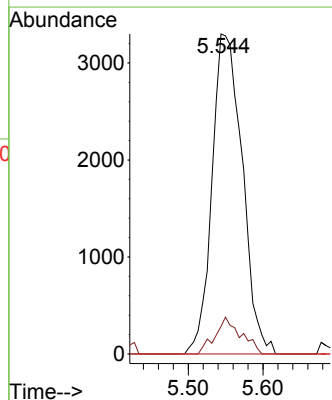
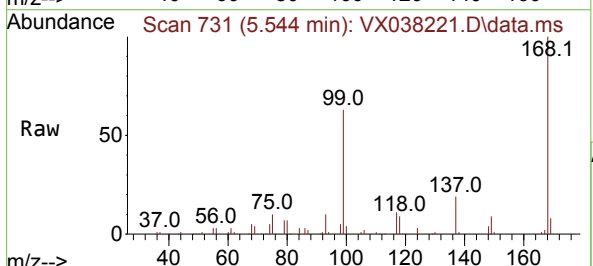
Tgt Ion: 75 Resp: 9271

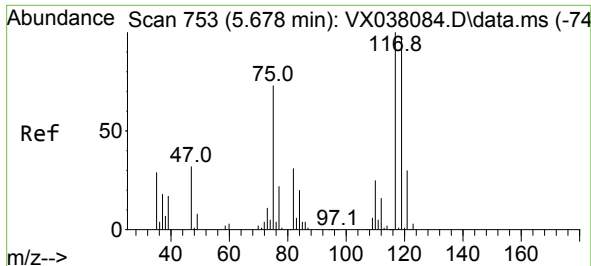
Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

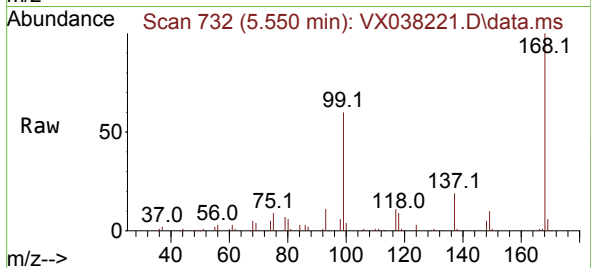
77 0.0 24.7 37.1#



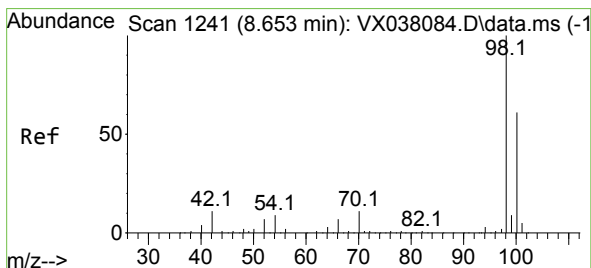
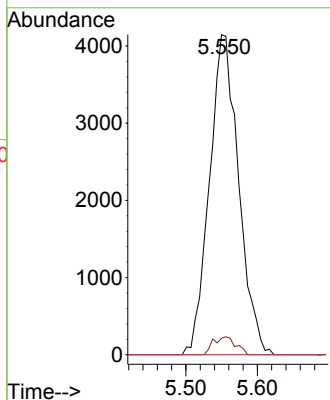
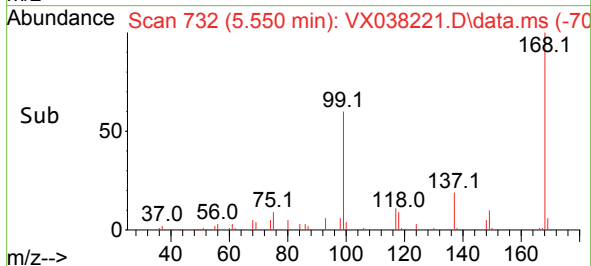


#38
Carbon Tetrachloride
Concen: 6.078 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :

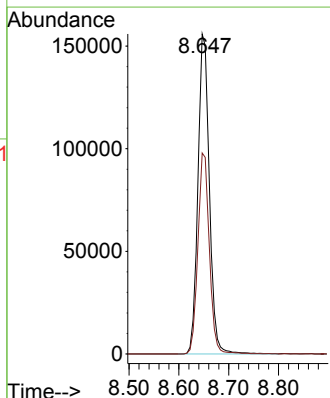
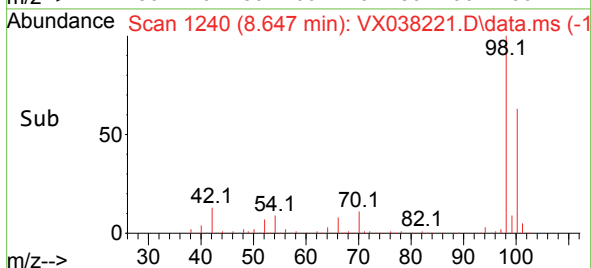
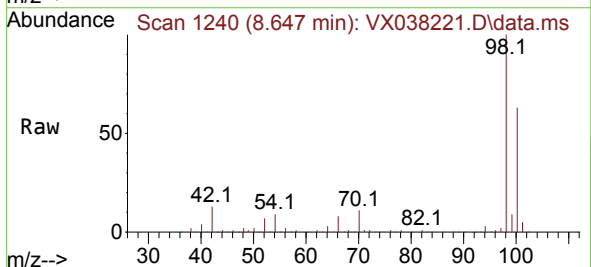


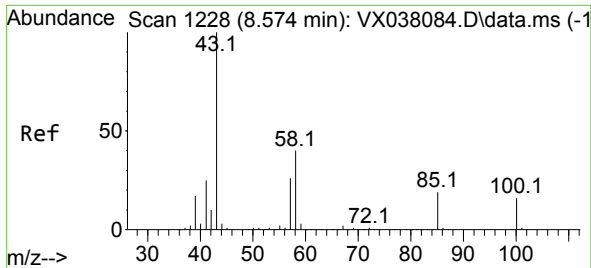
Tgt Ion:117 Resp: 11754
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.453 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

Tgt Ion: 98 Resp: 247614
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

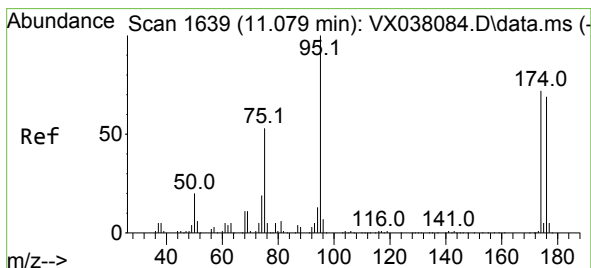
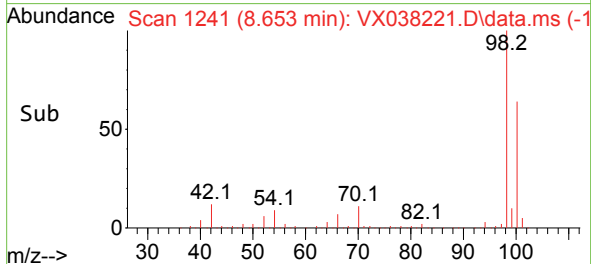
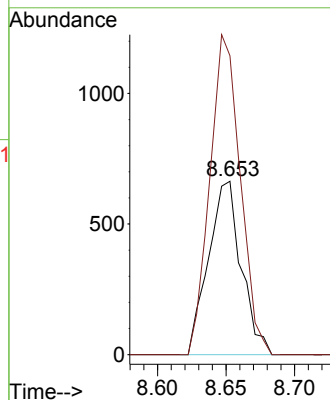
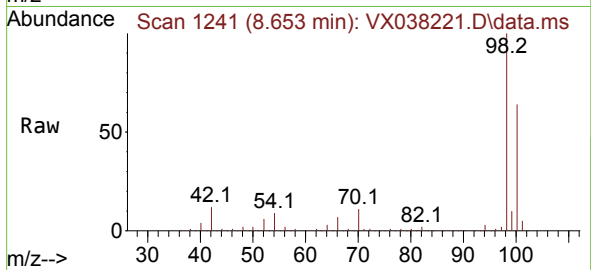




#51
4-Methyl-2-Pentanone
Concen: 0.460 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

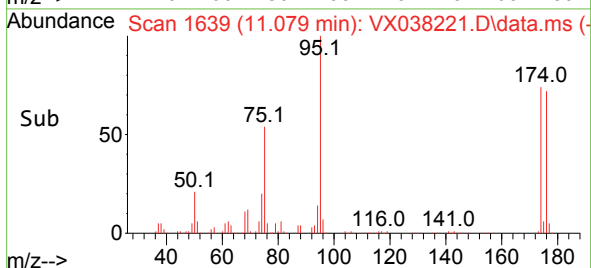
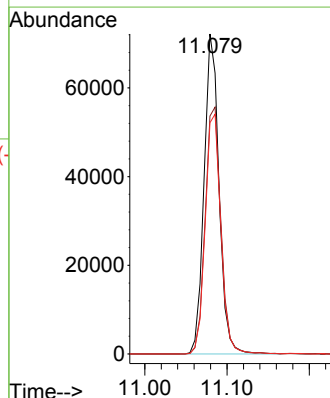
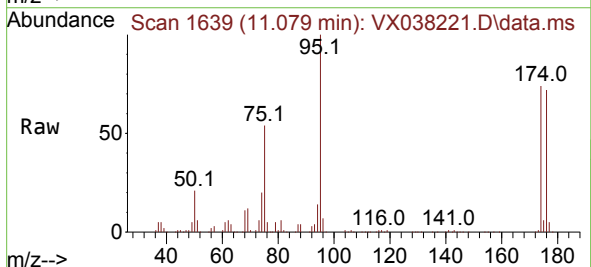
Instrument :
MSVOA_X
ClientSampleId :

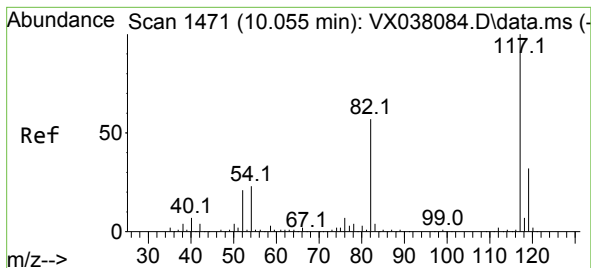
Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 171.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.080 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

Tgt Ion: 95 Resp: 91038
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 78.7 0.0 131.0

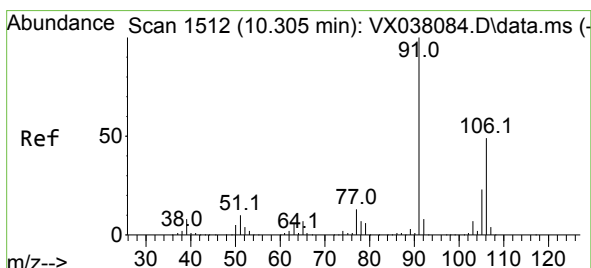
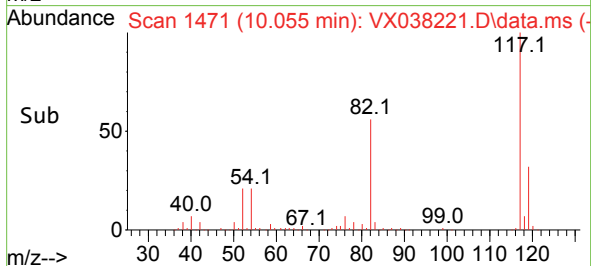
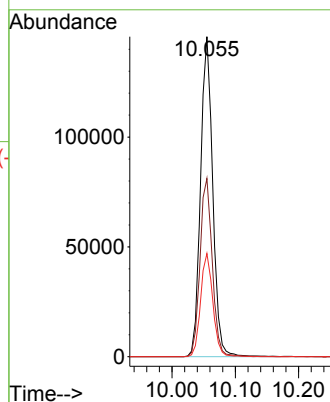
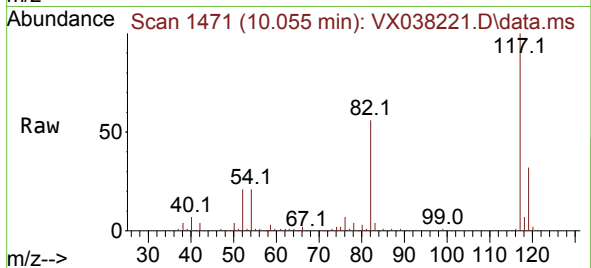




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

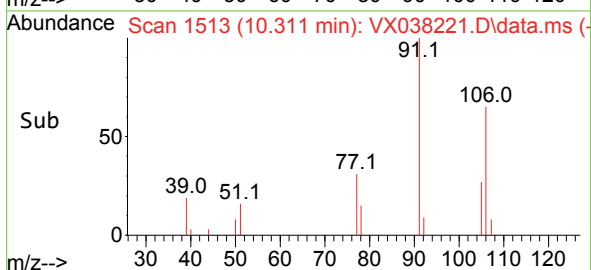
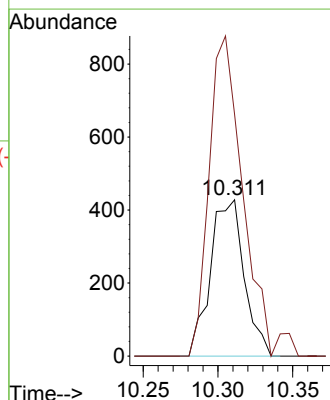
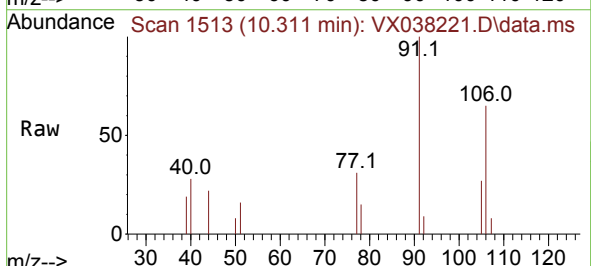
Instrument :
MSVOA_X
ClientSampleId :

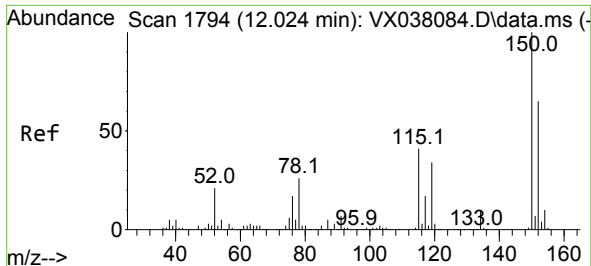
Tgt Ion:117 Resp: 195307
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 0.238 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX038221.D
Acq: 11 Oct 2023 12:03

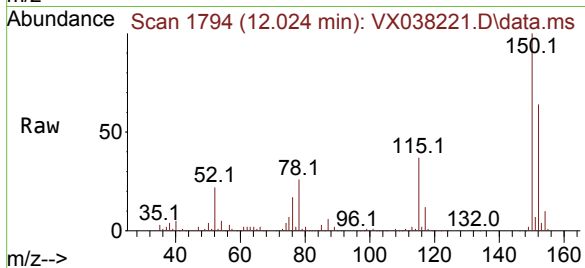
Tgt Ion:106 Resp: 671
Ion Ratio Lower Upper
106 100
91 208.3 165.5 248.3



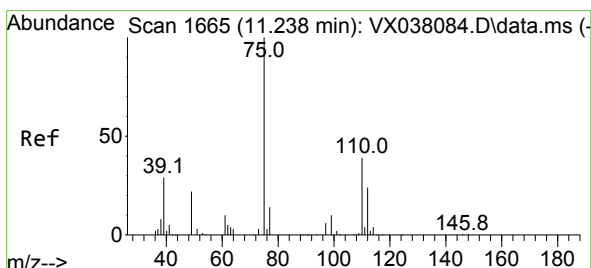
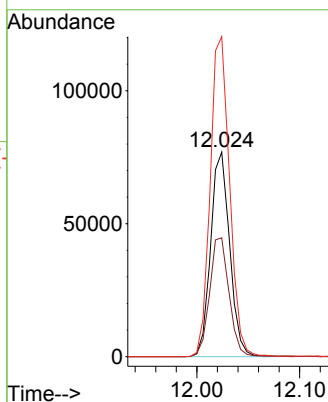
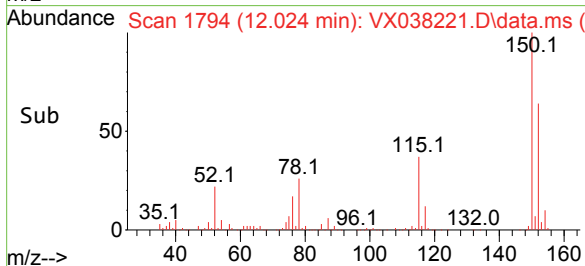


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038221.D
 Acq: 11 Oct 2023 12:03

Instrument :
 MSVOA_X
 ClientSampleId :

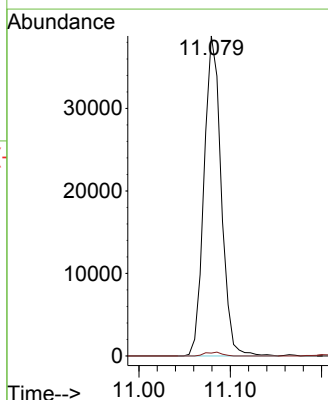
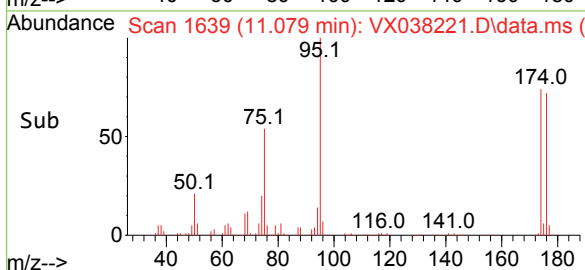
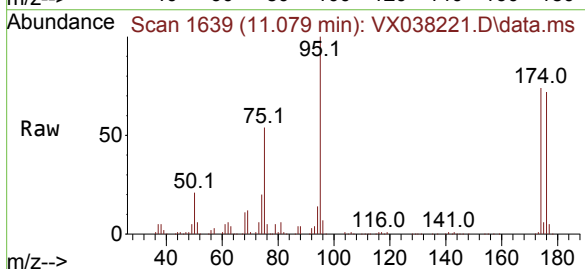


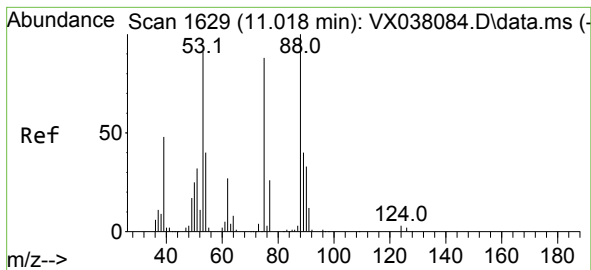
Tgt Ion:152 Resp: 98892
 Ion Ratio Lower Upper
 152 100
 115 59.5 43.3 129.9
 150 159.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.440 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038221.D
 Acq: 11 Oct 2023 12:03

Tgt Ion: 75 Resp: 50449
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.271 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038221.D
 Acq: 11 Oct 2023 12:03

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 50449
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

