

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035510.D
 Acq On : 03 May 2023 15:24
 Operator : JC/MD
 Sample : 02567-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-29-04

Quant Time: May 04 03:57:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

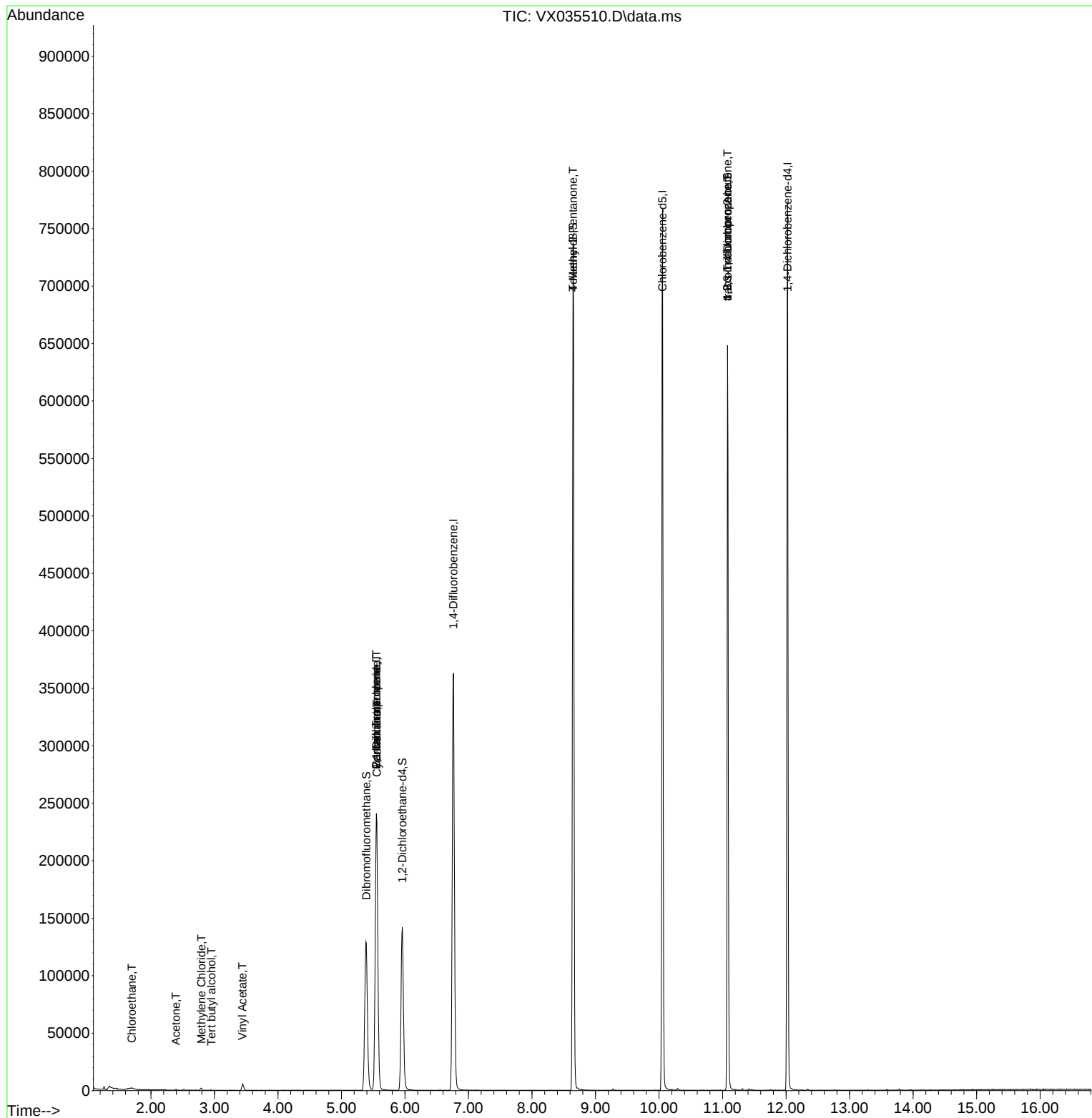
Internal Standards						
1) Pentafluorobenzene	5.550	168	239592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	384833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138351	47.863	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.720%
35) Dibromofluoromethane	5.391	113	117706	49.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.660%
50) Toluene-d8	8.647	98	447934	50.272	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.540%
62) 4-Bromofluorobenzene	11.079	95	176980	52.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.600%
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	288	0.213	ug/l #	42
11) Tert butyl alcohol	2.953	59	124	0.236	ug/l #	73
16) Acetone	2.392	43	1014	0.808	ug/l #	87
20) Methylene Chloride	2.794	84	1047	0.364	ug/l #	77
23) Vinyl Acetate	3.440	43	1223	0.220	ug/l #	67
31) Cyclohexane	5.556	56	4446	1.084	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16209	4.395	ug/l #	51
38) Carbon Tetrachloride	5.550	117	23839	6.809	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1651	0.475	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85803	25.365	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	85803	82.151	ug/l #	8

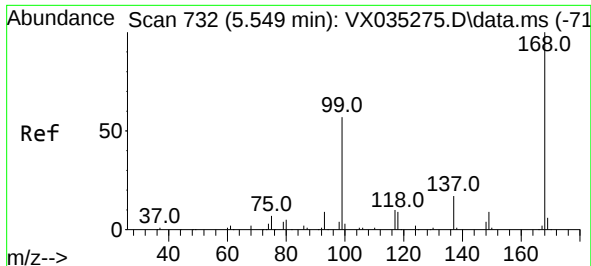
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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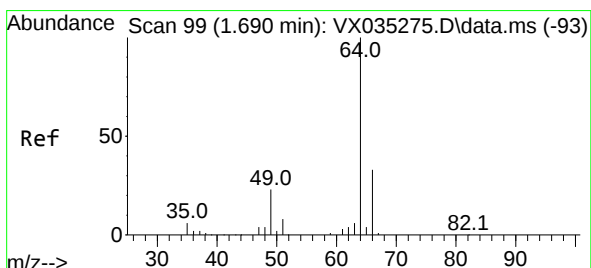
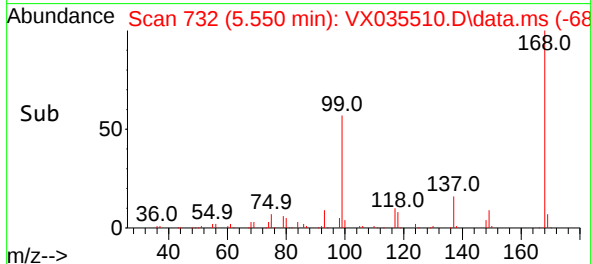
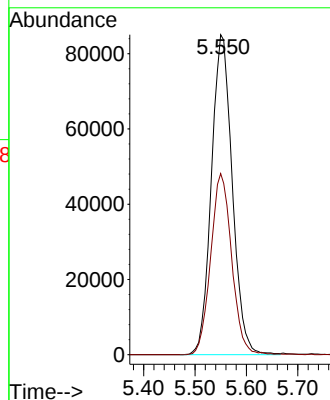
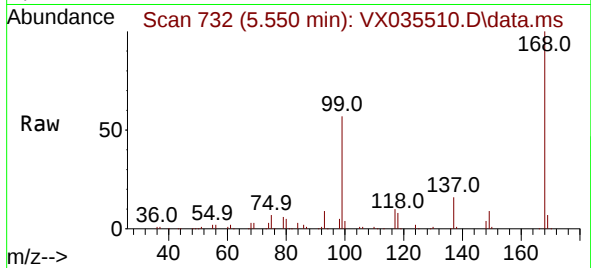




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

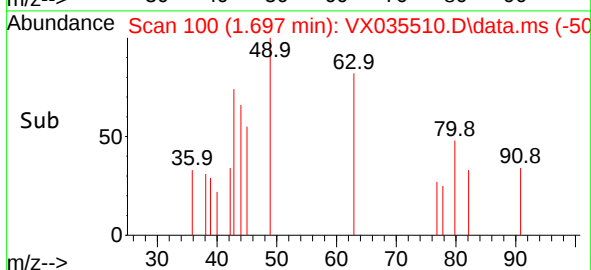
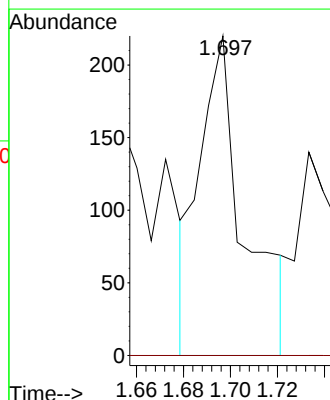
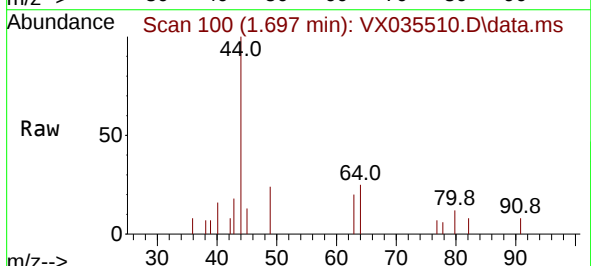
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-29-04

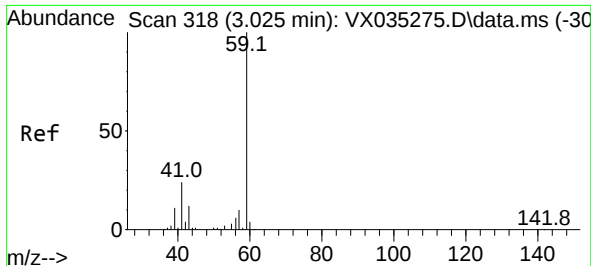
Tgt Ion:168 Resp: 239592
Ion Ratio Lower Upper
168 100
99 56.6 45.7 68.5



#6
Chloroethane
Concen: 0.213 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.007 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

Tgt Ion: 64 Resp: 288
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

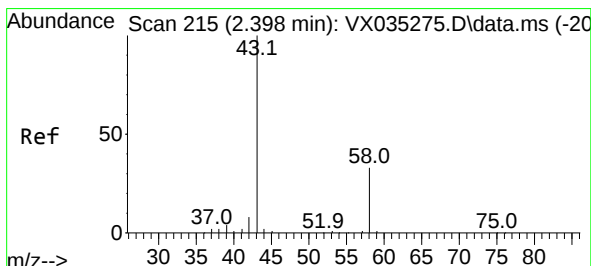
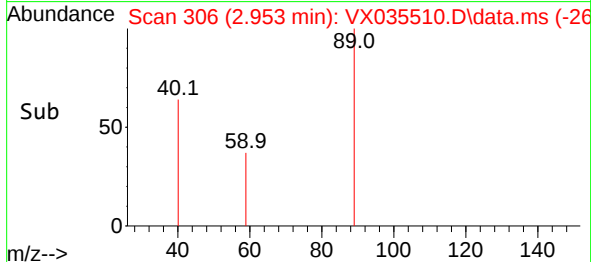
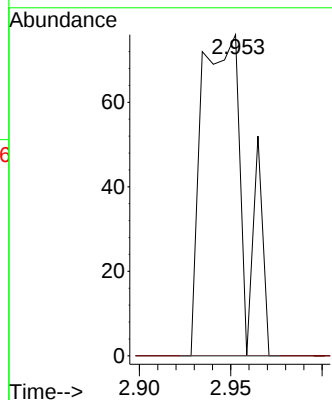
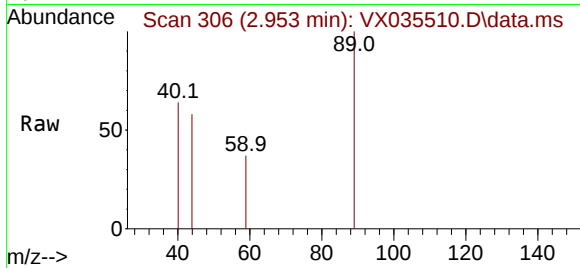




#11
Tert butyl alcohol
Concen: 0.236 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.072 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

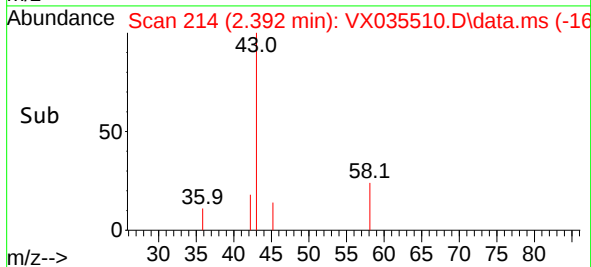
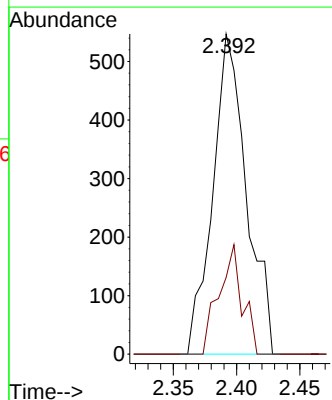
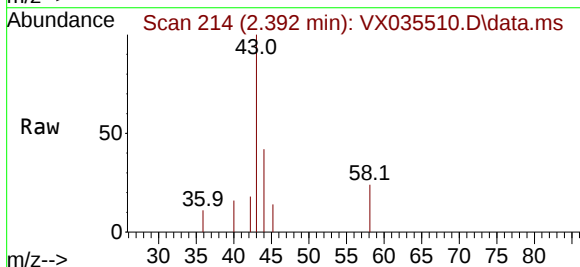
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-29-04

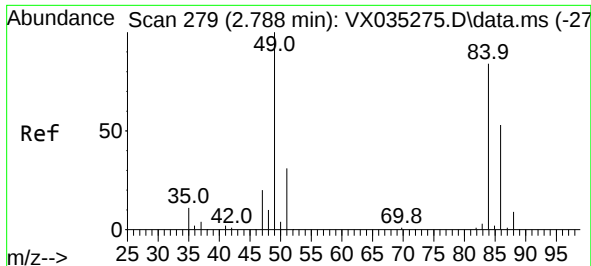
Tgt Ion: 59 Resp: 124
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 0.808 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 23.9 24.7 37.1#

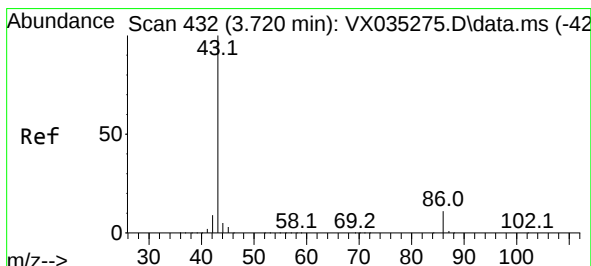
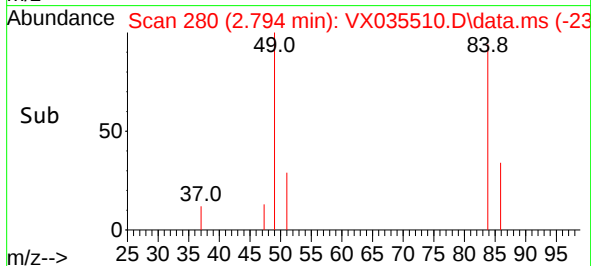
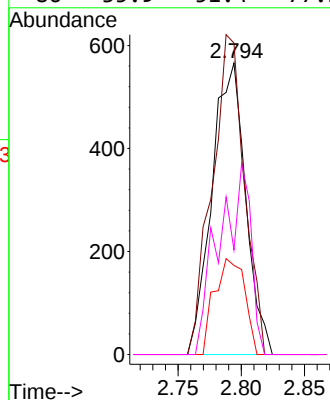
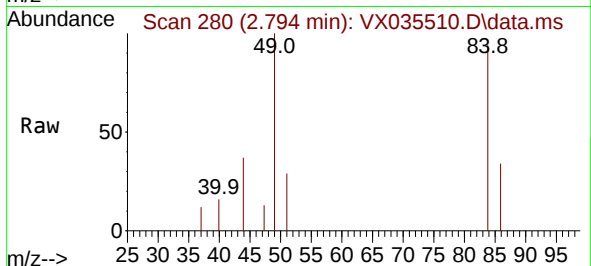




#20
Methylene Chloride
Concen: 0.364 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

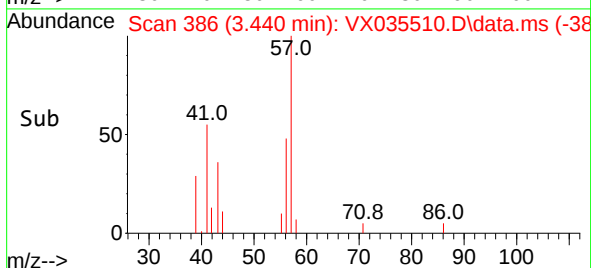
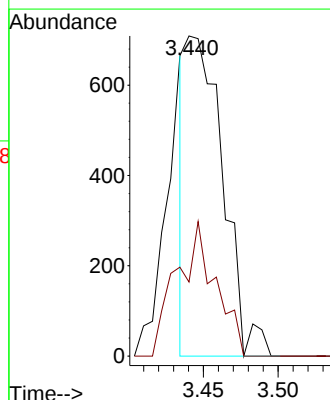
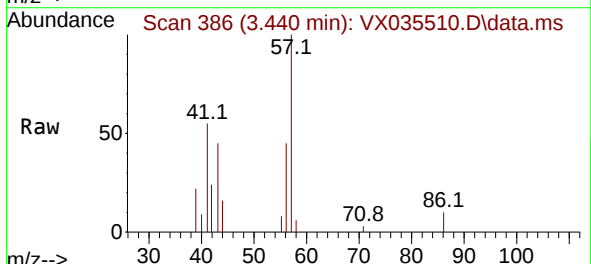
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-29-04

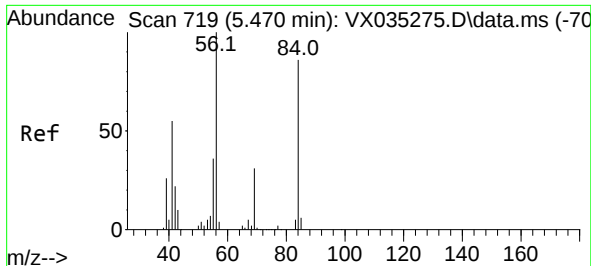
Tgt Ion: 84	Resp: 1047
Ion Ratio	Lower Upper
84 100	
49 106.9	103.8 155.8
51 30.6	31.8 47.8#
86 35.9	51.4 77.2#



#23
Vinyl Acetate
Concen: 0.220 ug/l
RT: 3.440 min Scan# 386
Delta R.T. -0.280 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

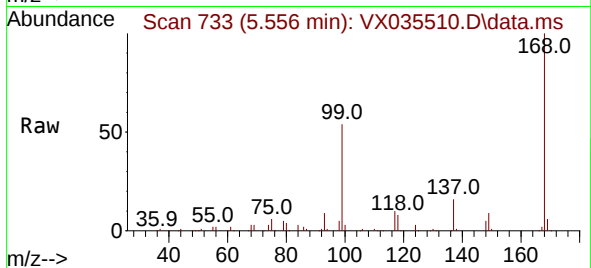
Tgt Ion: 43	Resp: 1223		
Ion Ratio	Lower	Upper	
43 100			
86 23.1	8.5	12.7#	



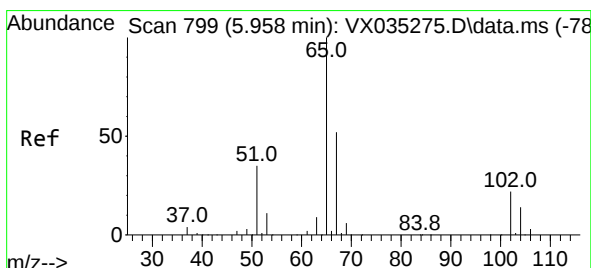
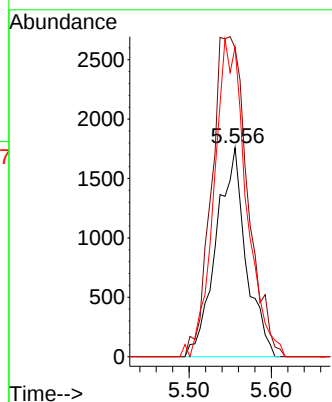
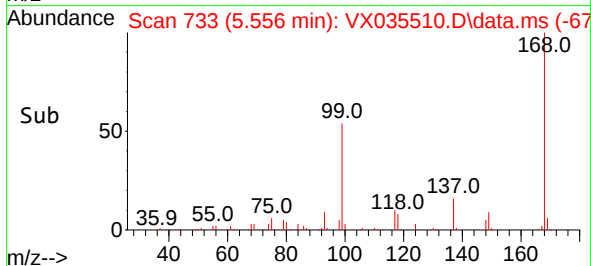


#31
Cyclohexane
Concen: 1.084 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

Instrument :
MSVOA_X
ClientSampleId :
EB-2023-29-04

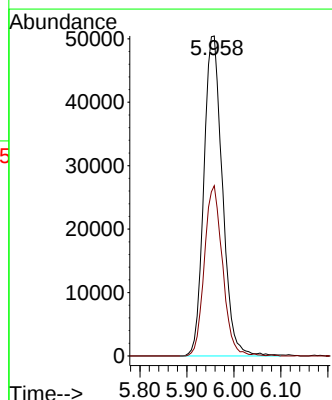
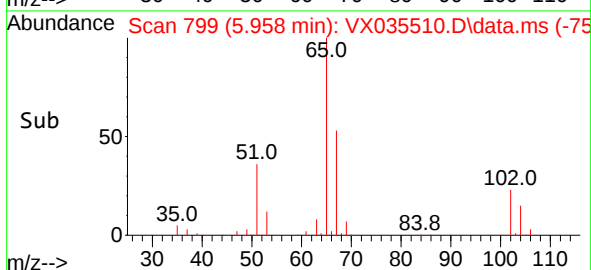
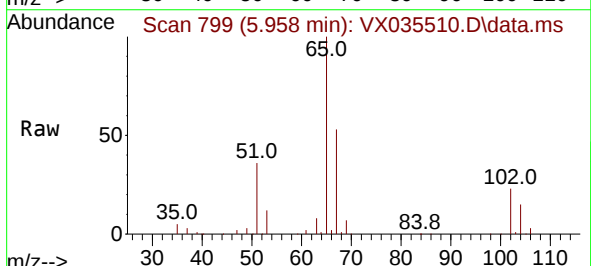


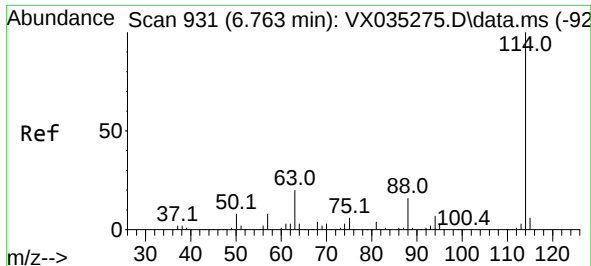
Tgt Ion: 56 Resp: 4446
Ion Ratio Lower Upper
56 100
69 147.8 23.7 35.5#
84 148.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.863 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

Tgt Ion: 65 Resp: 138351
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

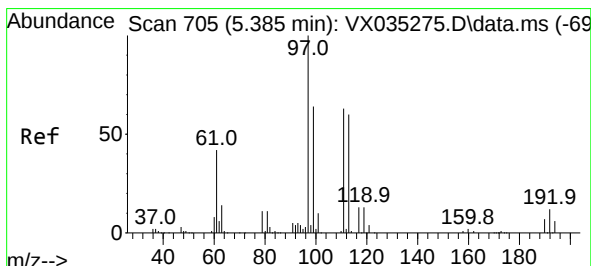
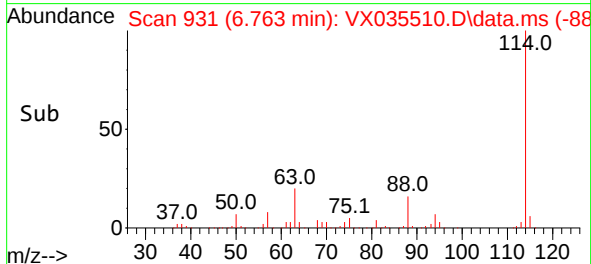
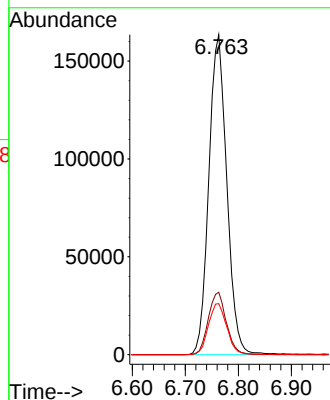
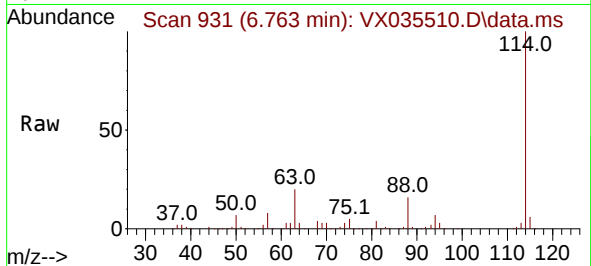




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

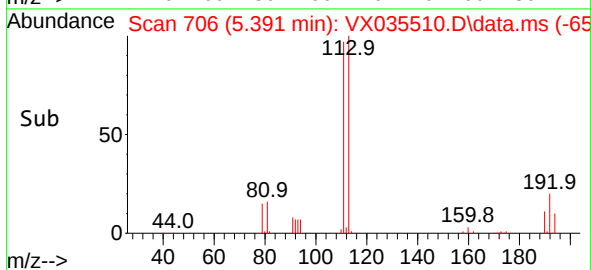
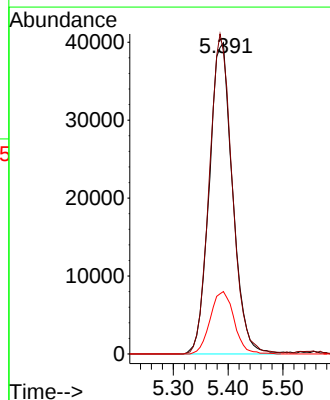
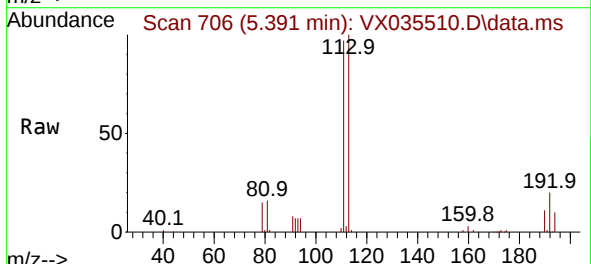
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MSVOA_X
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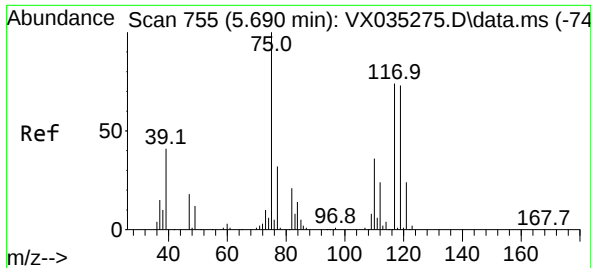
Tgt Ion:114 Resp: 384833
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.833 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

Tgt Ion:113 Resp: 117706
Ion Ratio Lower Upper
113 100
111 101.1 83.7 125.5
192 20.6 15.4 23.2

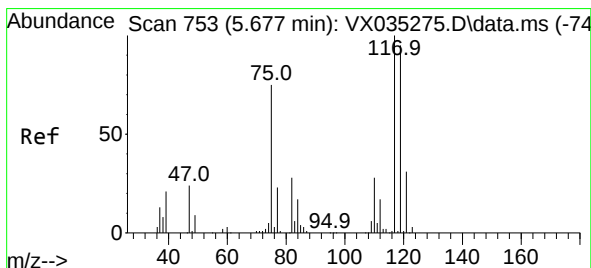
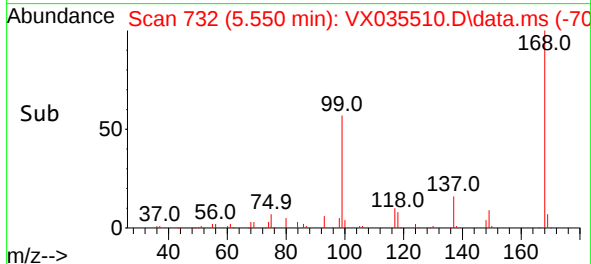
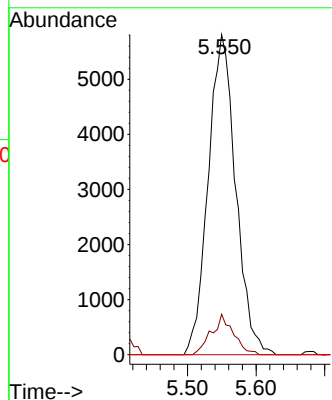
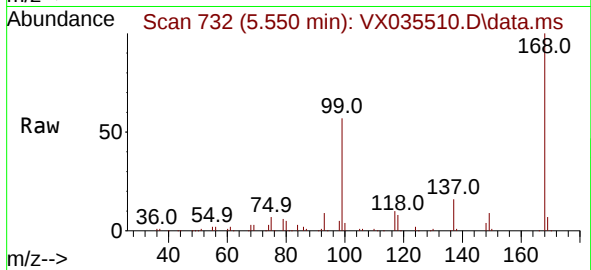




#36
 1,1-Dichloropropene
 Concen: 4.395 ug/l
 RT: 5.550 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX035510.D
 Acq: 03 May 2023 15:24

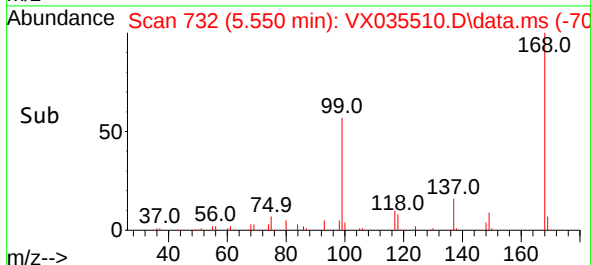
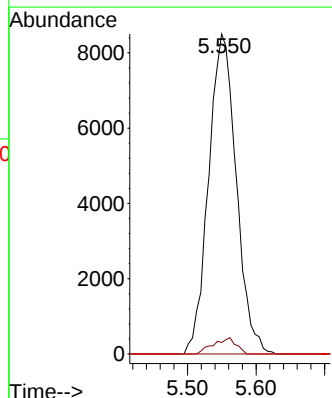
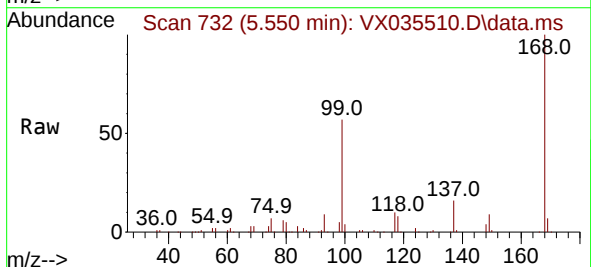
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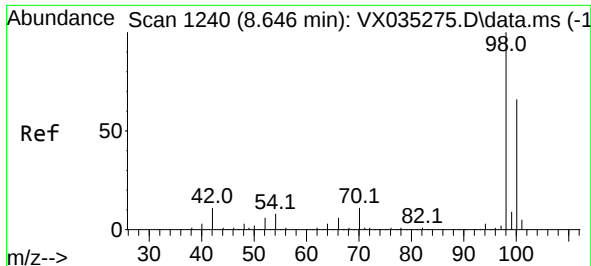
Tgt Ion: 75 Resp: 16209
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.809 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.127 min
 Lab File: VX035510.D
 Acq: 03 May 2023 15:24

Tgt Ion: 117 Resp: 23839
 Ion Ratio Lower Upper
 117 100
 119 3.6 76.6 114.8#
 121 0.0 23.8 35.6#

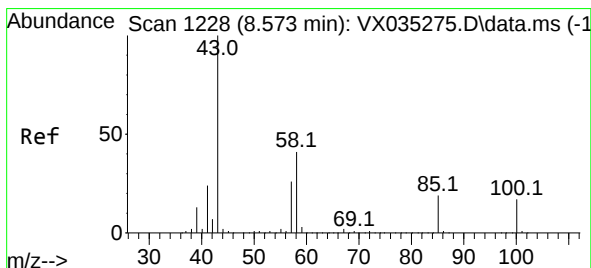
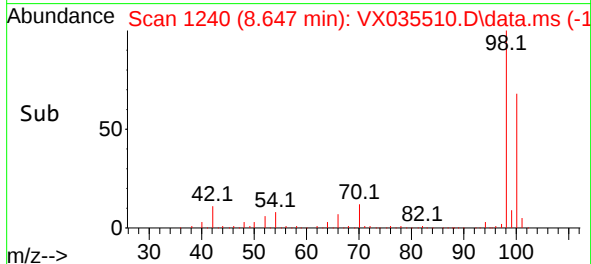
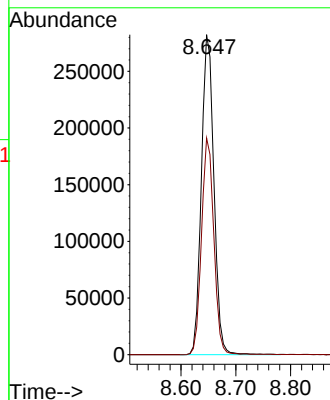
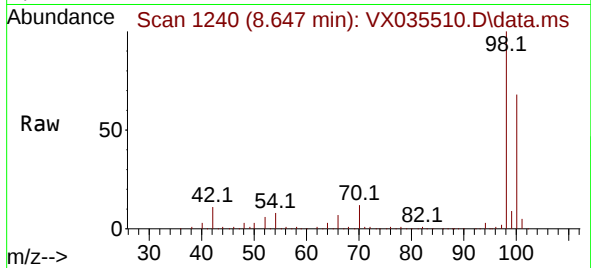




#50
Toluene-d8
Concen: 50.272 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

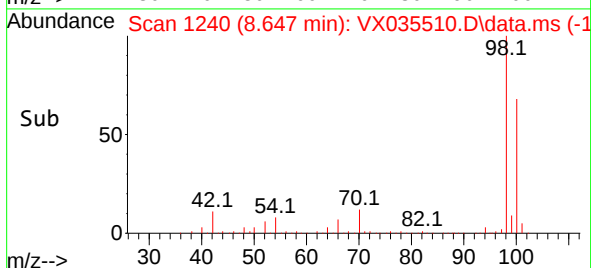
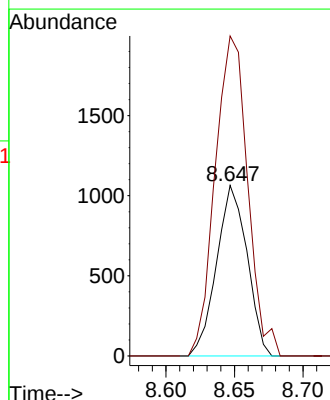
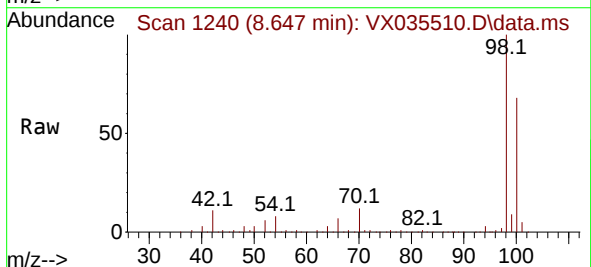
Instrument :
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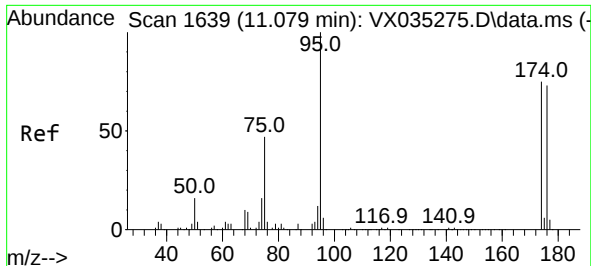
Tgt Ion: 98 Resp: 447934
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.475 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 199.5 30.6 46.0#

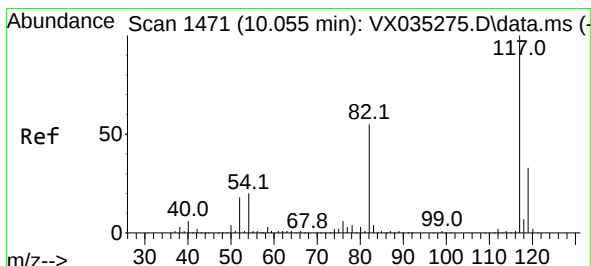
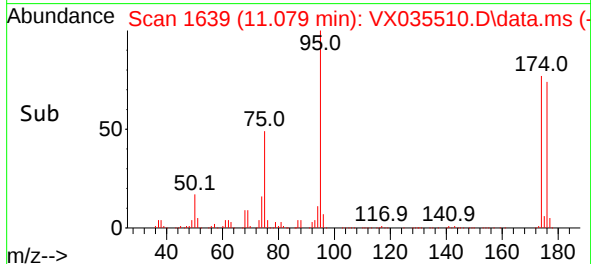
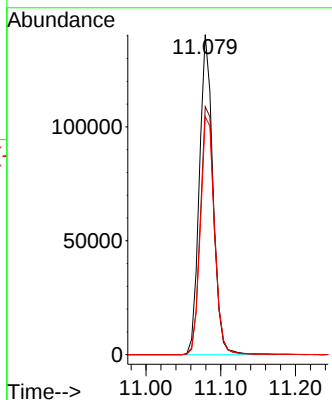
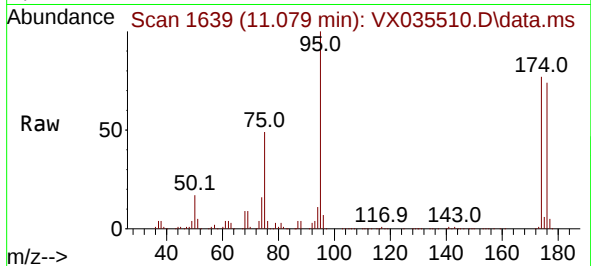




#62
4-Bromofluorobenzene
Concen: 52.801 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

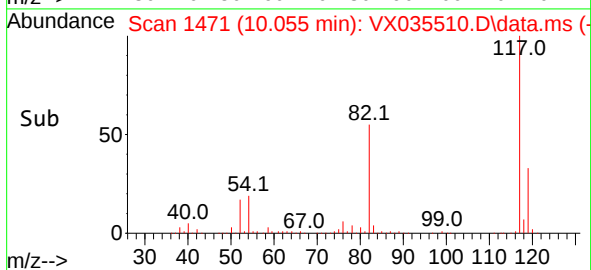
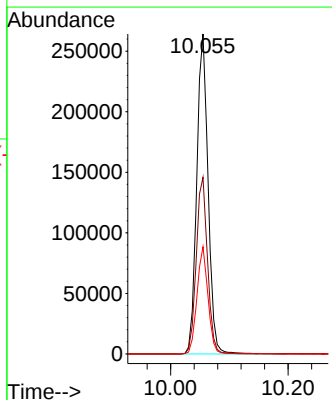
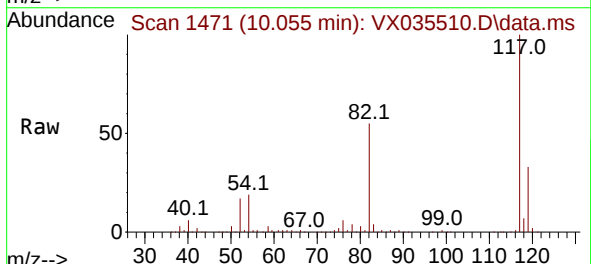
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-29-04

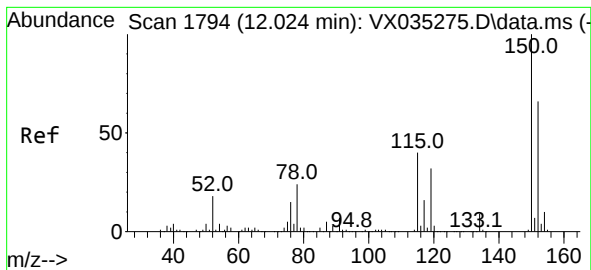
Tgt Ion: 95 Resp: 176980
Ion Ratio Lower Upper
95 100
174 80.7 0.0 147.4
176 77.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035510.D
Acq: 03 May 2023 15:24

Tgt Ion: 117 Resp: 354279
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 33.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035510.D

Acq: 03 May 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

EB-2023-29-04

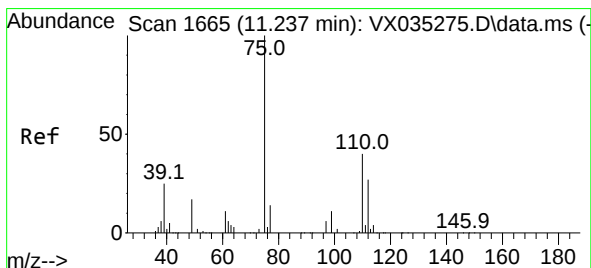
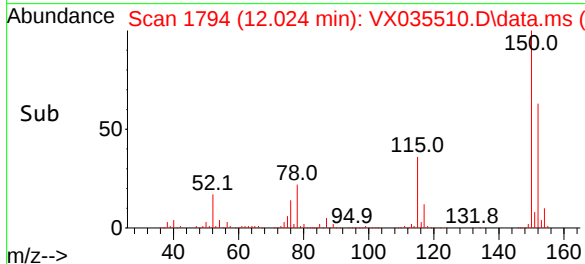
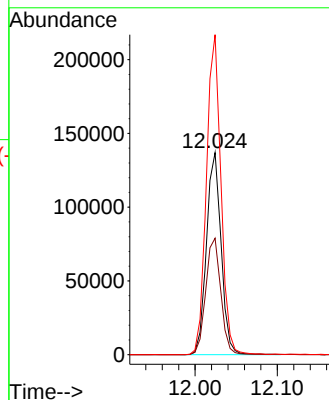
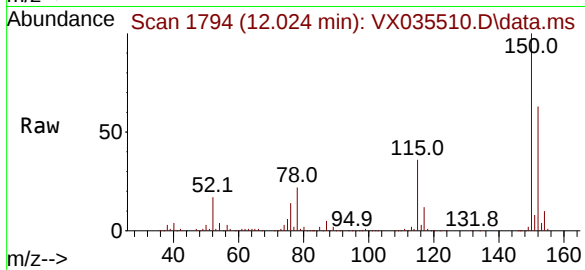
Tgt Ion:152 Resp: 169583

Ion Ratio Lower Upper

152 100

115 59.2 45.0 135.0

150 157.0 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 25.365 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035510.D

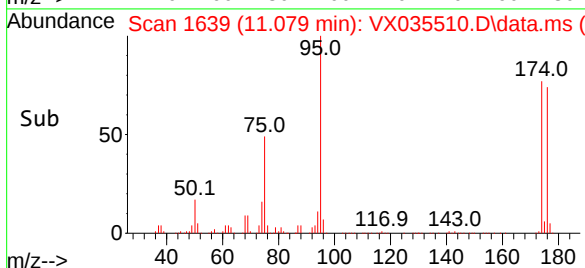
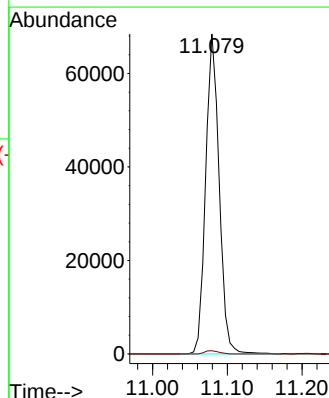
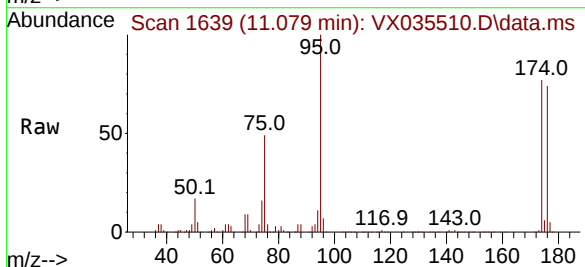
Acq: 03 May 2023 15:24

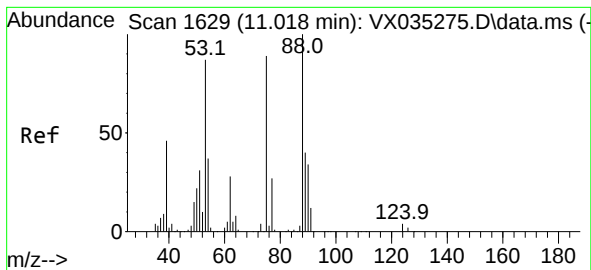
Tgt Ion: 75 Resp: 85803

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.151 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035510.D
 Acq: 03 May 2023 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-29-04

Tgt Ion: 75 Resp: 85803
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

