

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101022\
 Data File : VL039712.D
 Acq On : 11 Oct 2022 9:23
 Operator : SY/AP
 Sample : N5040-01DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-01DL

Quant Time: Oct 12 04:38:30 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)

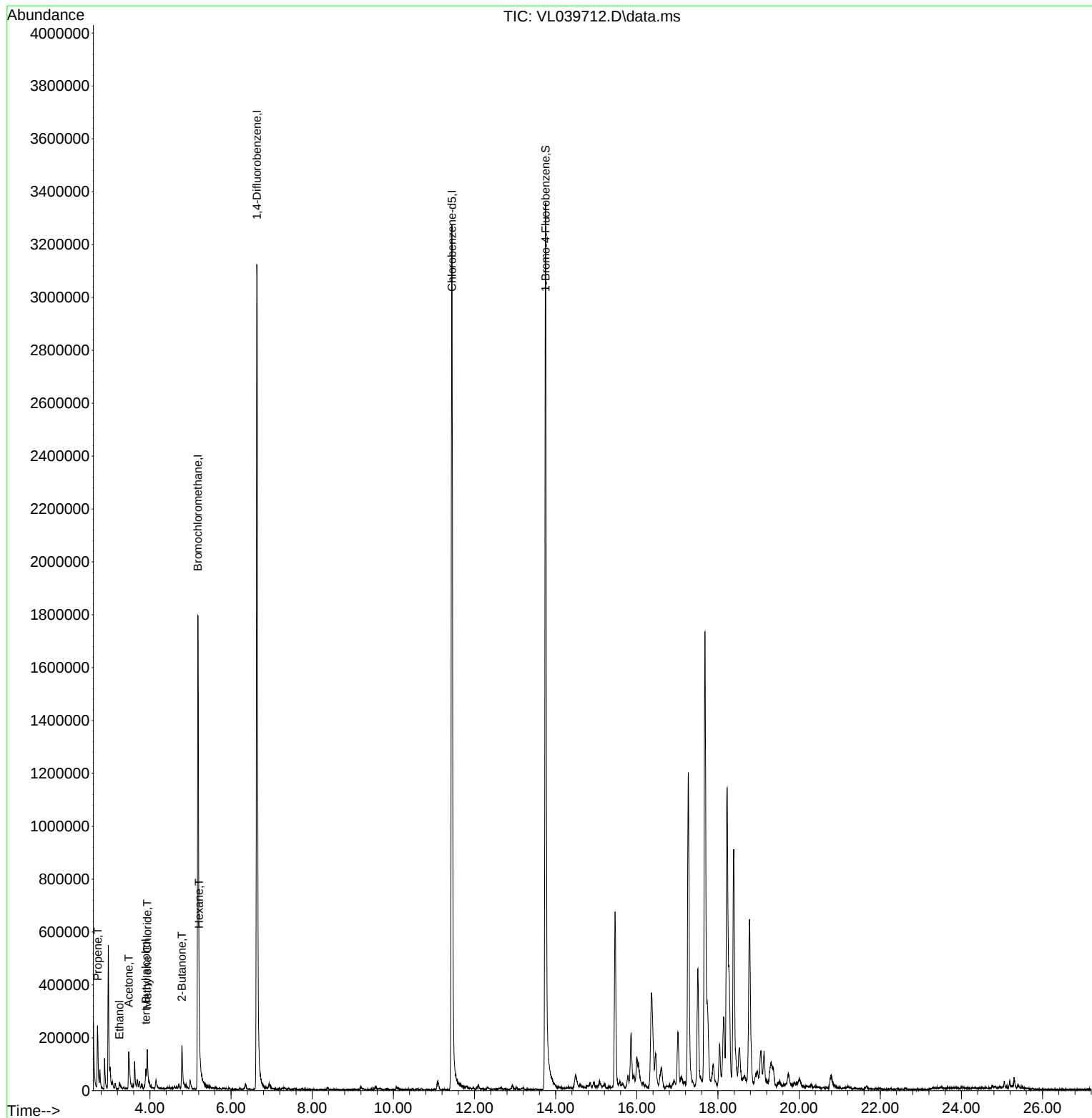
Internal Standards						
1) Bromochloromethane	5.182	49	873848	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.635	114	2455101	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	2202464	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1615015	9.823	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
					Qvalue	
9) Propene	2.709	41	106639	2.252	ppbv	99
13) Ethanol	3.250	45	29092m	8.062	ppbv	
15) Acetone	3.478	43	150796	1.551	ppbv #	40
17) tert-Butyl alcohol	3.899	59	54288m	0.622	ppbv	
20) Methylene Chloride	3.938	84	43413	0.966	ppbv	97
26) Hexane	5.211	57	30479m	0.339	ppbv	
34) 2-Butanone	4.787	43	216981	1.799	ppbv	96

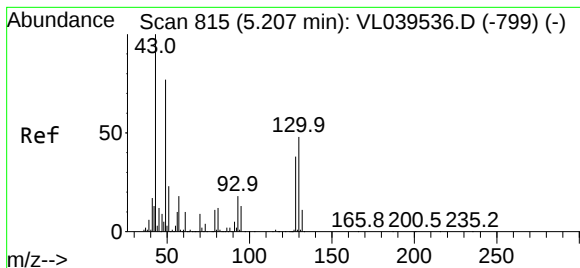
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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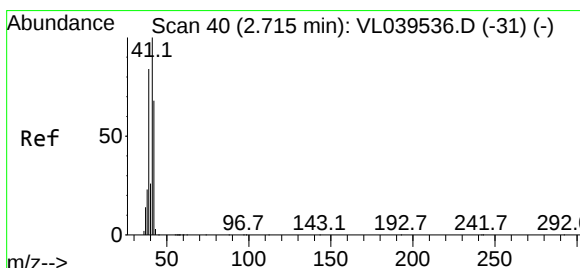
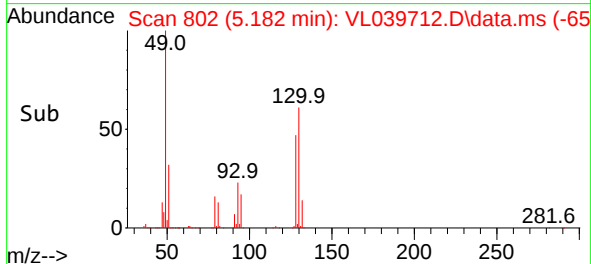
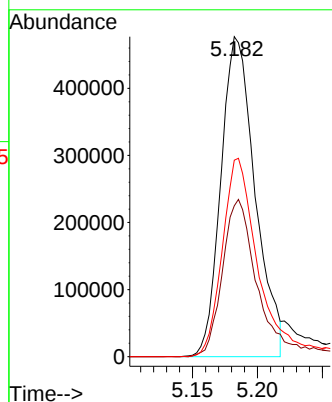
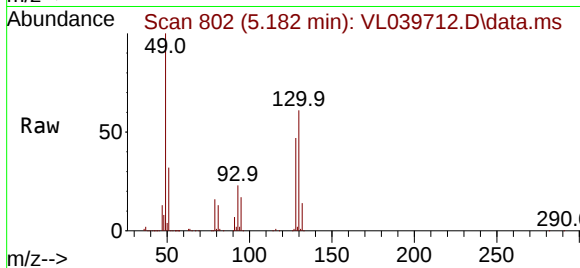




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.182 min Scan# 80
 Delta R.T. -0.025 min
 Lab File: VL039712.D
 Acq: 11 Oct 2022 9:23

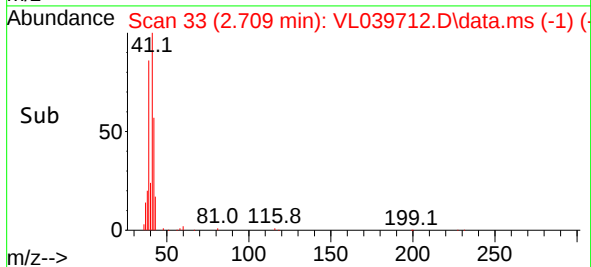
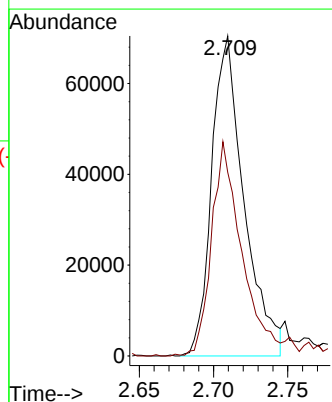
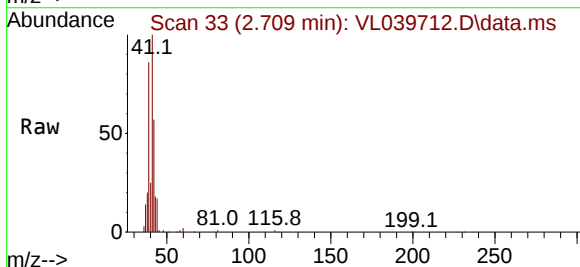
Instrument :
 MSVOA_L
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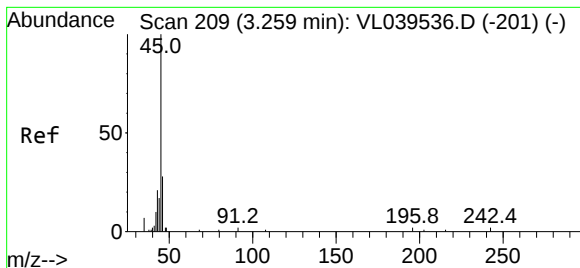
Tgt Ion: 49 Resp: 873848
 Ion Ratio Lower Upper
 49 100
 128 54.1 26.7 80.0
 130 69.2 34.3 102.8



#9
 Propene
 Concen: 2.252 ppbv
 RT: 2.709 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: VL039712.D
 Acq: 11 Oct 2022 9:23

Tgt Ion: 41 Resp: 106639
 Ion Ratio Lower Upper
 41 100
 42 67.8 55.2 82.8





#13

Ethanol

Concen: 8.062 ppbv m

RT: 3.250 min Scan# 20

Delta R.T. -0.009 min

Lab File: VL039712.D

Acq: 11 Oct 2022 9:23

Instrument :

MSVOA_L

ClientSampleId :

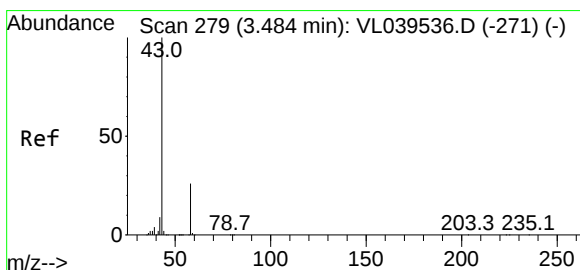
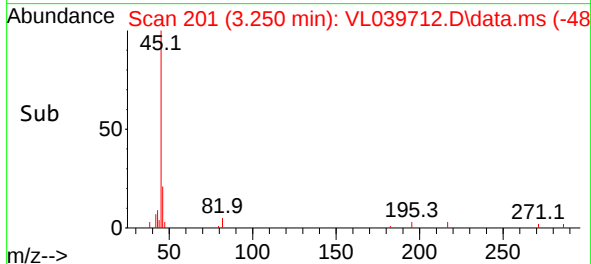
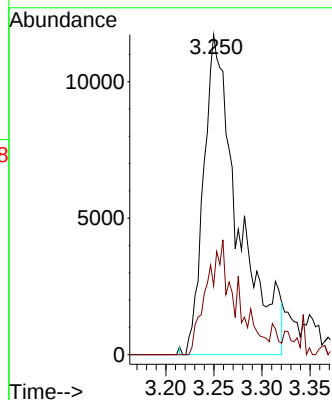
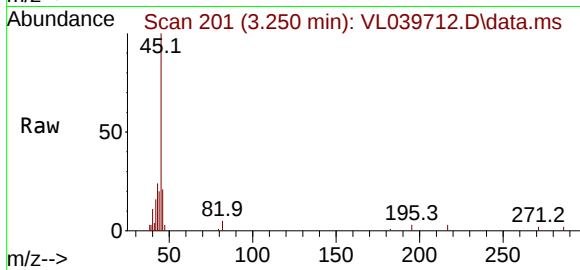
SVP-01DL

Tgt Ion: 45 Resp: 29092

Ion Ratio Lower Upper

45 100

46 30.9 22.8 91.2



#15

Acetone

Concen: 1.551 ppbv

RT: 3.478 min Scan# 272

Delta R.T. -0.006 min

Lab File: VL039712.D

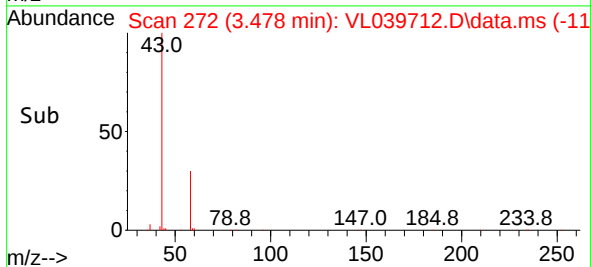
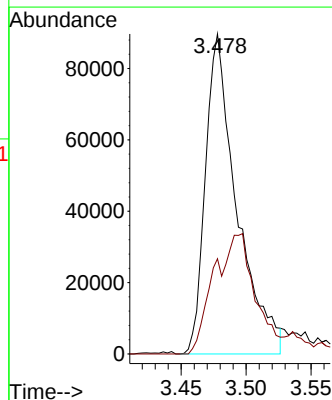
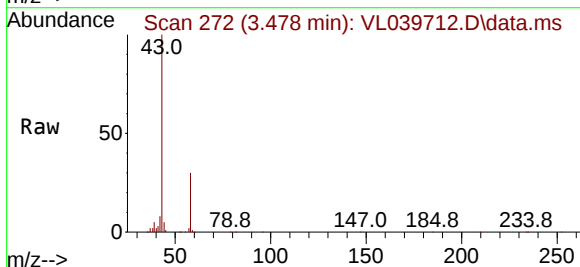
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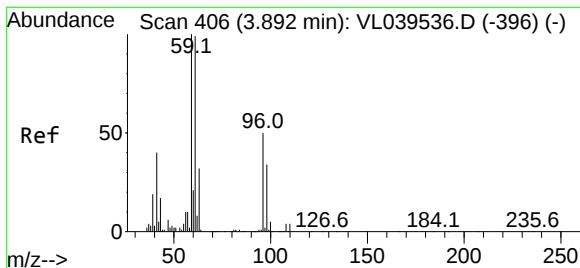
Tgt Ion: 43 Resp: 150796

Ion Ratio Lower Upper

43 100

58 57.0 21.0 31.6#

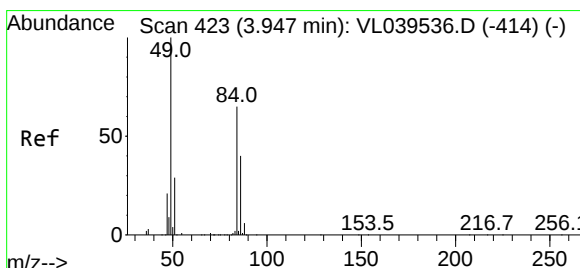
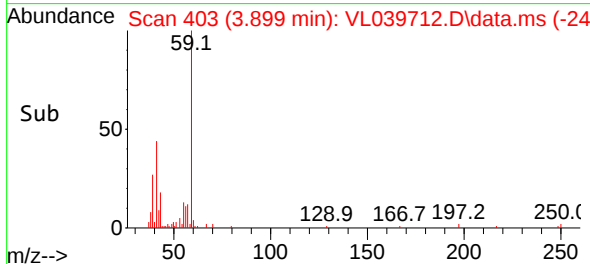
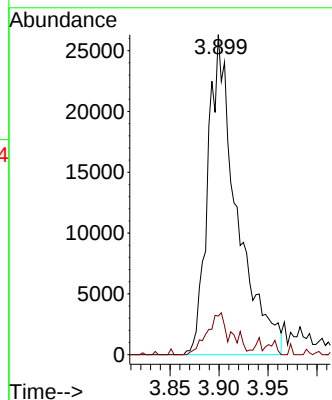
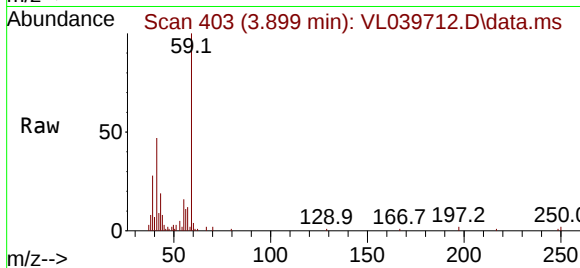




#17
tert-Butyl alcohol
Concen: 0.622 ppbv m
RT: 3.899 min Scan# 406
Delta R.T. 0.007 min
Lab File: VL039712.D
Acq: 11 Oct 2022 9:23

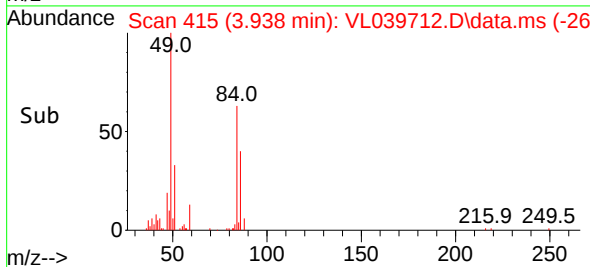
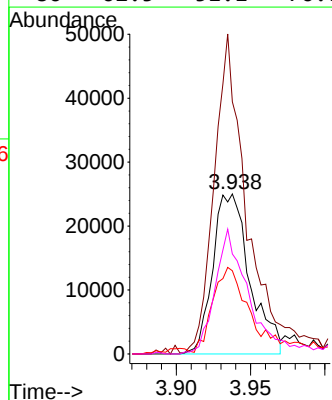
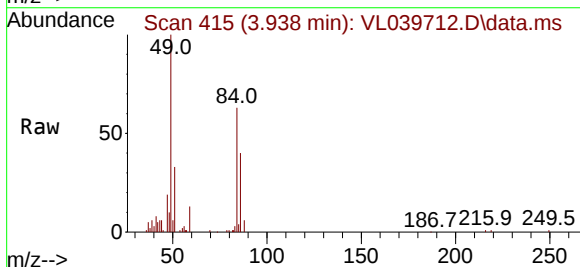
Instrument :
MSVOA_L
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SVP-01DL

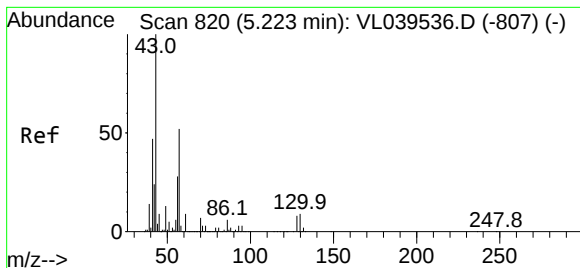
Tgt Ion: 59 Resp: 54288
Ion Ratio Lower Upper
59 100
57 11.9 8.7 13.1



#20
Methylene Chloride
Concen: 0.966 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.009 min
Lab File: VL039712.D
Acq: 11 Oct 2022 9:23

Tgt Ion: 84 Resp: 43413
Ion Ratio Lower Upper
84 100
49 156.9 123.1 184.7
51 48.5 34.4 51.6
86 62.5 51.1 76.7

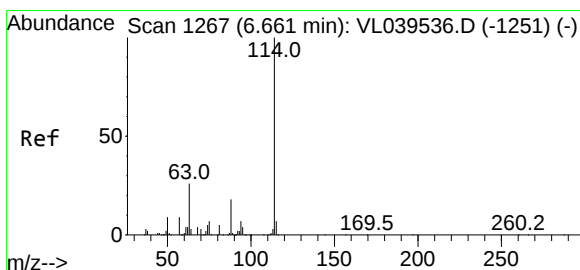
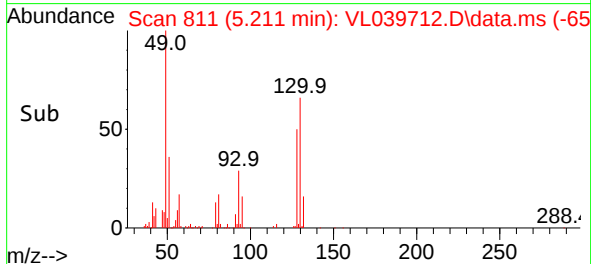
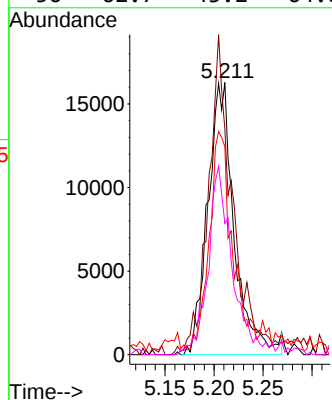
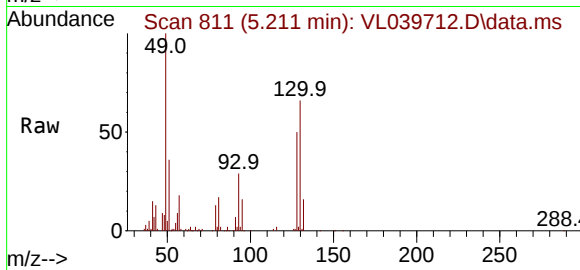




#26
Hexane
Concen: 0.339 ppbv m
RT: 5.211 min Scan# 81
Delta R.T. -0.012 min
Lab File: VL039712.D
Acq: 11 Oct 2022 9:23

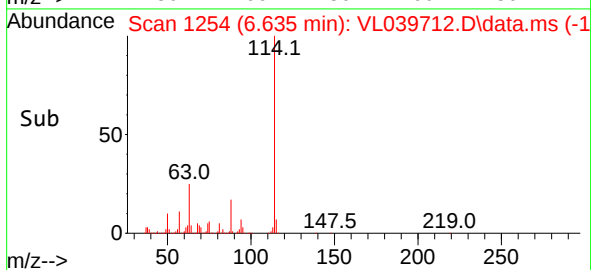
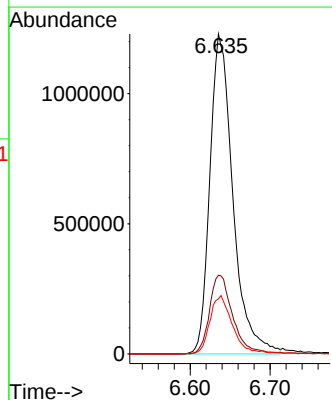
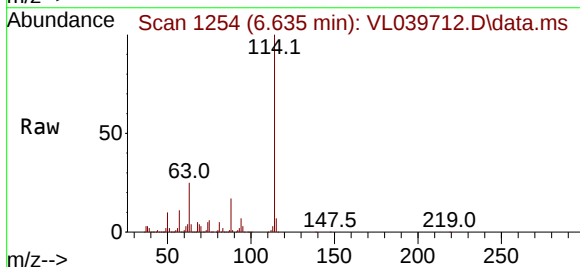
Instrument :
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ClientSampleId :
SVP-01DL

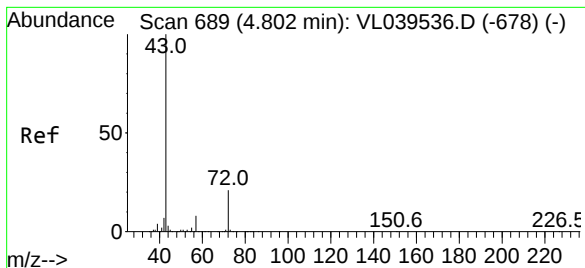
Tgt Ion: 57 Resp: 30479
Ion Ratio Lower Upper
57 100
41 108.7 76.9 115.3
43 78.1 191.0 286.6#
56 62.7 43.2 64.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.635 min Scan# 1254
Delta R.T. -0.025 min
Lab File: VL039712.D
Acq: 11 Oct 2022 9:23

Tgt Ion: 114 Resp: 2455101
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 18.2 14.5 21.7

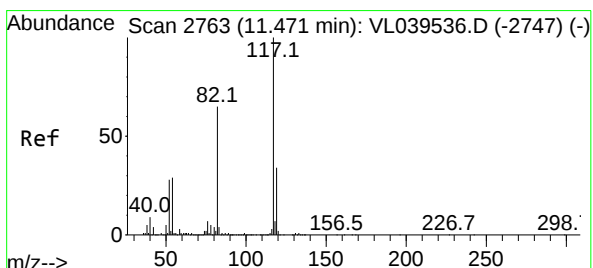
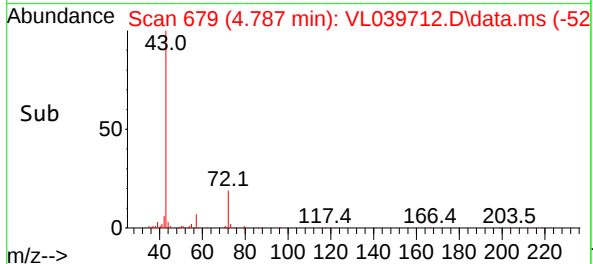
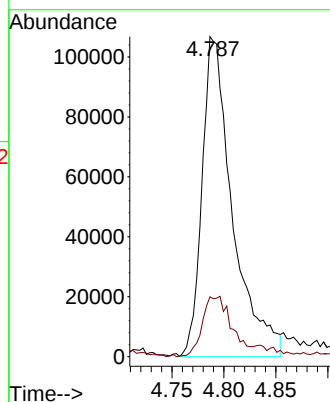
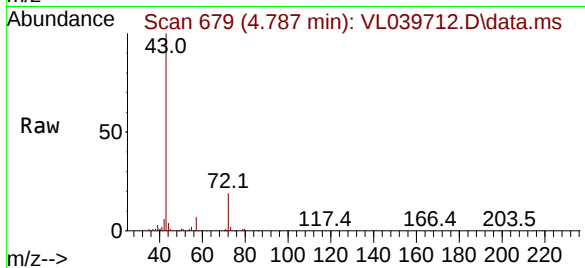




#34
2-Butanone
Concen: 1.799 ppbv
RT: 4.787 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL039712.D
Acq: 11 Oct 2022 9:23

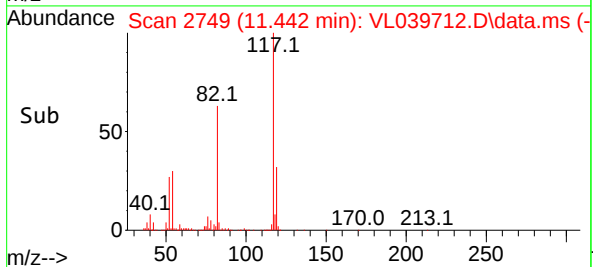
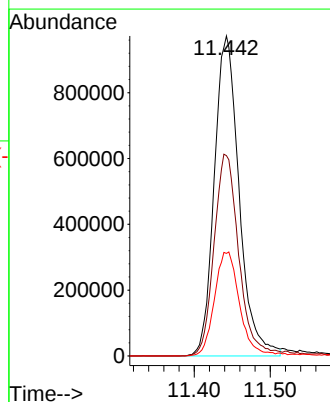
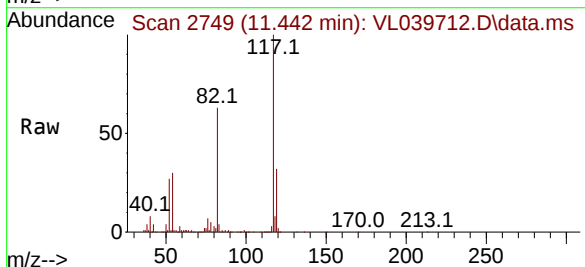
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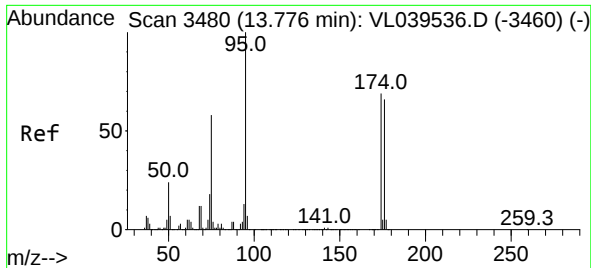
Tgt Ion: 43 Resp: 216981
Ion Ratio Lower Upper
43 100
72 20.5 17.9 26.9



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2749
Delta R.T. -0.028 min
Lab File: VL039712.D
Acq: 11 Oct 2022 9:23

Tgt Ion: 117 Resp: 2202464
Ion Ratio Lower Upper
117 100
82 64.4 50.8 76.2
119 33.7 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.823 ppbv
 RT: 13.751 min Scan# 34
 Delta R.T. -0.025 min
 Lab File: VL039712.D
 Acq: 11 Oct 2022 9:23

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-01DL

Tgt Ion: 95 Resp: 1615015
 Ion Ratio Lower Upper
 95 100
 174 72.4 55.9 83.9
 175 5.2 4.2 6.4

