

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101022\
 Data File : VL039713.D
 Acq On : 11 Oct 2022 10:01
 Operator : SY/AP
 Sample : N5040-02DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-02DL

Quant Time: Oct 12 04:39:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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)

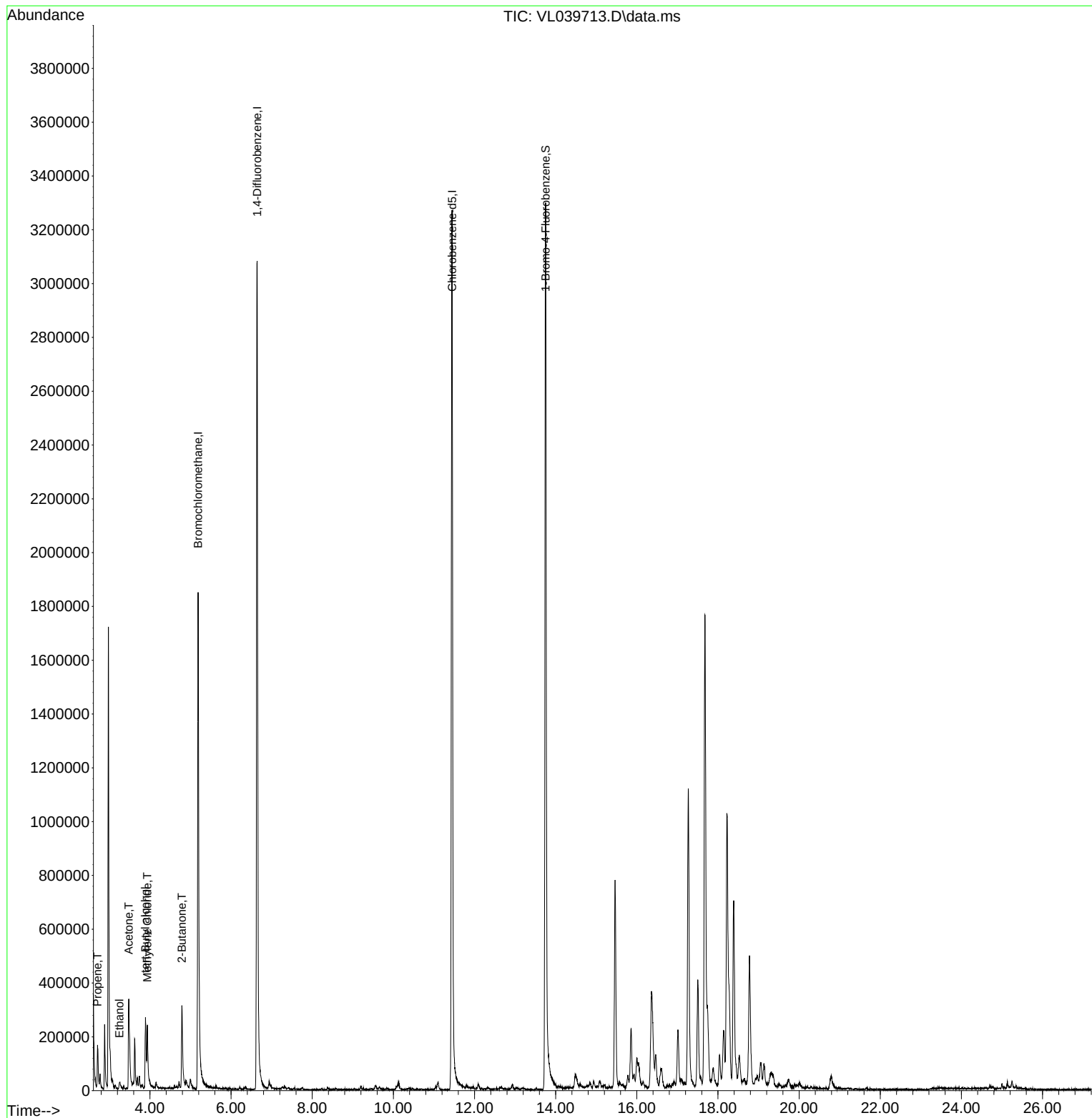
Internal Standards						
1) Bromochloromethane	5.189	49	933110	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2443915	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.446	117	2214053	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1589342	9.616	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%
Target Compounds						
					Qvalue	
9) Propene	2.706	41	71253	1.409	ppbv	97
13) Ethanol	3.250	45	35125m	9.115	ppbv	
15) Acetone	3.478	43	379965	3.659	ppbv #	59
17) tert-Butyl alcohol	3.890	59	202702	2.175	ppbv	95
20) Methylene Chloride	3.935	84	62892	1.310	ppbv	95
34) 2-Butanone	4.790	43	414328	3.452	ppbv	96

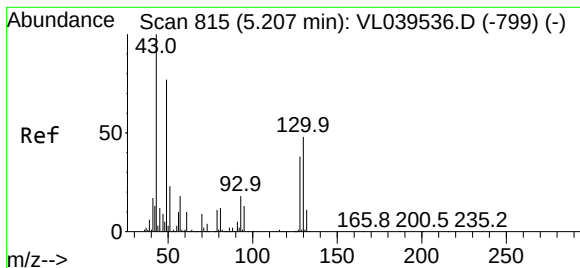
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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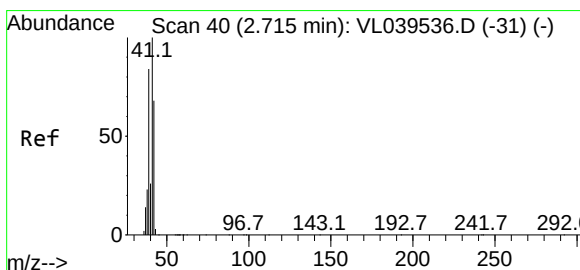
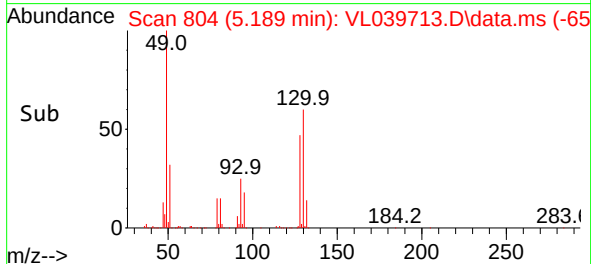
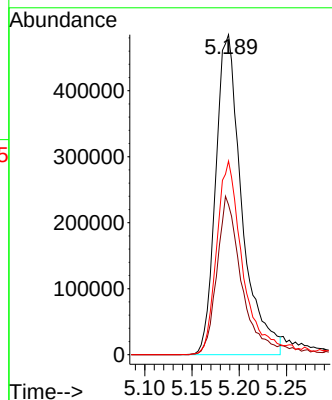
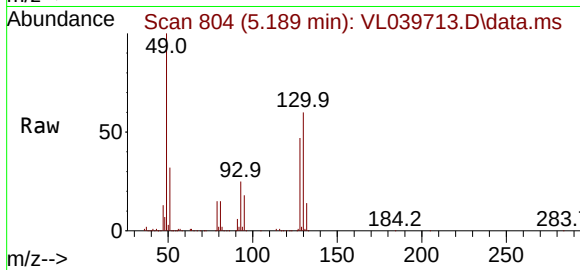




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.189 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: VL039713.D
 Acq: 11 Oct 2022 10:01

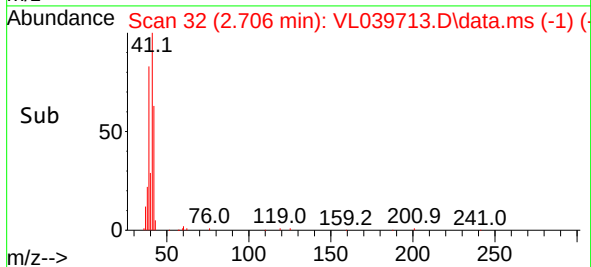
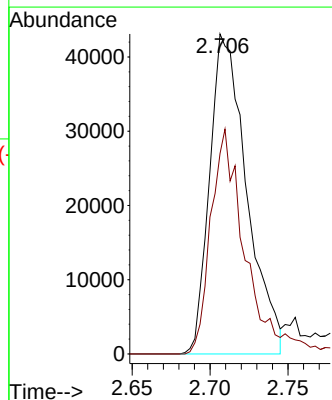
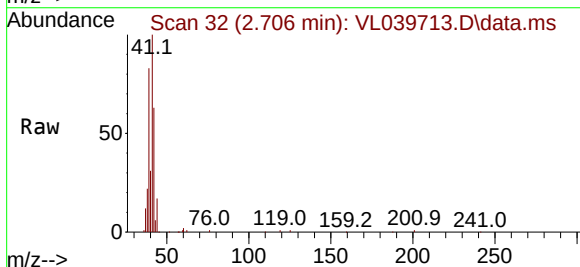
Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-02DL

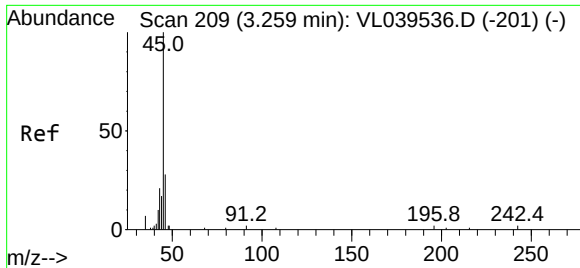
Tgt Ion: 49 Resp: 933110
 Ion Ratio Lower Upper
 49 100
 128 48.3 26.7 80.0
 130 63.2 34.3 102.8



#9
 Propene
 Concen: 1.409 ppbv
 RT: 2.706 min Scan# 32
 Delta R.T. -0.009 min
 Lab File: VL039713.D
 Acq: 11 Oct 2022 10:01

Tgt Ion: 41 Resp: 71253
 Ion Ratio Lower Upper
 41 100
 42 66.4 55.2 82.8

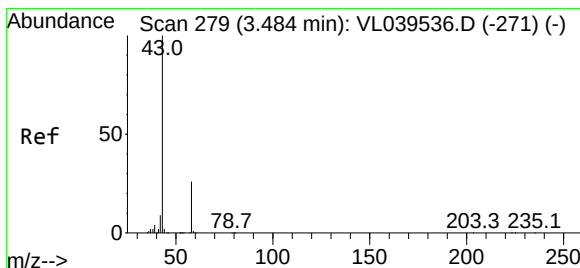
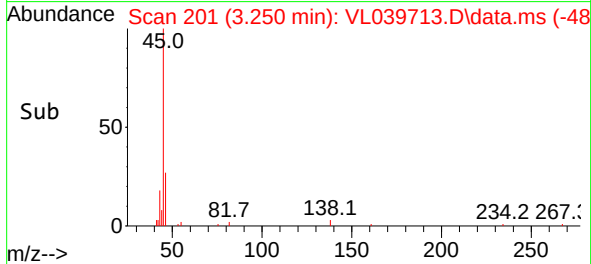
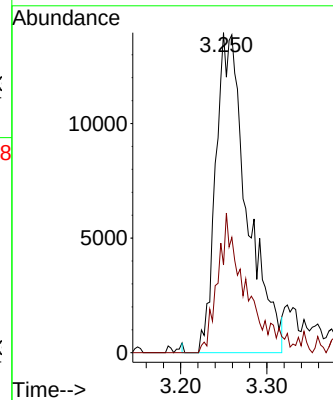
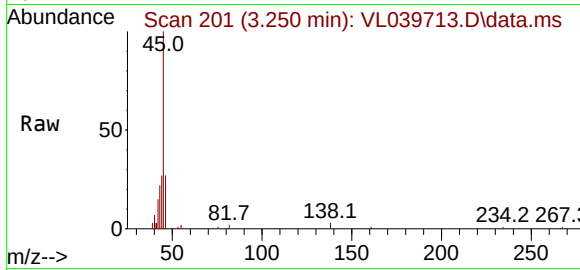




#13
Ethanol
Concen: 9.115 ppbv m
RT: 3.250 min Scan# 209
Delta R.T. -0.009 min
Lab File: VL039713.D
Acq: 11 Oct 2022 10:01

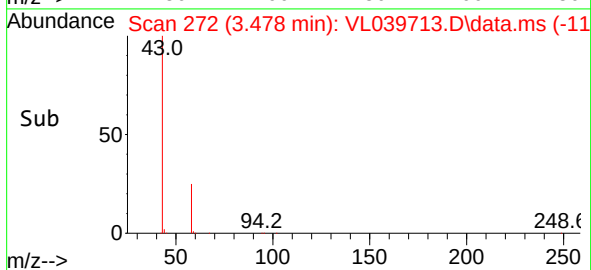
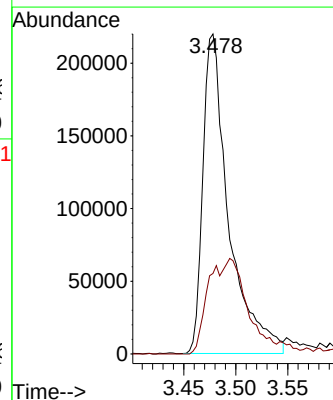
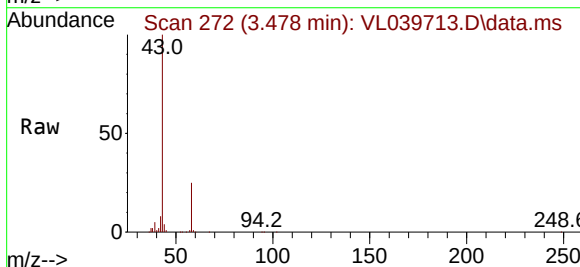
Instrument :
MSVOA_L
ClientSampleId :
SVP-02DL

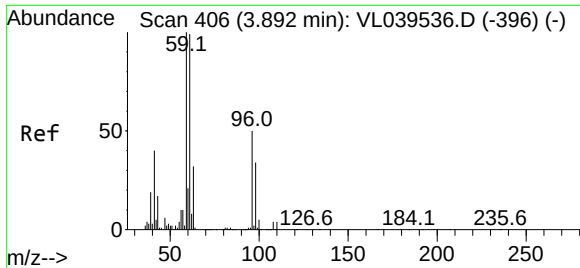
Tgt Ion: 45 Resp: 35125
Ion Ratio Lower Upper
45 100
46 39.1 22.8 91.2



#15
Acetone
Concen: 3.659 ppbv
RT: 3.478 min Scan# 272
Delta R.T. -0.006 min
Lab File: VL039713.D
Acq: 11 Oct 2022 10:01

Tgt Ion: 43 Resp: 379965
Ion Ratio Lower Upper
43 100
58 47.3 21.0 31.6#

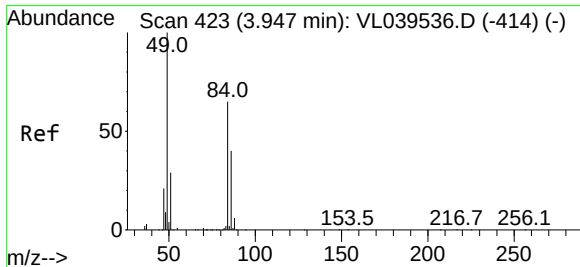
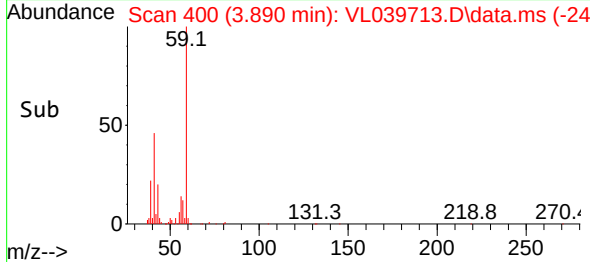
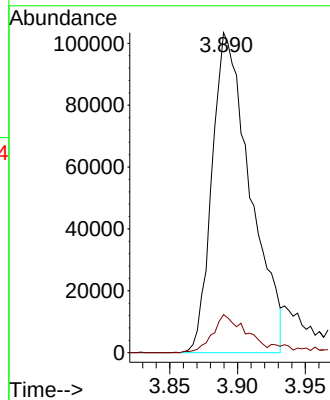
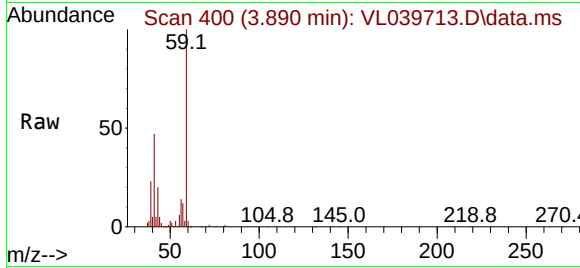




#17
tert-Butyl alcohol
Concen: 2.175 ppbv
RT: 3.890 min Scan# 406
Delta R.T. -0.003 min
Lab File: VL039713.D
Acq: 11 Oct 2022 10:01

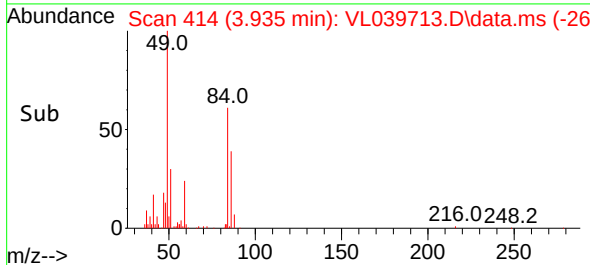
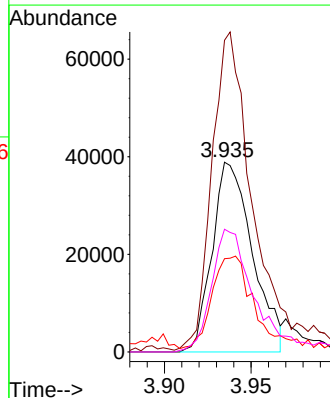
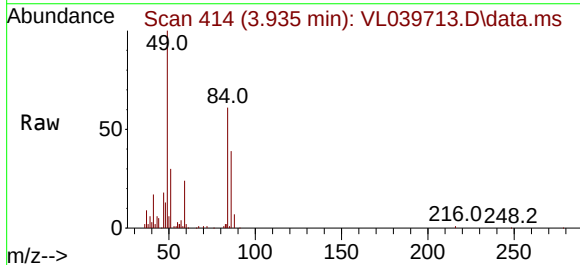
Instrument :
MSVOA_L
ClientSampleId :
SVP-02DL

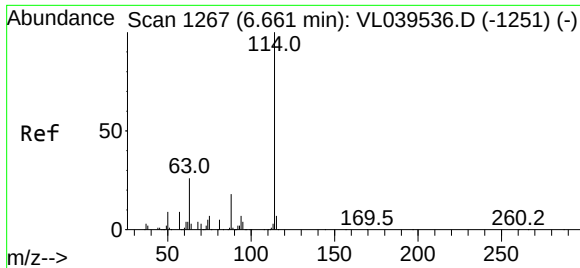
Tgt Ion: 59 Resp: 202702
Ion Ratio Lower Upper
59 100
57 12.9 8.7 13.1



#20
Methylene Chloride
Concen: 1.310 ppbv
RT: 3.935 min Scan# 414
Delta R.T. -0.012 min
Lab File: VL039713.D
Acq: 11 Oct 2022 10:01

Tgt Ion: 84 Resp: 62892
Ion Ratio Lower Upper
84 100
49 162.3 123.1 184.7
51 47.4 34.4 51.6
86 63.9 51.1 76.7

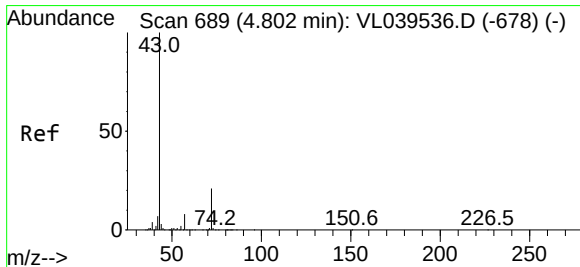
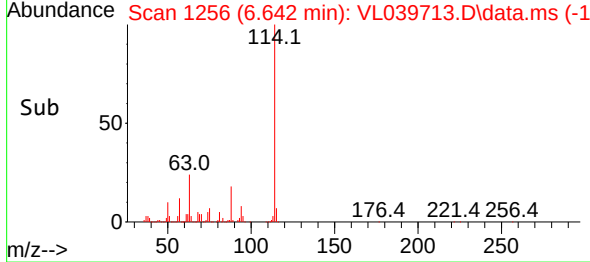
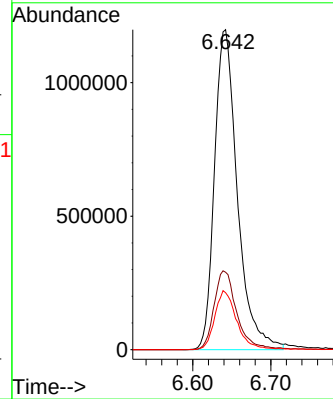
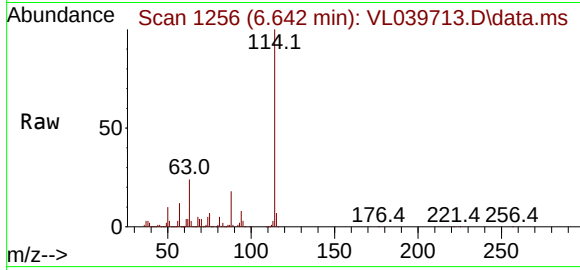




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.642 min Scan# 114
 Delta R.T. -0.019 min
 Lab File: VL039713.D
 Acq: 11 Oct 2022 10:01

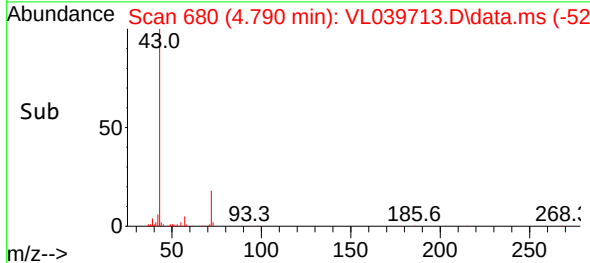
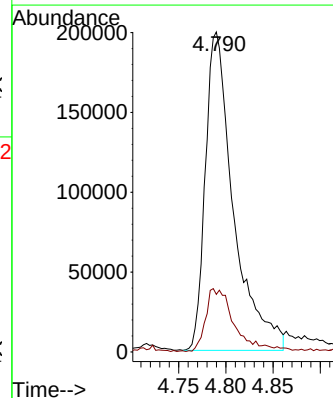
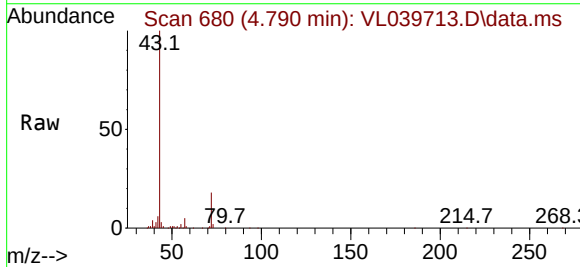
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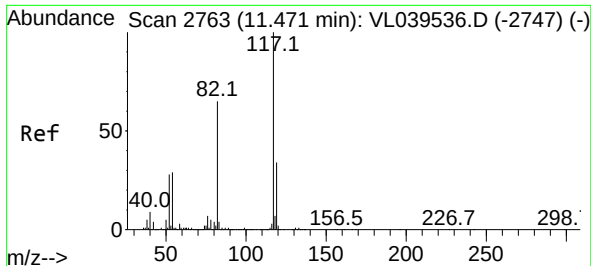
Tgt Ion:114 Resp: 2443915
 Ion Ratio Lower Upper
 114 100
 63 24.9 20.2 30.4
 88 18.0 14.5 21.7



#34
 2-Butanone
 Concen: 3.452 ppbv
 RT: 4.790 min Scan# 680
 Delta R.T. -0.012 min
 Lab File: VL039713.D
 Acq: 11 Oct 2022 10:01

Tgt Ion: 43 Resp: 414328
 Ion Ratio Lower Upper
 43 100
 72 20.6 17.9 26.9

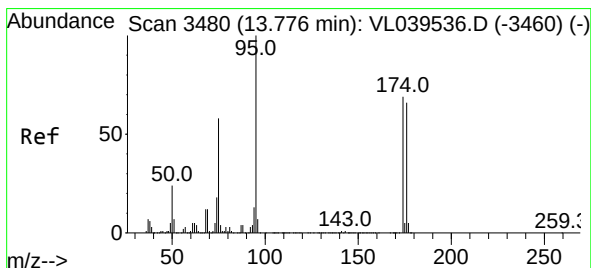
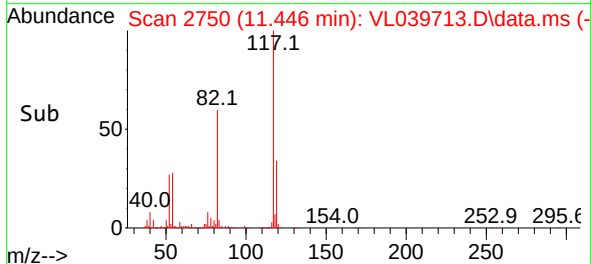
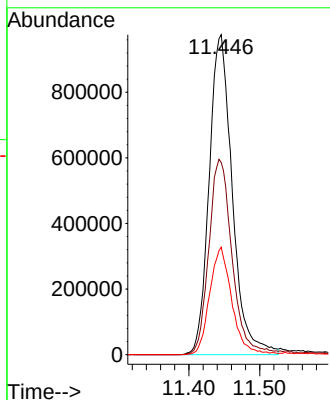
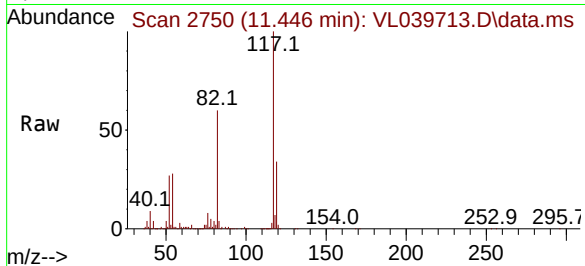




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 211
Delta R.T. -0.025 min
Lab File: VL039713.D
Acq: 11 Oct 2022 10:01

Instrument :
MSVOA_L
ClientSampleId :
SVP-02DL

Tgt Ion:117 Resp: 2214053
Ion Ratio Lower Upper
117 100
82 62.1 50.8 76.2
119 33.1 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.616 ppbv
RT: 13.751 min Scan# 3467
Delta R.T. -0.025 min
Lab File: VL039713.D
Acq: 11 Oct 2022 10:01

Tgt Ion: 95 Resp: 1589342
Ion Ratio Lower Upper
95 100
174 73.5 55.9 83.9
175 5.5 4.2 6.4

