

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101022\
 Data File : VL039714.D
 Acq On : 11 Oct 2022 10:39
 Operator : SY/AP
 Sample : N5040-03DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03DL

Quant Time: Oct 12 04:39:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

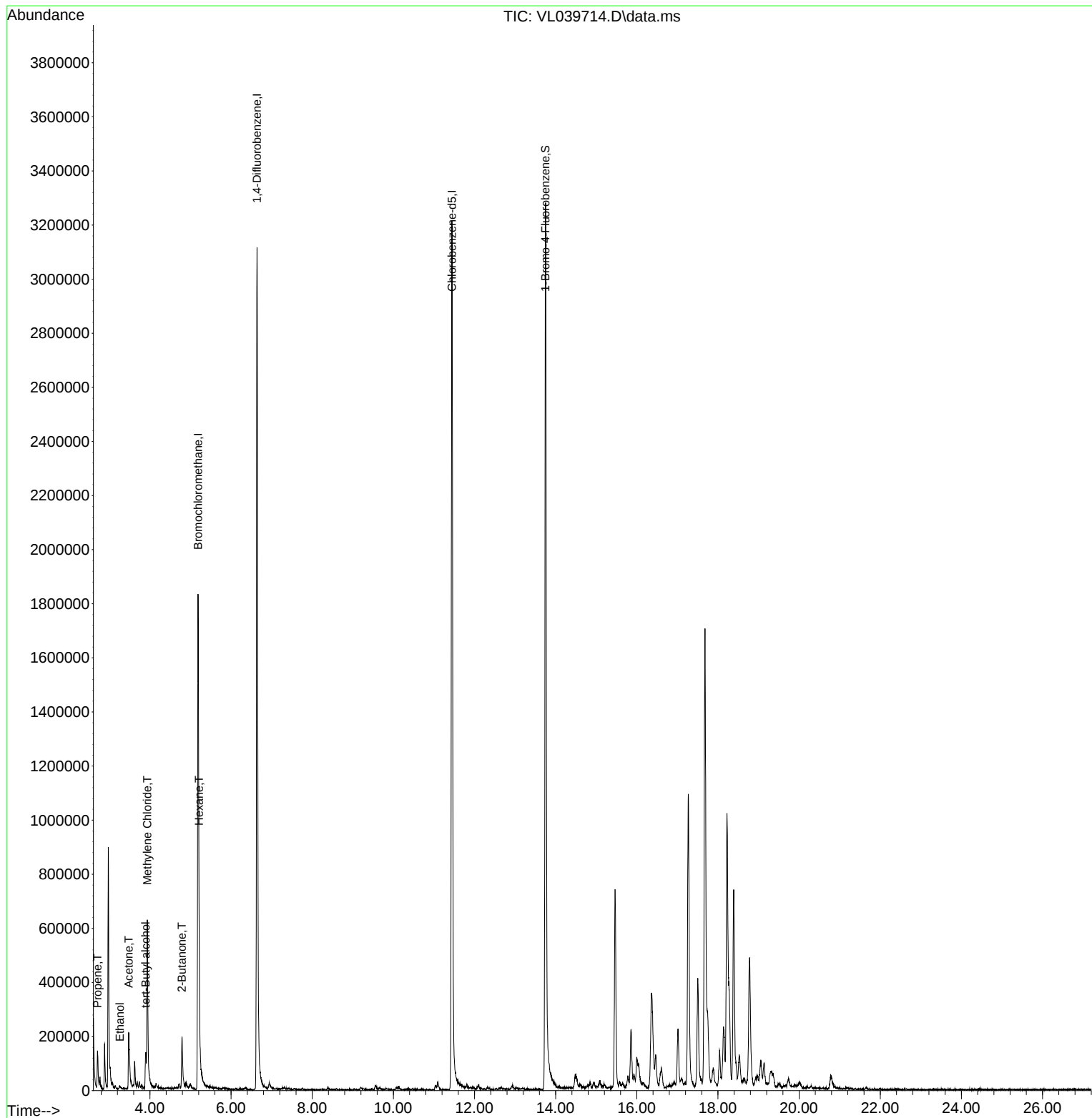
Internal Standards						
1) Bromochloromethane	5.185	49	937950	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.639	114	2456099	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.442	117	2162164	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	1618888	10.030	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
					Qvalue	
9) Propene	2.706	41	66001	1.298	ppbv	96
13) Ethanol	3.259	45	17619m	4.549	ppbv	
15) Acetone	3.478	43	218979	2.098	ppbv #	45
17) tert-Butyl alcohol	3.896	59	119471m	1.276	ppbv	
20) Methylene Chloride	3.938	84	203807	4.224	ppbv	98
26) Hexane	5.208	57	111226	1.152	ppbv #	38
34) 2-Butanone	4.790	43	256506	2.126	ppbv	95

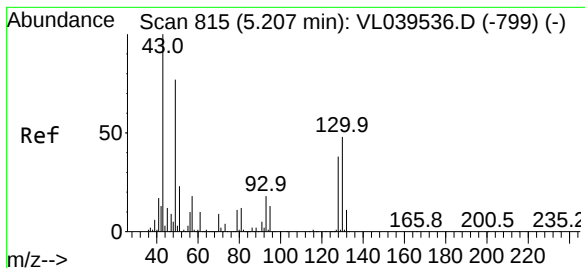
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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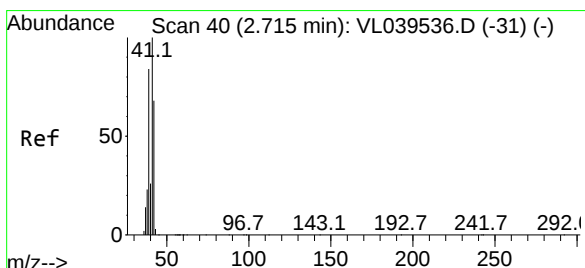
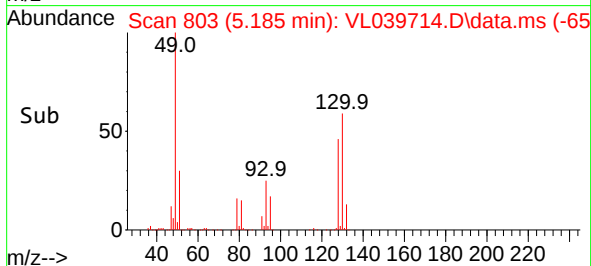
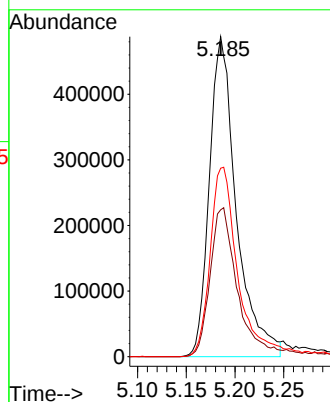
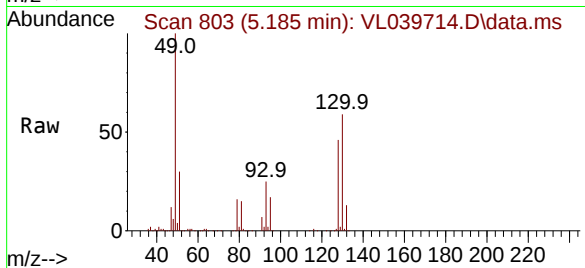




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.022 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:39

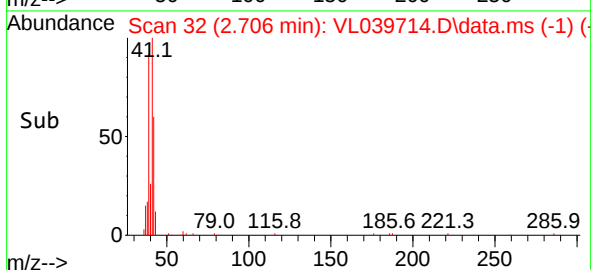
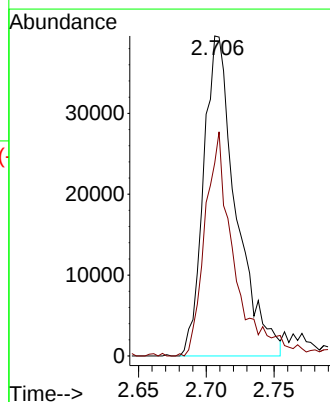
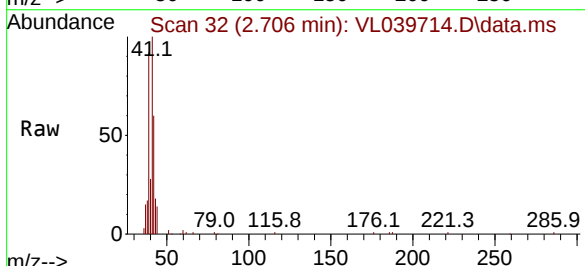
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

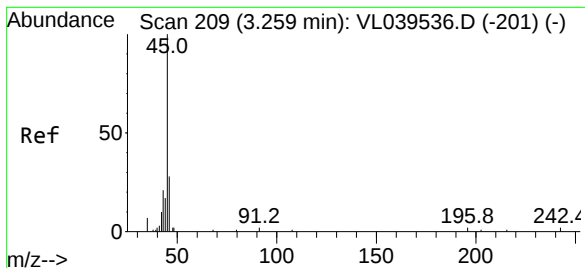
Tgt Ion: 49 Resp: 937950
Ion Ratio Lower Upper
49 100
128 49.9 26.7 80.0
130 63.3 34.3 102.8



#9
Propene
Concen: 1.298 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.009 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:39

Tgt Ion: 41 Resp: 66001
Ion Ratio Lower Upper
41 100
42 65.4 55.2 82.8

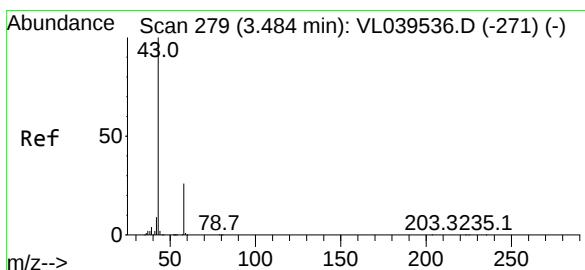
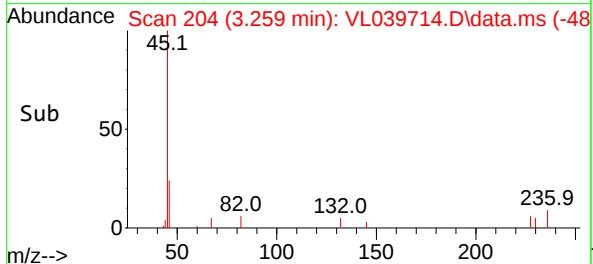
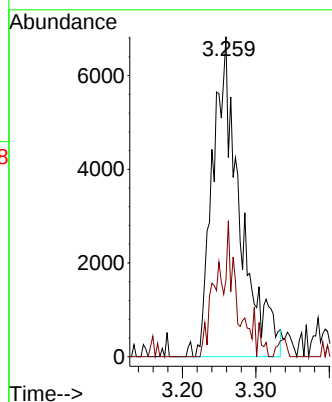
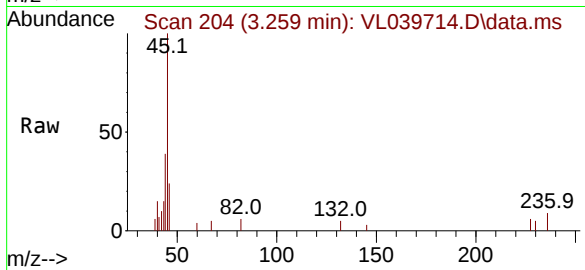




#13
Ethanol
Concen: 4.549 ppbv m
RT: 3.259 min Scan# 209
Delta R.T. 0.001 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:39

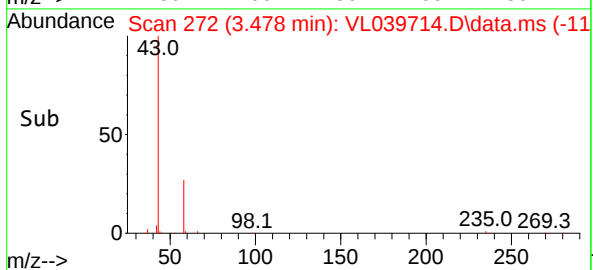
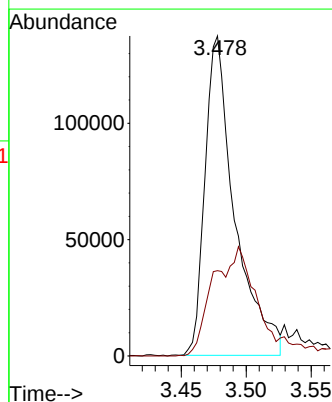
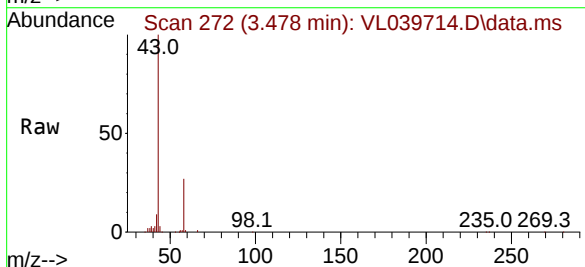
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

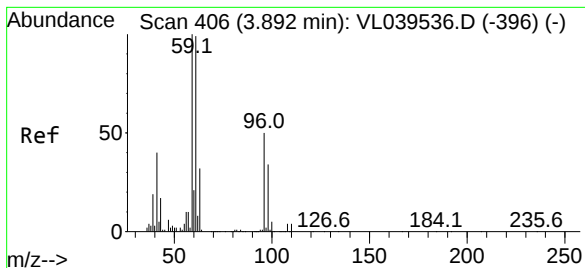
Tgt Ion: 45 Resp: 17619
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#



#15
Acetone
Concen: 2.098 ppbv
RT: 3.478 min Scan# 272
Delta R.T. -0.006 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:39

Tgt Ion: 43 Resp: 218979
Ion Ratio Lower Upper
43 100
58 54.4 21.0 31.6#

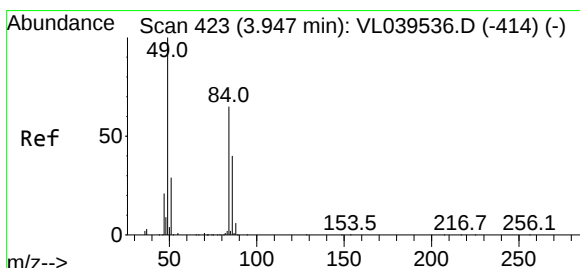
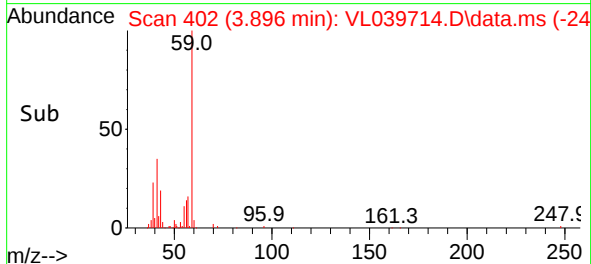
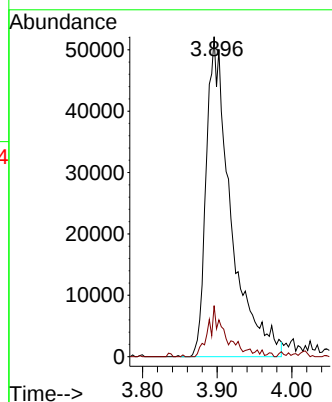
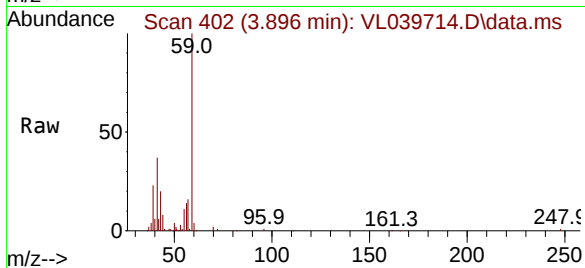




#17
tert-Butyl alcohol
Concen: 1.276 ppbv m
RT: 3.896 min Scan# 406
Delta R.T. 0.004 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:39

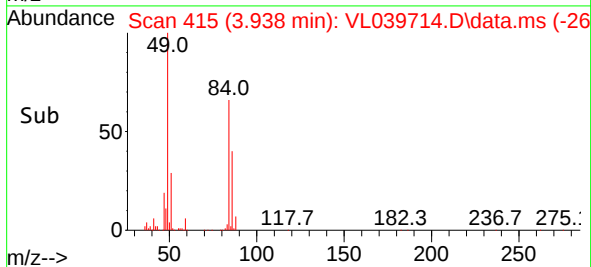
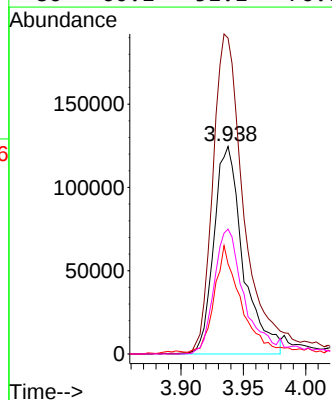
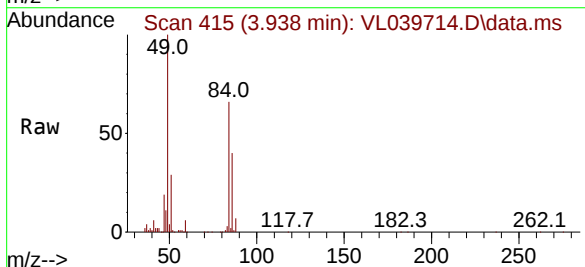
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

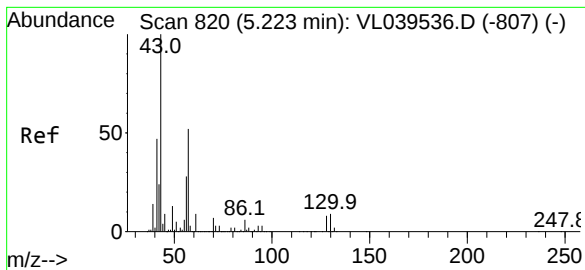
Tgt Ion: 59 Resp: 119471
Ion Ratio Lower Upper
59 100
57 11.8 8.7 13.1



#20
Methylene Chloride
Concen: 4.224 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.009 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:39

Tgt Ion: 84 Resp: 203807
Ion Ratio Lower Upper
84 100
49 151.8 123.1 184.7
51 42.2 34.4 51.6
86 60.1 51.1 76.7

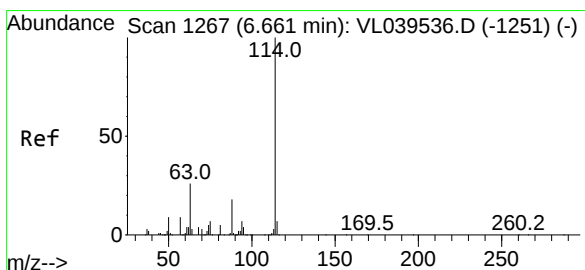
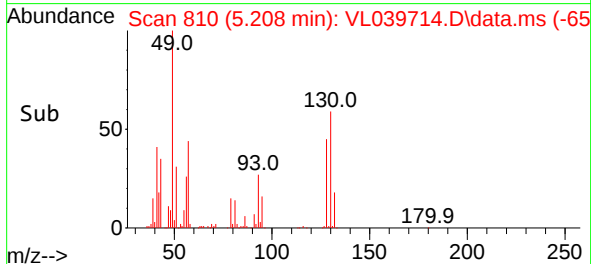
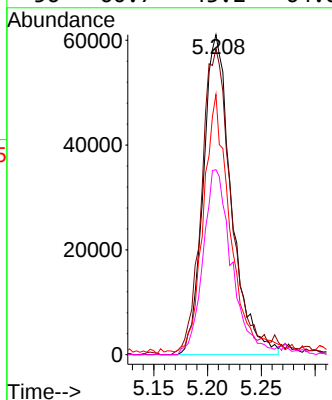
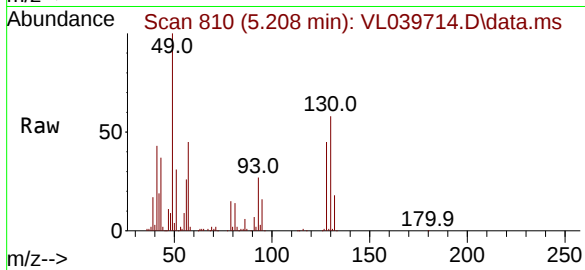




#26
Hexane
Concen: 1.152 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:39

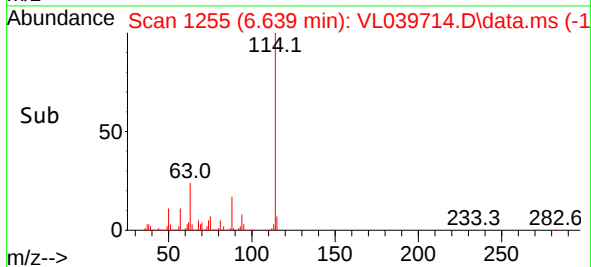
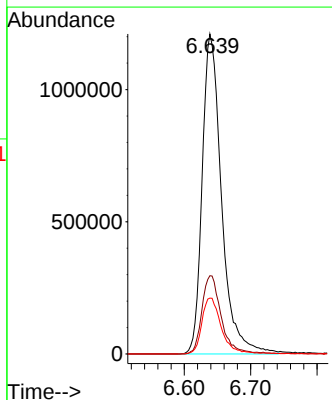
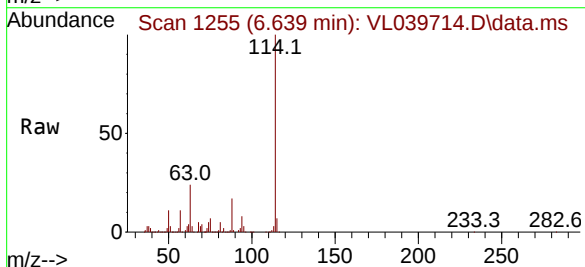
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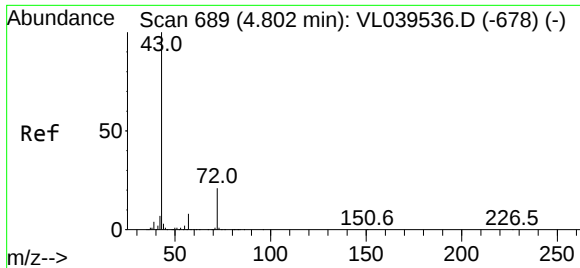
Tgt Ion: 57 Resp: 111226
Ion Ratio Lower Upper
57 100
41 106.4 76.9 115.3
43 77.6 191.0 286.6#
56 60.7 43.2 64.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.022 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:39

Tgt Ion:114 Resp: 2456099
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.4
88 17.7 14.5 21.7

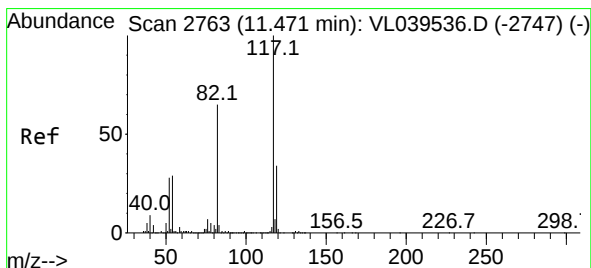
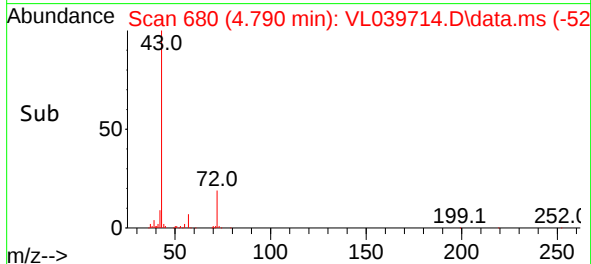
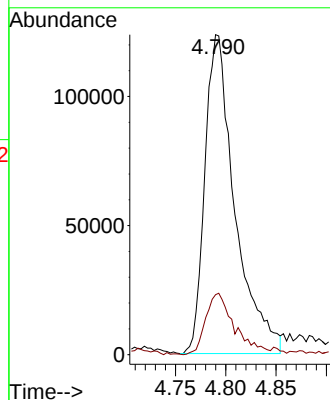
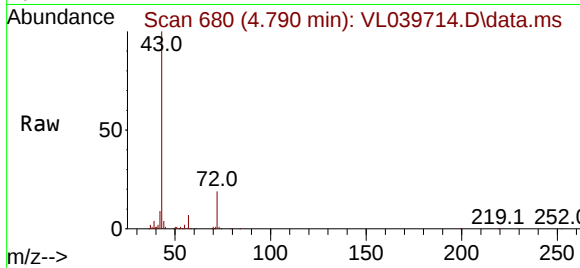




#34
2-Butanone
Concen: 2.126 ppbv
RT: 4.790 min Scan# 61
Delta R.T. -0.012 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:39

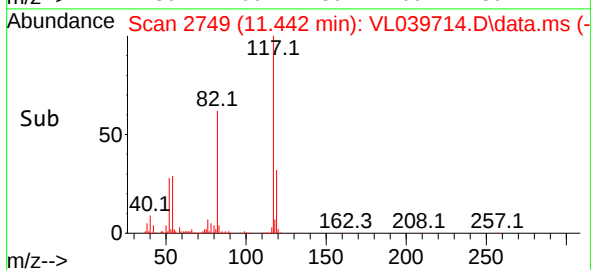
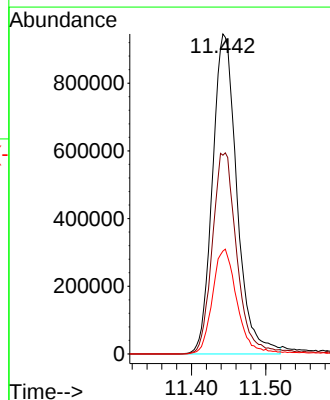
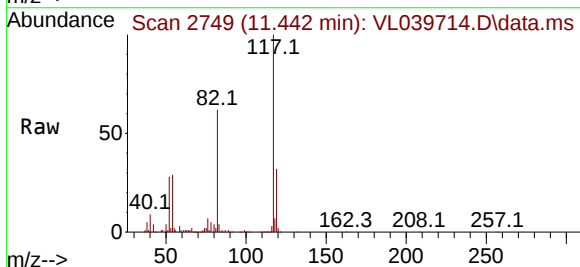
Instrument :
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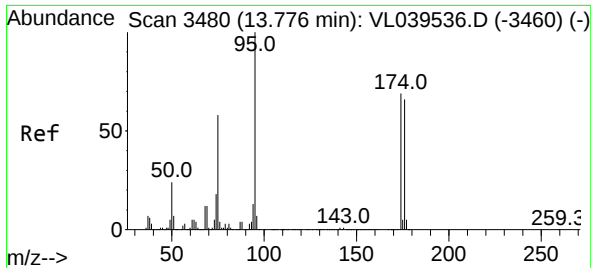
Tgt Ion: 43 Resp: 256506
Ion Ratio Lower Upper
43 100
72 19.8 17.9 26.9



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2749
Delta R.T. -0.028 min
Lab File: VL039714.D
Acq: 11 Oct 2022 10:39

Tgt Ion: 117 Resp: 2162164
Ion Ratio Lower Upper
117 100
82 64.3 50.8 76.2
119 33.4 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.030 ppbv
 RT: 13.748 min Scan# 34
 Delta R.T. -0.028 min
 Lab File: VL039714.D
 Acq: 11 Oct 2022 10:39

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03DL

Tgt Ion: 95 Resp: 1618888

Ion	Ratio	Lower	Upper
95	100		
174	72.3	55.9	83.9
175	5.3	4.2	6.4

