

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034428.D
 Acq On : 13 Mar 2023 13:27
 Operator : JC/MD
 Sample : 01879-14 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20230308

Quant Time: Mar 14 02:24:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

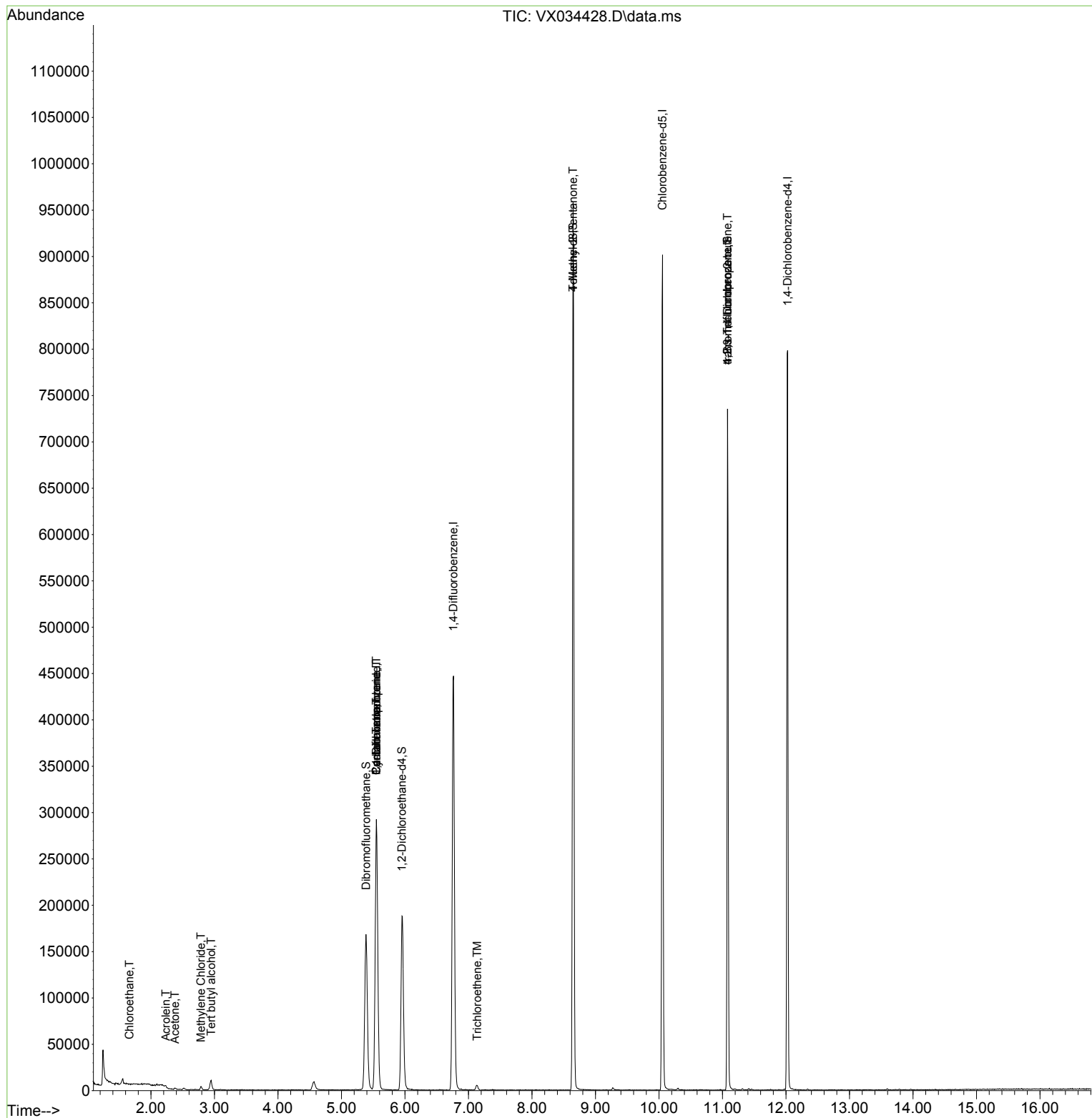
Internal Standards						
1) Pentafluorobenzene	5.550	168	278049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	463303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	178638	44.162	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	88.320%	
35) Dibromofluoromethane	5.385	113	146737	47.970	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.940%	
50) Toluene-d8	8.647	98	553888	48.505	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.000%	
62) 4-Bromofluorobenzene	11.079	95	185715	40.263	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	80.520%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	678	Below Cal	#	86
6) Chloroethane	1.660	64	443	0.218	ug/l	99
11) Tert butyl alcohol	2.947	59	5893	6.996	ug/l #	74
13) Acrolein	2.233	56	305	0.458	ug/l #	72
16) Acetone	2.380	43	1822	0.956	ug/l	100
20) Methylene Chloride	2.788	84	1398	0.378	ug/l #	84
31) Cyclohexane	5.550	56	6265	1.104	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21285	4.530	ug/l #	51
38) Carbon Tetrachloride	5.550	117	27359	5.853	ug/l #	17
44) Trichloroethene	7.135	130	2392	0.670	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	2841	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	95615	24.848	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	95615	67.221	ug/l #	8

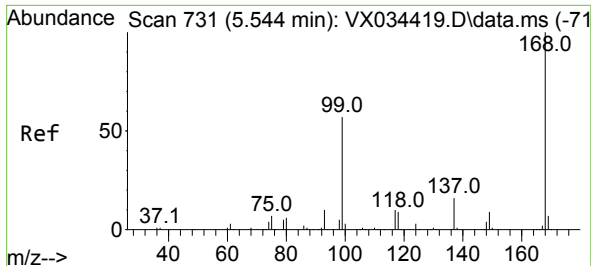
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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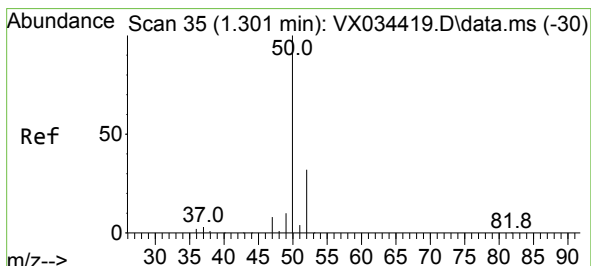
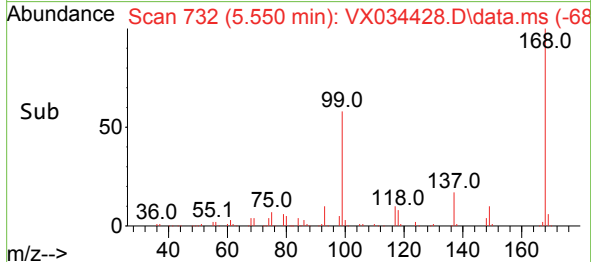
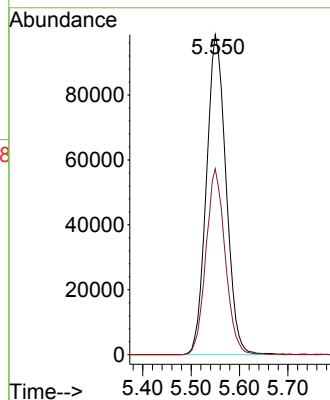
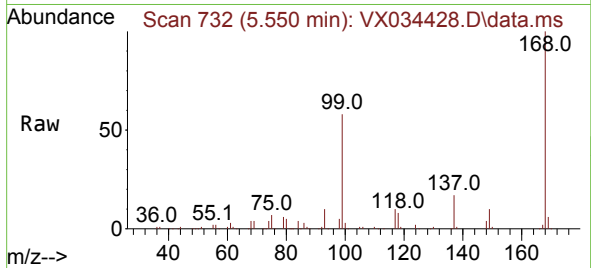




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

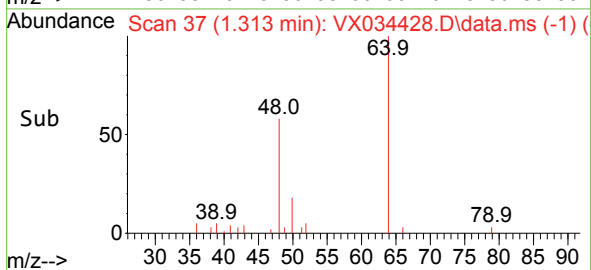
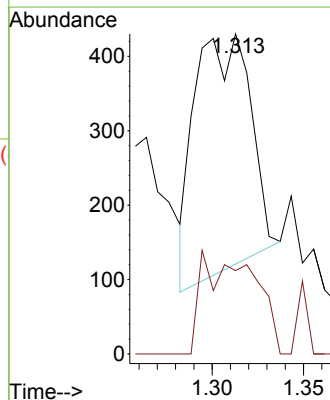
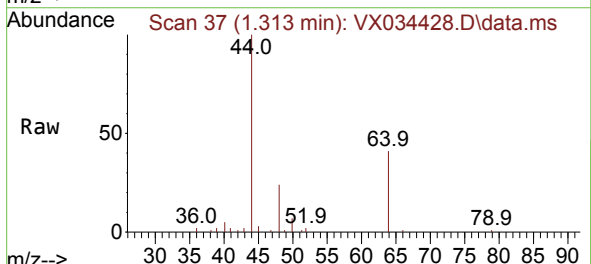
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230308

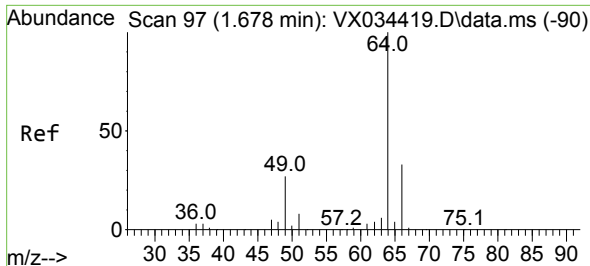
Tgt Ion:168 Resp: 278049
Ion Ratio Lower Upper
168 100
99 58.1 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

Tgt Ion: 50 Resp: 678
Ion Ratio Lower Upper
50 100
52 40.1 25.9 38.9#

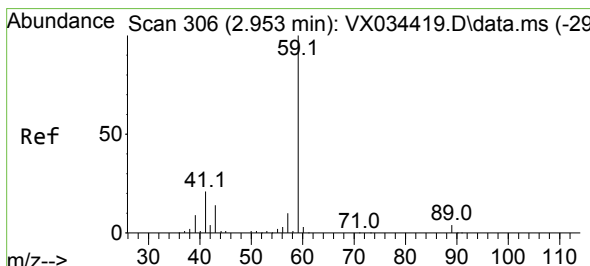
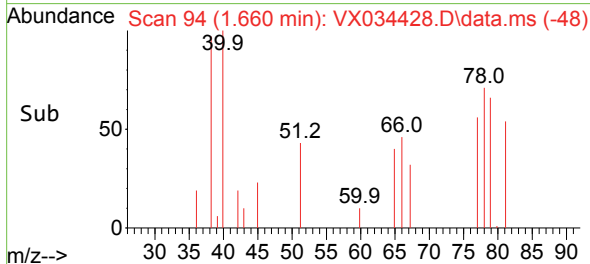
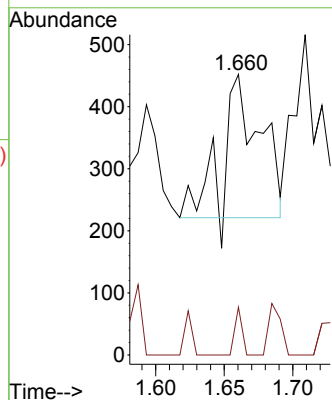
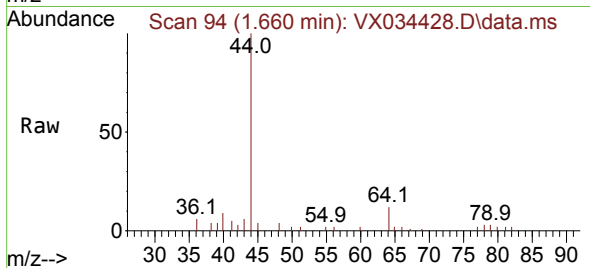




#6
Chloroethane
Concen: 0.218 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

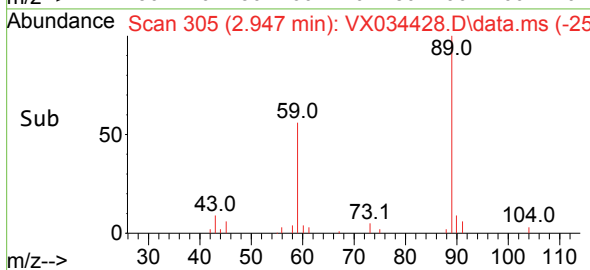
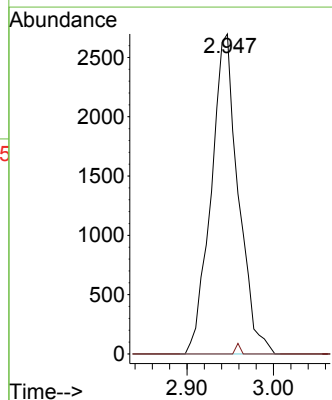
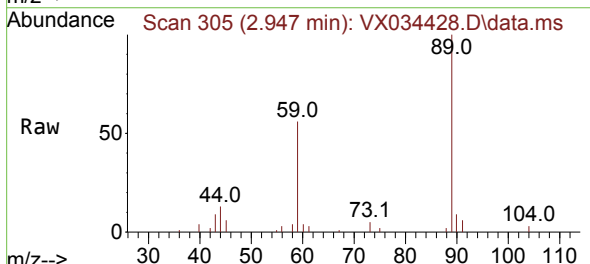
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230308

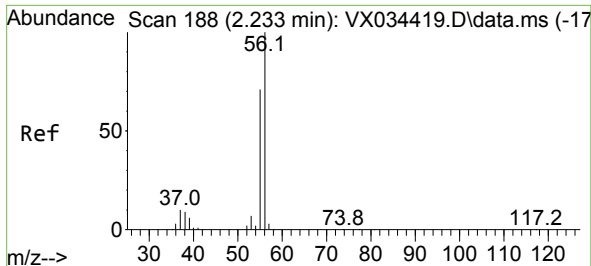
Tgt Ion: 64 Resp: 443
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4



#11
Tert butyl alcohol
Concen: 6.996 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

Tgt Ion: 59 Resp: 5893
Ion Ratio Lower Upper
59 100
57 0.6 8.1 12.1#

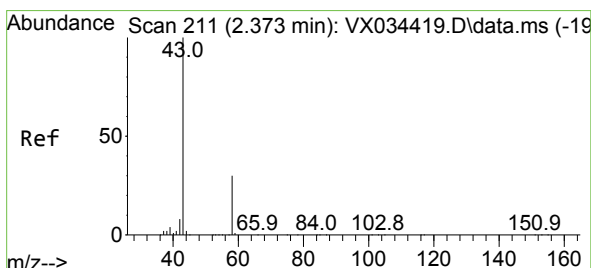
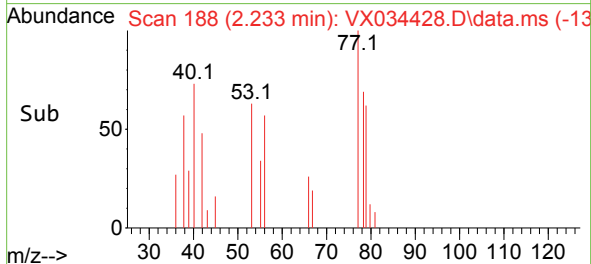
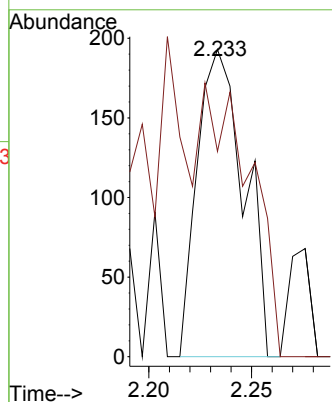
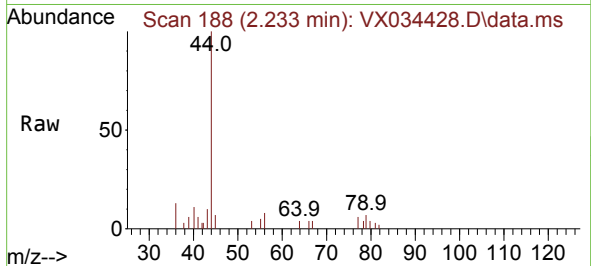




#13
Acrolein
Concen: 0.458 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

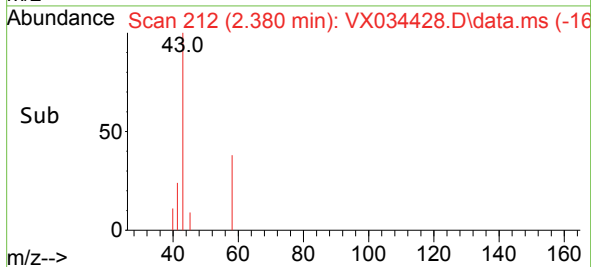
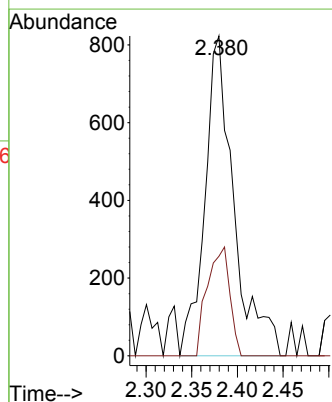
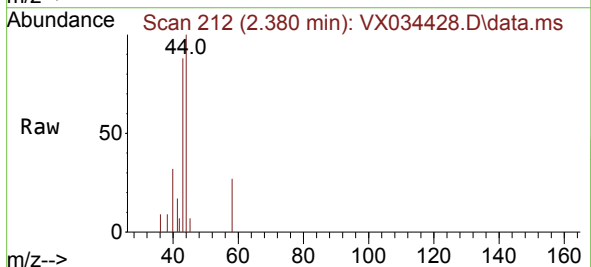
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230308

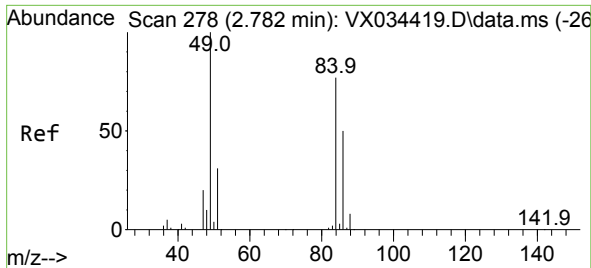
Tgt Ion: 56 Resp: 305
Ion Ratio Lower Upper
56 100
55 93.8 56.6 85.0#



#16
Acetone
Concen: 0.956 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

Tgt Ion: 43 Resp: 1822
Ion Ratio Lower Upper
43 100
58 31.1 24.7 37.1

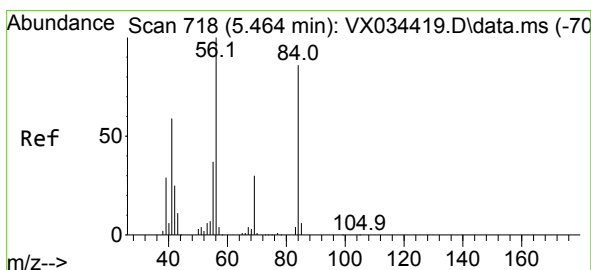
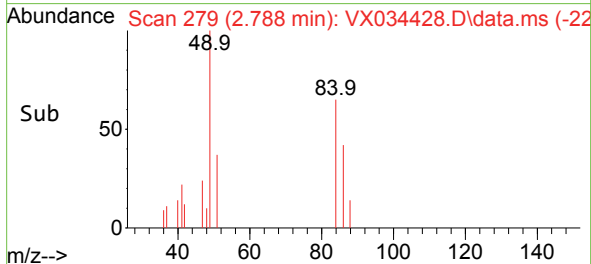
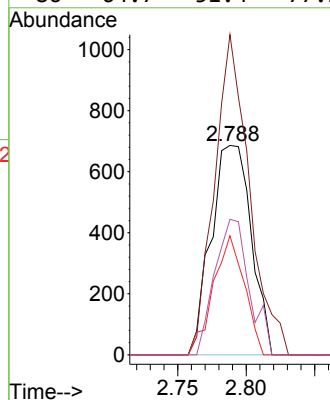
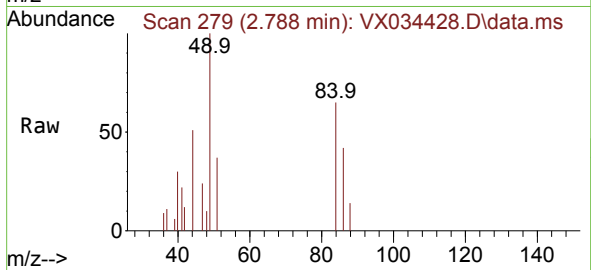




#20
Methylene Chloride
Concen: 0.378 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

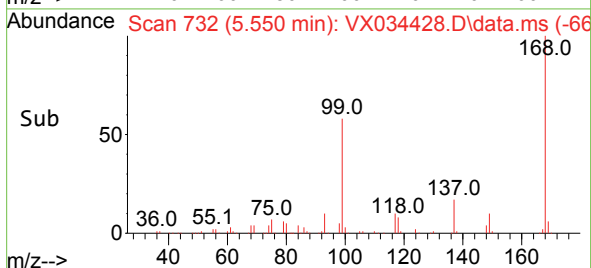
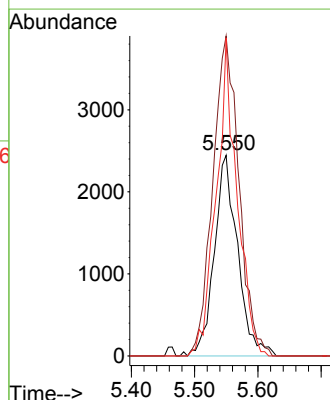
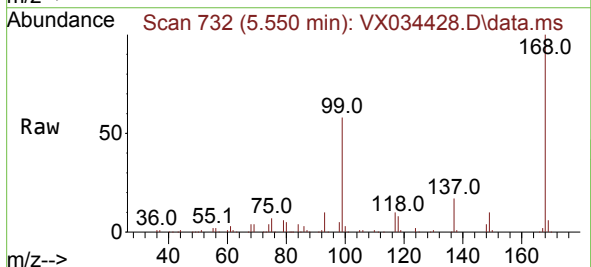
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230308

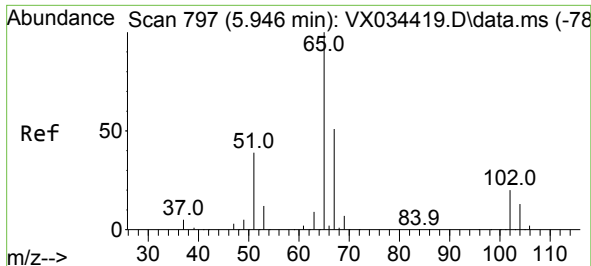
Tgt Ion:	84	Resp:	1398
Ion	Ratio	Lower	Upper
84	100		
49	152.9	103.8	155.8
51	56.9	31.8	47.8#
86	64.7	51.4	77.2



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

Tgt Ion:	56	Resp:	6265
Ion	Ratio	Lower	Upper
56	100		
69	159.4	23.7	35.5#
84	158.4	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 44.162 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034428.D

Acq: 13 Mar 2023 13:27

Instrument :

MSVOA_X

ClientSampleId :

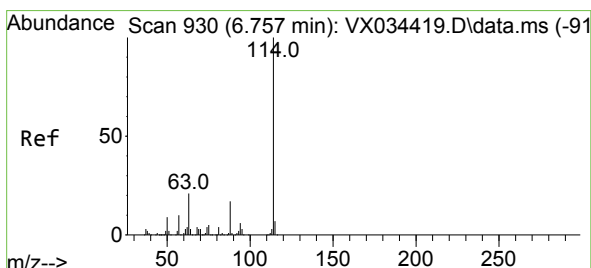
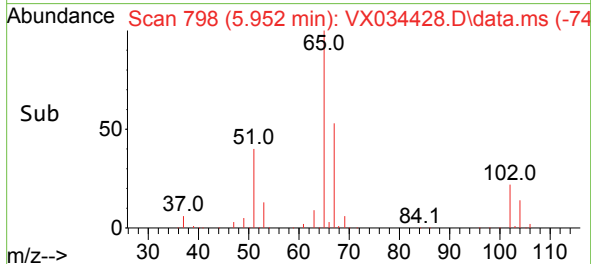
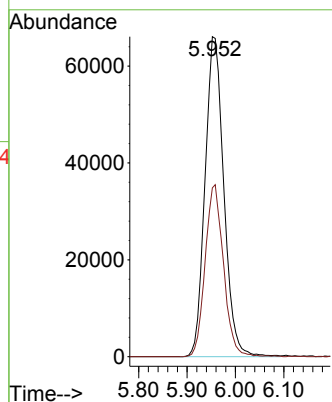
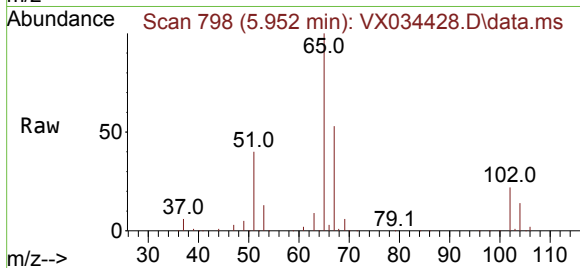
DUP02-20230308

Tgt Ion: 65 Resp: 178638

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034428.D

Acq: 13 Mar 2023 13:27

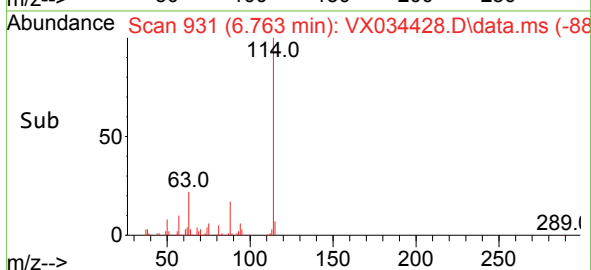
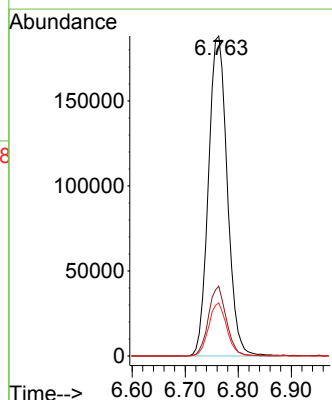
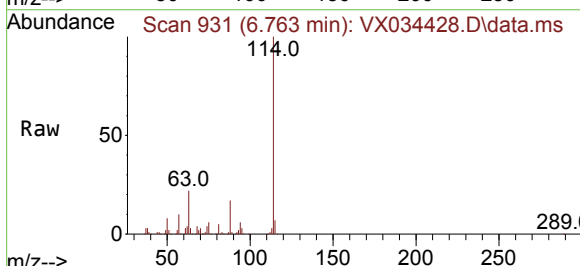
Tgt Ion: 114 Resp: 463303

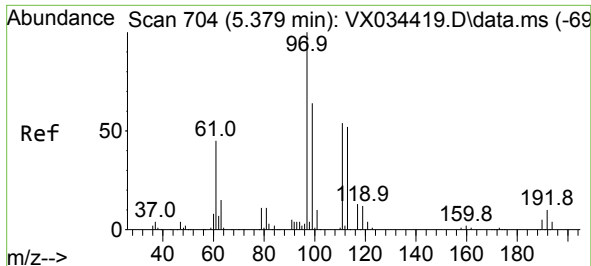
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

88 16.5 0.0 33.2

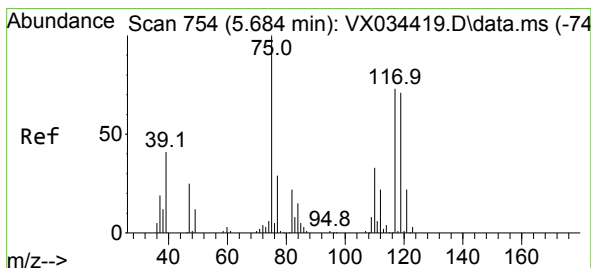
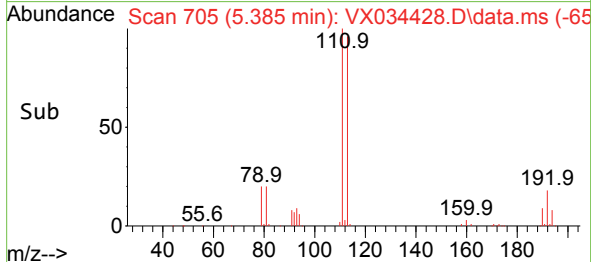
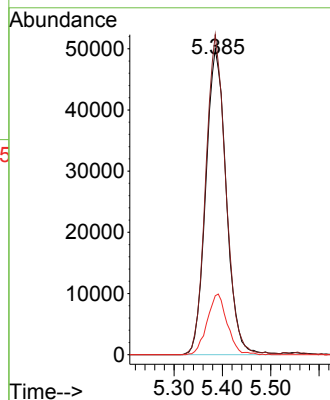
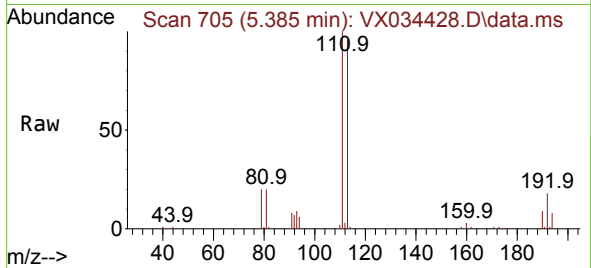




#35
Dibromofluoromethane
Concen: 47.970 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

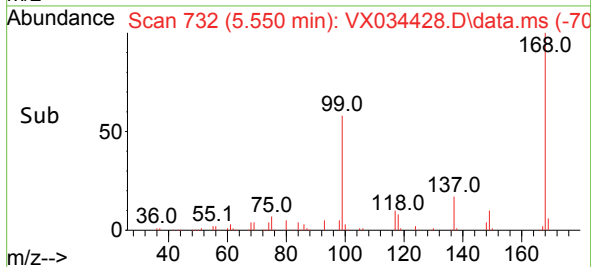
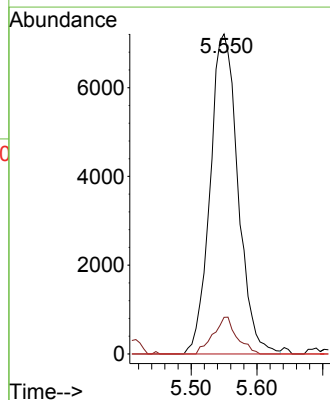
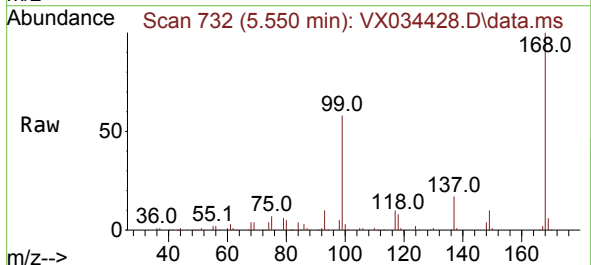
Instrument :
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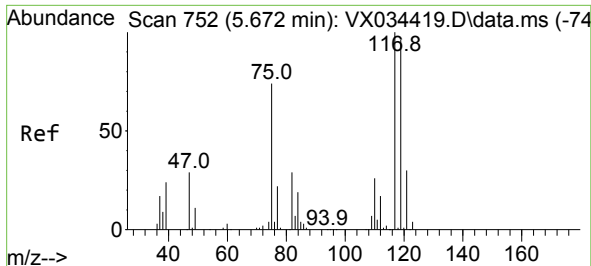
Tgt Ion:113 Resp: 146737
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 19.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.530 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

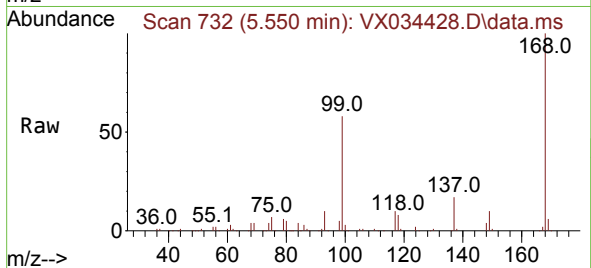
Tgt Ion: 75 Resp: 21285
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#



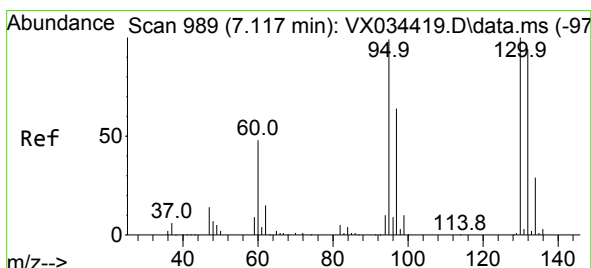
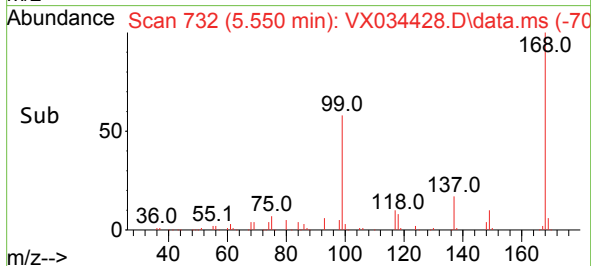
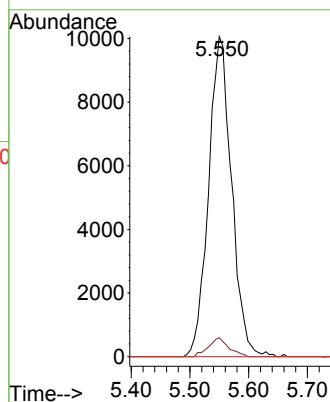


#38
Carbon Tetrachloride
Concen: 5.853 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230308

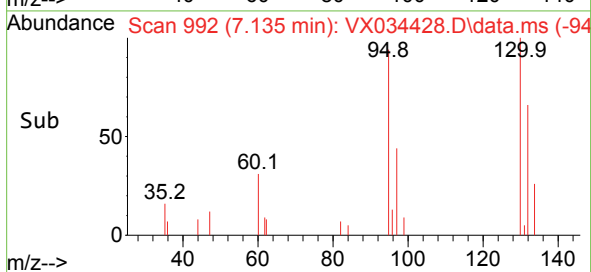
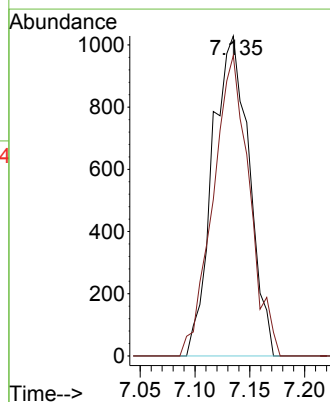
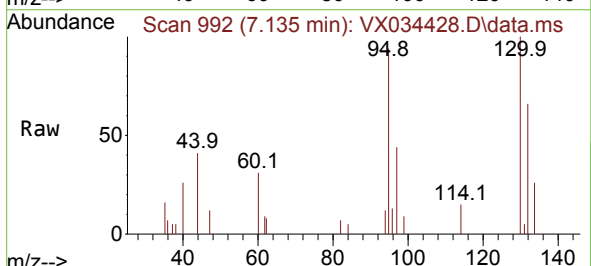


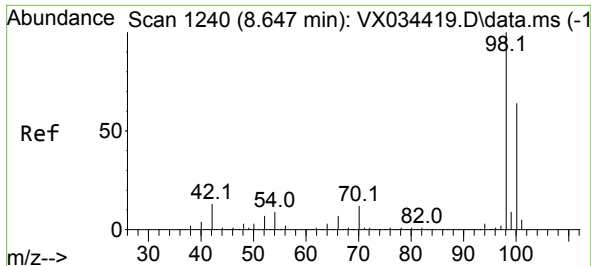
Tgt Ion:117 Resp: 27359
Ion Ratio Lower Upper
117 100
119 5.9 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.670 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.018 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

Tgt Ion:130 Resp: 2392
Ion Ratio Lower Upper
130 100
95 93.9 0.0 198.4

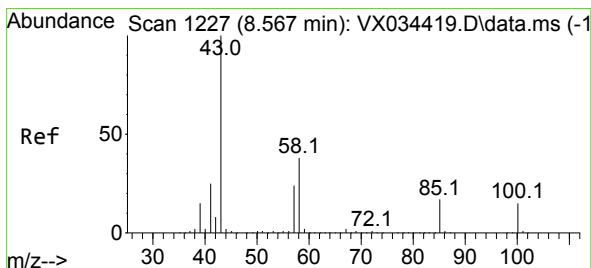
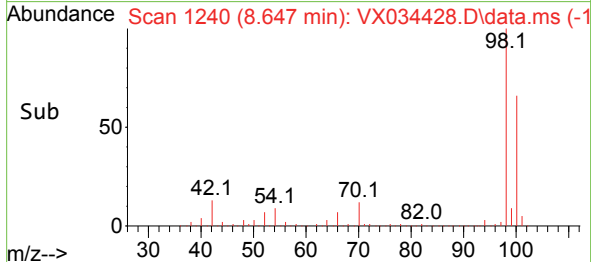
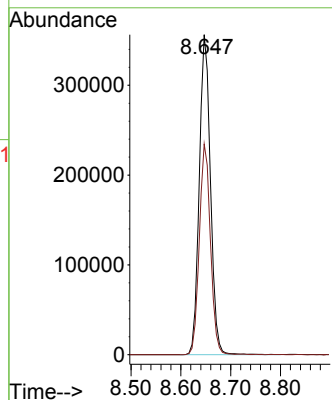
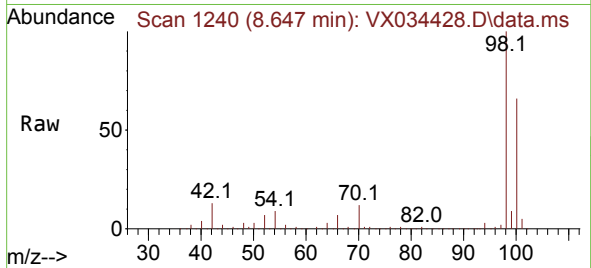




#50
Toluene-d8
Concen: 48.505 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

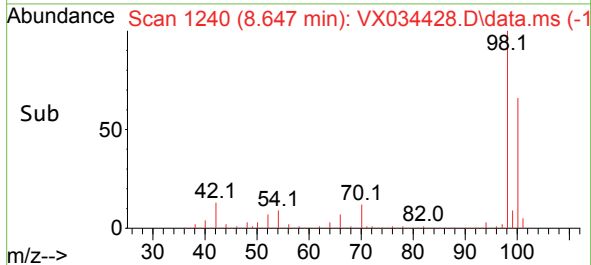
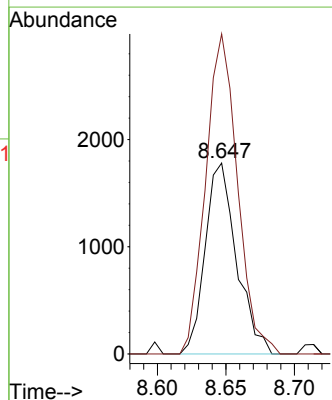
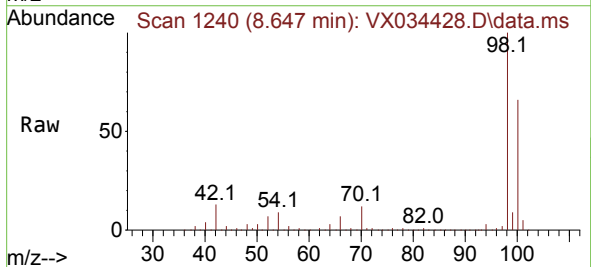
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230308

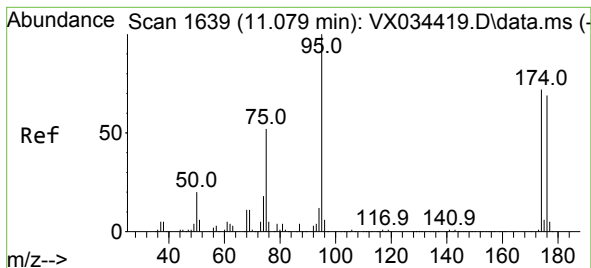
Tgt Ion: 98 Resp: 553888
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

Tgt Ion: 43 Resp: 2841
Ion Ratio Lower Upper
43 100
58 169.8 30.6 46.0#

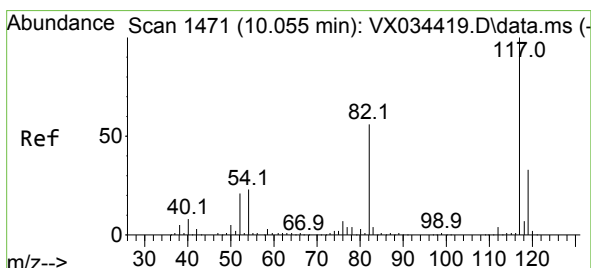
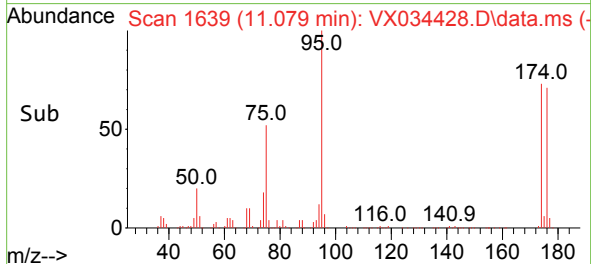
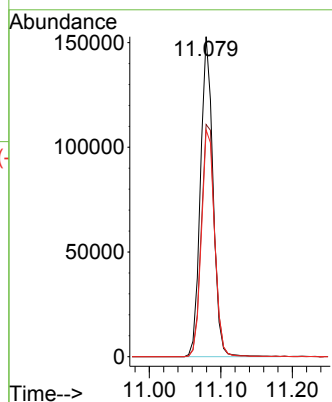
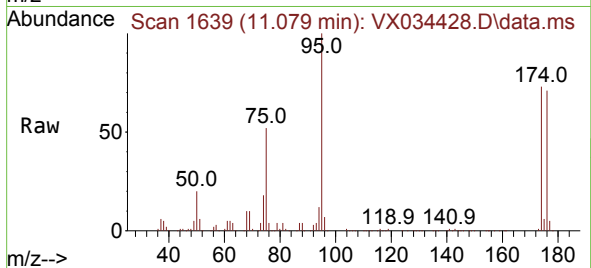




#62
4-Bromofluorobenzene
Concen: 40.263 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

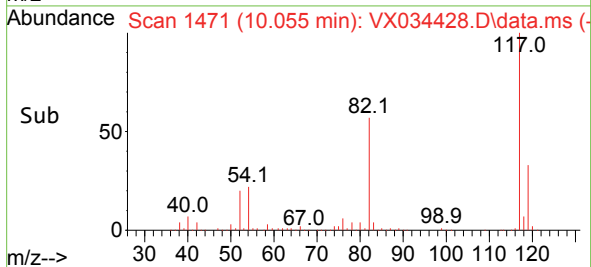
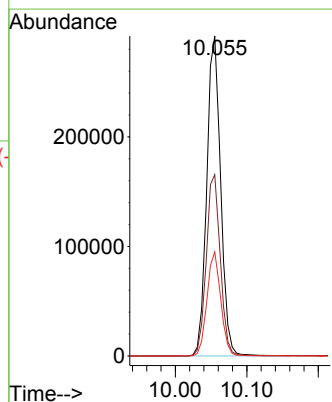
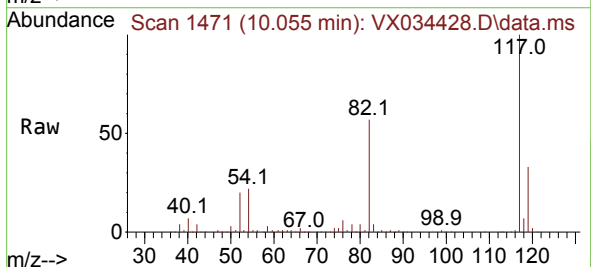
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230308

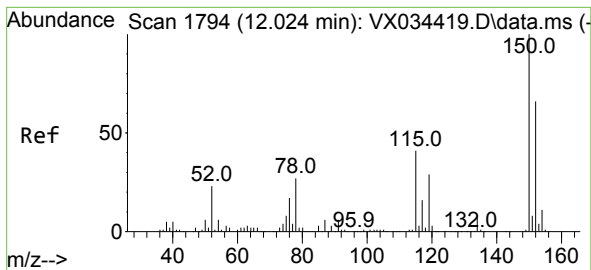
Tgt Ion: 95 Resp: 185715
Ion Ratio Lower Upper
95 100
174 77.6 0.0 147.4
176 74.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

Tgt Ion: 117 Resp: 394810
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.6 26.0 39.0

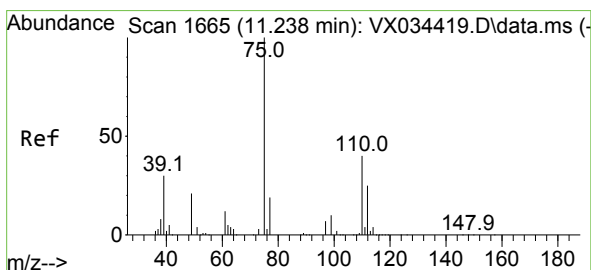
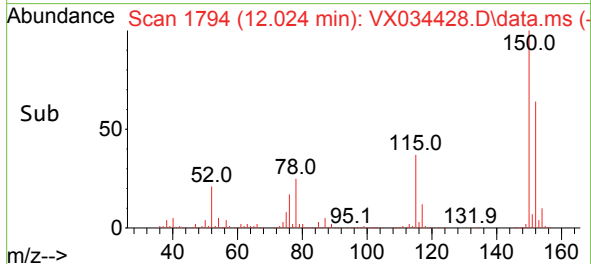
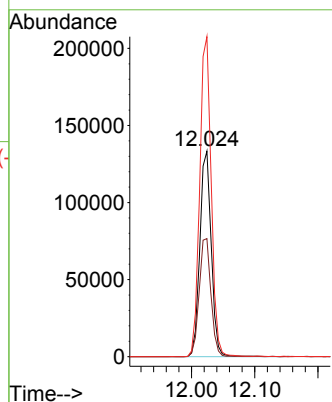
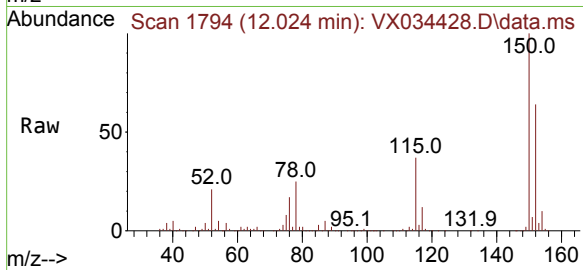




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034428.D
 Acq: 13 Mar 2023 13:27

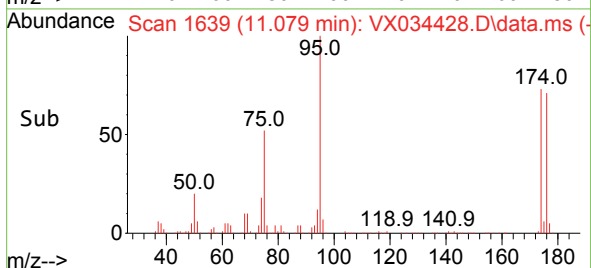
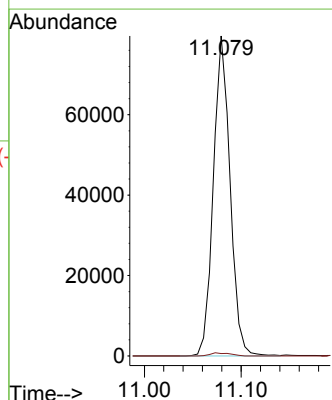
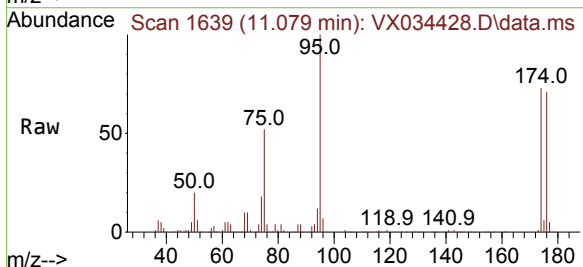
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20230308

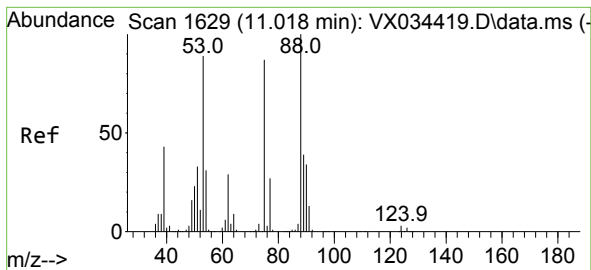
Tgt Ion:152 Resp: 167588
 Ion Ratio Lower Upper
 152 100
 115 59.4 45.0 135.0
 150 156.6 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 24.848 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034428.D
 Acq: 13 Mar 2023 13:27

Tgt Ion: 75 Resp: 95615
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.221 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034428.D
 Acq: 13 Mar 2023 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20230308

Tgt Ion: 75 Resp: 95615
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.1 36.9 55.3#

