

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
 Data File : VL037680.D
 Acq On : 27 Sep 2021 14:42
 Operator : SY/AP
 Sample : M3949-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9BDL

Manual Integrations
 APPROVED

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 10/1/2021 11:04:57 AM

Quant Time: Sep 28 20:07:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 1
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1581964	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4681444	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3937170	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2696429	9.48	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.62	45	232824	22.614	ppbv	96
15) Acetone	3.87	43	257627m	1.567	ppbv	
19) Isopropyl Alcohol	3.98	45	276696	3.094	ppbv #	95
52) Tetrachloroethene	11.22	164	6229m	0.042	ppbv	

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

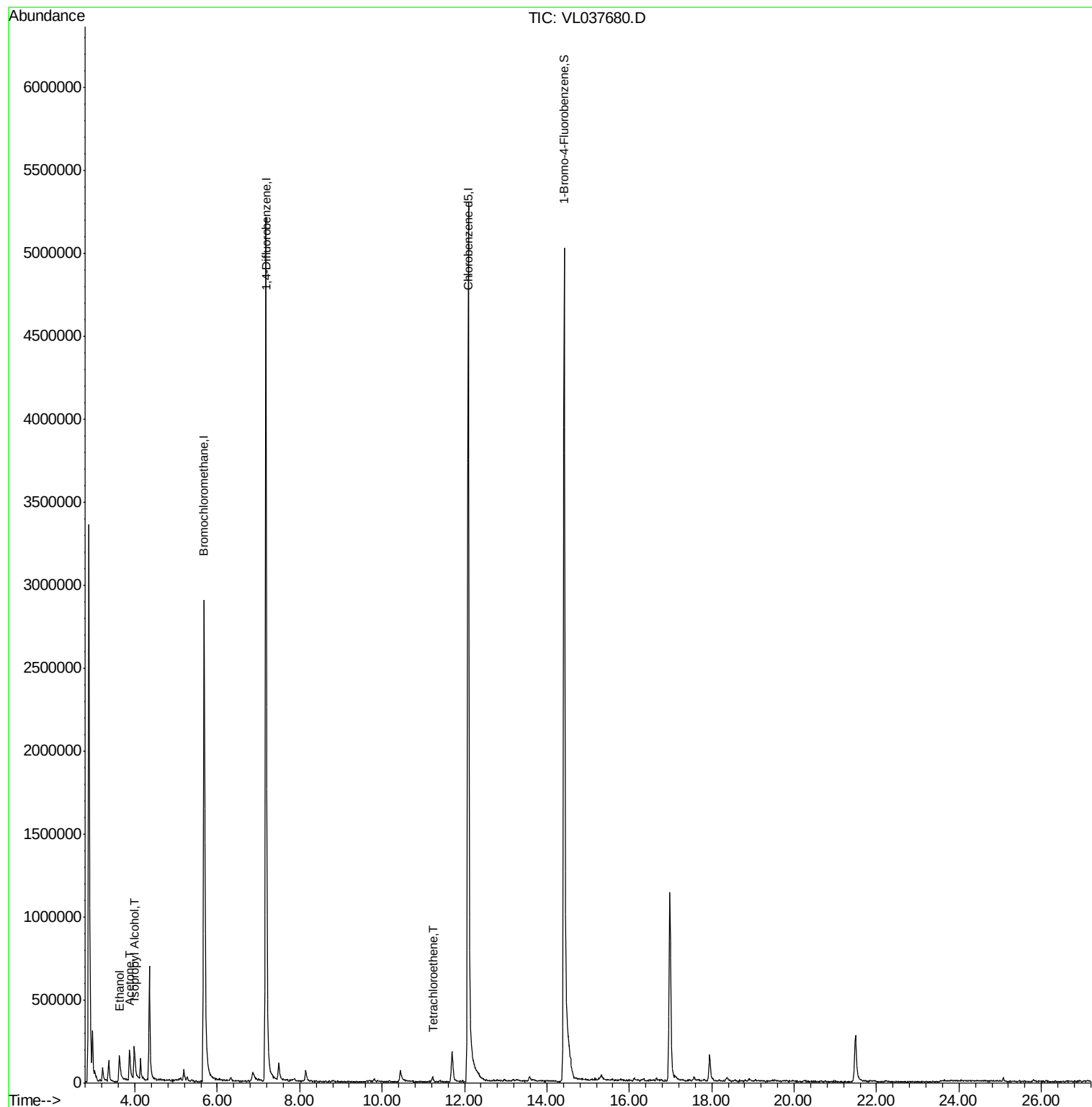
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
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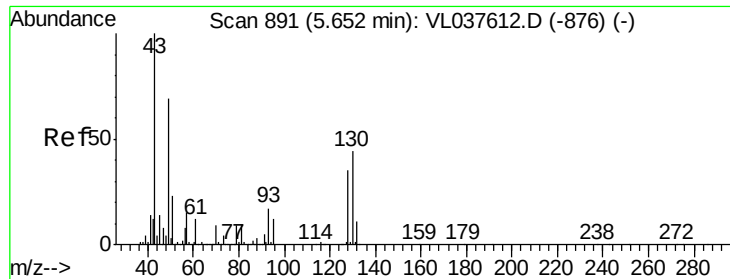
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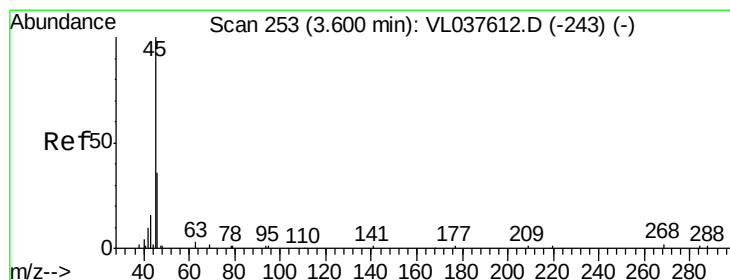
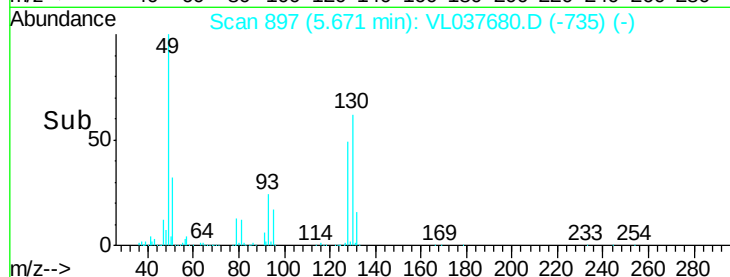
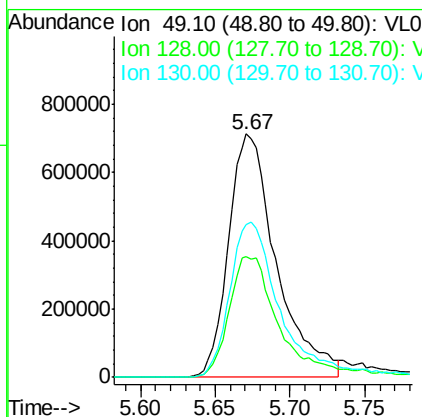
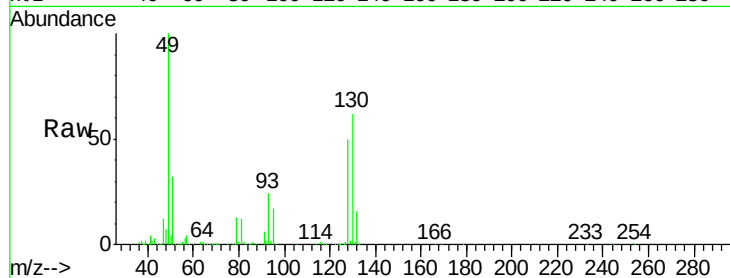
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.02 min
Lab File: VL037680.D
Acq: 27 Sep 2021 14:42

Instrument :
MSVOA_L
ClientSampleId :
IA-9BDL

Tgt Ion: 49 Resp: 1581964
Ion Ratio Lower Upper
49 100
128 53.8 27.9 83.6
130 69.5 33.9 101.7

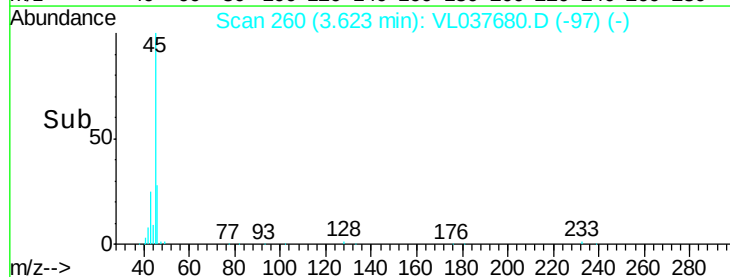
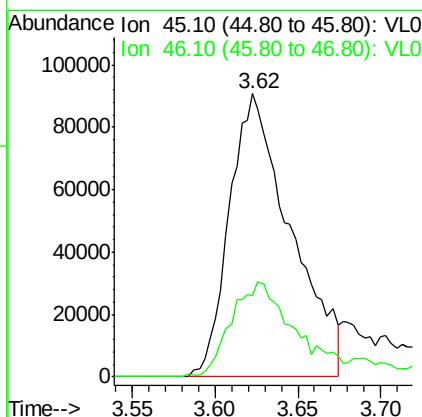
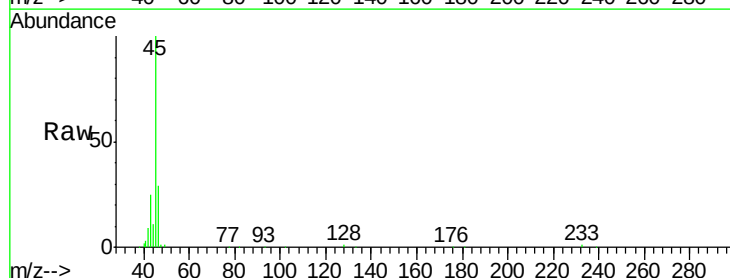
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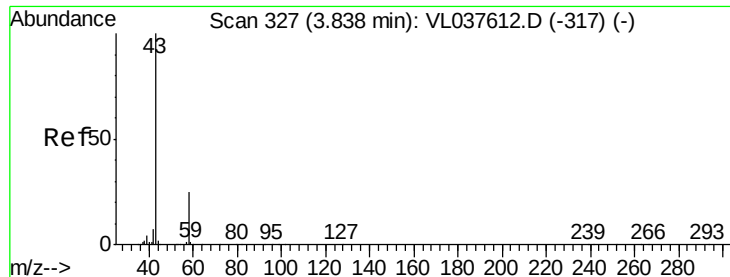
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#13
Ethanol
Concen: 22.614 ppbv
RT: 3.62 min Scan# 260
Delta R.T. 0.02 min
Lab File: VL037680.D
Acq: 27 Sep 2021 14:42

Tgt Ion: 45 Resp: 232824
Ion Ratio Lower Upper
45 100
46 40.4 17.2 68.8





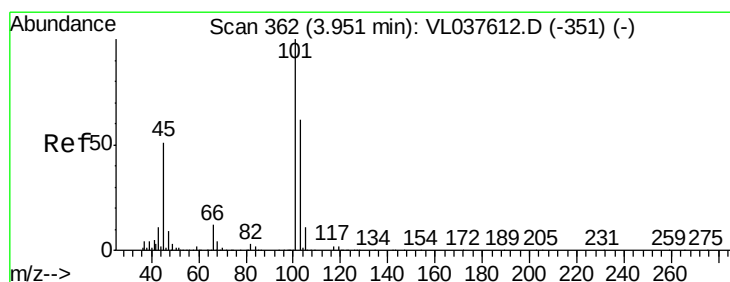
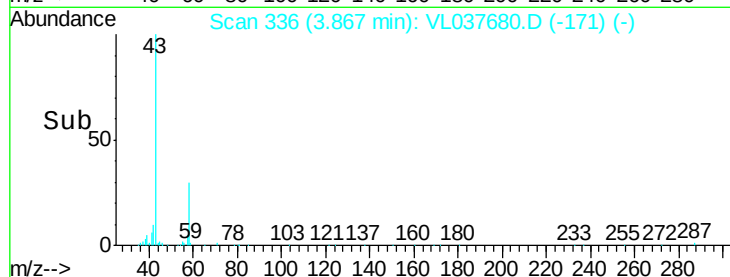
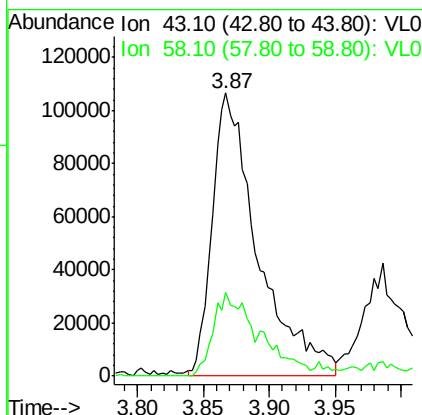
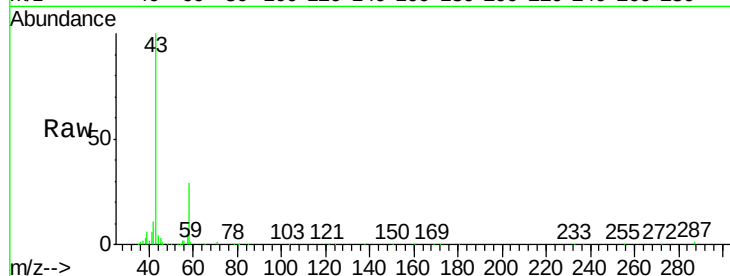
#15
Acetone
Concen: 1.567 ppbv m
RT: 3.87 min Scan# 336
Delta R.T. 0.03 min
Lab File: VL037680.D
Acq: 27 Sep 2021 14:42

Instrument :
MSVOA_L
ClientSampleId :
IA-9BDL

Tgt Ion: 43 Resp: 257627
Ion Ratio Lower Upper
43 100
58 31.3 24.9 37.3

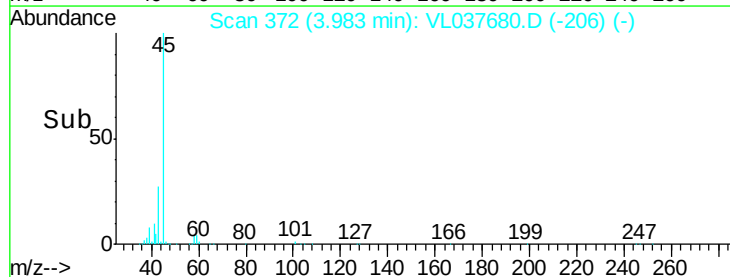
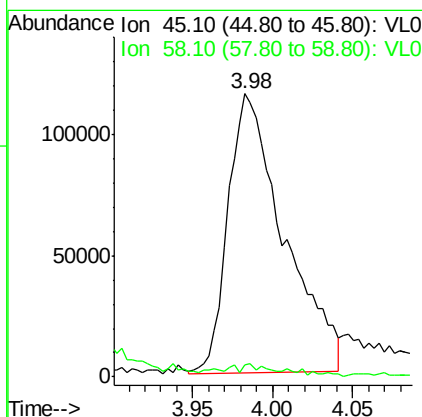
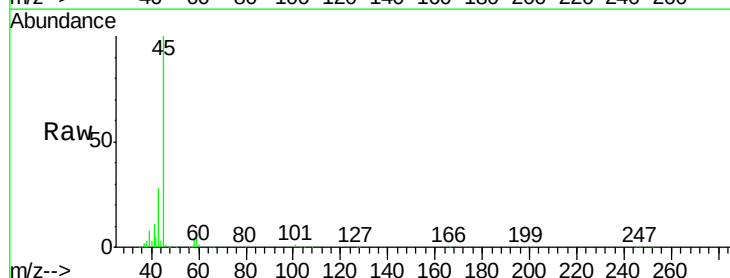
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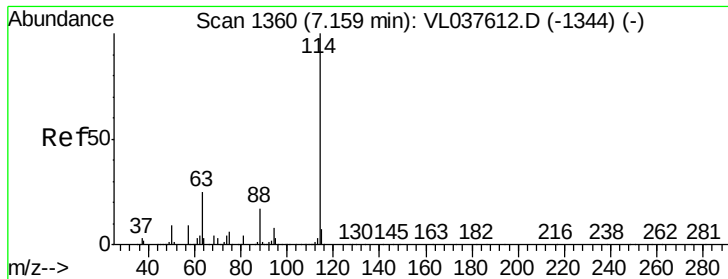
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#19
Isopropyl Alcohol
Concen: 3.094 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.03 min
Lab File: VL037680.D
Acq: 27 Sep 2021 14:42

Tgt Ion: 45 Resp: 276696
Ion Ratio Lower Upper
45 100
58 5.2 2.9 4.3#





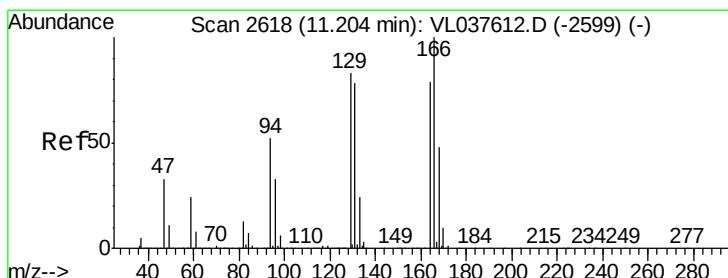
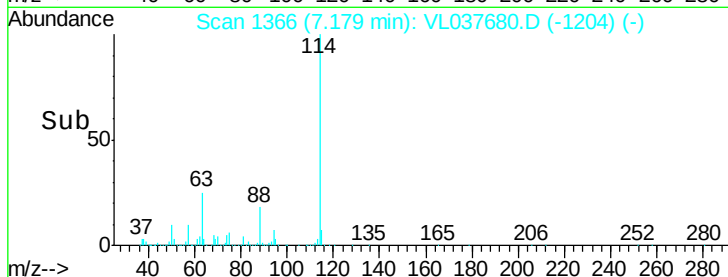
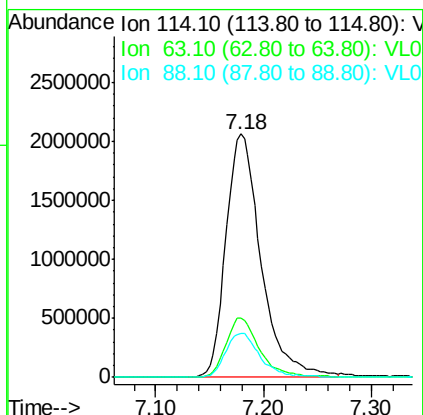
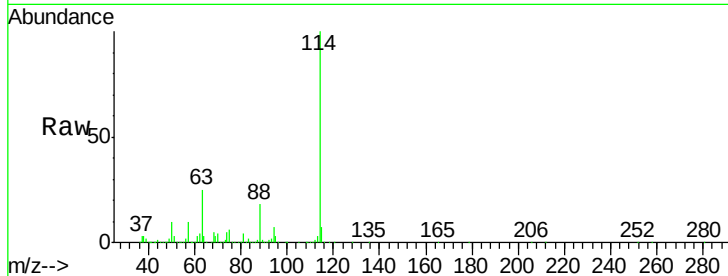
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.02 min
 Lab File: VL037680.D
 Acq: 27 Sep 2021 14:42

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9BDL

Tgt Ion:114 Resp: 4681444
 Ion Ratio Lower Upper
 114 100
 63 24.0 19.6 29.4
 88 18.3 14.2 21.4

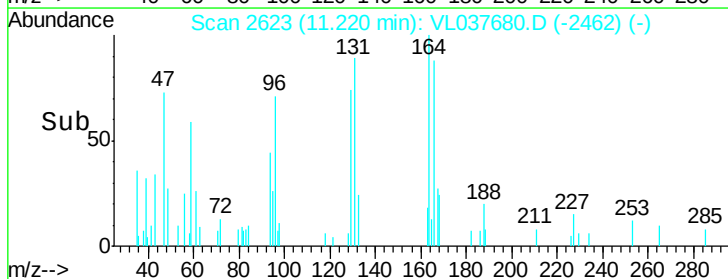
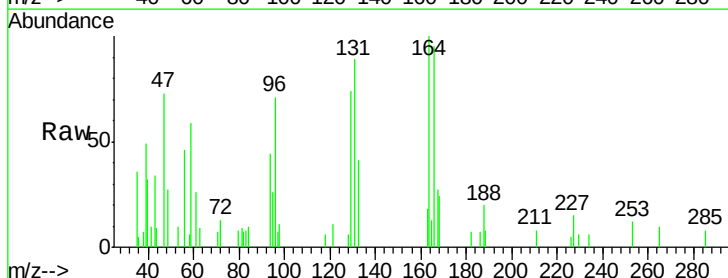
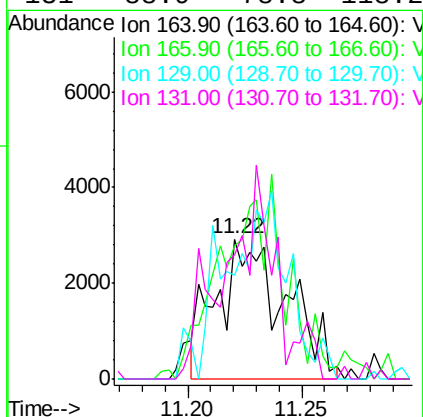
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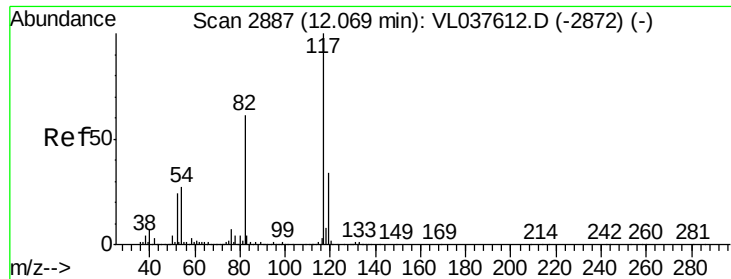
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#52
 Tetrachloroethene
 Concen: 0.042 ppbv m
 RT: 11.22 min Scan# 2623
 Delta R.T. 0.02 min
 Lab File: VL037680.D
 Acq: 27 Sep 2021 14:42

Tgt Ion:164 Resp: 6229
 Ion Ratio Lower Upper
 164 100
 166 95.0 101.2 151.8#
 129 73.9 84.0 126.0#
 131 88.9 78.8 118.2





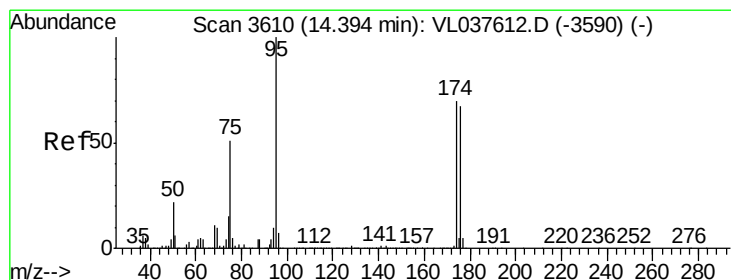
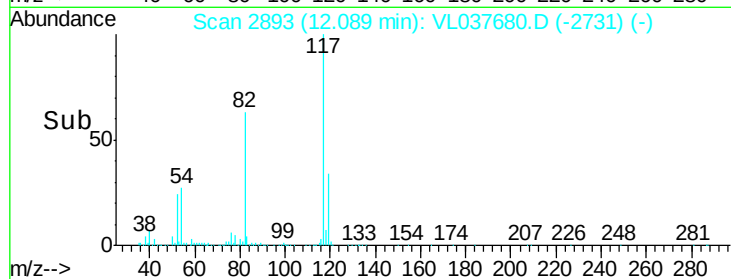
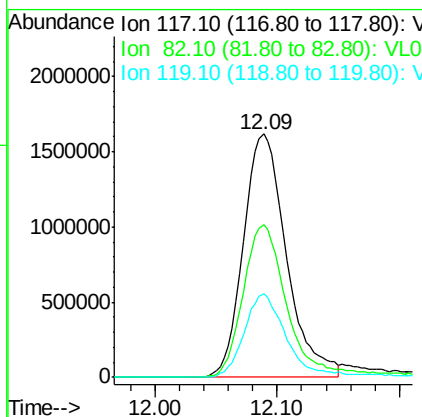
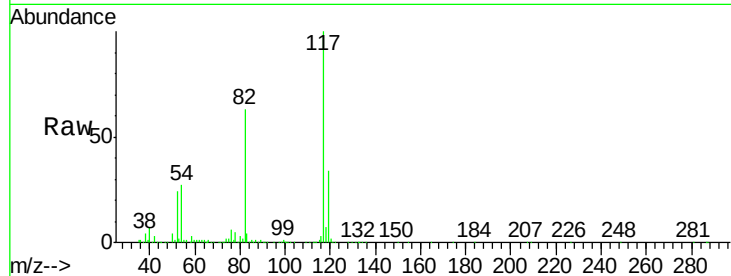
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.02 min
Lab File: VL037680.D
Acq: 27 Sep 2021 14:42

Instrument :
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ClientSampleId :
IA-9BDL

Tgt Ion: 117 Resp: 3937170
Ion Ratio Lower Upper
117 100
82 66.6 50.6 75.8
119 35.3 26.2 39.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.476 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.02 min
Lab File: VL037680.D
Acq: 27 Sep 2021 14:42

Tgt Ion: 95 Resp: 2696429
Ion Ratio Lower Upper
95 100
174 78.1 56.3 84.5
175 6.2 4.4 6.6

