

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037086.D
 Acq On : 18 Aug 2023 15:55
 Operator : JC/MD
 Sample : 04024-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20230815

Quant Time: Aug 19 05:19:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

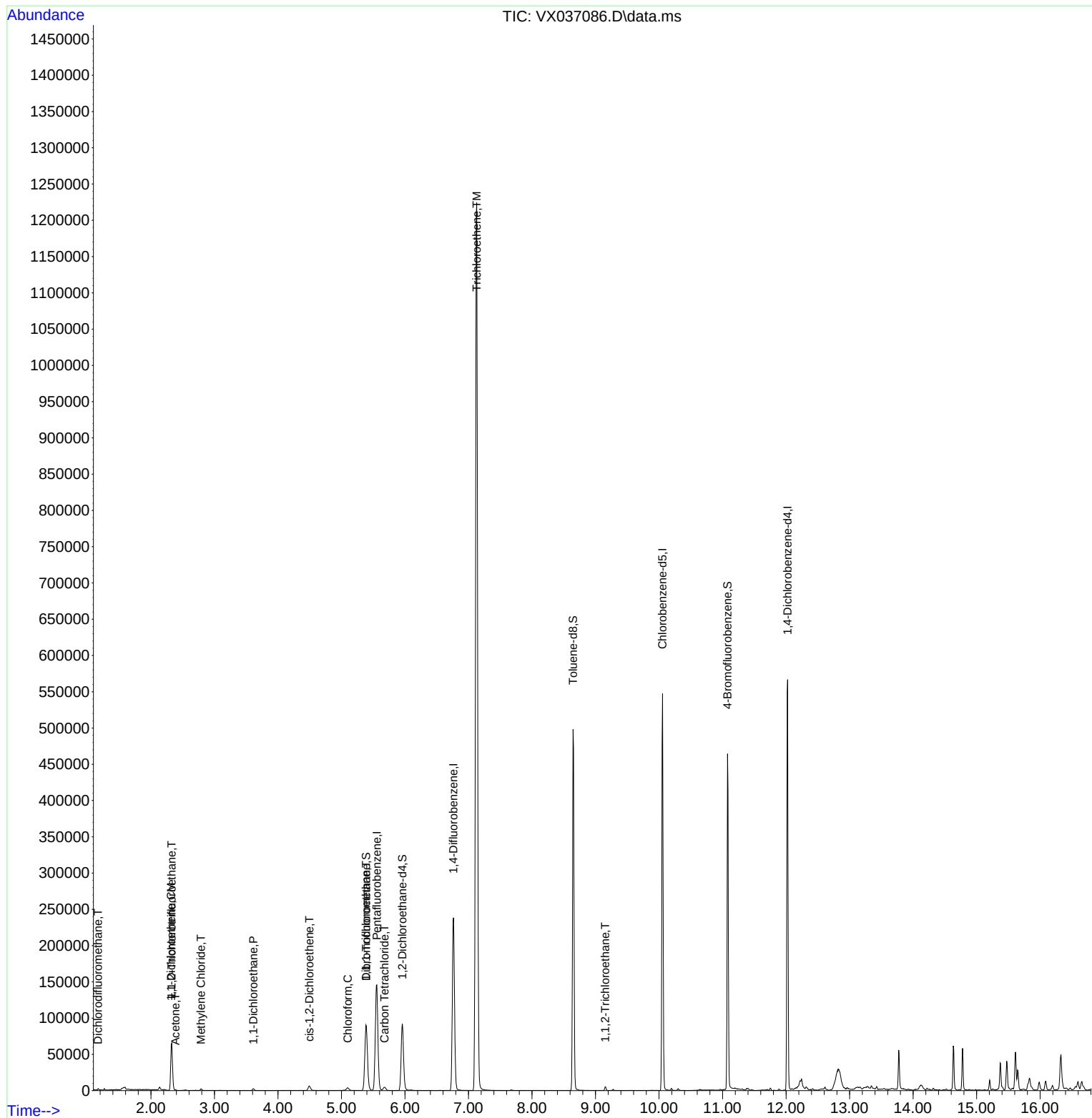
Internal Standards						
1) Pentafluorobenzene	5.556	168	136281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92627	47.145	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.280%
35) Dibromofluoromethane	5.385	113	78649	47.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.647	98	302995	50.120	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.240%
62) 4-Bromofluorobenzene	11.079	95	127162	53.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1183	0.747	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	18578	12.896	ug/l	98
12) 1,1-Dichloroethene	2.318	96	9383	6.688	ug/l	81
16) Acetone	2.386	43	823	1.071	ug/l #	81
20) Methylene Chloride	2.788	84	1086	0.632	ug/l #	82
24) 1,1-Dichloroethane	3.611	63	2740	0.981	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	4081	2.171	ug/l	84
30) Chloroform	5.098	83	4745	1.513	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	1317	0.469	ug/l #	37
38) Carbon Tetrachloride	5.678	117	4162	1.618	ug/l	94
44) Trichloroethene	7.129	130	493063	256.061	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	1668	0.913	ug/l	89

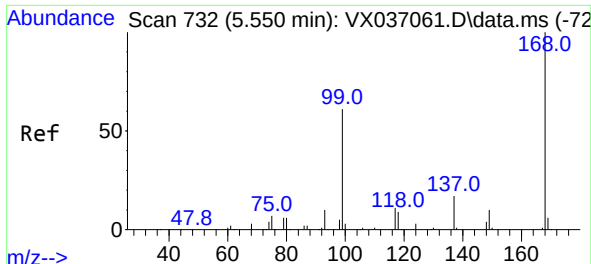
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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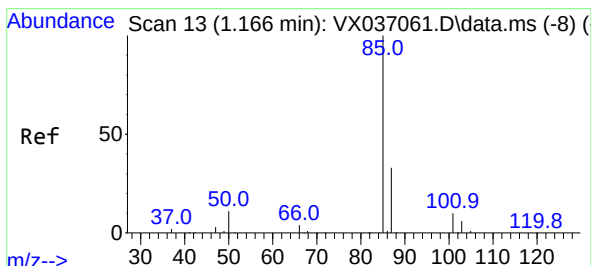
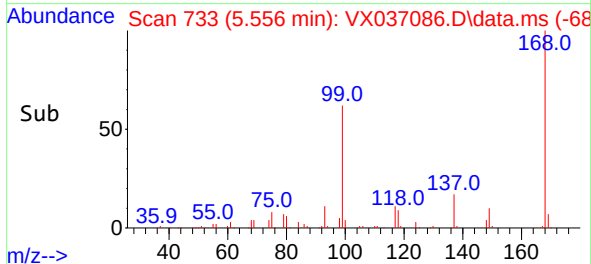
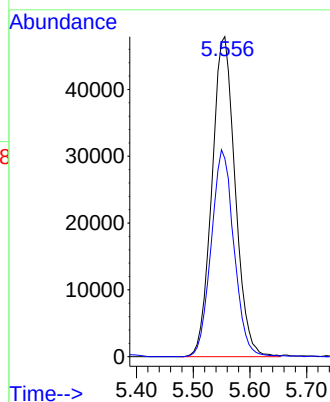
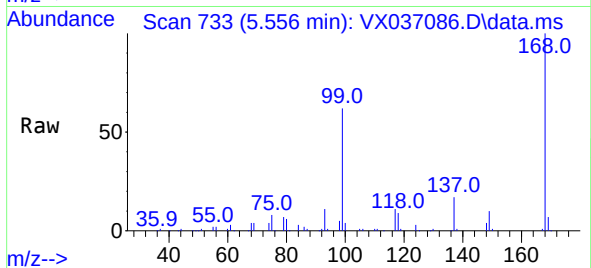




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

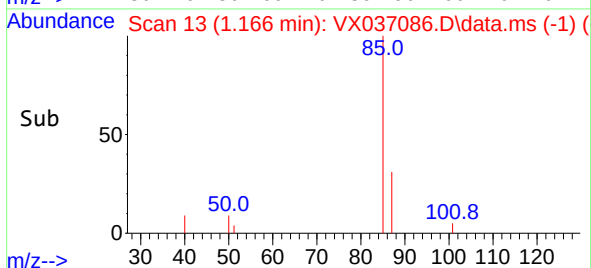
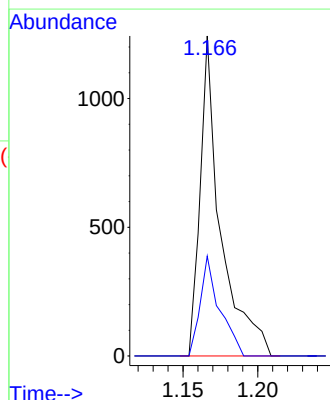
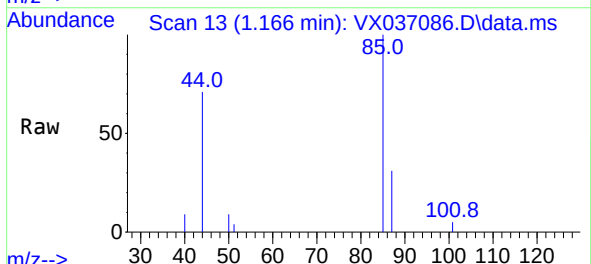
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230815

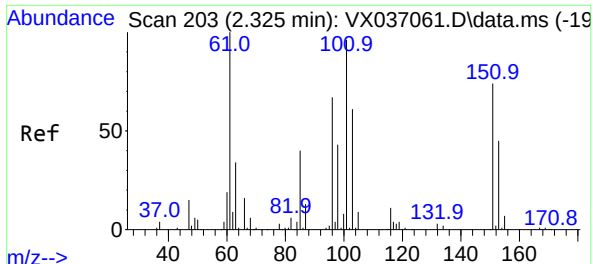
Tgt Ion:168 Resp: 136281
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.747 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

Tgt Ion: 85 Resp: 1183
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.1

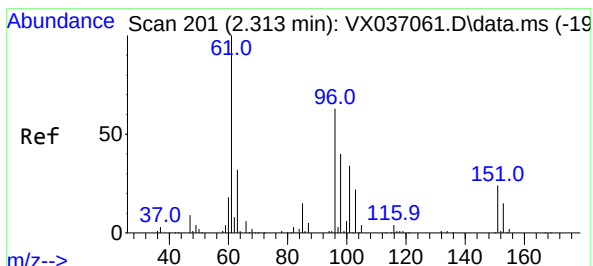
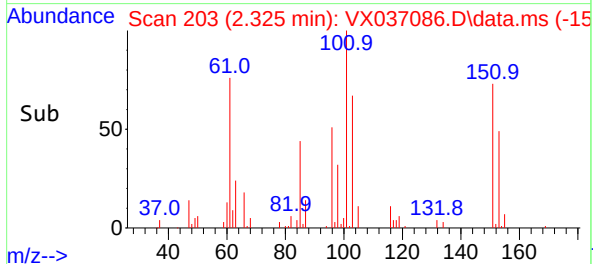
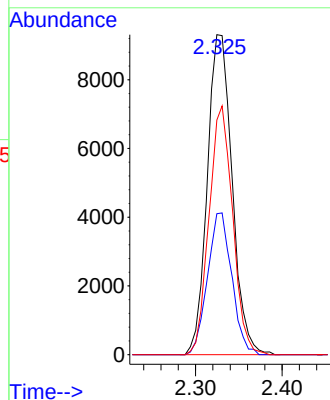
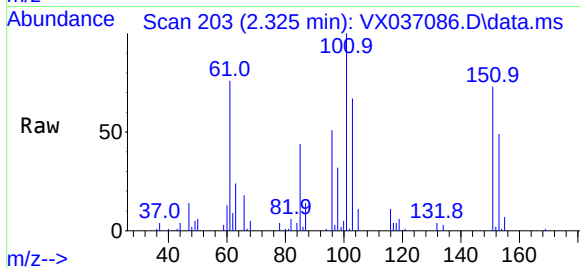




#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.896 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

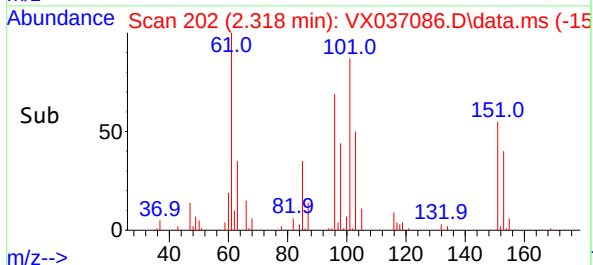
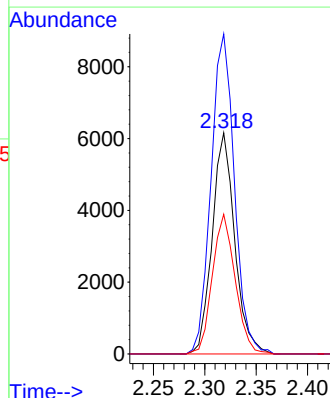
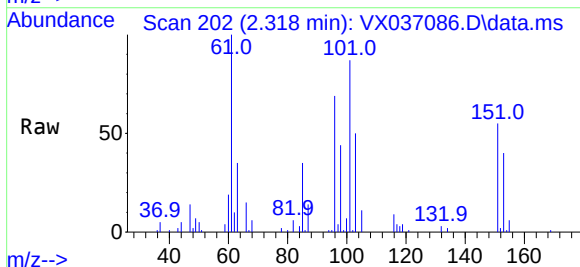
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230815

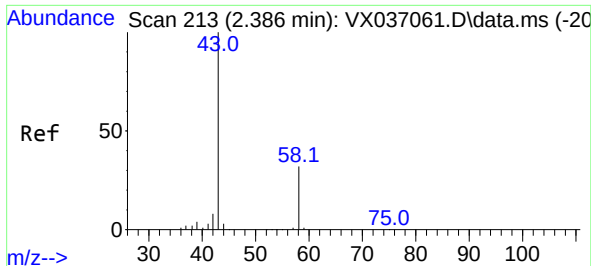
Tgt Ion:	101	Resp:	18578
Ion	Ratio	Lower	Upper
101	100		
85	43.2	37.0	55.6
151	74.0	58.6	87.8



#12
1,1-Dichloroethene
Concen: 6.688 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

Tgt Ion:	96	Resp:	9383
Ion	Ratio	Lower	Upper
96	100		
61	144.8	144.6	216.8
98	63.2	50.4	75.6

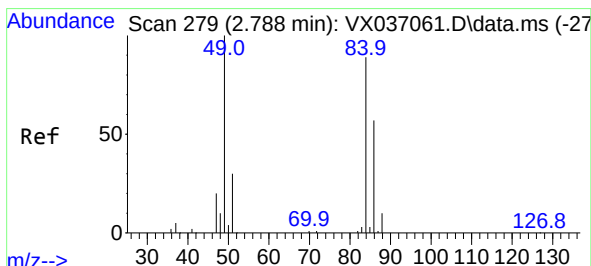
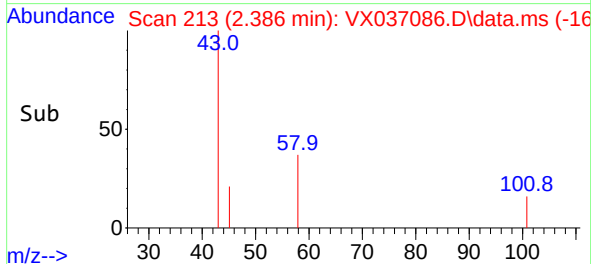
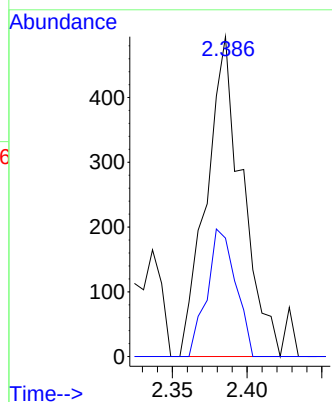
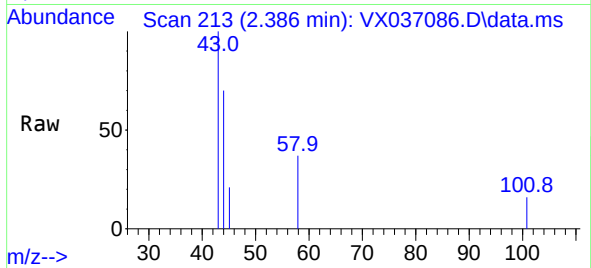




#16
Acetone
Concen: 1.071 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

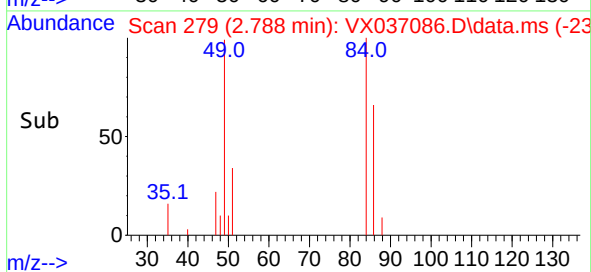
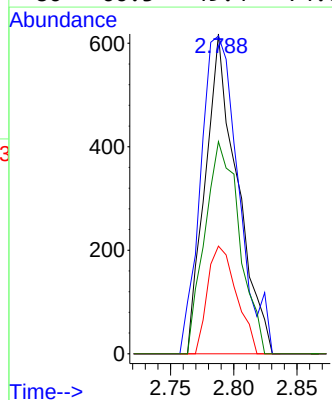
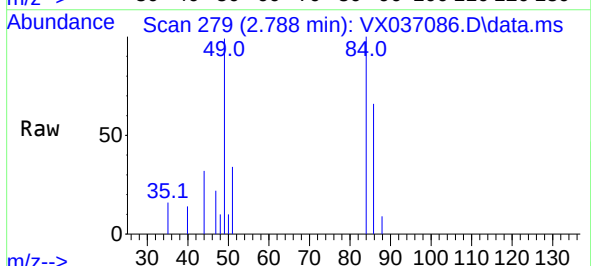
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230815

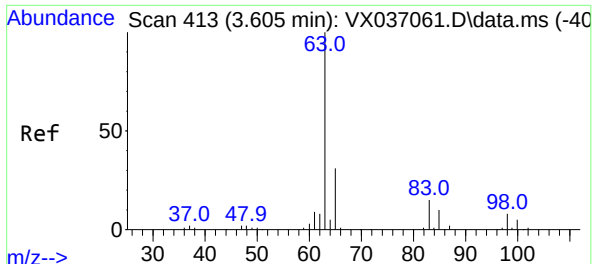
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 37.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.632 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

Tgt Ion: 84 Resp: 1086
Ion Ratio Lower Upper
84 100
49 99.4 103.6 155.4#
51 33.7 33.8 50.6#
86 66.3 49.4 74.0

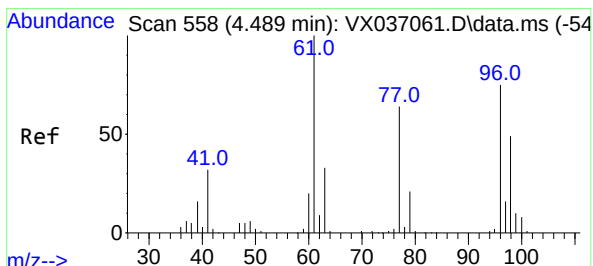
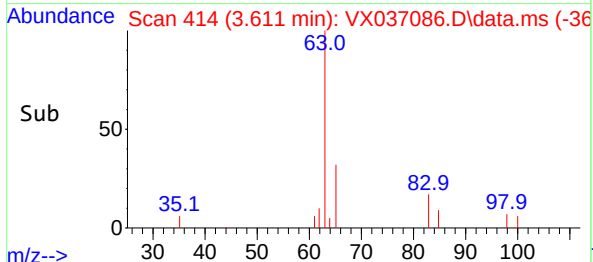
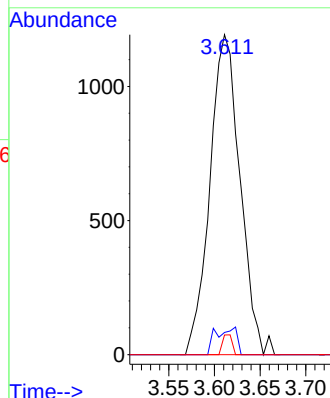
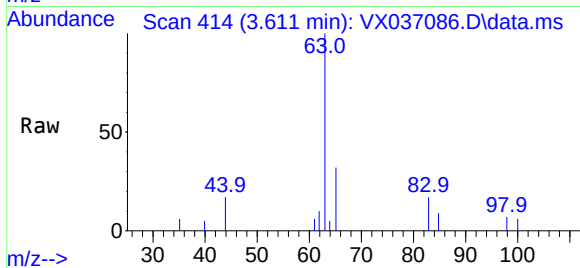




#24
1,1-Dichloroethane
Concen: 0.981 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

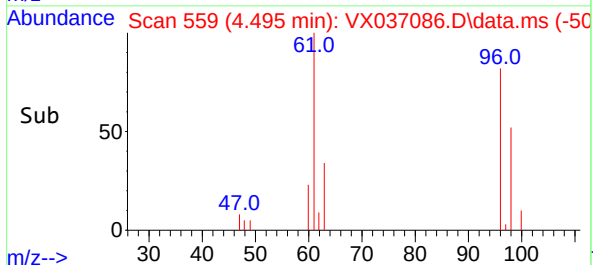
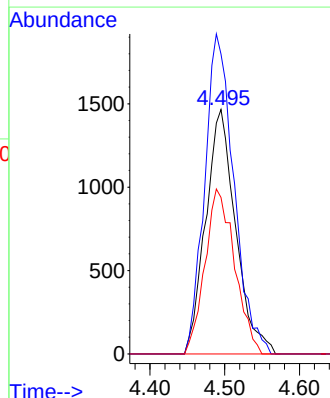
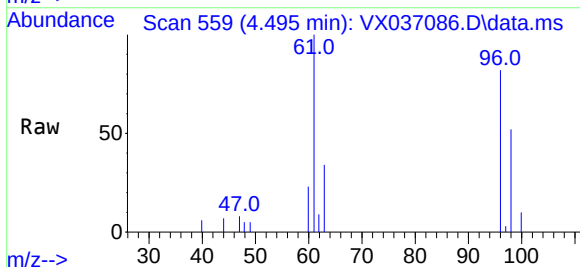
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230815

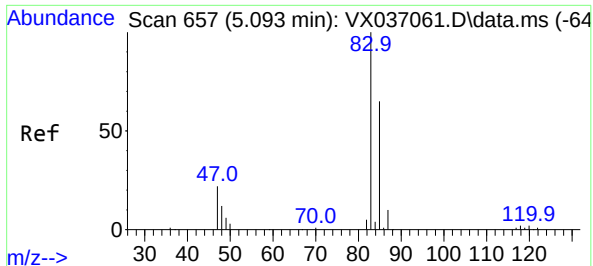
Tgt Ion: 63	Resp: 2740
Ion Ratio	Lower Upper
63 100	
98 7.0	3.3 9.8
100 6.1	2.1 6.5



#27
cis-1,2-Dichloroethene
Concen: 2.171 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

Tgt Ion: 96	Resp: 4081
Ion Ratio	Lower Upper
96 100	
61 127.6	0.0 312.2
98 66.8	0.0 129.0

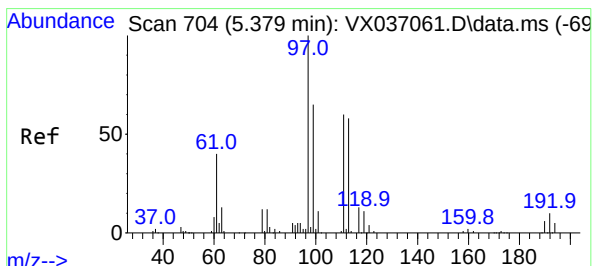
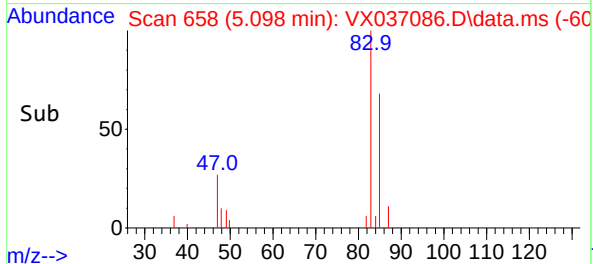
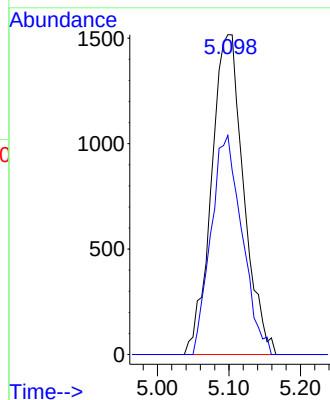
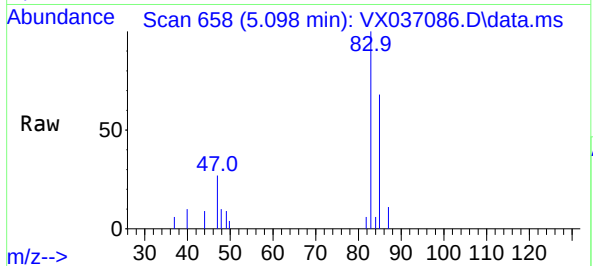




#30
Chloroform
Concen: 1.513 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

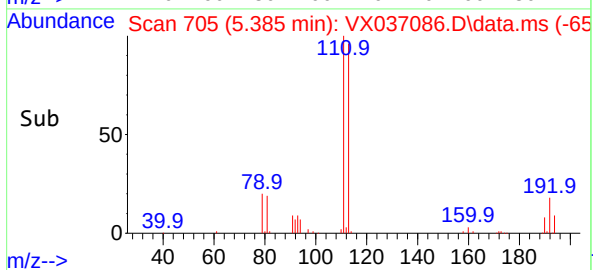
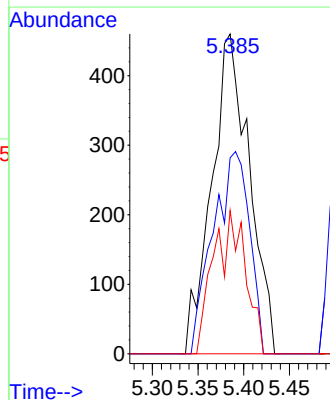
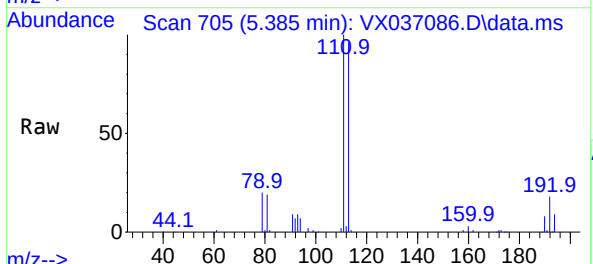
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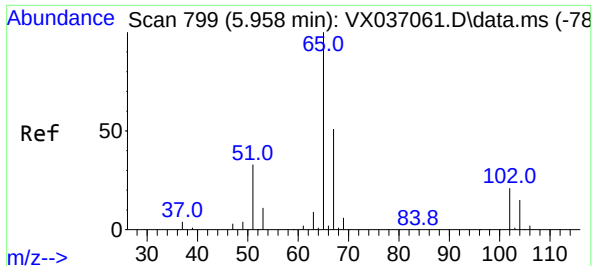
Tgt Ion: 83 Resp: 4745
Ion Ratio Lower Upper
83 100
85 68.5 50.3 75.5



#32
1,1,1-Trichloroethane
Concen: 0.469 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

Tgt Ion: 97 Resp: 1317
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 21.5 36.4 54.6#

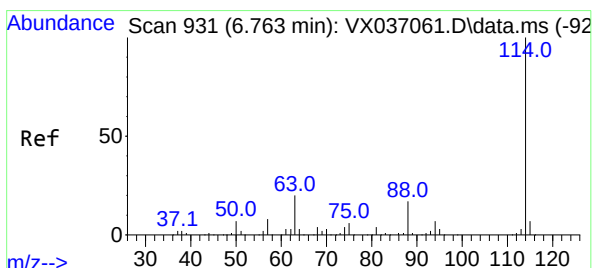
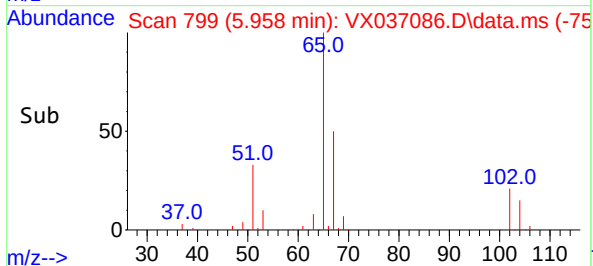
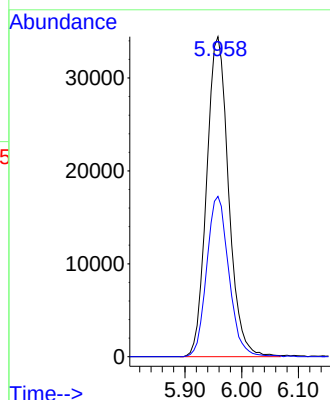
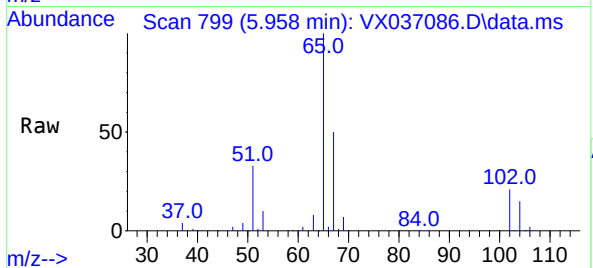




#33
1,2-Dichloroethane-d4
Concen: 47.145 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

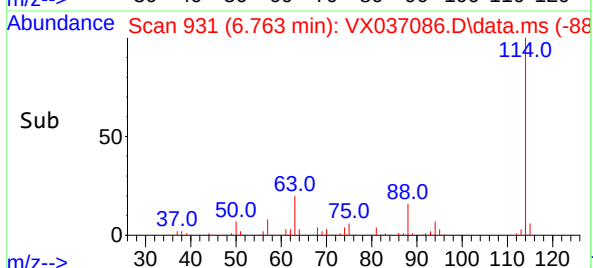
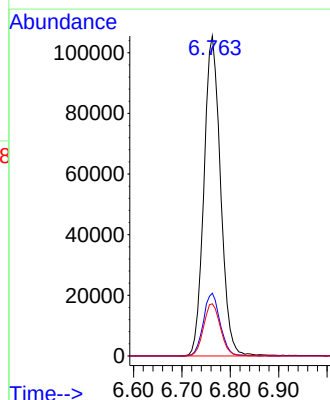
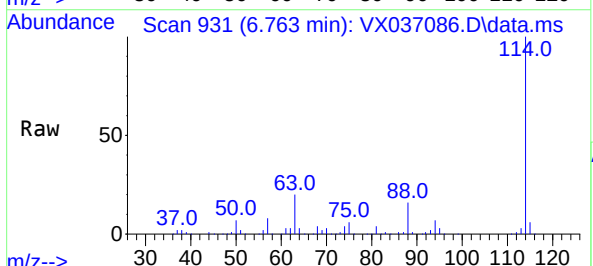
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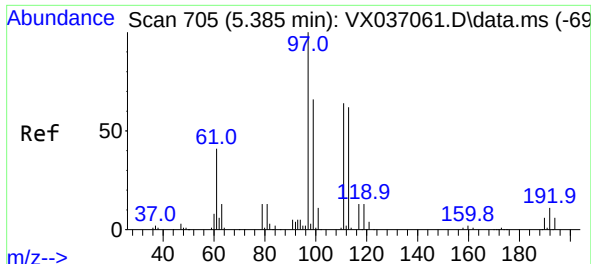
Tgt Ion: 65 Resp: 92627
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

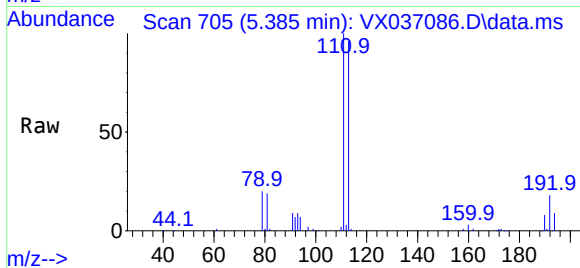
Tgt Ion:114 Resp: 251647
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 16.3 0.0 36.6



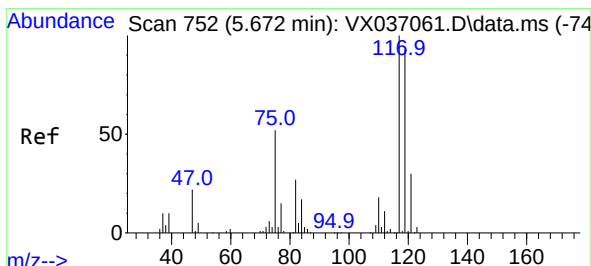
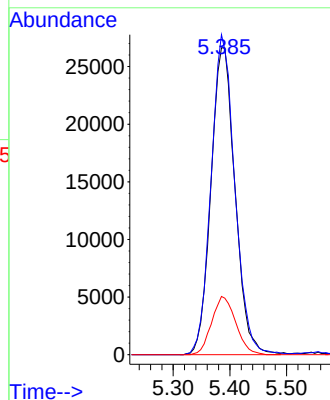
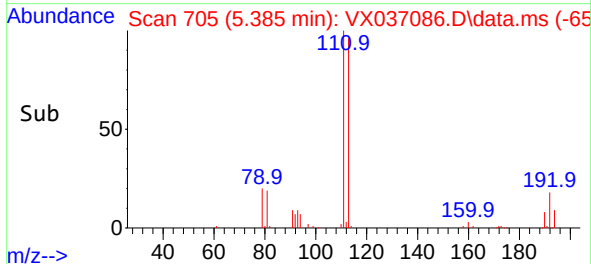


#35
Dibromofluoromethane
Concen: 47.191 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

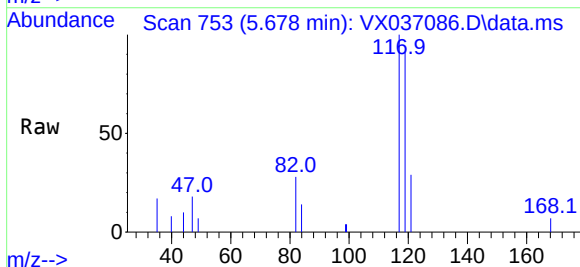
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230815



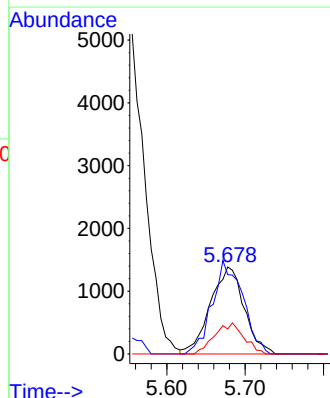
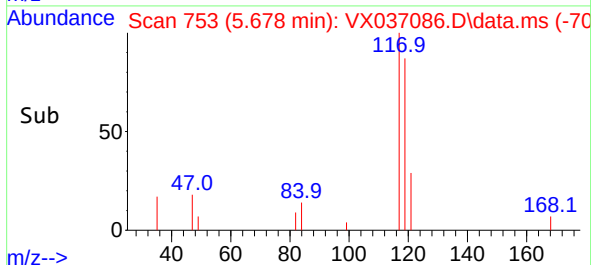
Tgt Ion:113 Resp: 78649
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.9 13.3 19.9

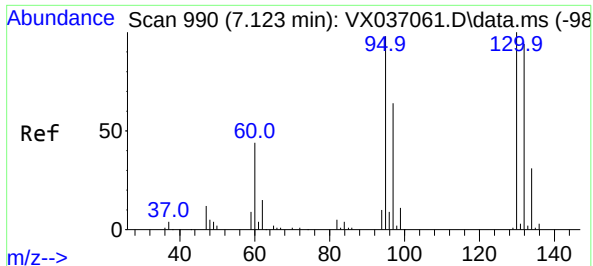


#38
Carbon Tetrachloride
Concen: 1.618 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55



Tgt Ion:117 Resp: 4162
Ion Ratio Lower Upper
117 100
119 91.3 78.2 117.2
121 28.7 24.4 36.6

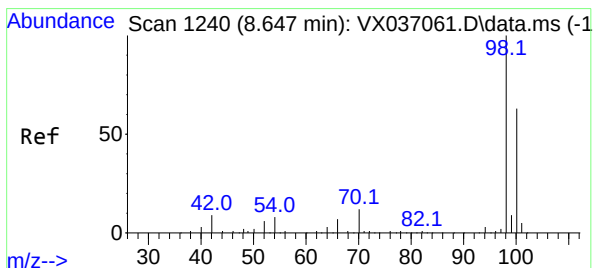
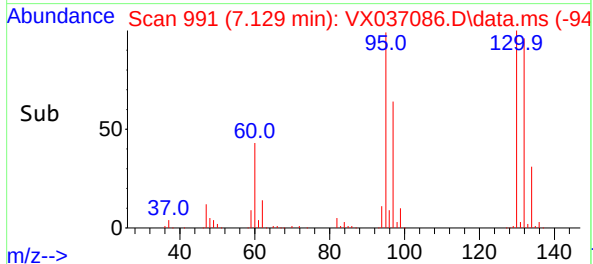
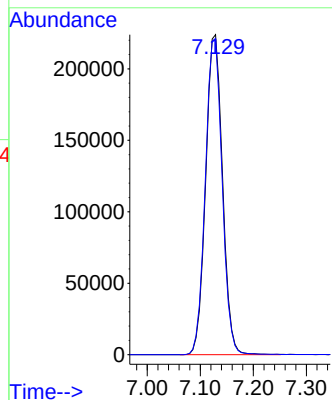
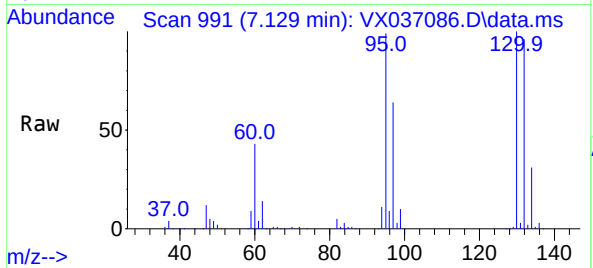




#44
Trichloroethene
Concen: 256.061 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

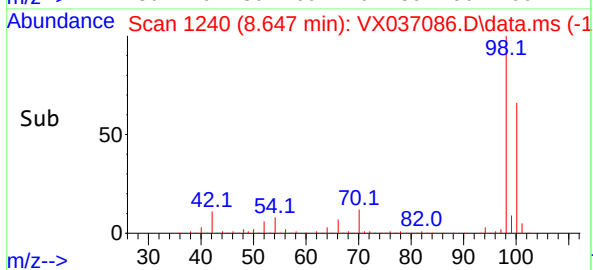
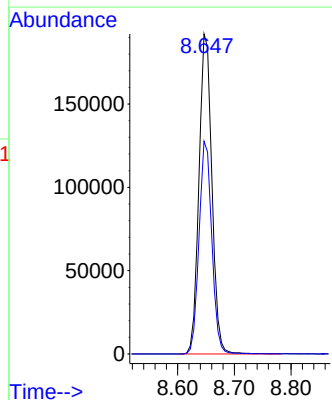
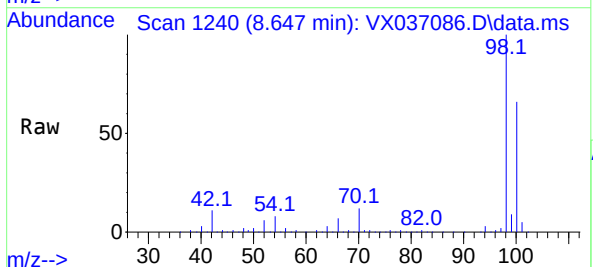
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230815

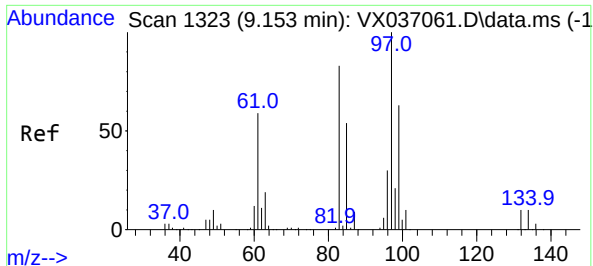
Tgt Ion:130 Resp: 493063
Ion Ratio Lower Upper
130 100
95 98.8 0.0 204.4



#50
Toluene-d8
Concen: 50.120 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

Tgt Ion: 98 Resp: 302995
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

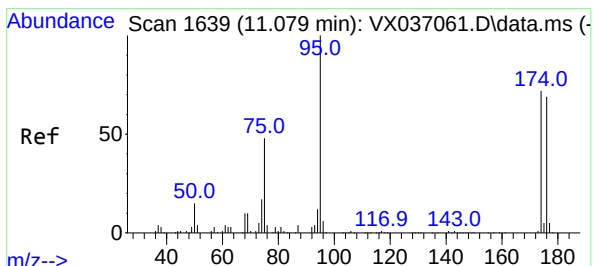
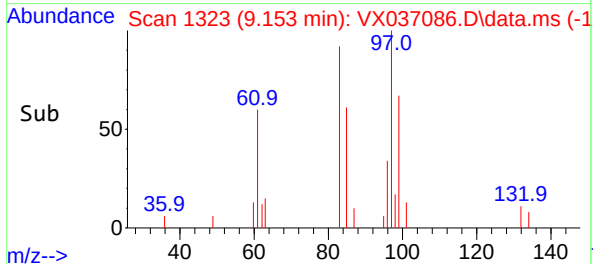
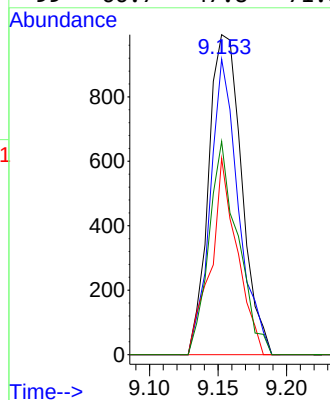
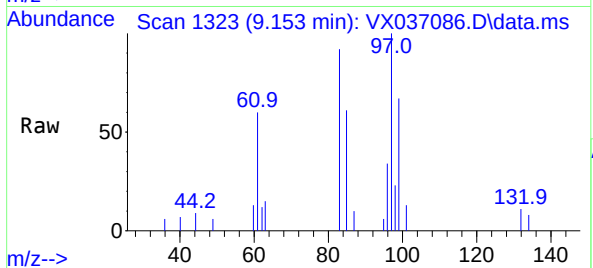




#55
1,1,2-Trichloroethane
Concen: 0.913 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

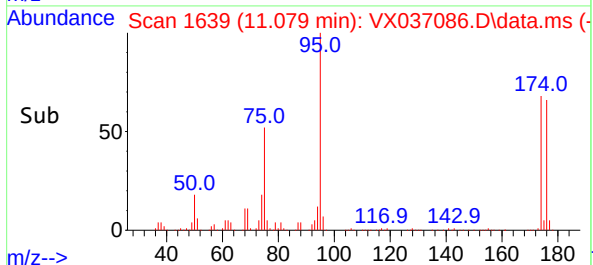
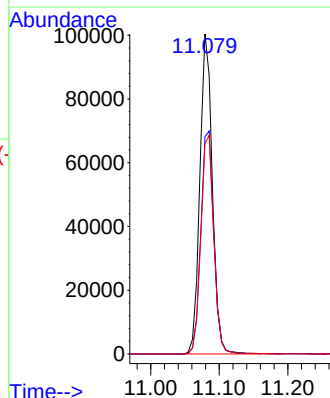
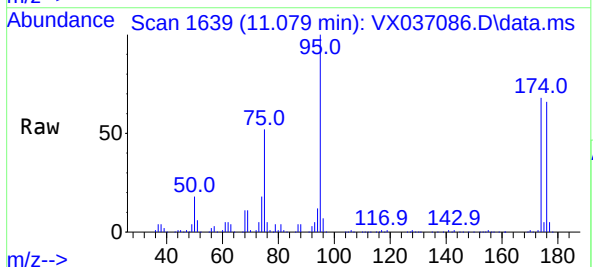
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230815

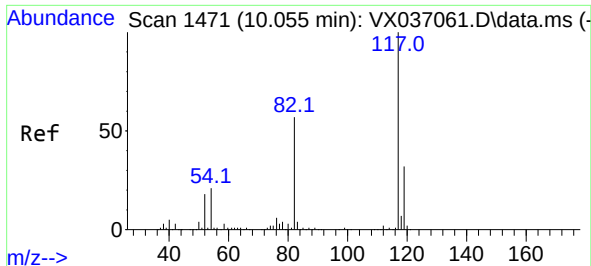
Tgt Ion: 97	Resp: 1668
Ion Ratio	Lower Upper
97 100	
83 92.3	65.8 98.8
85 61.3	41.6 62.4
99 66.7	47.8 71.8



#62
4-Bromofluorobenzene
Concen: 53.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

Tgt Ion: 95	Resp: 127162
Ion Ratio	Lower Upper
95 100	
174 73.0	0.0 135.6
176 70.7	0.0 131.0

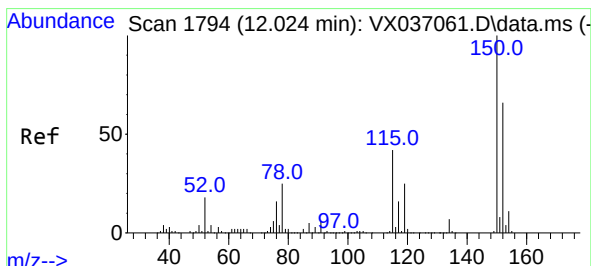
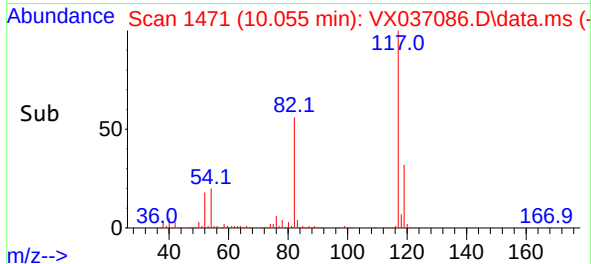
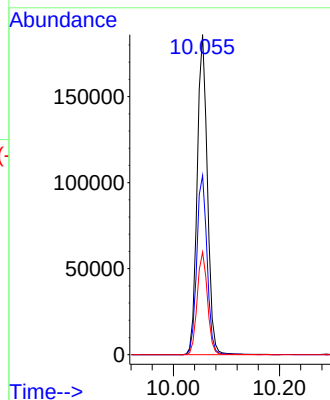
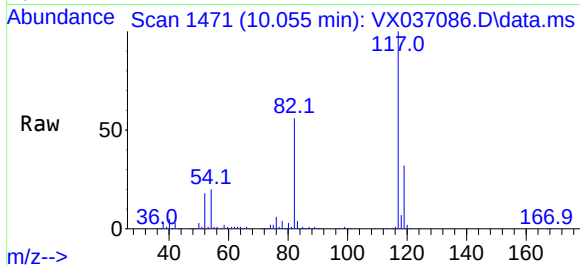




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037086.D
Acq: 18 Aug 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230815

Tgt Ion:117 Resp: 247838
Ion Ratio Lower Upper
117 100
82 56.0 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: VX037086.D
Acq: 18 Aug 2023 15:55

Tgt Ion:152 Resp: 117239
Ion Ratio Lower Upper
152 100
115 65.0 43.3 129.9
150 160.4 0.0 345.0

