

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035714.D
 Acq On : 17 May 2023 13:38
 Operator : JC/MD
 Sample : 02812-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WG-0516-B3-GW

Quant Time: May 18 04:40:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

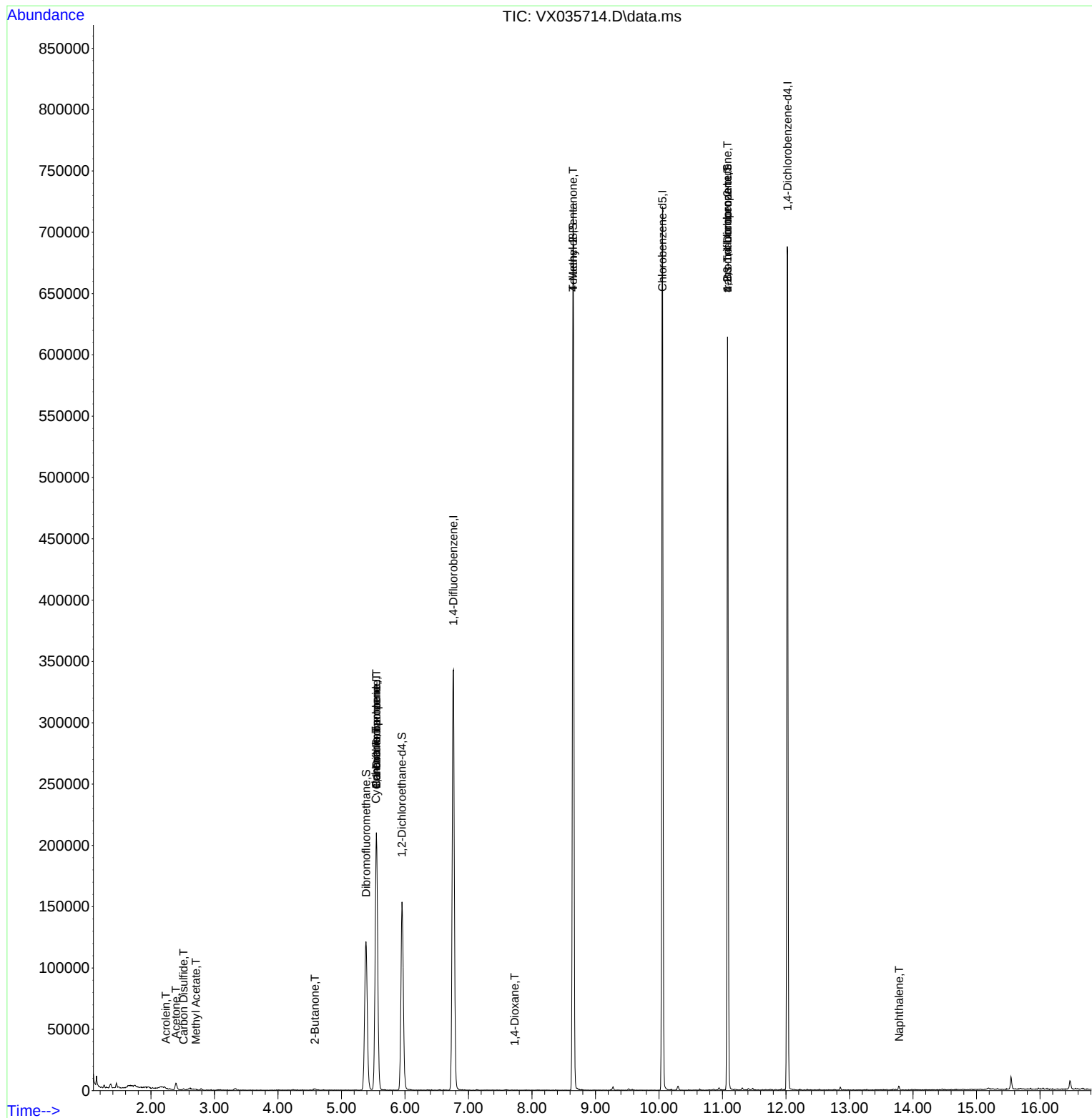
Internal Standards						
1) Pentafluorobenzene	5.550	168	174071	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	327726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	299321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151351	49.840	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.680%
35) Dibromofluoromethane	5.385	113	106584	48.224	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.440%
50) Toluene-d8	8.647	98	397649	48.702	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.079	95	161383	49.089	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.180%
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	142	0.223	ug/l	# 70
16) Acetone	2.392	43	7338	5.622	ug/l	93
17) Carbon Disulfide	2.514	76	1180	0.252	ug/l	# 75
18) Methyl Acetate	2.709	43	989	0.205	ug/l	# 53
25) 2-Butanone	4.581	43	1663	0.920	ug/l	100
31) Cyclohexane	5.544	56	5230	1.363	ug/l	# 13
36) 1,1-Dichloropropene	5.550	75	17631	5.054	ug/l	# 46
38) Carbon Tetrachloride	5.550	117	20858	6.311	ug/l	# 15
49) 1,4-Dioxane	7.726	88	67	2.965	ug/l	# 23
51) 4-Methyl-2-Pentanone	8.647	43	2309	0.632	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	89918	27.385	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	89918	88.258	ug/l	# 8
95) Naphthalene	13.780	128	2306	0.234	ug/l	97

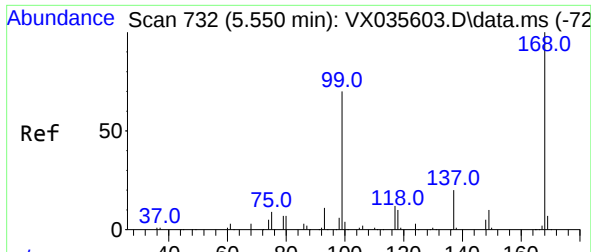
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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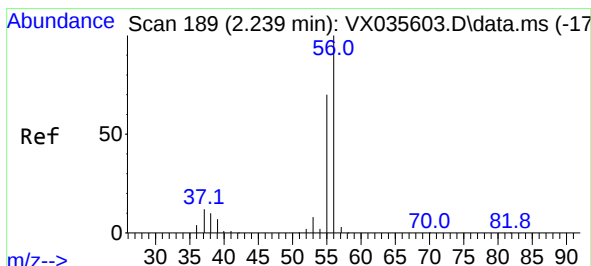
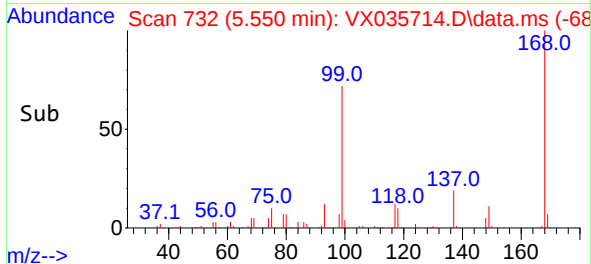
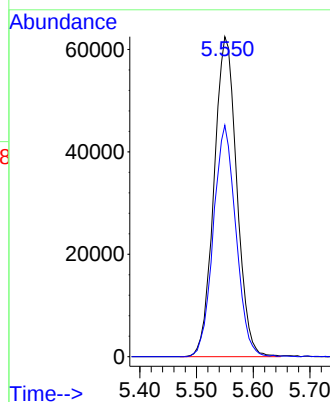
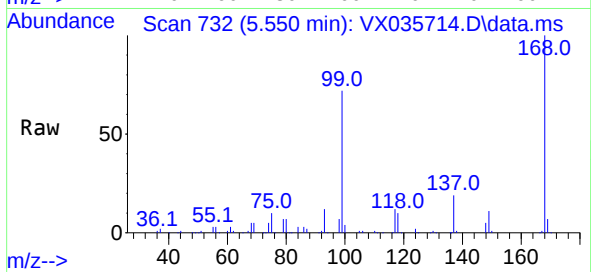




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

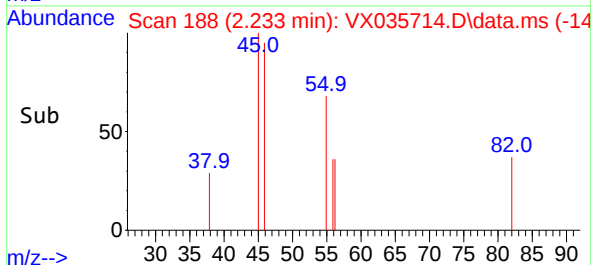
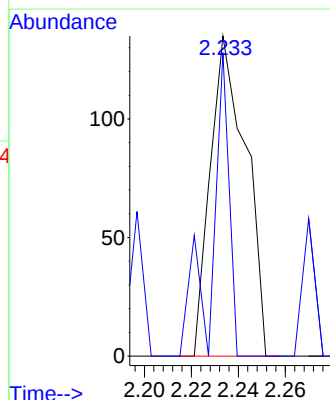
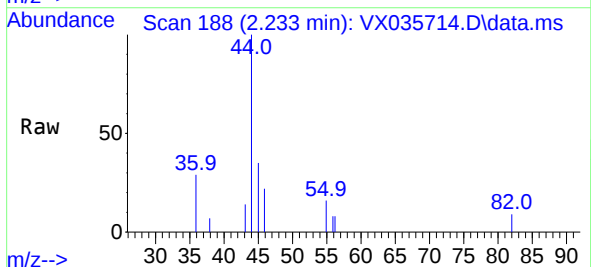
Instrument :
MSVOA_X
ClientSampleId :
WG-0516-B3-GW

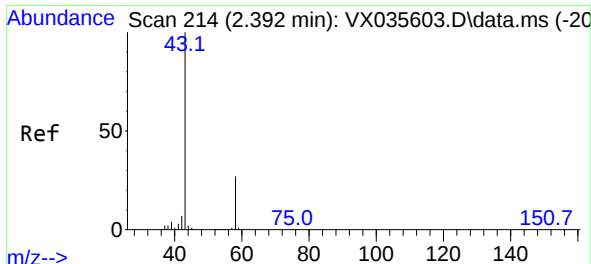
Tgt Ion:168 Resp: 174071
Ion Ratio Lower Upper
168 100
99 72.3 45.7 68.5#



#13
Acrolein
Concen: 0.223 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 45.8 56.6 85.0#

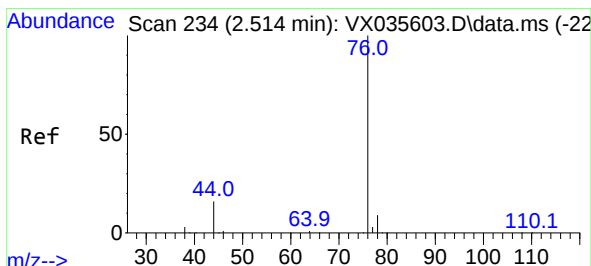
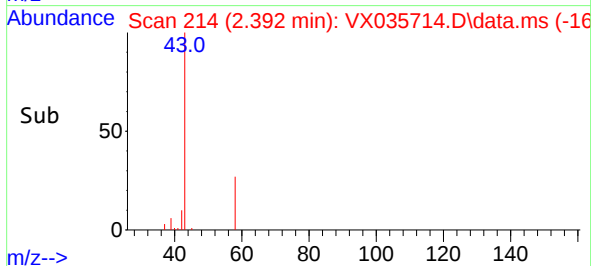
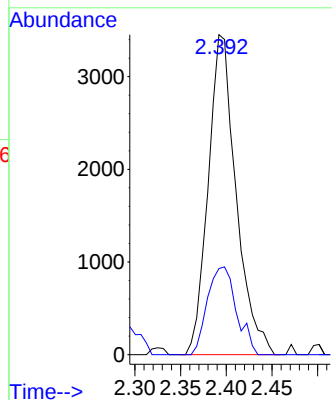
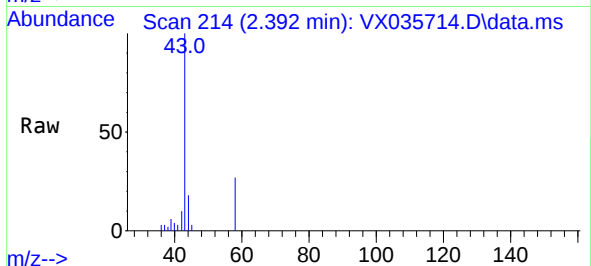




#16
Acetone
Concen: 5.622 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

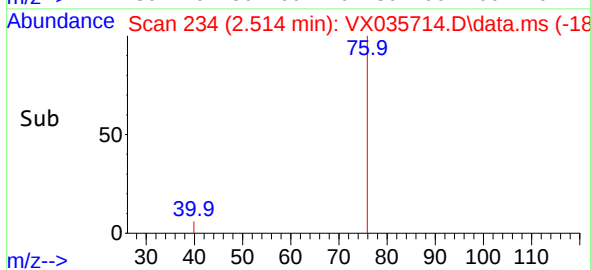
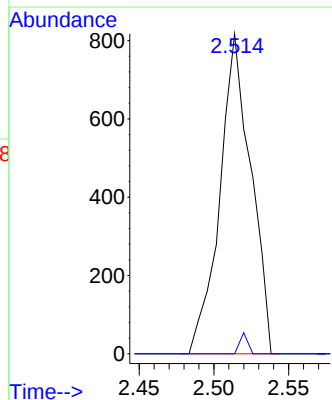
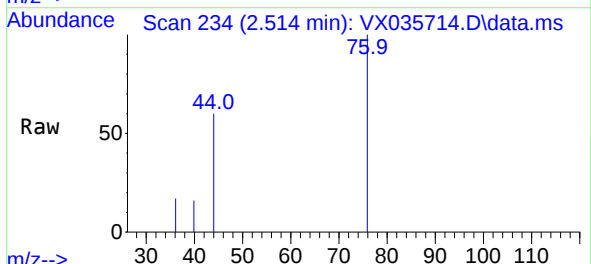
Instrument :
MSVOA_X
ClientSampleId :
WG-0516-B3-GW

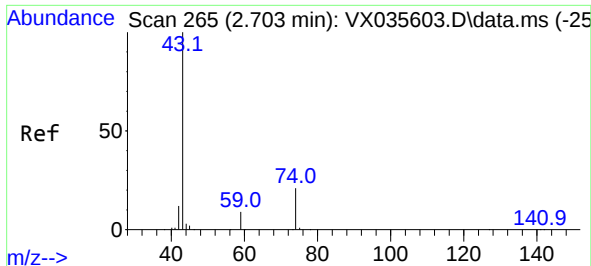
Tgt Ion: 43 Resp: 7338
Ion Ratio Lower Upper
43 100
58 26.9 24.7 37.1



#17
Carbon Disulfide
Concen: 0.252 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

Tgt Ion: 76 Resp: 1180
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

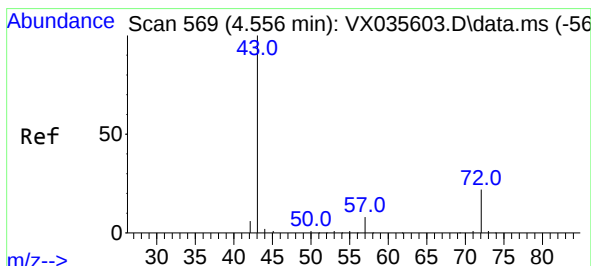
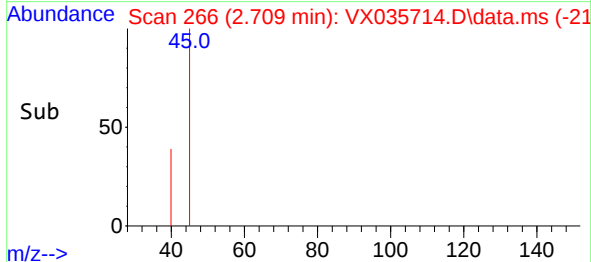
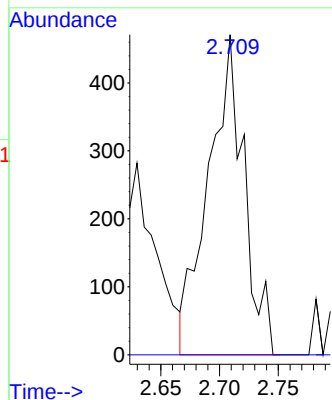
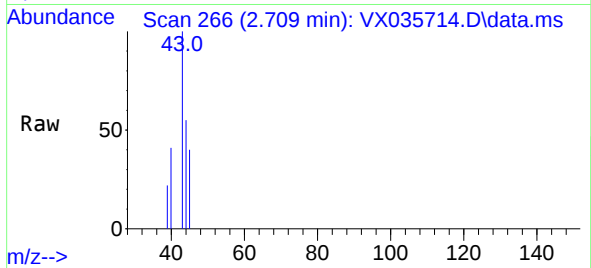




#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

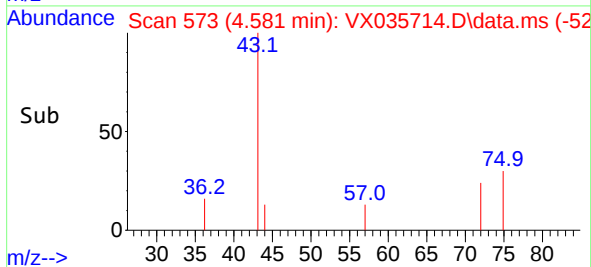
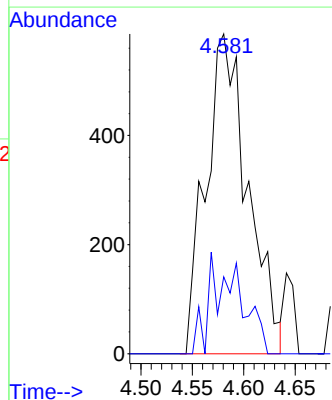
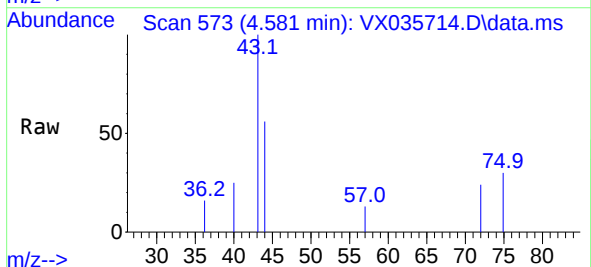
Instrument :
MSVOA_X
ClientSampleId :
WG-0516-B3-GW

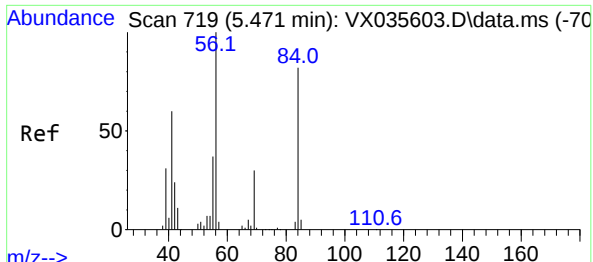
Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#25
2-Butanone
Concen: 0.920 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.025 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

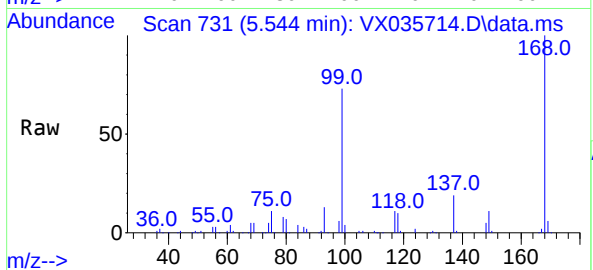
Tgt Ion: 43 Resp: 1663
Ion Ratio Lower Upper
43 100
72 24.1 19.3 28.9



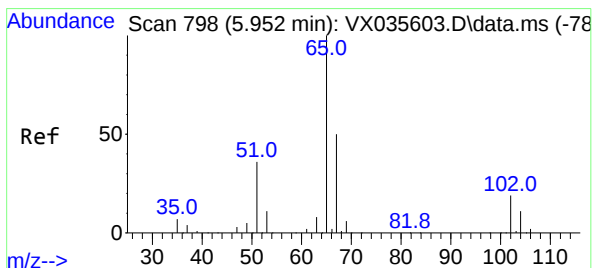
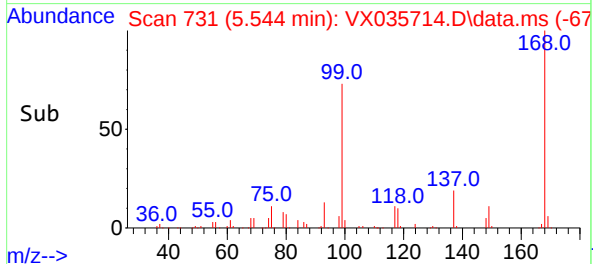
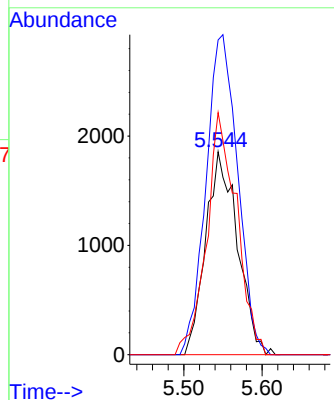


#31
Cyclohexane
Concen: 1.363 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
WG-0516-B3-GW

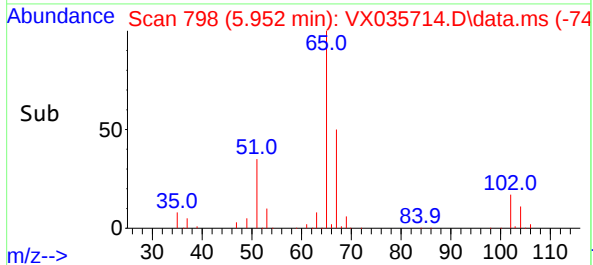
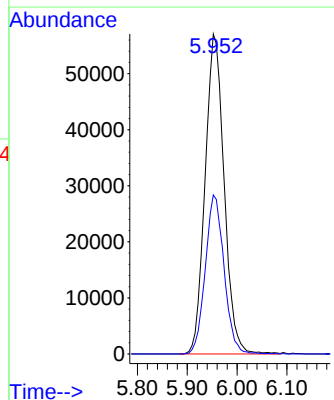
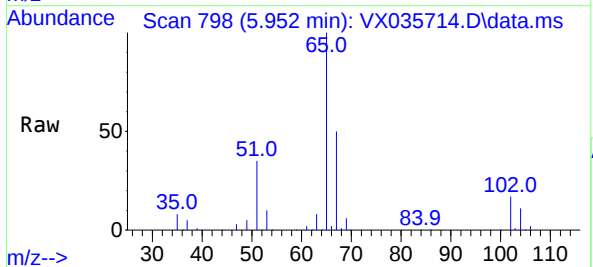


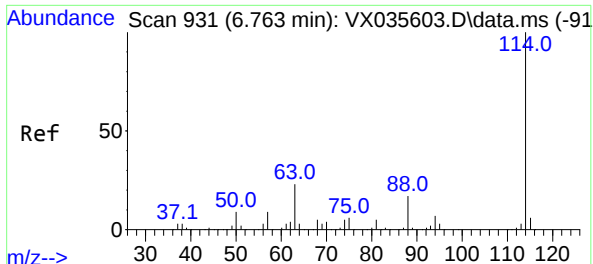
Tgt Ion: 56 Resp: 5230
Ion Ratio Lower Upper
56 100
69 155.2 23.7 35.5#
84 119.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.840 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

Tgt Ion: 65 Resp: 151351
Ion Ratio Lower Upper
65 100
67 49.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX035714.D

Acq: 17 May 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

WG-0516-B3-GW

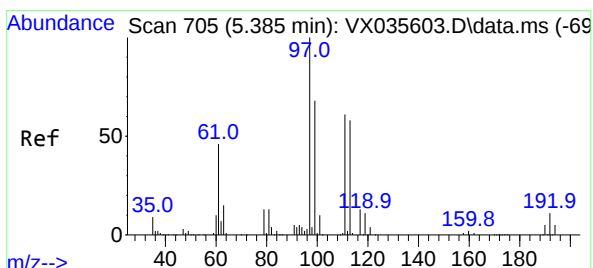
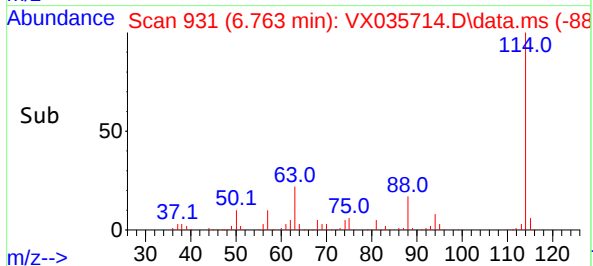
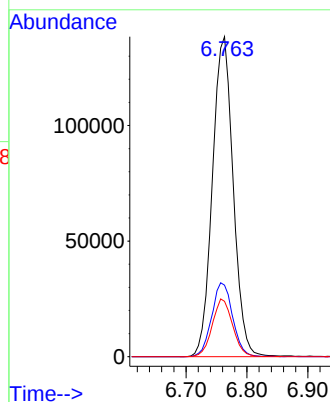
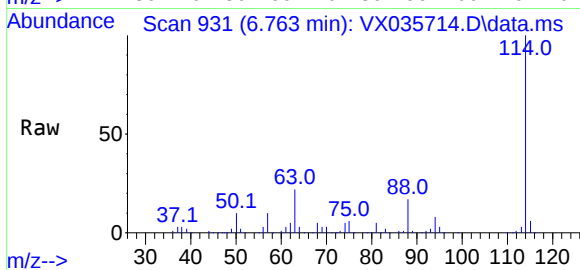
Tgt Ion:114 Resp: 327726

Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.2

88 17.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.224 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035714.D

Acq: 17 May 2023 13:38

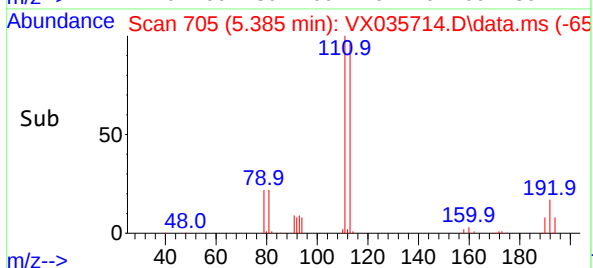
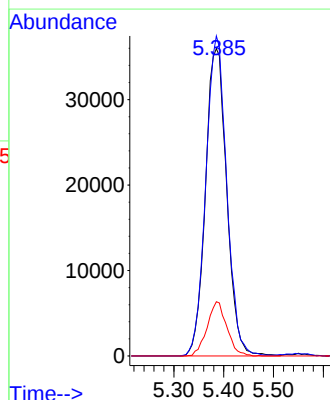
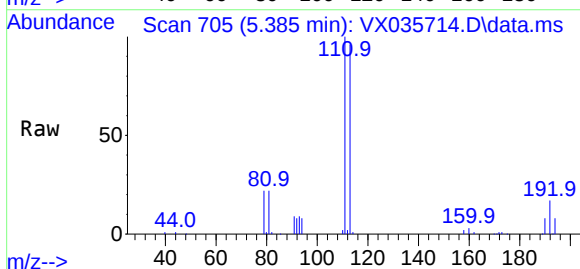
Tgt Ion:113 Resp: 106584

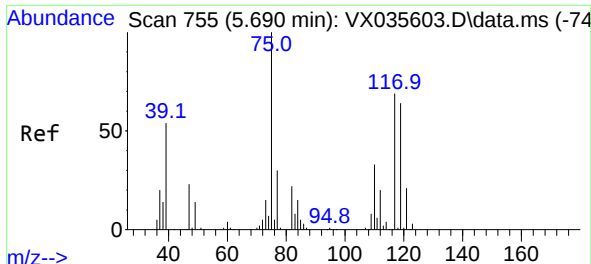
Ion Ratio Lower Upper

113 100

111 102.3 83.7 125.5

192 16.4 15.4 23.2

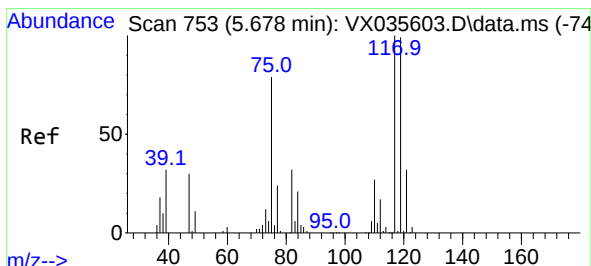
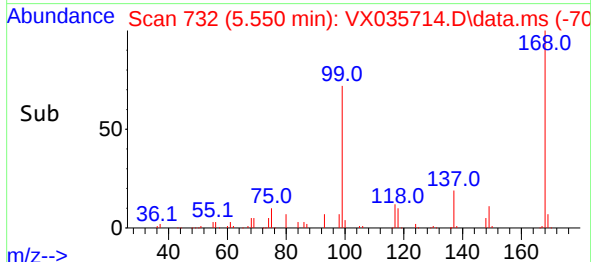
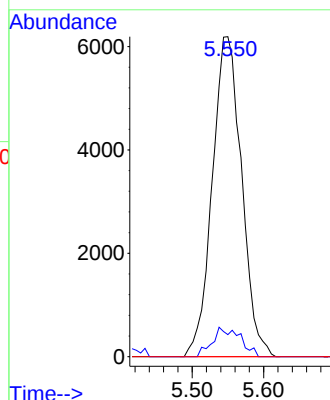
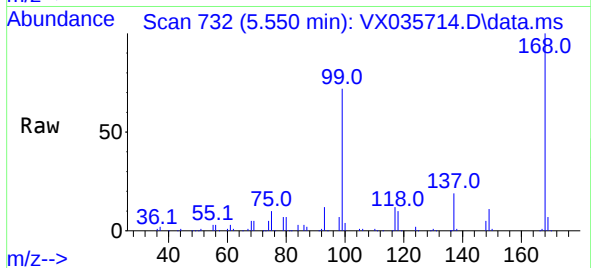




#36
1,1-Dichloropropene
Concen: 5.054 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

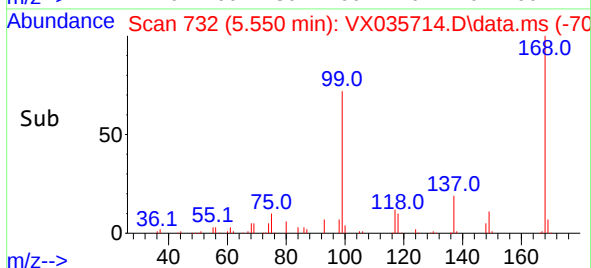
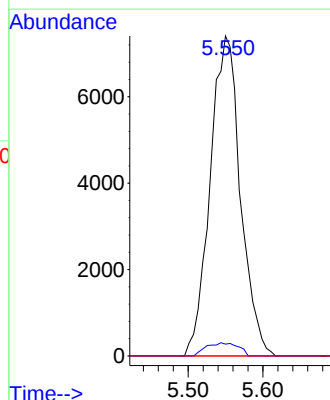
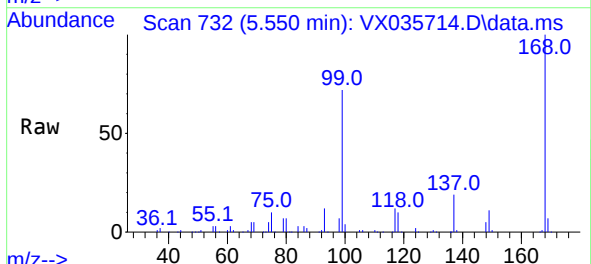
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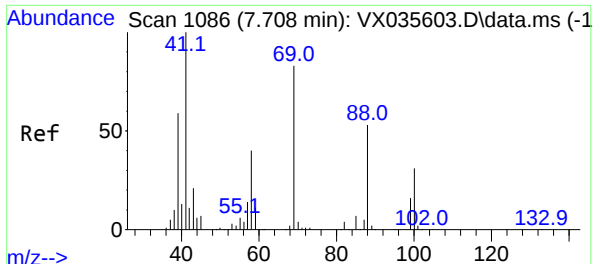
Tgt Ion: 75 Resp: 17631
Ion Ratio Lower Upper
75 100
110 4.9 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.311 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

Tgt Ion: 117 Resp: 20858
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#

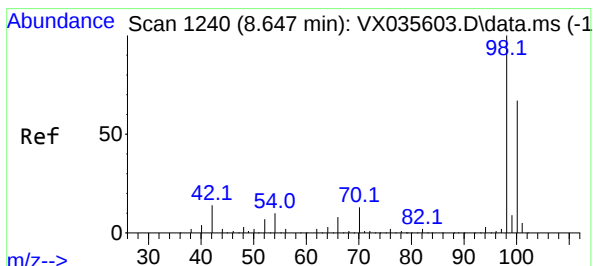
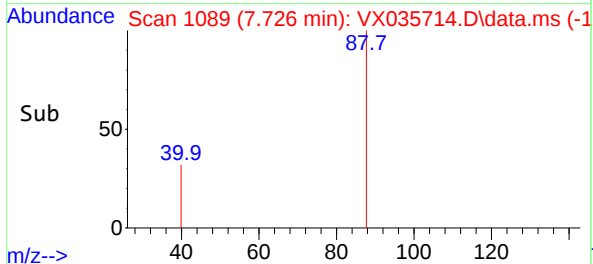
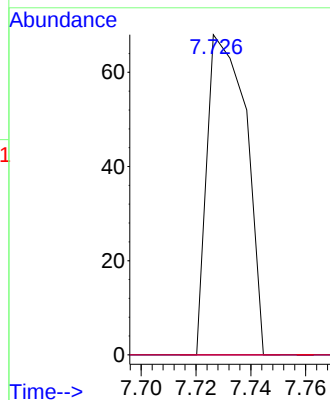
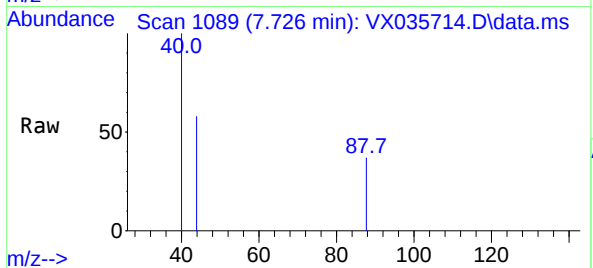




#49
1,4-Dioxane
Concen: 2.965 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

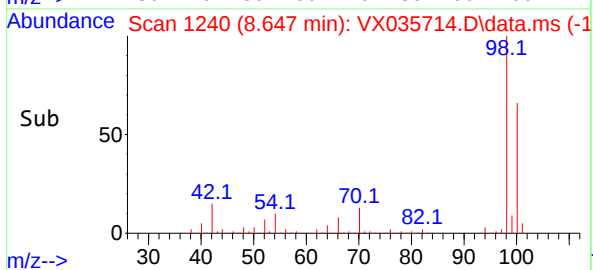
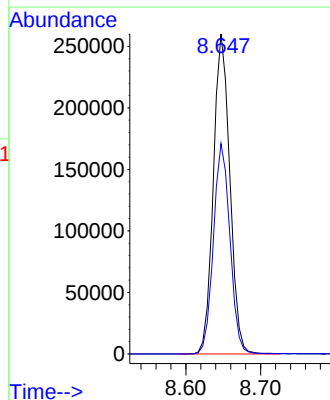
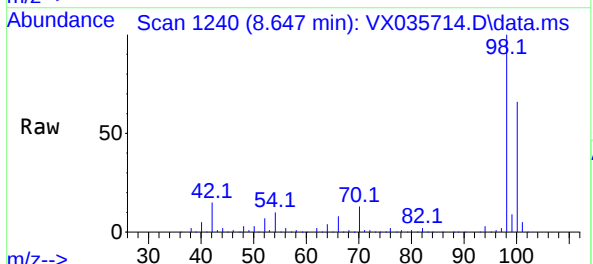
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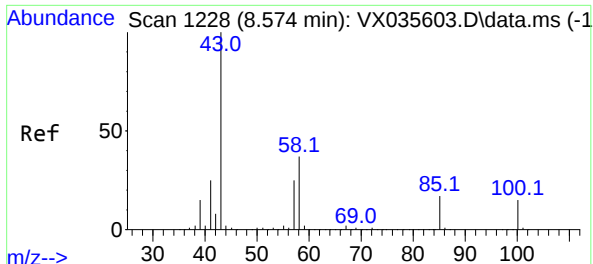
Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#



#50
Toluene-d8
Concen: 48.702 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

Tgt Ion: 98 Resp: 397649
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

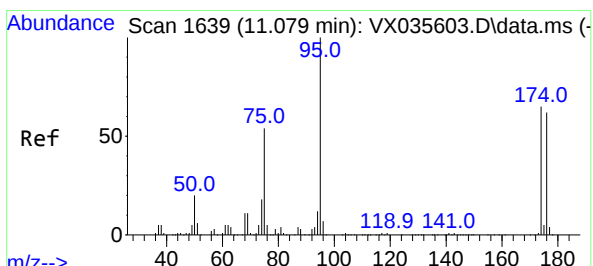
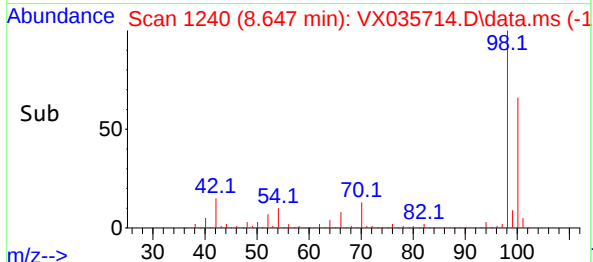
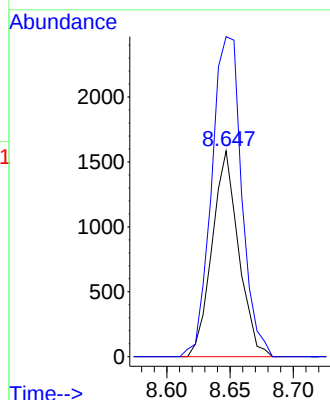
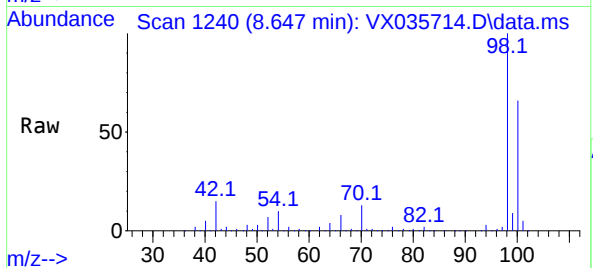




#51
4-Methyl-2-Pentanone
Concen: 0.632 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

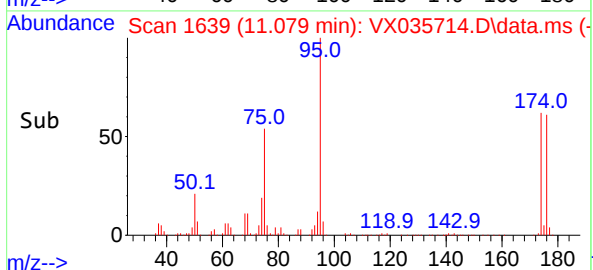
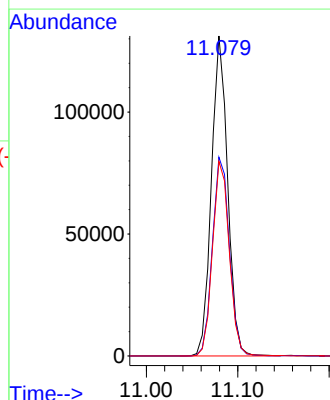
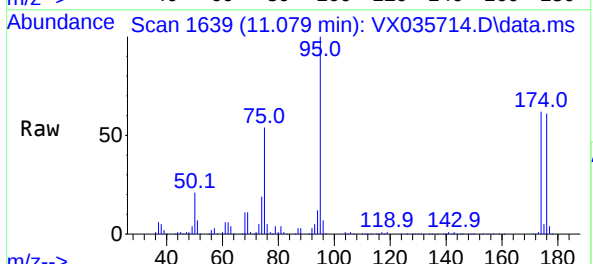
Instrument :
MSVOA_X
ClientSampleId :
WG-0516-B3-GW

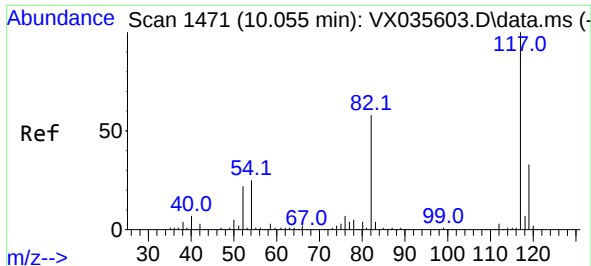
Tgt Ion: 43 Resp: 2309
Ion Ratio Lower Upper
43 100
58 176.7 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 49.089 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

Tgt Ion: 95 Resp: 161383
Ion Ratio Lower Upper
95 100
174 65.2 0.0 147.4
176 62.9 0.0 140.6

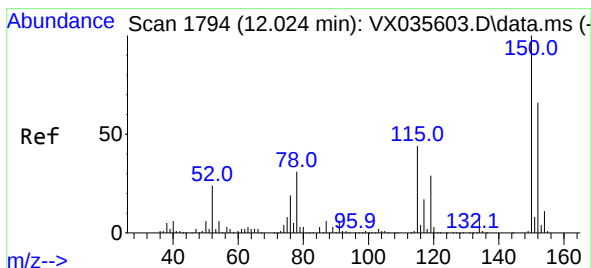
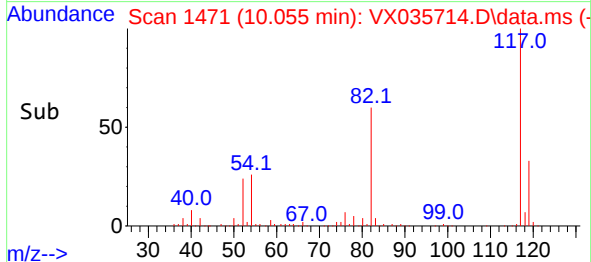
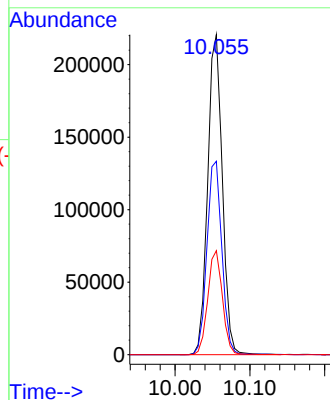
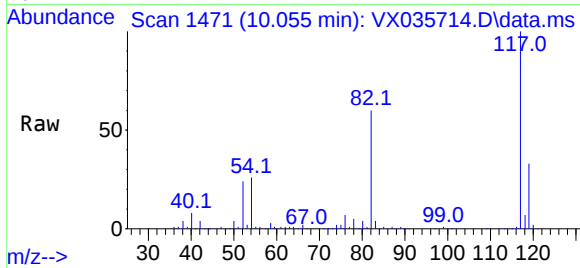




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

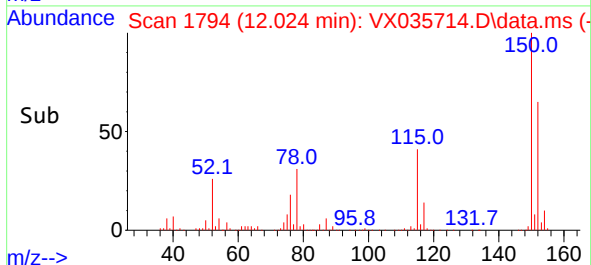
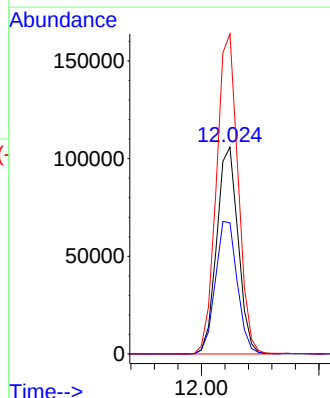
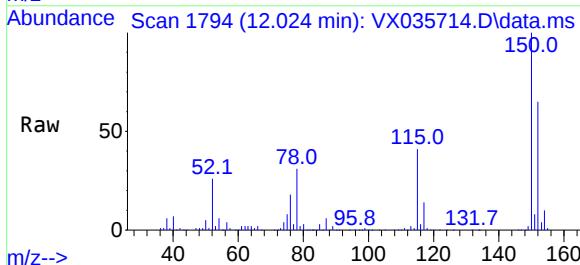
Instrument :
MSVOA_X
ClientSampleId :
WG-0516-B3-GW

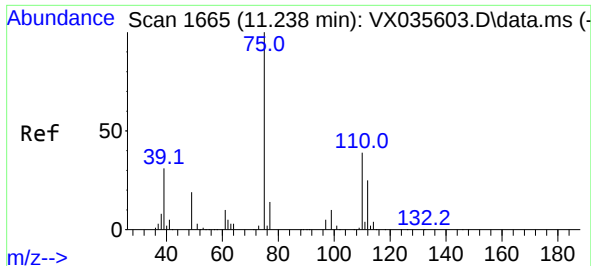
Tgt Ion:117 Resp: 299321
Ion Ratio Lower Upper
117 100
82 60.5 45.0 67.4
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

Tgt Ion:152 Resp: 134236
Ion Ratio Lower Upper
152 100
115 65.8 45.0 135.0
150 156.3 0.0 352.4

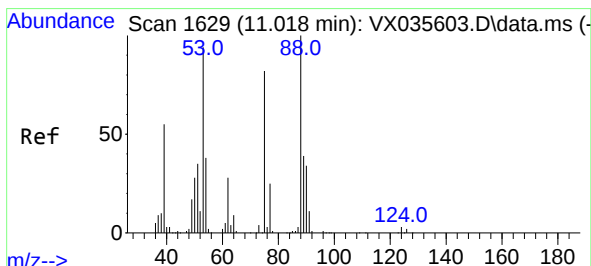
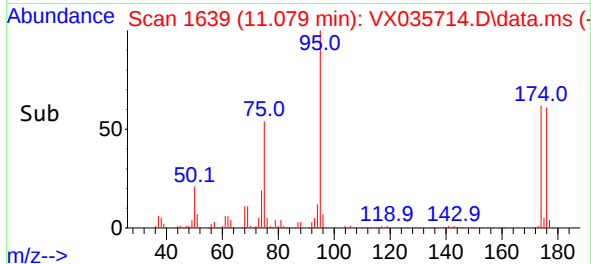
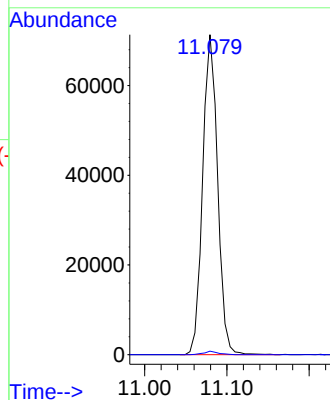
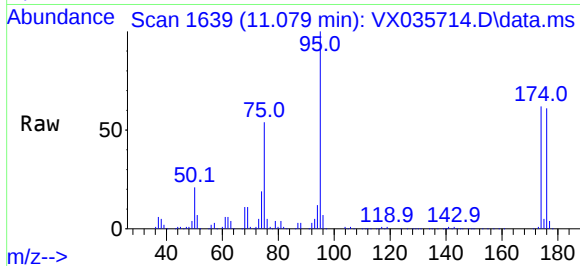




#76
1,2,3-Trichloropropane
Concen: 27.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

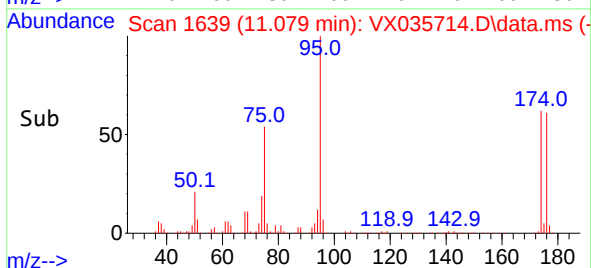
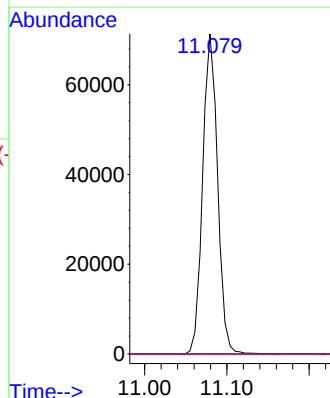
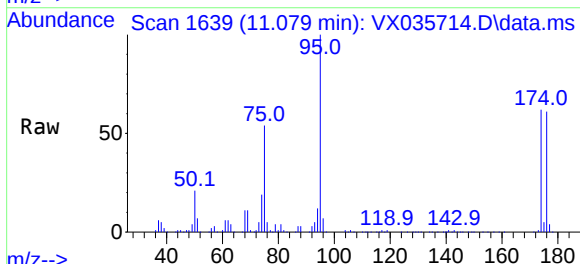
Instrument :
MSVOA_X
ClientSampleId :
WG-0516-B3-GW

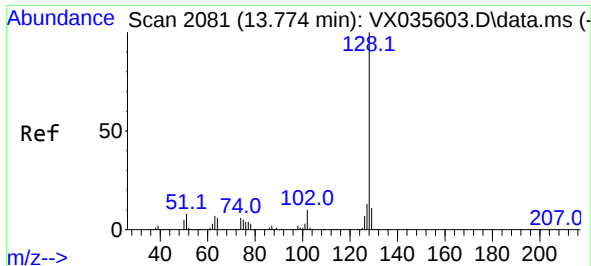
Tgt Ion: 75 Resp: 89918
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

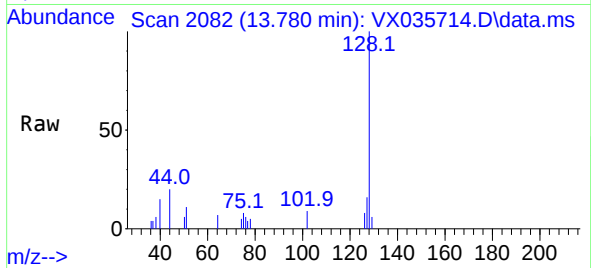
Tgt Ion: 75 Resp: 89918
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.234 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX035714.D
Acq: 17 May 2023 13:38

Instrument :
MSVOA_X
ClientSampleId :
WG-0516-B3-GW



Tgt Ion:128 Resp: 2306

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.4
129	10.0	8.6	13.0

