

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038712.D
 Acq On : 10 Nov 2023 08:08
 Operator : JC/MD
 Sample : 05331-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 16:44:04 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)

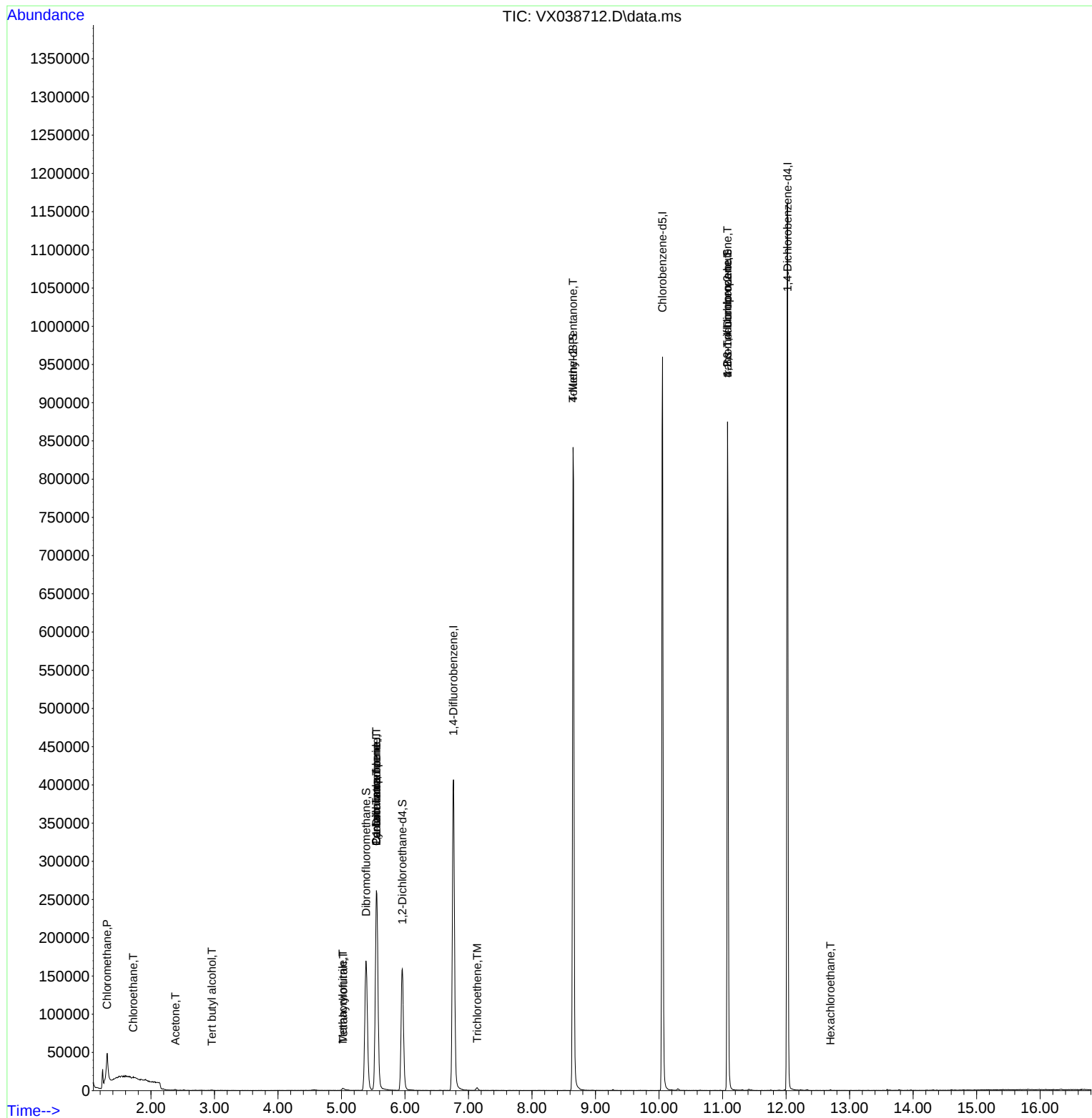
Internal Standards						
1) Pentafluorobenzene	5.550	168	276393	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	461928	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	484377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	279238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158852	46.165	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.320%
35) Dibromofluoromethane	5.385	113	150795	45.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.660%
50) Toluene-d8	8.647	98	553994	46.534	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.060%
62) 4-Bromofluorobenzene	11.079	95	234965	50.905	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1798	0.725	ug/l #	43
6) Chloroethane	1.721	64	2961	1.771	ug/l #	62
11) Tert butyl alcohol	2.959	59	564	0.802	ug/l #	78
16) Acetone	2.386	43	1086	0.749	ug/l	91
29) Tetrahydrofuran	5.025	42	2581	1.976	ug/l	94
31) Cyclohexane	5.550	56	4242	1.114	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17488	4.232	ug/l #	52
38) Carbon Tetrachloride	5.550	117	26820	5.805	ug/l #	15
41) Methacrylonitrile	5.019	41	1785	0.830	ug/l #	42
44) Trichloroethene	7.135	130	1772	0.478	ug/l	79
51) 4-Methyl-2-Pentanone	8.647	43	1995	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	111983	20.249	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	111983	61.802	ug/l #	5
90) Hexachloroethane	12.701	117	545	0.203	ug/l #	17

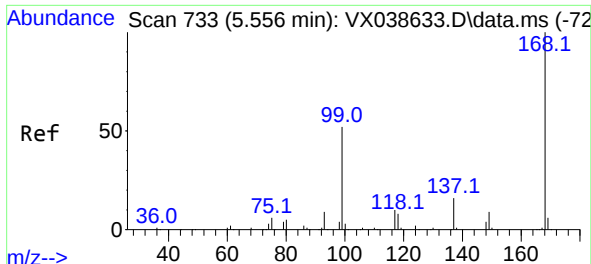
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 10 16:44:04 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

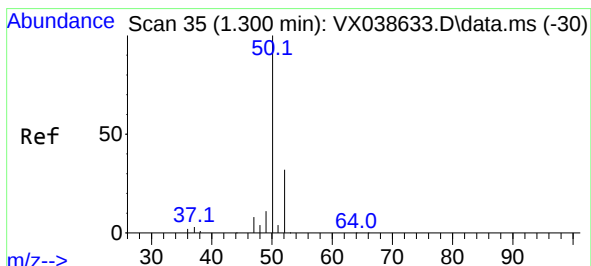
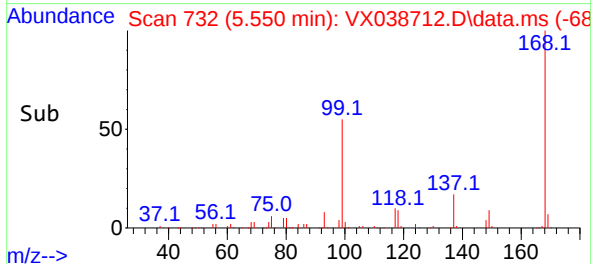
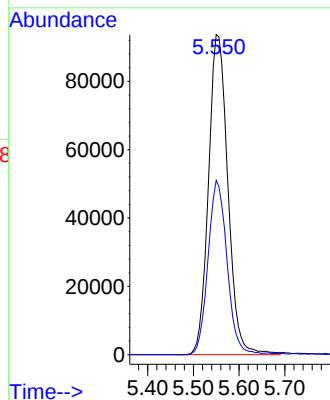
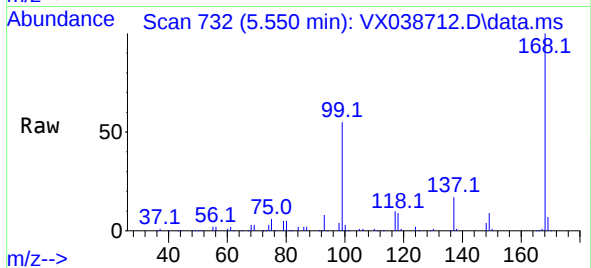




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

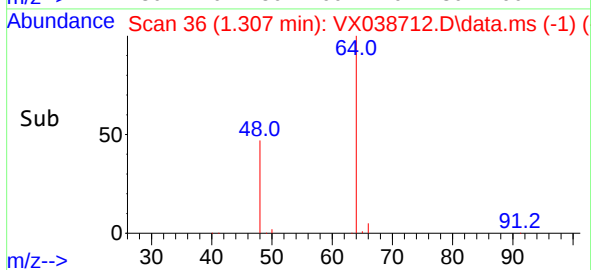
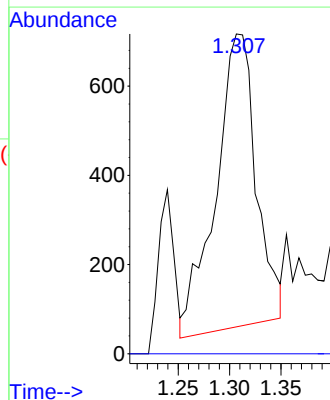
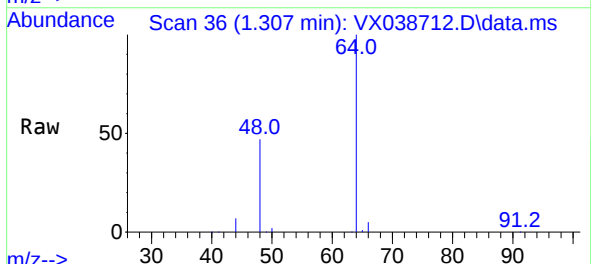
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 276393
Ion Ratio Lower Upper
168 100
99 54.5 56.6 85.0#

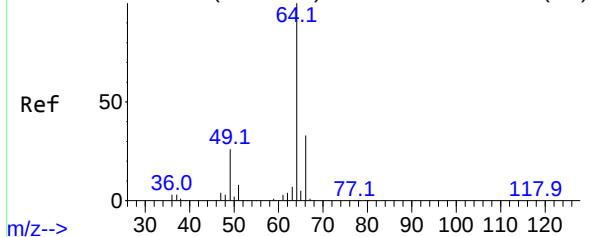


#3
Chloromethane
Concen: 0.725 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

Tgt Ion: 50 Resp: 1798
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



Abundance Scan 98 (1.684 min): VX038633.D\data.ms (-92)

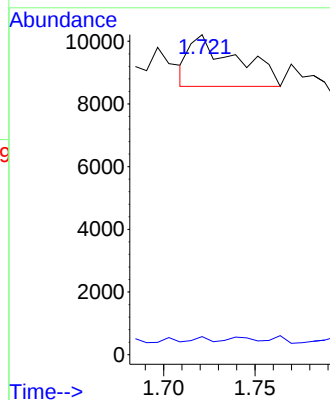
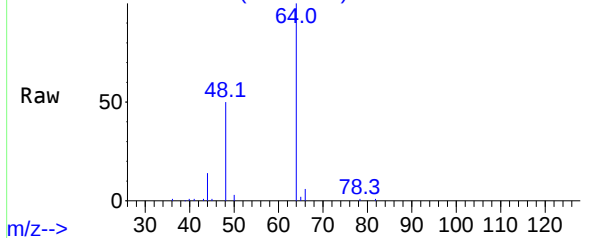


#6
Chloroethane
Concen: 1.771 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.037 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

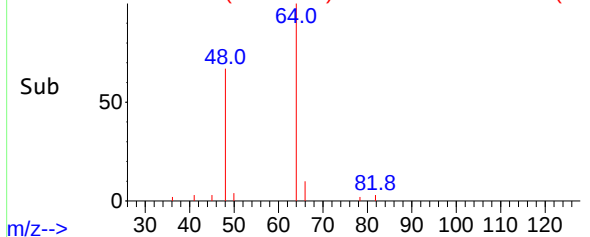
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 2961
Ion Ratio Lower Upper
64 100
66 10.4 25.1 37.7#

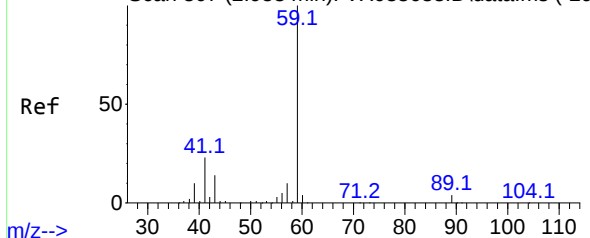
Abundance Scan 104 (1.721 min): VX038712.D\data.ms



Abundance Scan 104 (1.721 min): VX038712.D\data.ms (-49)



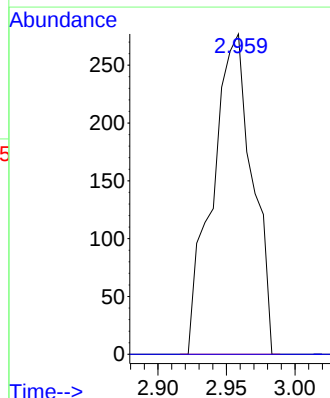
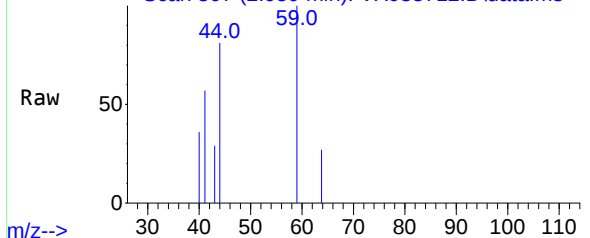
Abundance Scan 307 (2.958 min): VX038633.D\data.ms (-29)



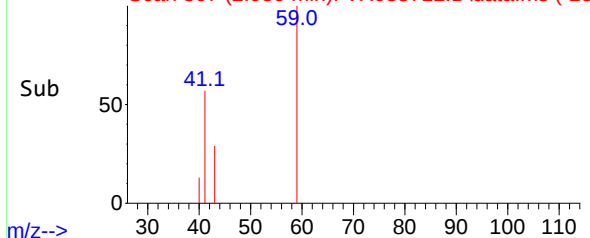
#11
Tert butyl alcohol
Concen: 0.802 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

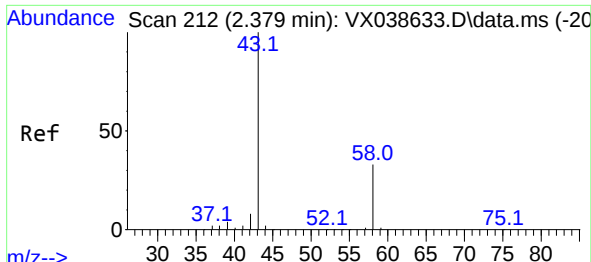
Tgt Ion: 59 Resp: 564
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

Abundance Scan 307 (2.959 min): VX038712.D\data.ms



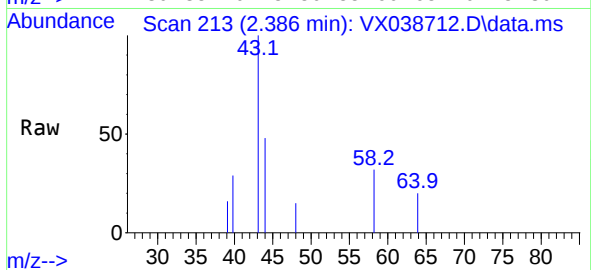
Abundance Scan 307 (2.959 min): VX038712.D\data.ms (-25)



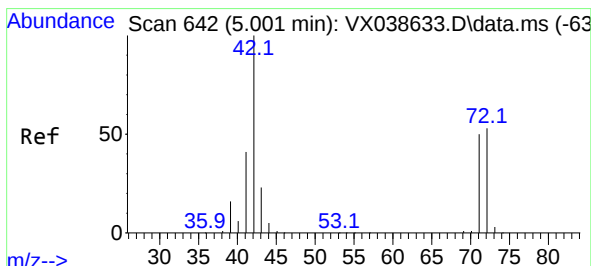
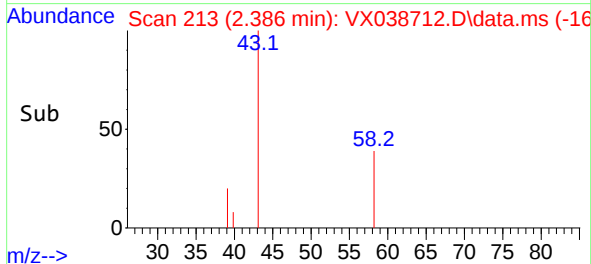
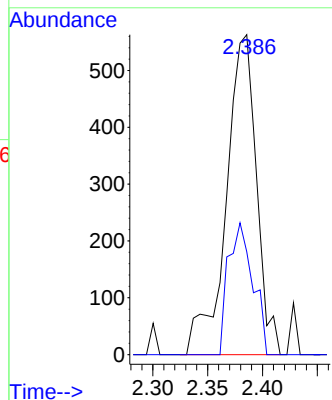


#16
Acetone
Concen: 0.749 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

Instrument :
MSVOA_X
ClientSampleId :

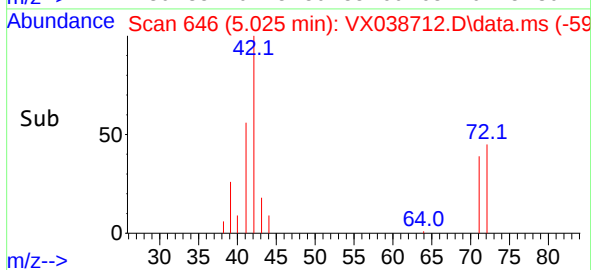
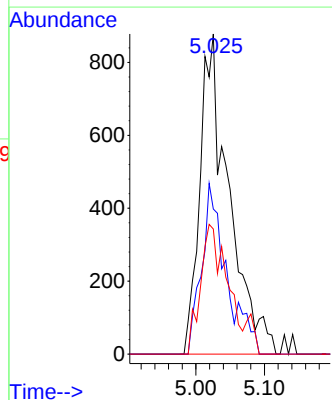
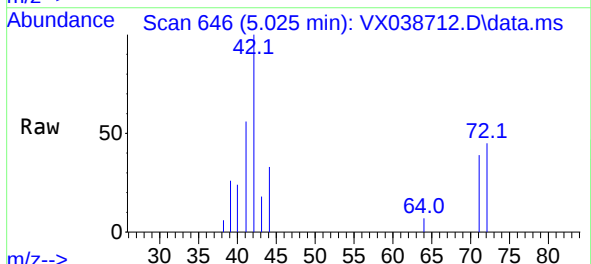


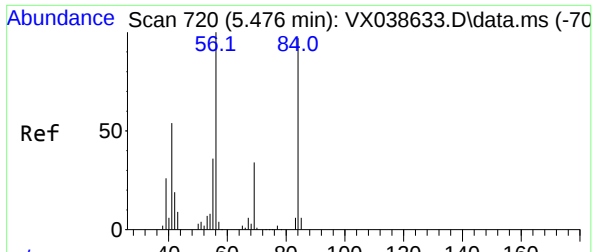
Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9



#29
Tetrahydrofuran
Concen: 1.976 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.025 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

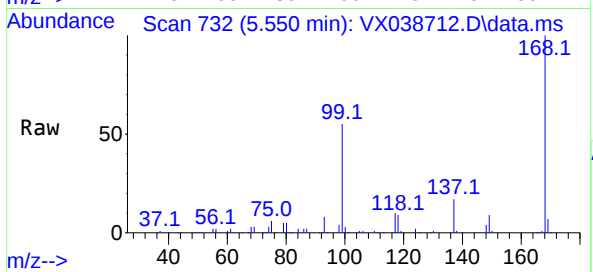
Tgt Ion: 42 Resp: 2581
Ion Ratio Lower Upper
42 100
72 39.1 34.2 51.4
71 37.0 32.2 48.2



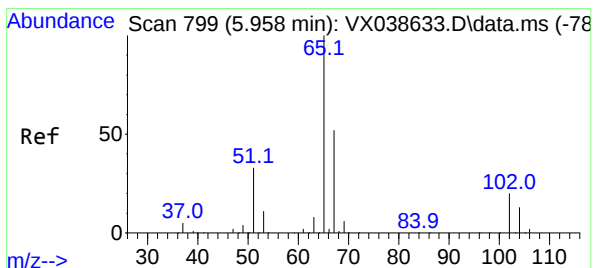
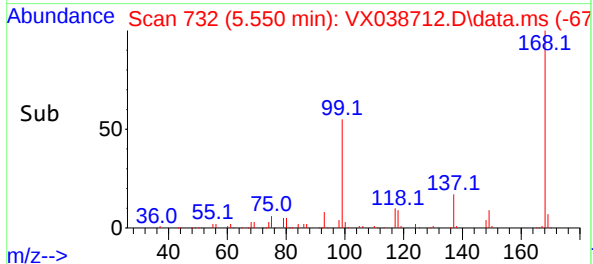
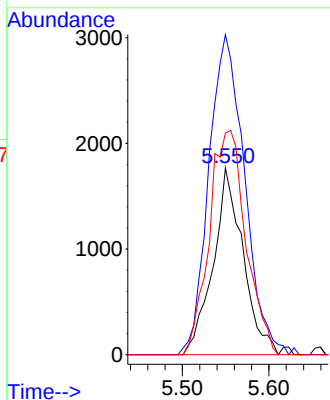


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

Instrument :
MSVOA_X
ClientSampleId :

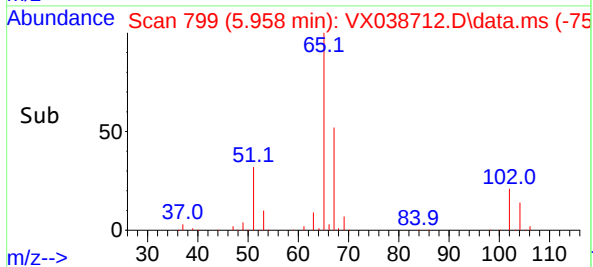
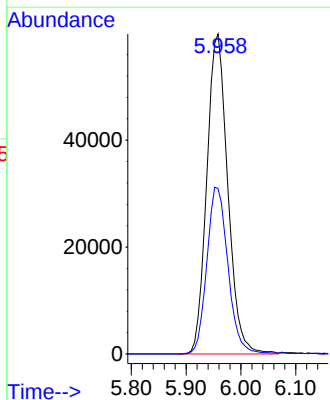
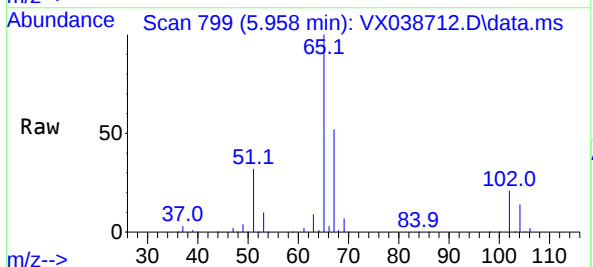


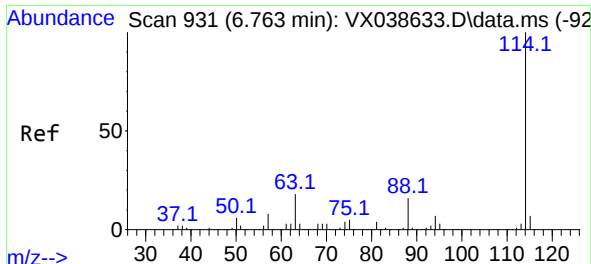
Tgt Ion: 56 Resp: 4242
Ion Ratio Lower Upper
56 100
69 171.3 23.4 35.2#
84 118.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.165 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

Tgt Ion: 65 Resp: 158852
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

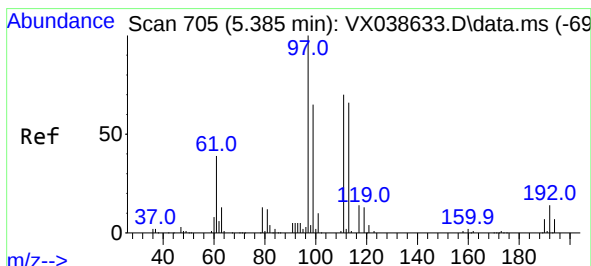
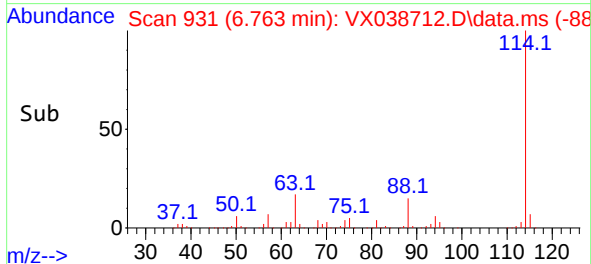
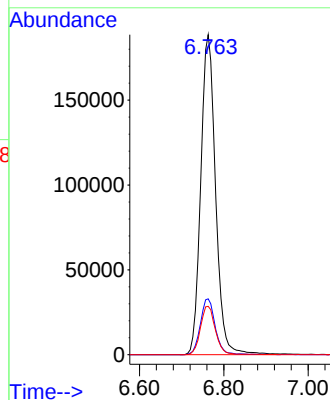
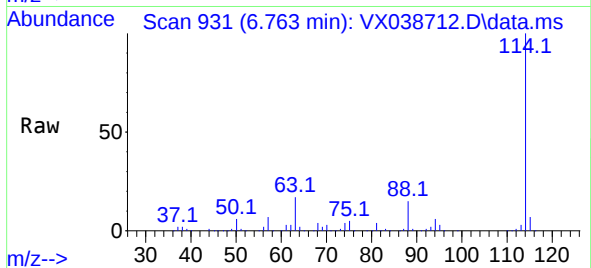




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

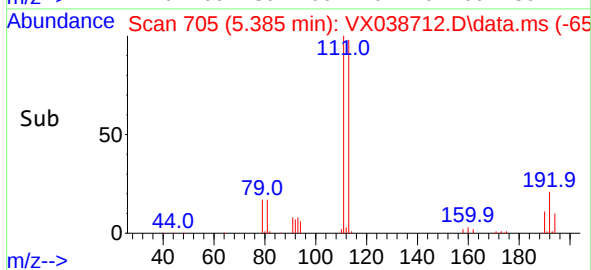
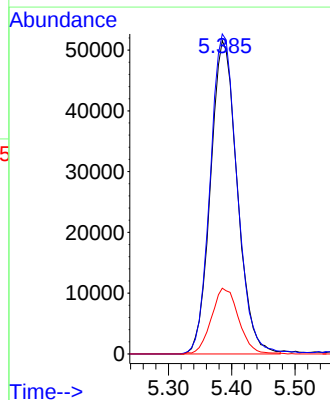
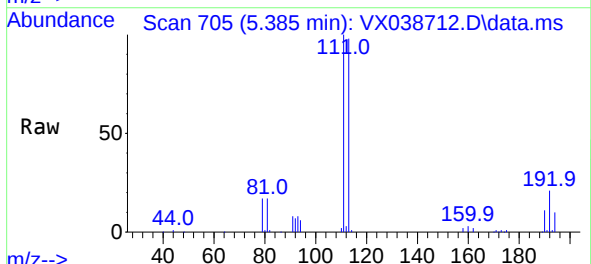
Instrument :
MSVOA_X
ClientSampleId :

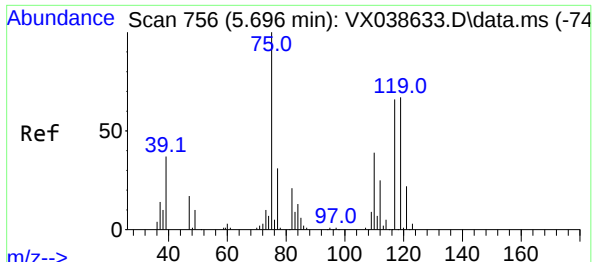
Tgt Ion:114 Resp: 461928
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.325 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

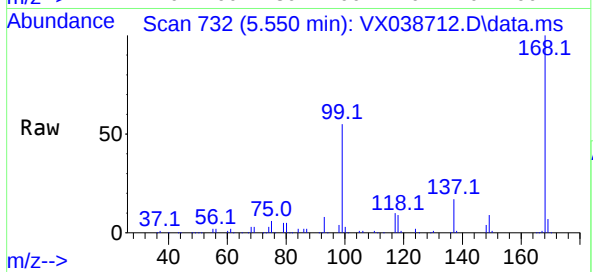
Tgt Ion:113 Resp: 150795
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 21.5 13.3 19.9#



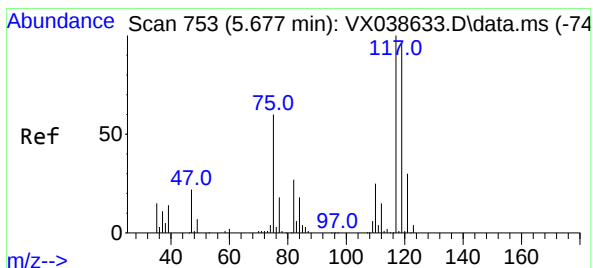
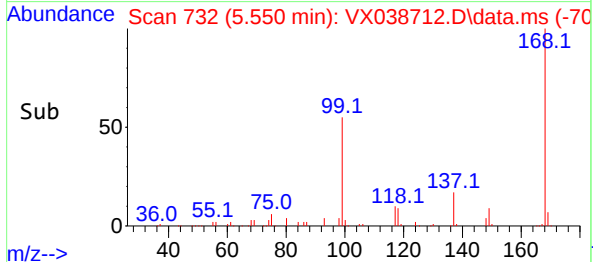
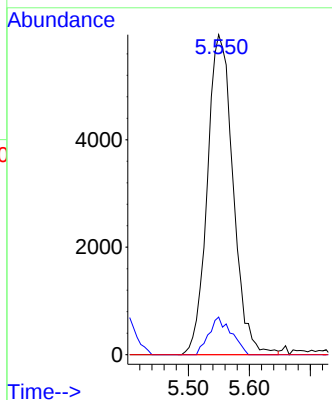


#36
1,1-Dichloropropene
Concen: 4.232 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

Instrument :
MSVOA_X
ClientSampleId :

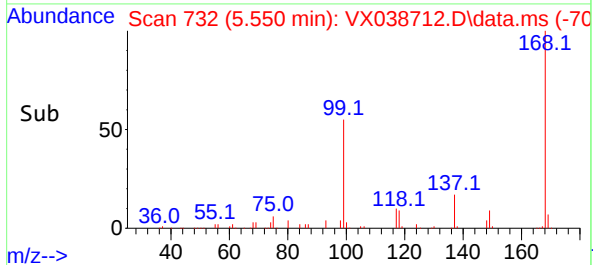
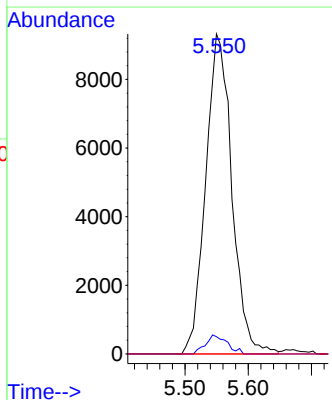
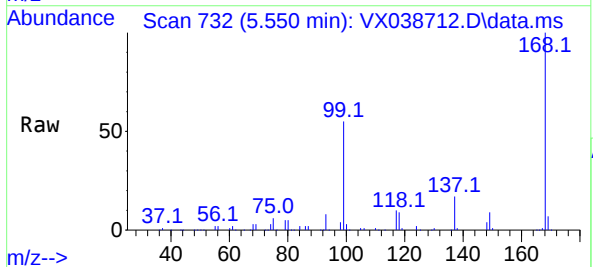


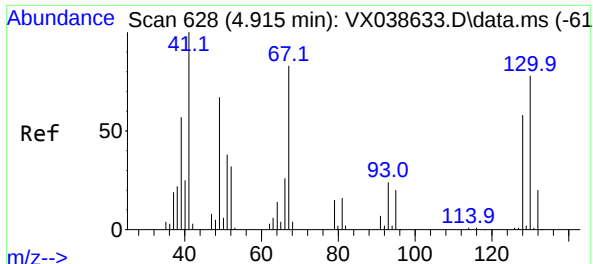
Tgt Ion: 75 Resp: 17488
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.805 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

Tgt Ion: 117 Resp: 26820
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

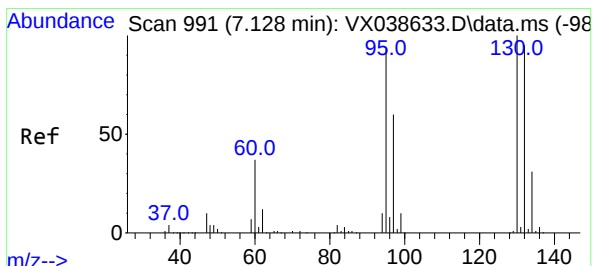
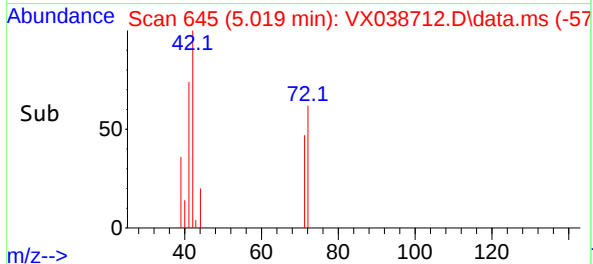
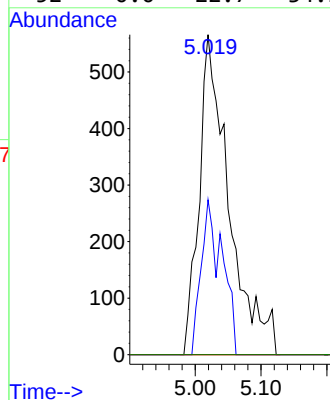
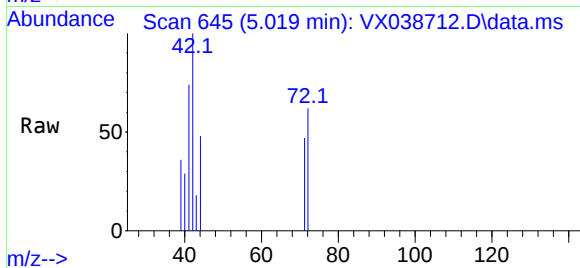




#41
Methacrylonitrile
Concen: 0.830 ug/l
RT: 5.019 min Scan# 641
Delta R.T. 0.104 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

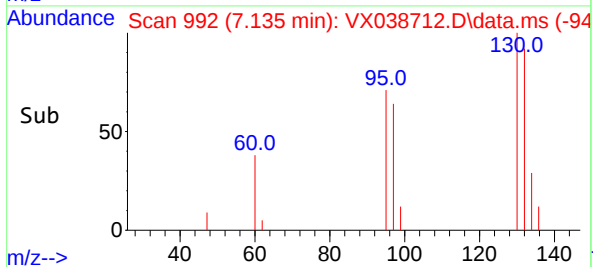
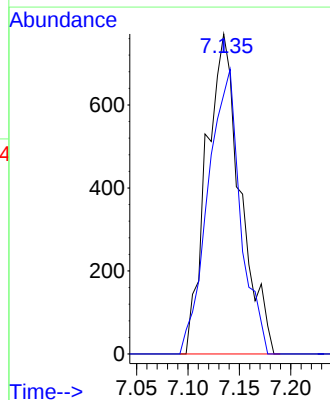
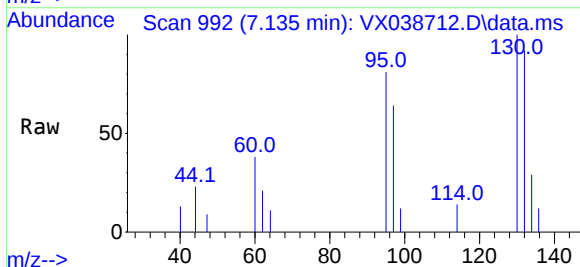
Instrument :
MSVOA_X
ClientSampleId :

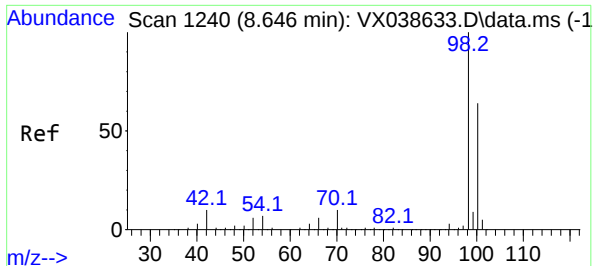
Tgt Ion: 41 Resp: 1785
Ion Ratio Lower Upper
41 100
39 34.1 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



#44
Trichloroethene
Concen: 0.478 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

Tgt Ion: 130 Resp: 1772
Ion Ratio Lower Upper
130 100
95 81.1 0.0 204.4

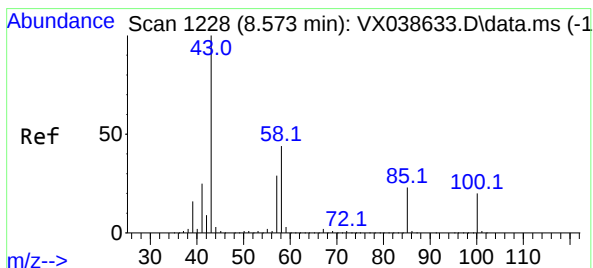
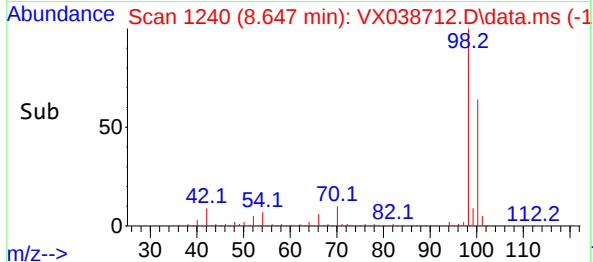
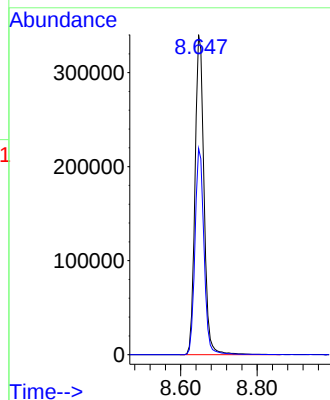
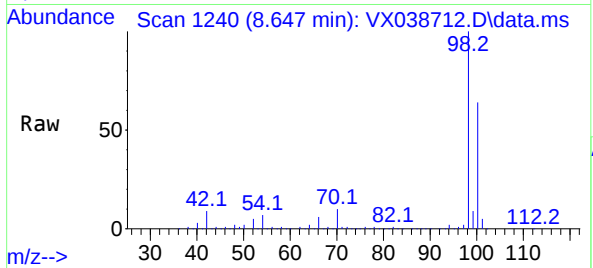




#50
Toluene-d8
Concen: 46.534 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

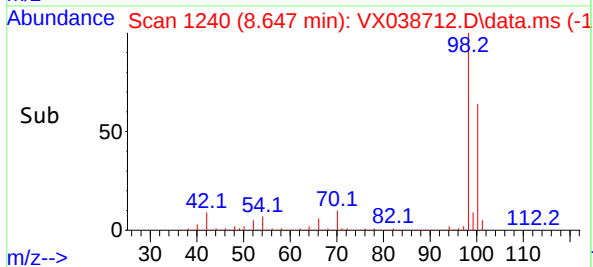
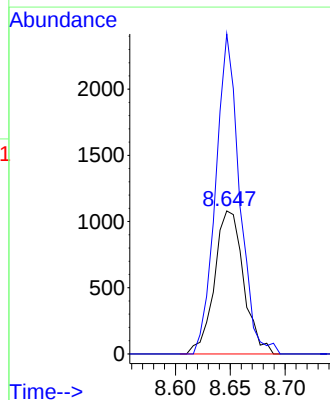
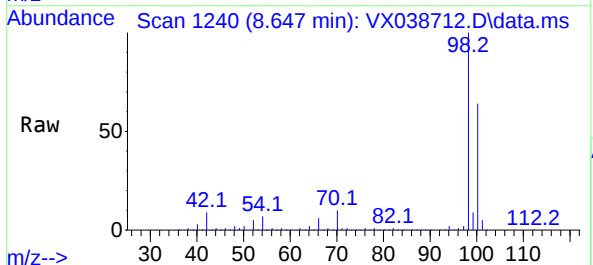
Instrument :
MSVOA_X
ClientSampleId :

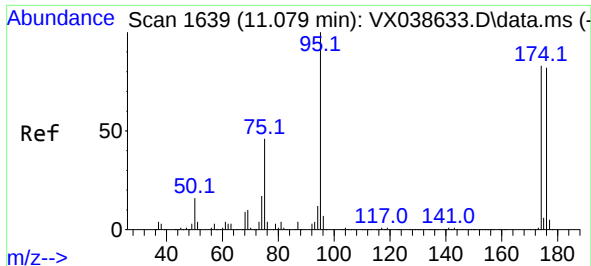
Tgt Ion: 98 Resp: 553994
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

Tgt Ion: 43 Resp: 1995
Ion Ratio Lower Upper
43 100
58 184.6 30.4 45.6#

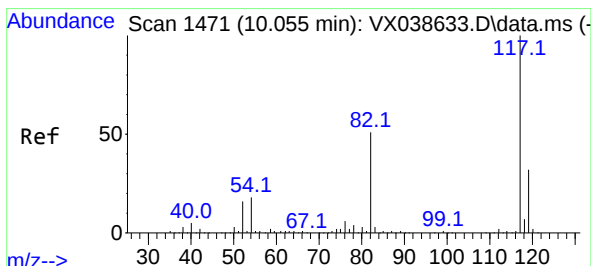
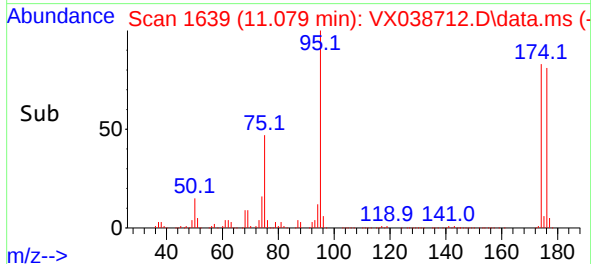
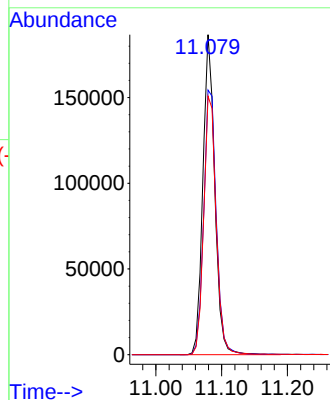
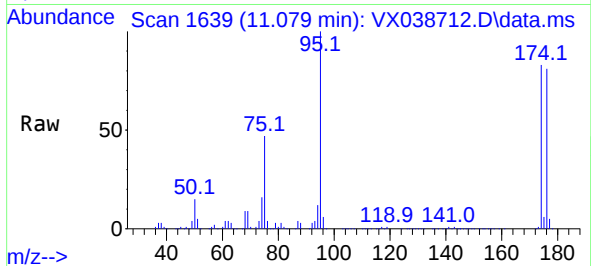




#62
4-Bromofluorobenzene
Concen: 50.905 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

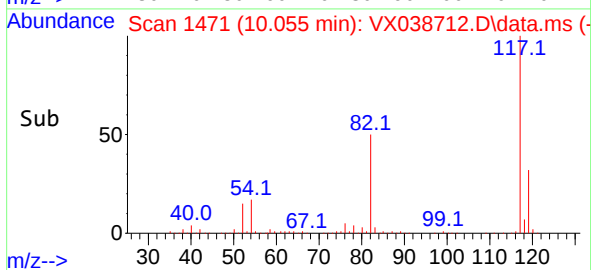
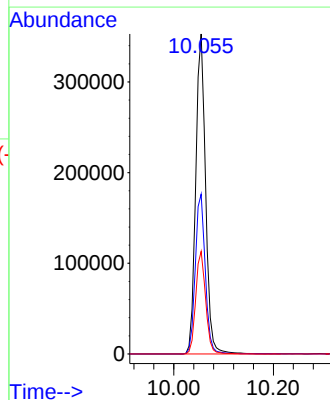
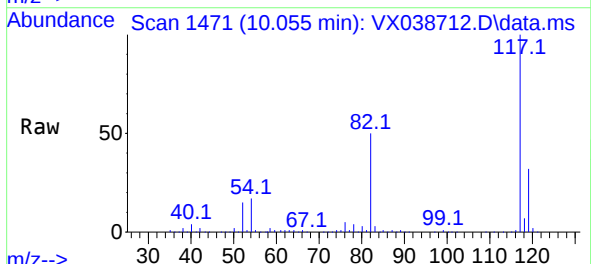
Instrument :
MSVOA_X
ClientSampleId :

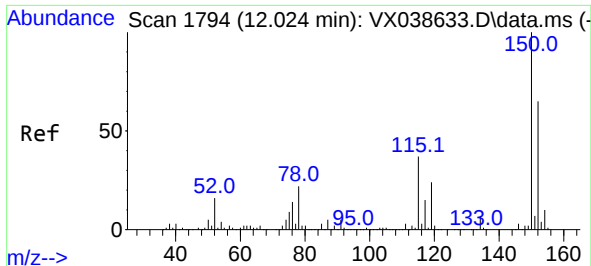
Tgt Ion: 95 Resp: 234965
Ion Ratio Lower Upper
95 100
174 87.7 0.0 135.6
176 84.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

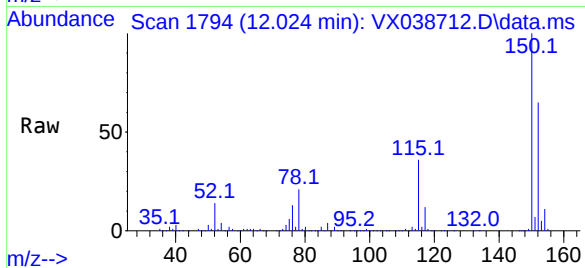
Tgt Ion: 117 Resp: 484377
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.1 25.5 38.3



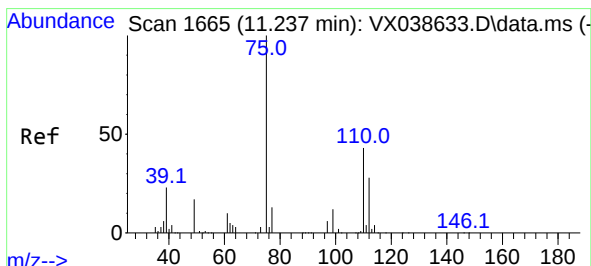
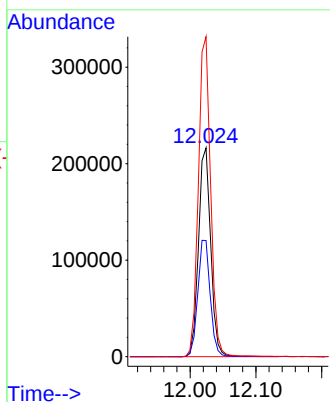
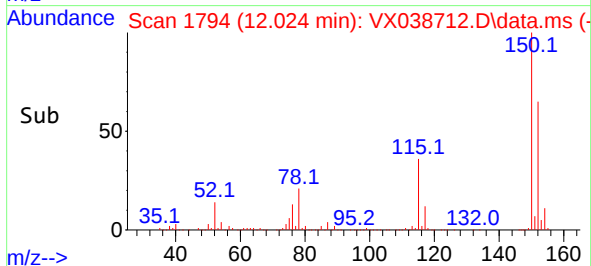


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

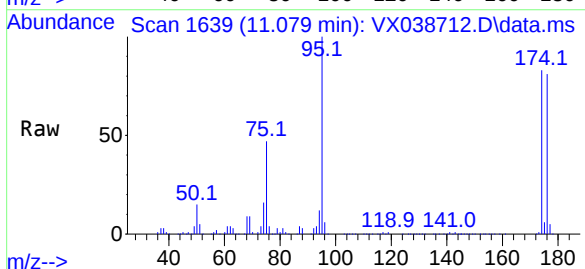
Instrument :
MSVOA_X
ClientSampleId :



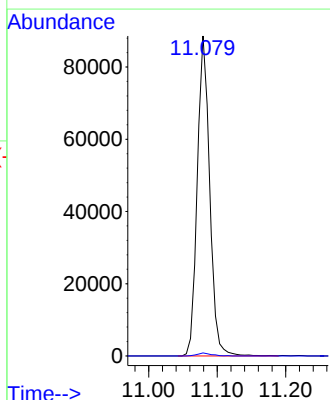
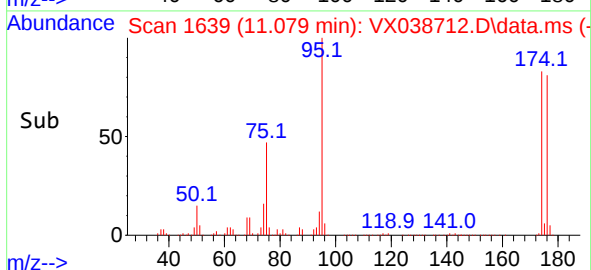
Tgt Ion:152 Resp: 279238
Ion Ratio Lower Upper
152 100
115 56.7 43.3 129.9
150 153.7 0.0 345.0

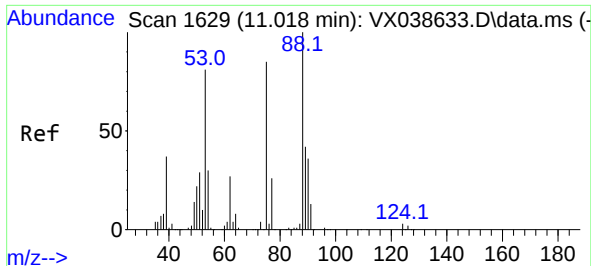


#76
1,2,3-Trichloropropane
Concen: 20.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08



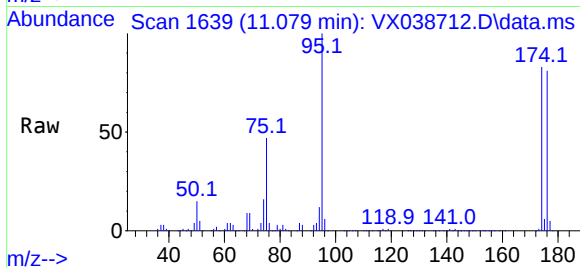
Tgt Ion: 75 Resp: 111983
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



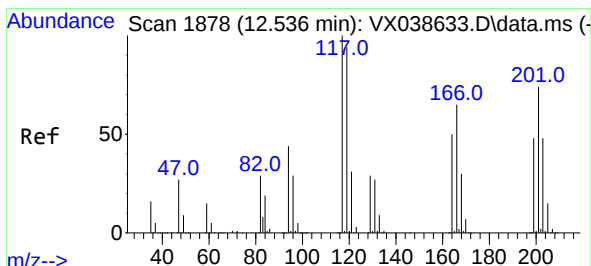
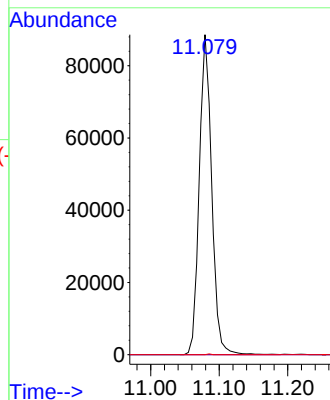
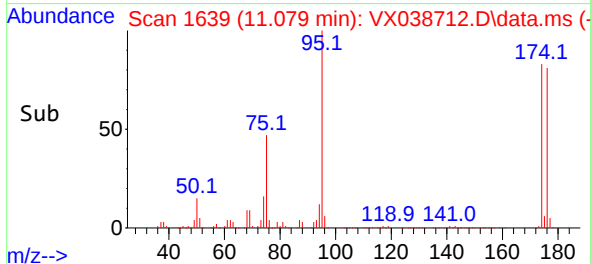


#81
trans-1,4-Dichloro-2-butene
Concen: 61.802 ug/l
RT: 11.079 min Scan# 111983
Delta R.T. 0.061 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 111983
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#90
Hexachloroethane
Concen: 0.203 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX038712.D
Acq: 10 Nov 2023 08:08

Tgt Ion: 117 Resp: 545
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#

