

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038713.D
 Acq On : 10 Nov 2023 08:31
 Operator : JC/MD
 Sample : 05331-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

Quant Time: Nov 10 16:44:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

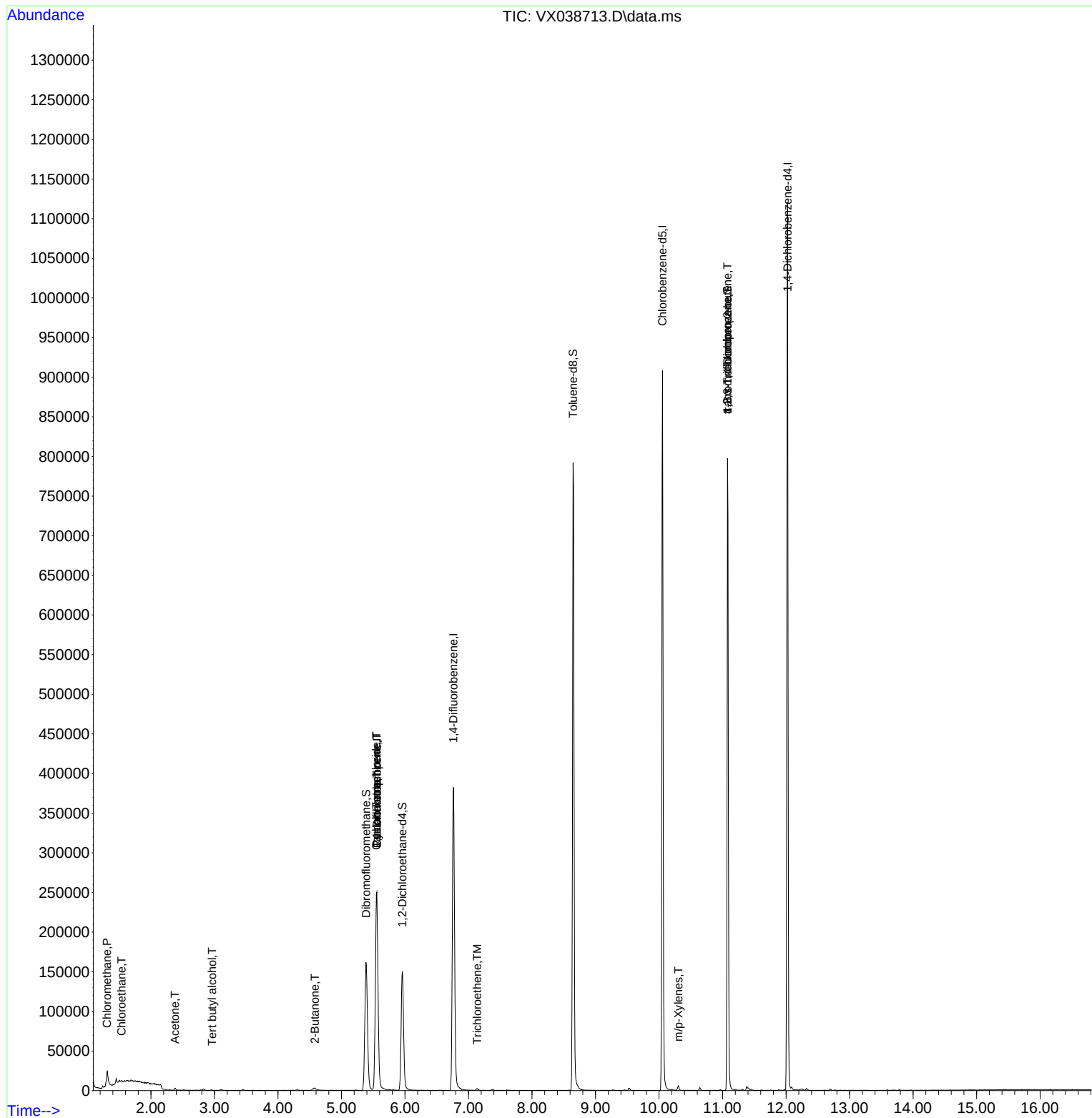
Internal Standards						
1) Pentafluorobenzene	5.556	168	261927	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	435992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153392	47.040	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.080%
35) Dibromofluoromethane	5.385	113	143904	45.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.660%
50) Toluene-d8	8.647	98	521895	46.446	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.900%
62) 4-Bromofluorobenzene	11.079	95	222580	51.090	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.180%
Target Compounds						
					Qvalue	
3) Chloromethane	1.306	50	978	0.416	ug/l #	43
6) Chloroethane	1.538	64	16402	10.350	ug/l #	45
11) Tert butyl alcohol	2.965	59	792	1.188	ug/l #	95
16) Acetone	2.379	43	2896	2.109	ug/l #	85
25) 2-Butanone	4.580	43	2658	1.336	ug/l	95
31) Cyclohexane	5.556	56	4070	1.128	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17361	4.451	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24633	5.649	ug/l #	15
44) Trichloroethene	7.135	130	890	0.255	ug/l	99
68) m/p-Xylenes	10.305	106	1415	0.227	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	105755	20.232	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	105755	61.756	ug/l #	5

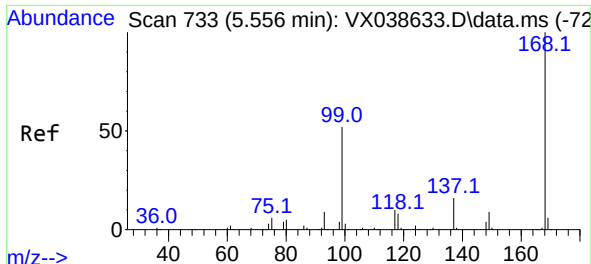
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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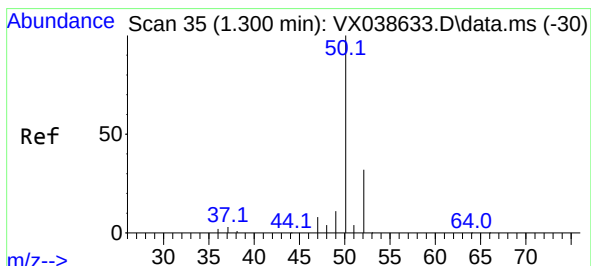
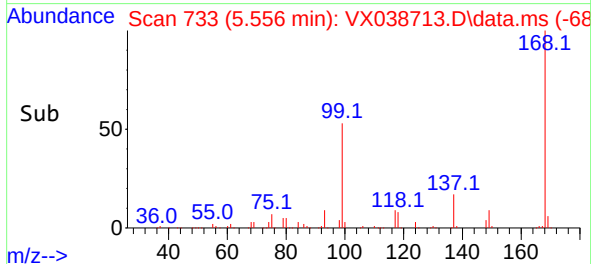
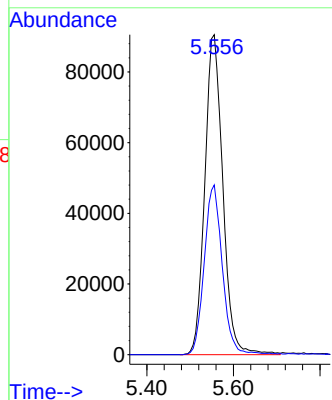
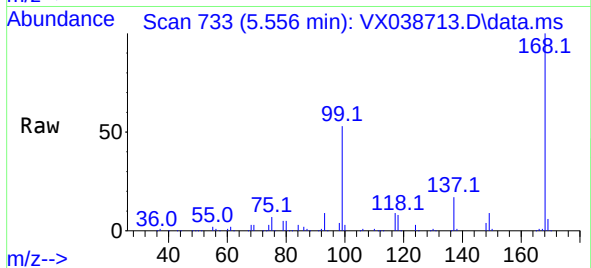




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

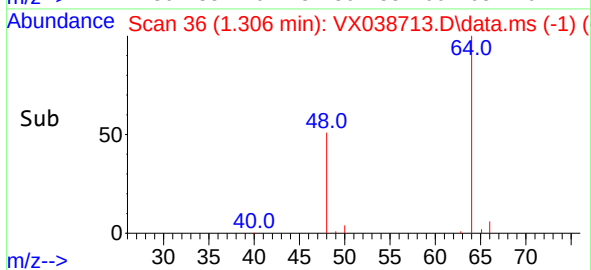
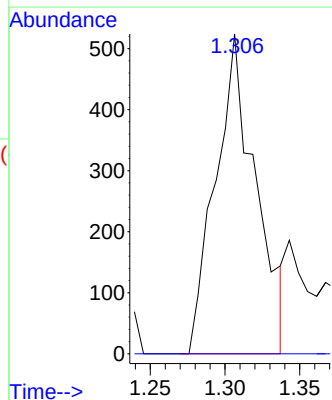
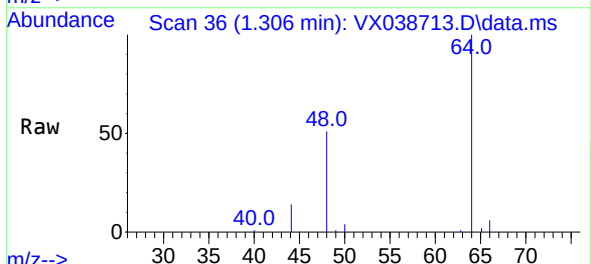
Instrument :
MSVOA_X
ClientSampleId :
MW-13

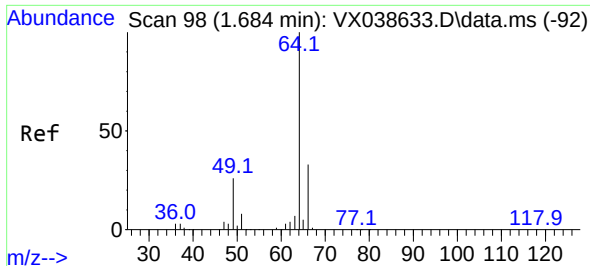
Tgt Ion:168 Resp: 261927
Ion Ratio Lower Upper
168 100
99 53.1 56.6 85.0#



#3
Chloromethane
Concen: 0.416 ug/l
RT: 1.306 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

Tgt Ion: 50 Resp: 978
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

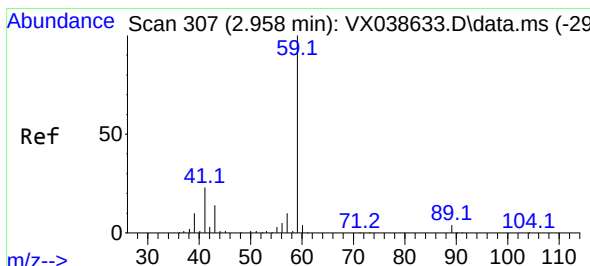
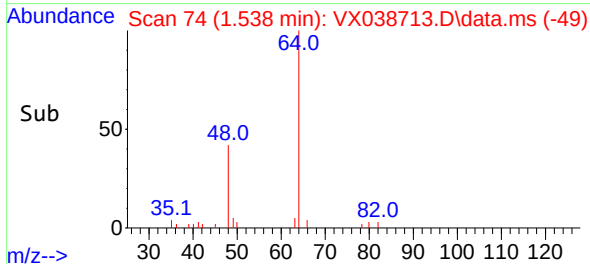
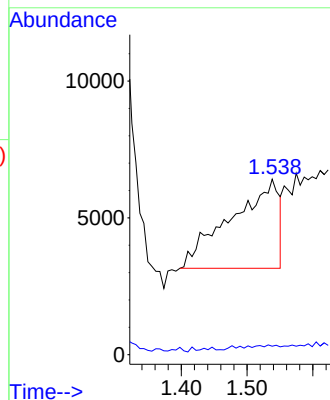
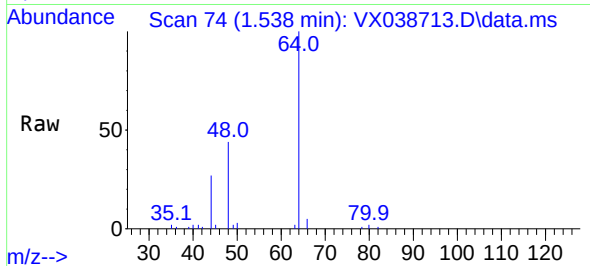




#6
Chloroethane
Concen: 10.350 ug/l
RT: 1.538 min Scan# 74
Delta R.T. -0.146 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

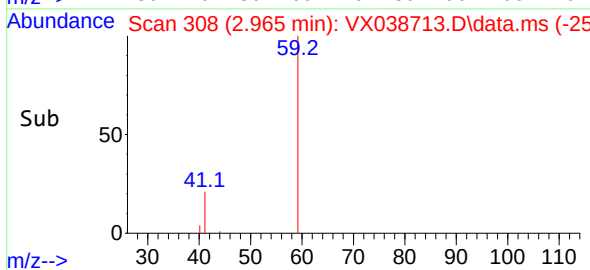
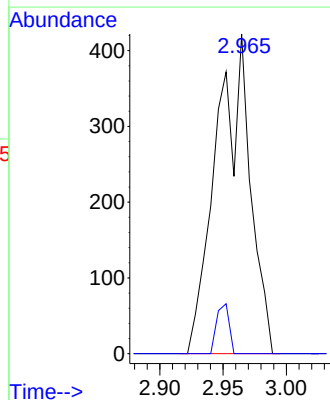
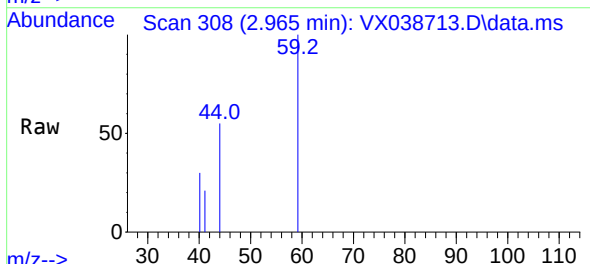
Instrument :
MSVOA_X
ClientSampleId :
MW-13

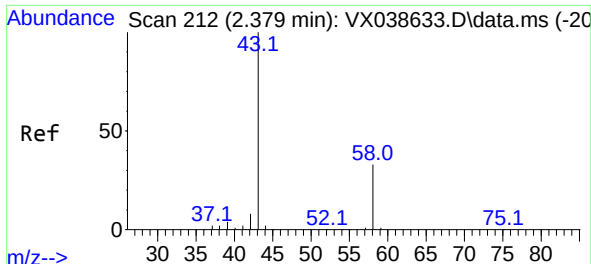
Tgt Ion: 64 Resp: 16402
Ion Ratio Lower Upper
64 100
66 1.3 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.188 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

Tgt Ion: 59 Resp: 792
Ion Ratio Lower Upper
59 100
57 5.7 6.0 9.0#

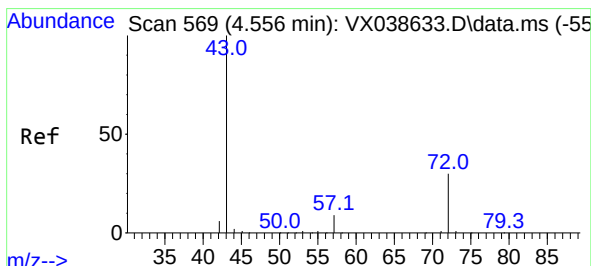
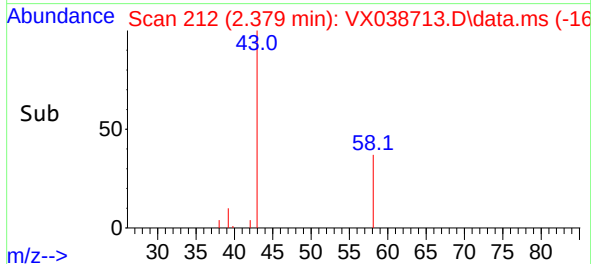
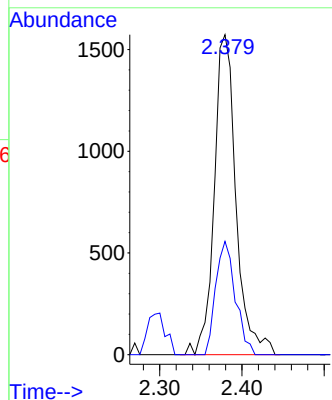
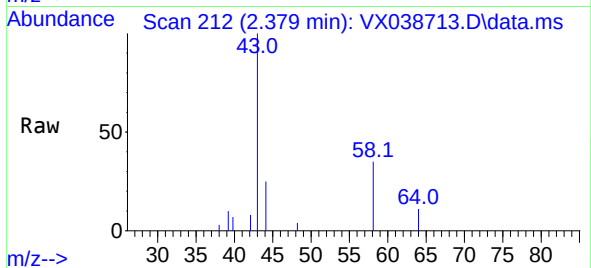




#16
Acetone
Concen: 2.109 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

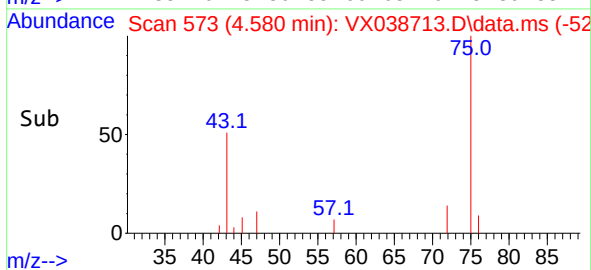
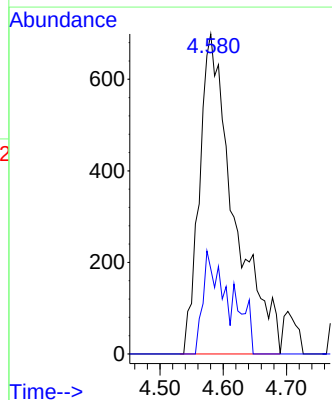
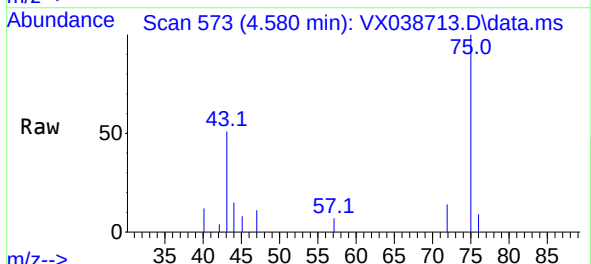
Instrument :
MSVOA_X
ClientSampleId :
MW-13

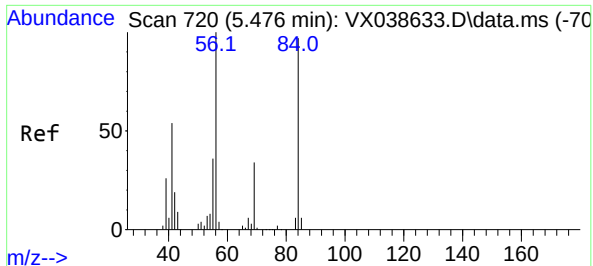
Tgt Ion: 43 Resp: 2896
Ion Ratio Lower Upper
43 100
58 35.4 21.9 32.9#



#25
2-Butanone
Concen: 1.336 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

Tgt Ion: 43 Resp: 2658
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2

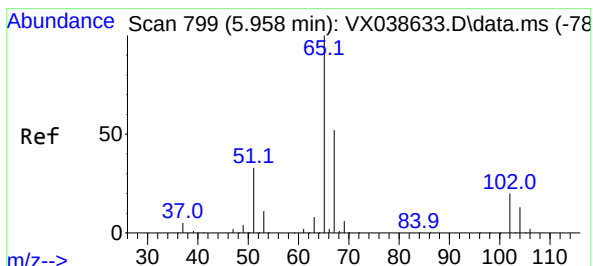
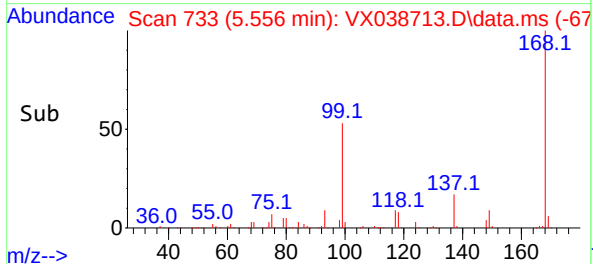
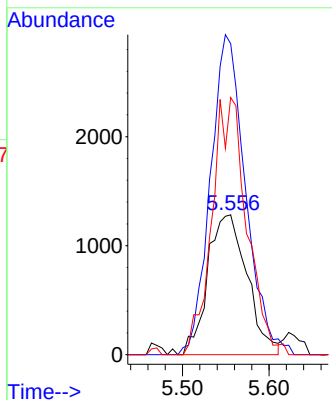
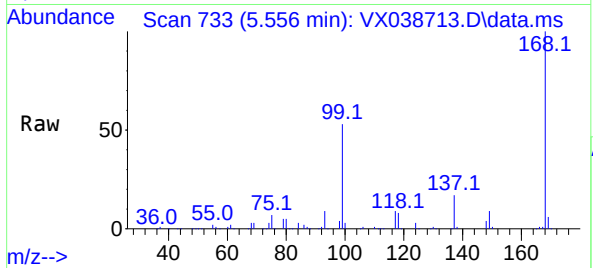




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

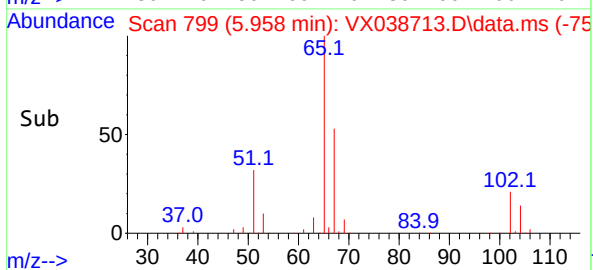
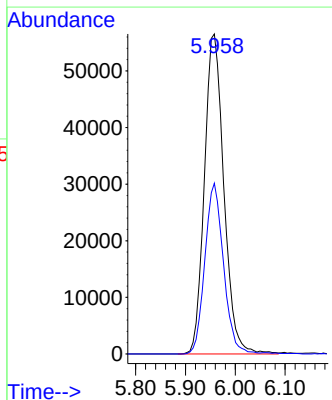
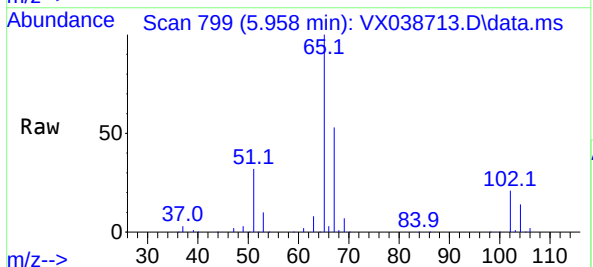
Instrument :
MSVOA_X
ClientSampleId :
MW-13

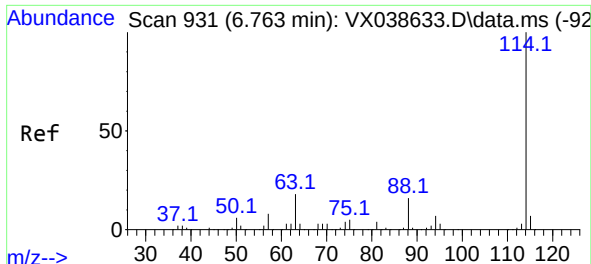
Tgt Ion: 56 Resp: 4070
Ion Ratio Lower Upper
56 100
69 222.4 23.4 35.2#
84 183.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.040 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

Tgt Ion: 65 Resp: 153392
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

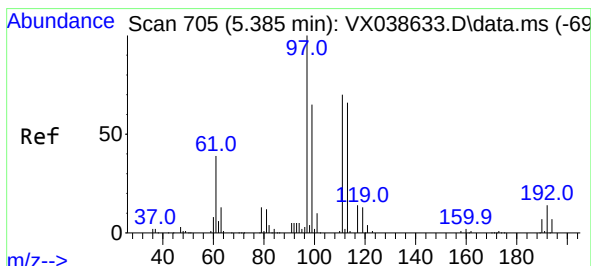
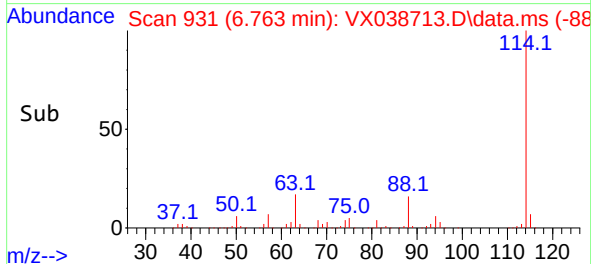
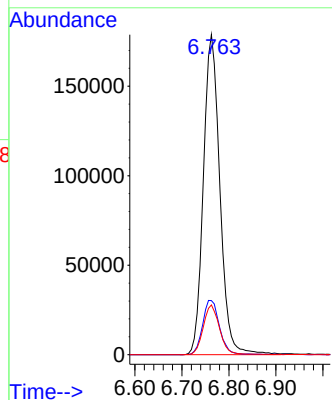
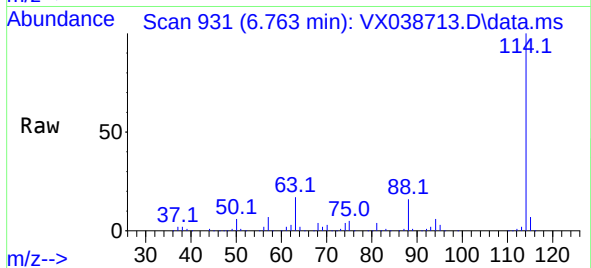




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

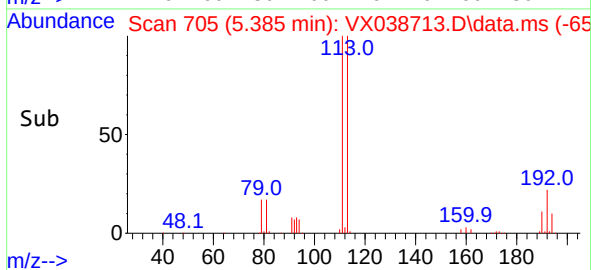
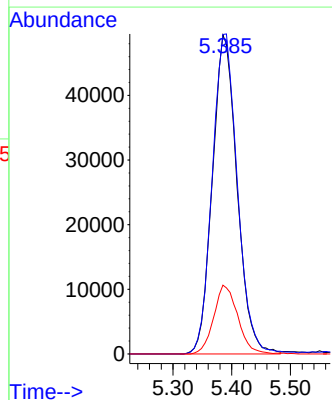
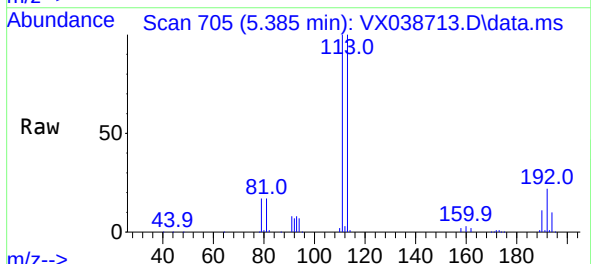
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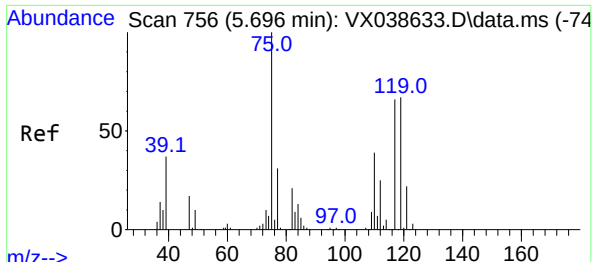
Tgt Ion:114 Resp: 435992
Ion Ratio Lower Upper
114 100
63 16.9 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.827 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

Tgt Ion:113 Resp: 143904
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 21.0 13.3 19.9#

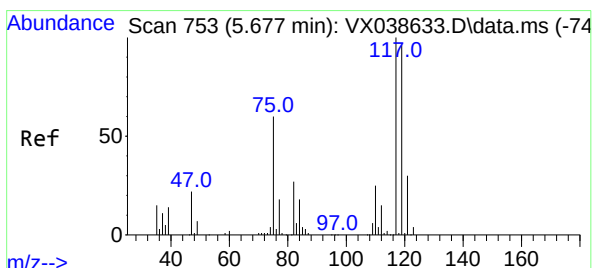
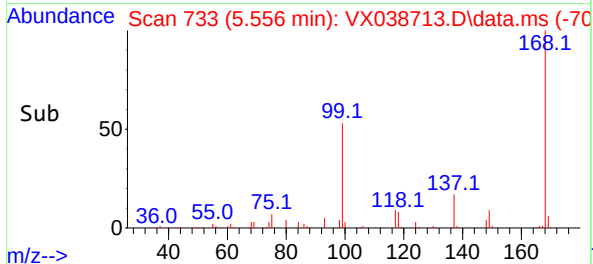
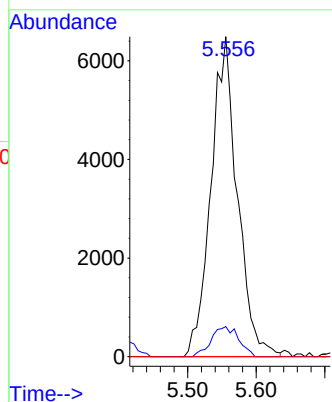
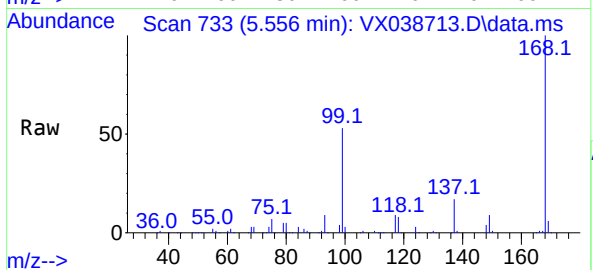




#36
1,1-Dichloropropene
Concen: 4.451 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

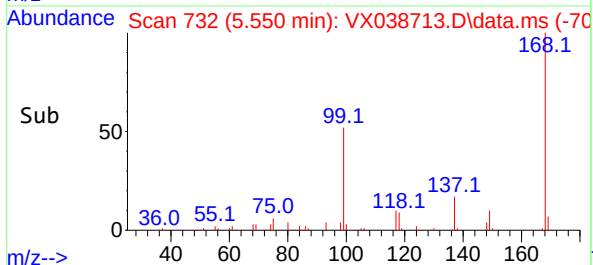
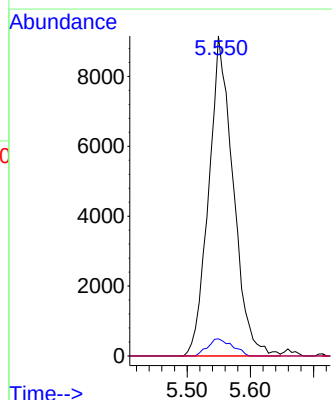
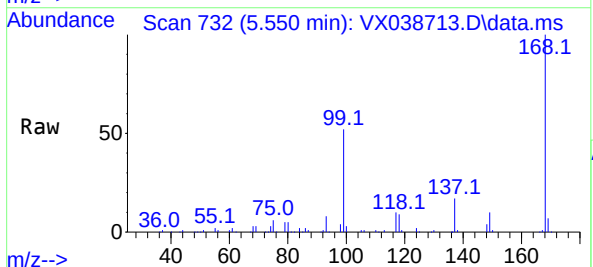
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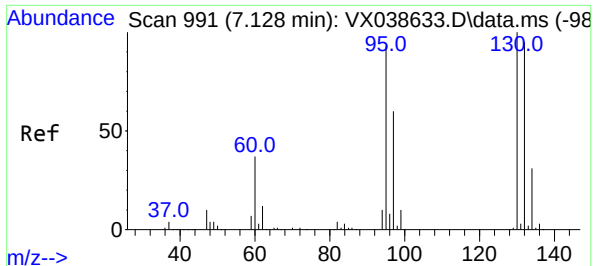
Tgt Ion: 75 Resp: 17361
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.649 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

Tgt Ion:117 Resp: 24633
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

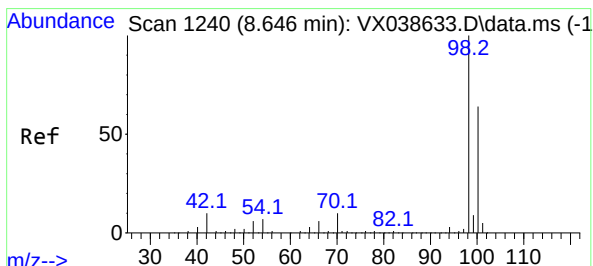
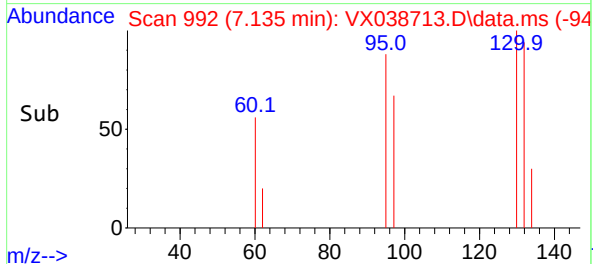
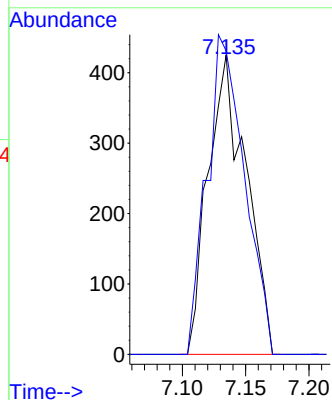
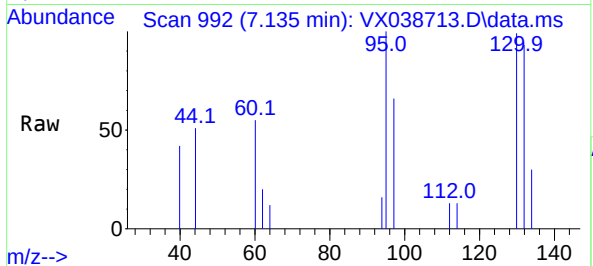




#44
Trichloroethene
Concen: 0.255 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

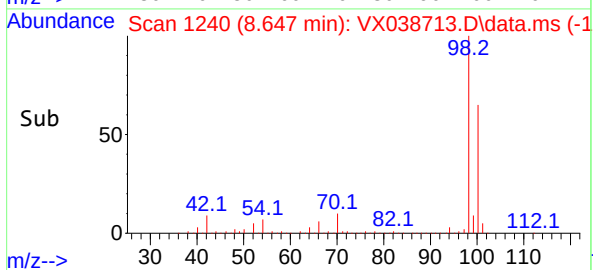
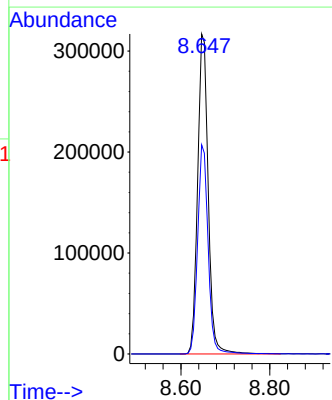
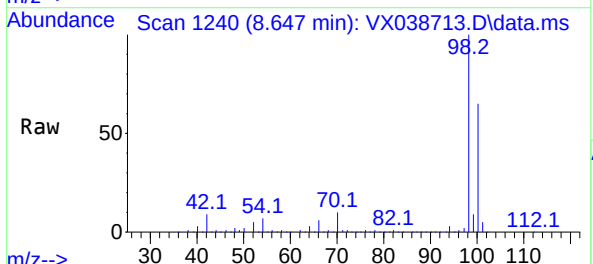
Instrument :
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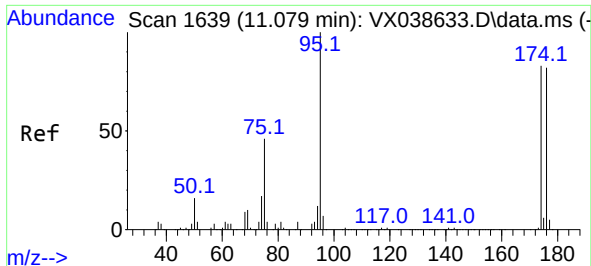
Tgt Ion:130 Resp: 890
Ion Ratio Lower Upper
130 100
95 101.4 0.0 204.4



#50
Toluene-d8
Concen: 46.446 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

Tgt Ion: 98 Resp: 521895
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7

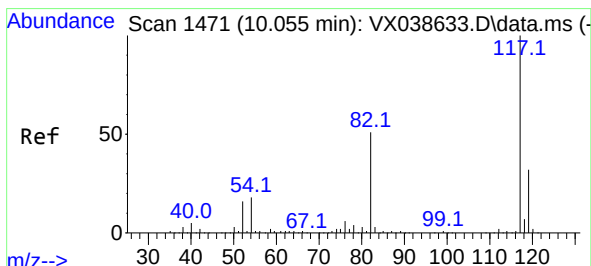
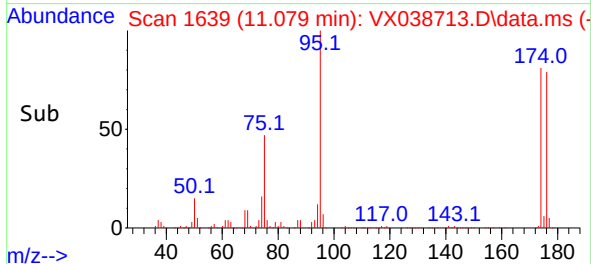
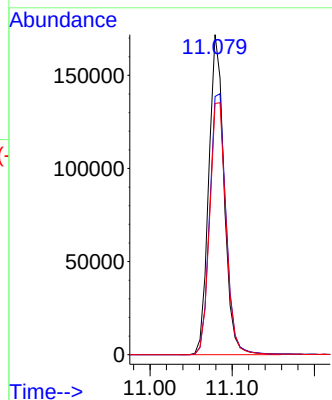
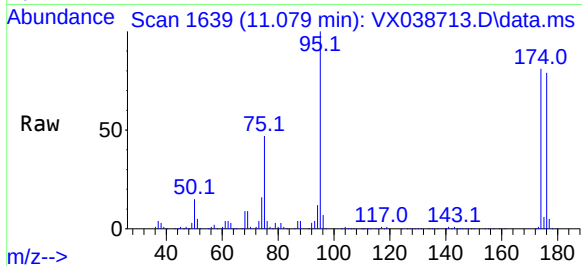




#62
4-Bromofluorobenzene
Concen: 51.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

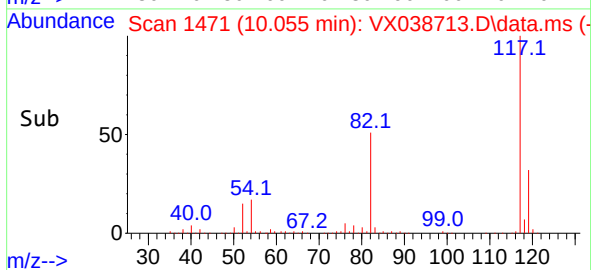
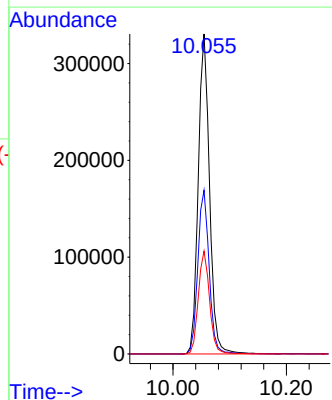
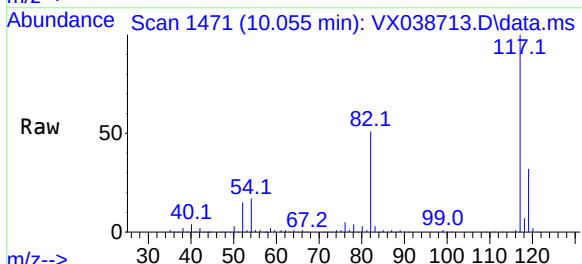
Instrument :
MSVOA_X
ClientSampleId :
MW-13

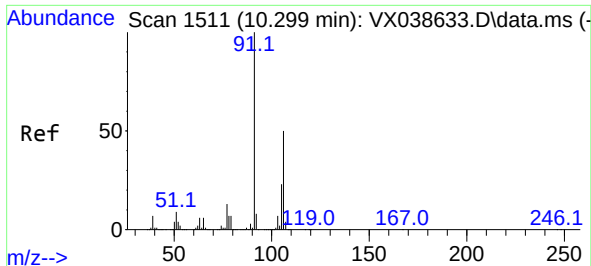
Tgt Ion: 95 Resp: 222580
Ion Ratio Lower Upper
95 100
174 87.3 0.0 135.6
176 84.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

Tgt Ion: 117 Resp: 456020
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.2 25.5 38.3

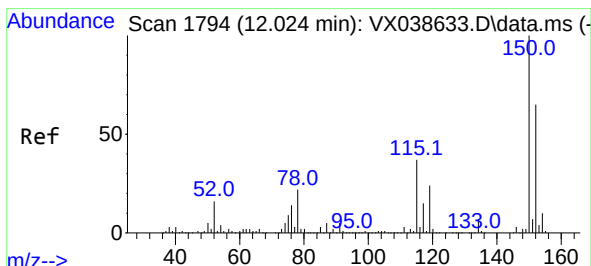
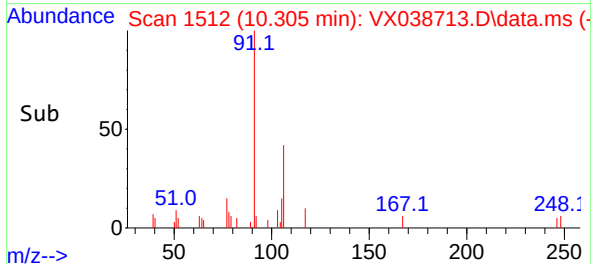
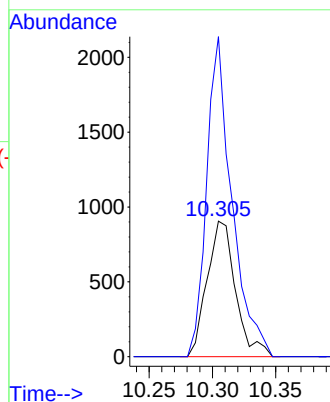
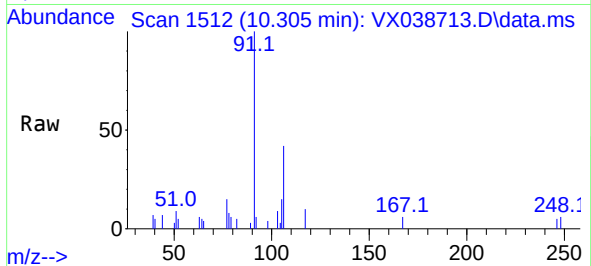




#68
m/p-Xylenes
Concen: 0.227 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

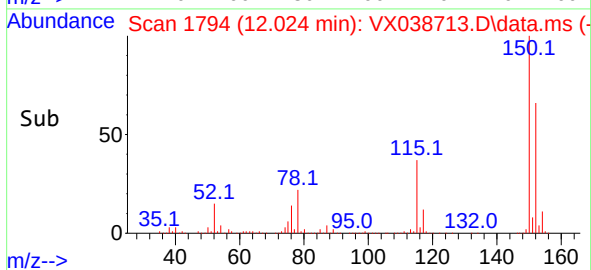
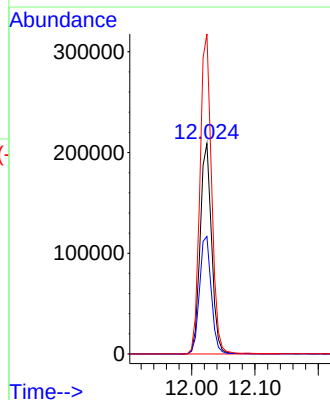
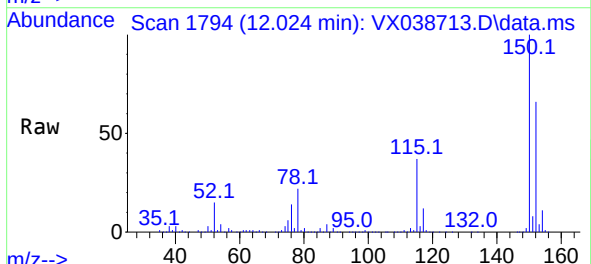
Instrument :
MSVOA_X
ClientSampleId :
MW-13

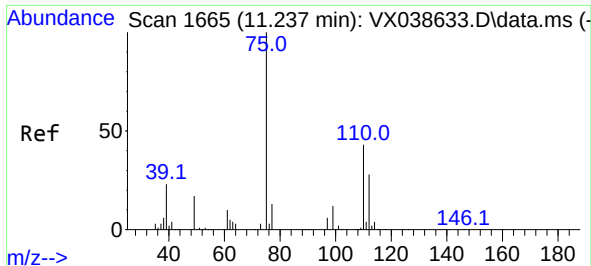
Tgt Ion:106 Resp: 1415
Ion Ratio Lower Upper
106 100
91 209.3 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

Tgt Ion:152 Resp: 263928
Ion Ratio Lower Upper
152 100
115 57.4 43.3 129.9
150 154.1 0.0 345.0

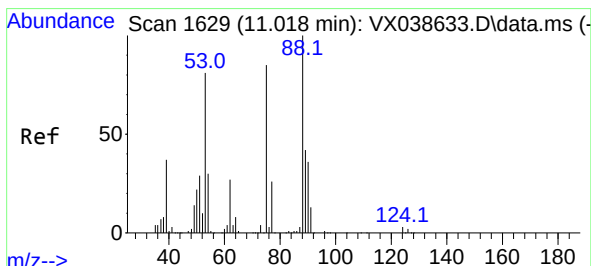
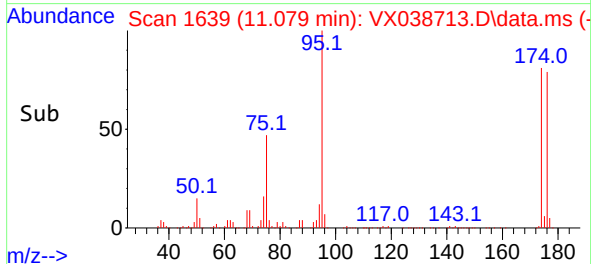
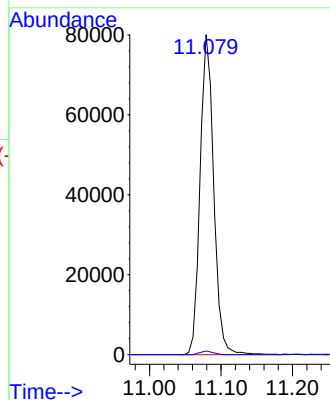
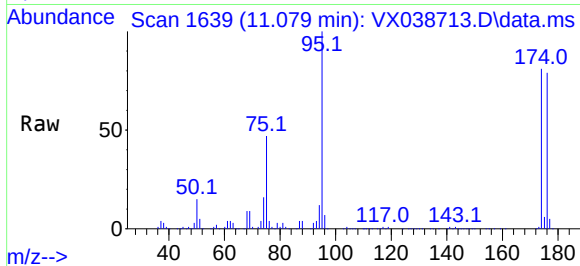




#76
1,2,3-Trichloropropane
Concen: 20.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

Instrument :
MSVOA_X
ClientSampleId :
MW-13

Tgt Ion: 75 Resp: 105755
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038713.D
Acq: 10 Nov 2023 08:31

Tgt Ion: 75 Resp: 105755
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

