

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036560.D
 Acq On : 30 Mar 2021 7:09
 Operator : SY/AP
 Sample : VL0330ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 30 08:18:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1334125	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	3115028	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	2830394	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2256941	10.00	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

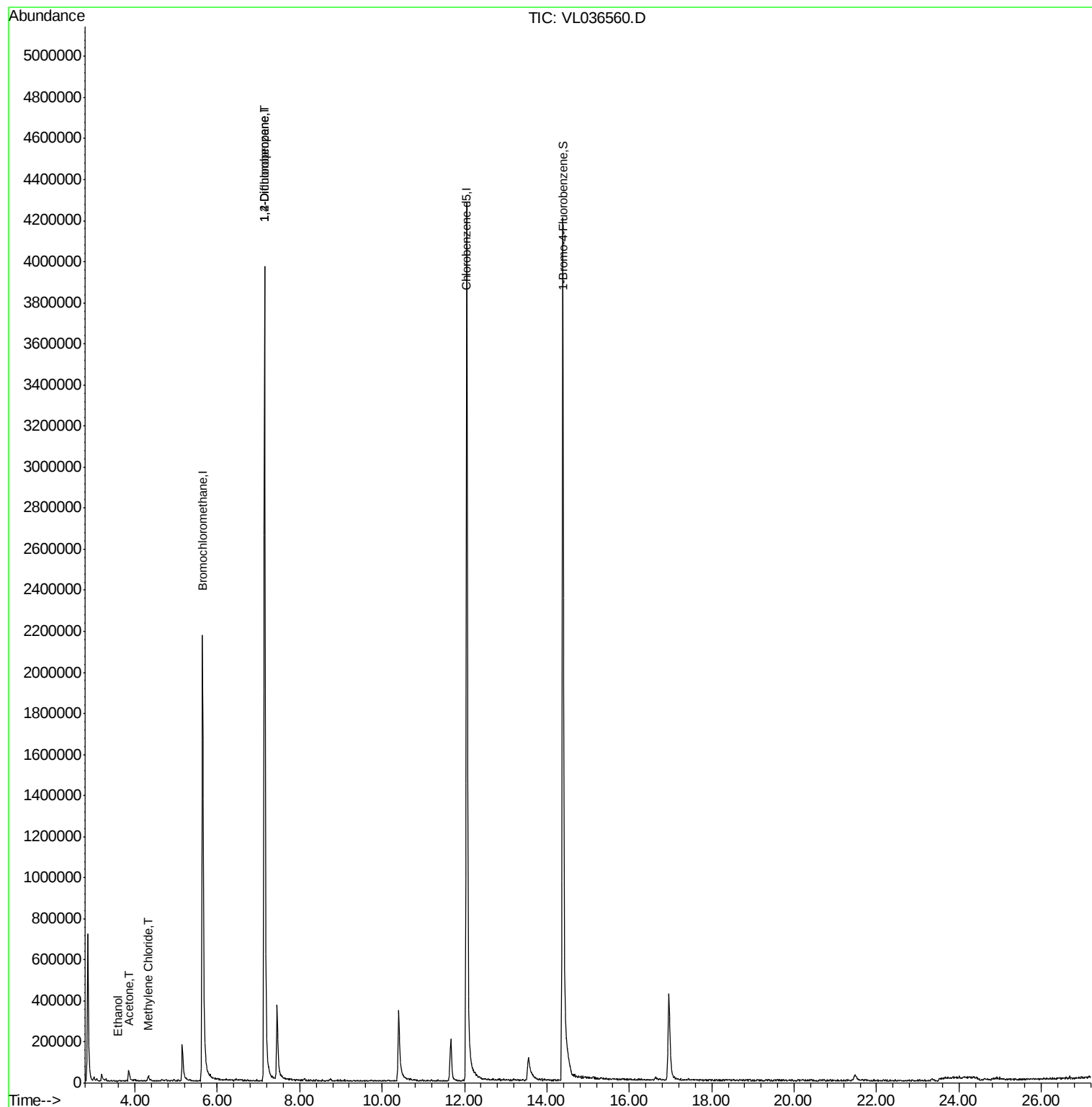
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	673	0.071	ppbv #	34
15) Acetone	3.84	43	40574	0.309	ppbv #	1
20) Methylene Chloride	4.32	84	4613	0.075	ppbv #	88
39) 1,2-Dichloropropane	7.15	63	857869	7.361	ppbv #	23

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL036560.D

Acq: 30 Mar 2021 7:09

Instrument :

MSVOA_L

ClientSampleId :

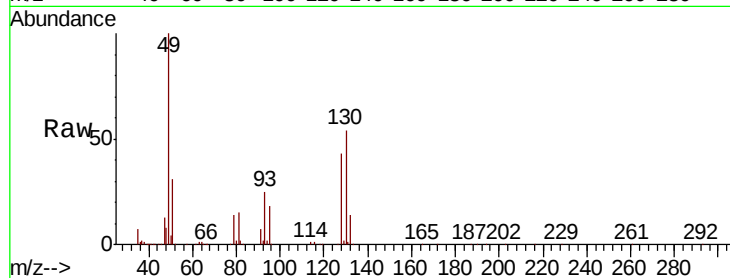
Tot Ion: 49 Resp: 1334125

Ion Ratio Lower Upper

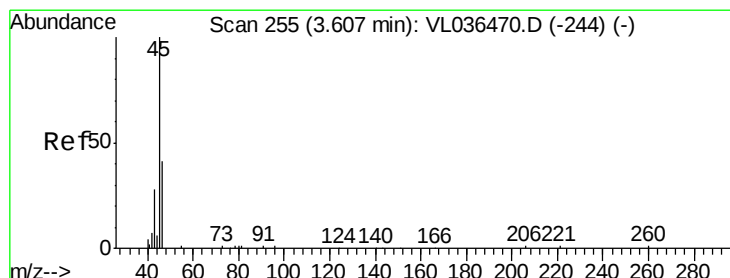
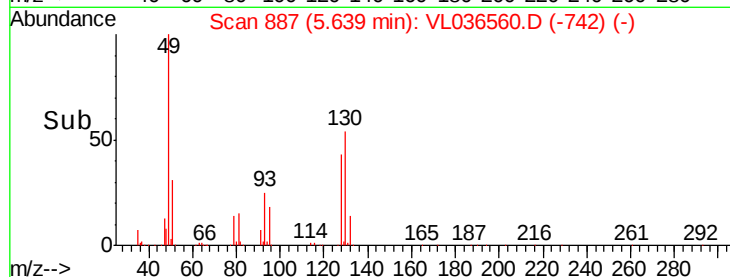
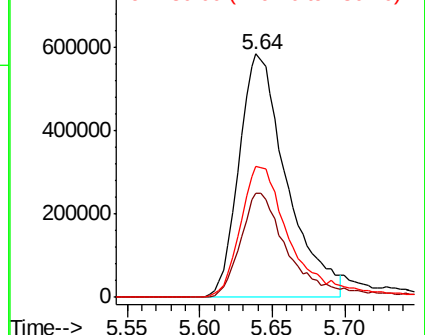
49 100

128 45.5 23.5 70.6

130 58.7 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 0.071 ppbv

RT: 3.59 min Scan# 250

Delta R.T. -0.02 min

Lab File: VL036560.D

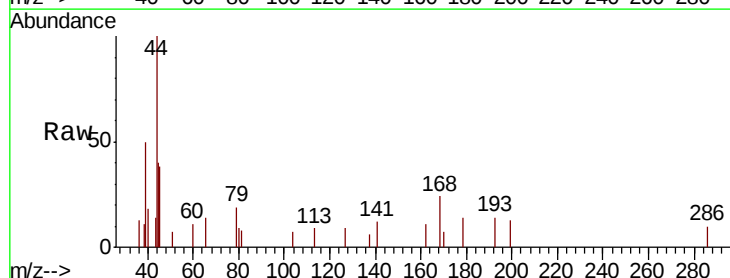
Acq: 30 Mar 2021 7:09

Tgt Ion: 45 Resp: 673

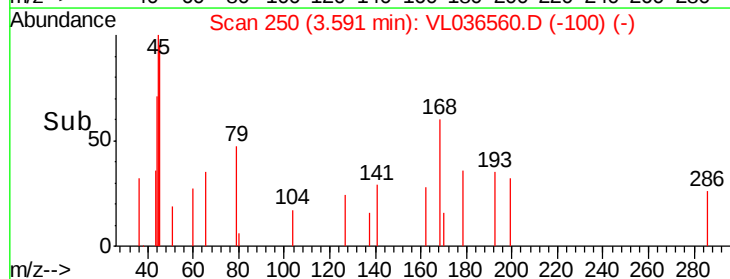
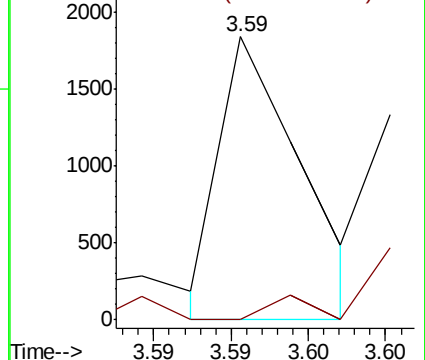
Ion Ratio Lower Upper

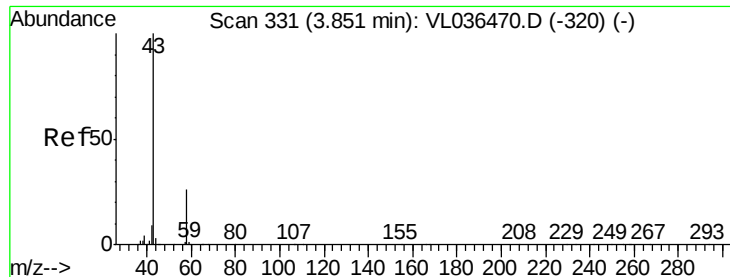
45 100

46 0.0 16.6 66.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 46.10 (45.80 to 46.80): VL0

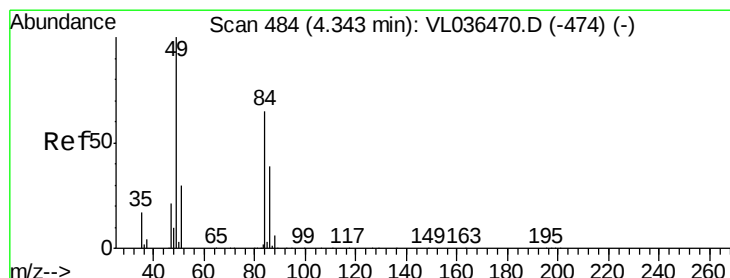
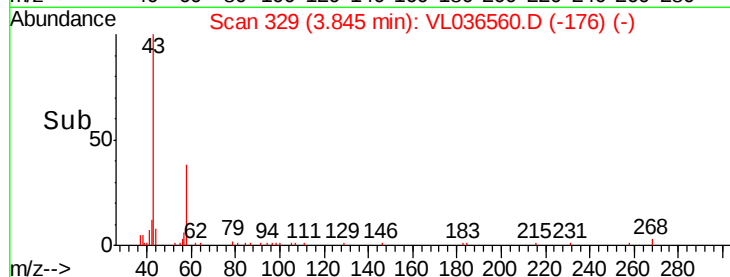
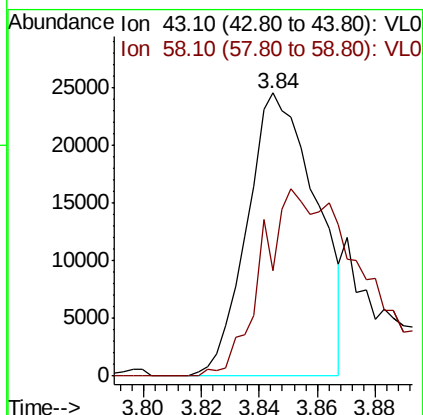
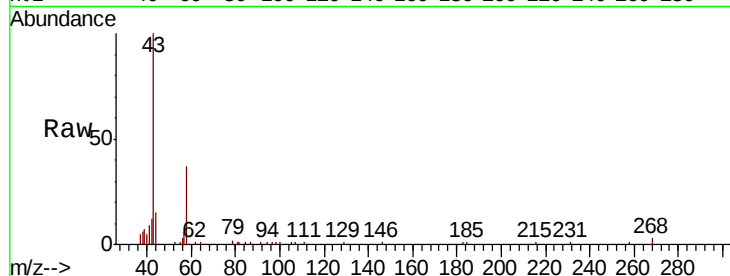




#15
Acetone
Concen: 0.309 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL036560.D
Acq: 30 Mar 2021 7:09

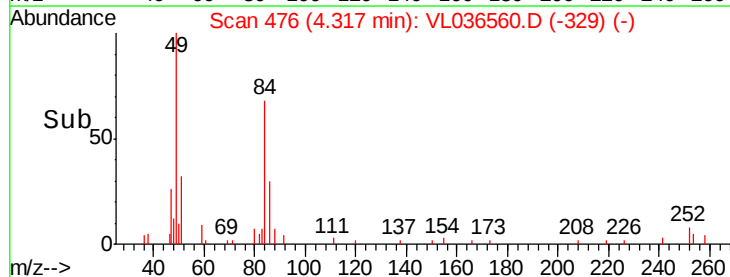
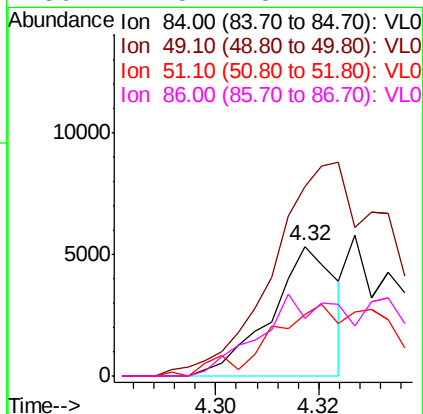
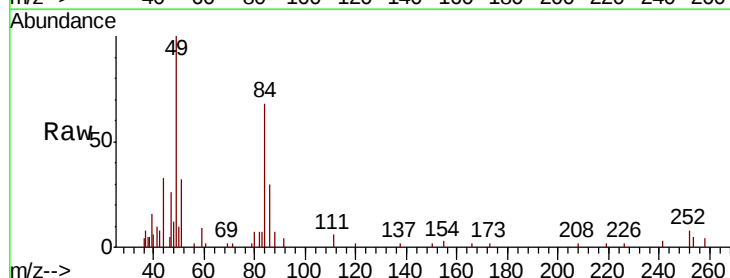
Instrument :
MSVOA_L
ClientSampleId :

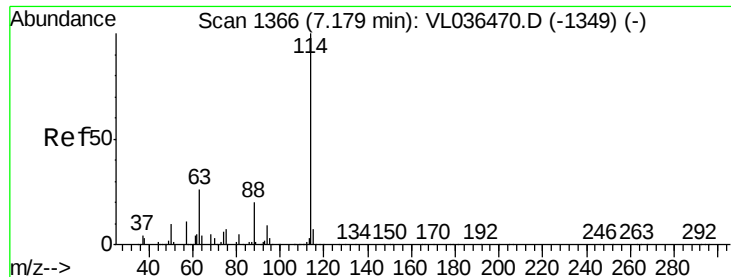
Tot Ion: 43 Resp: 40574
Ion Ratio Lower Upper
43 100
58 106.0 21.2 31.8#



#20
Methylene Chloride
Concen: 0.075 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL036560.D
Acq: 30 Mar 2021 7:09

Tgt Ion: 84 Resp: 4613
Ion Ratio Lower Upper
84 100
49 139.4 122.9 184.3
51 47.4 36.9 55.3
86 44.3 48.2 72.4#

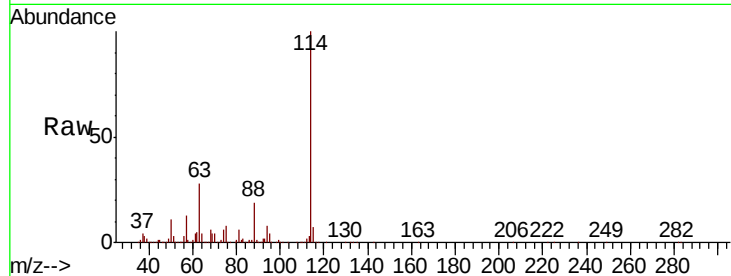




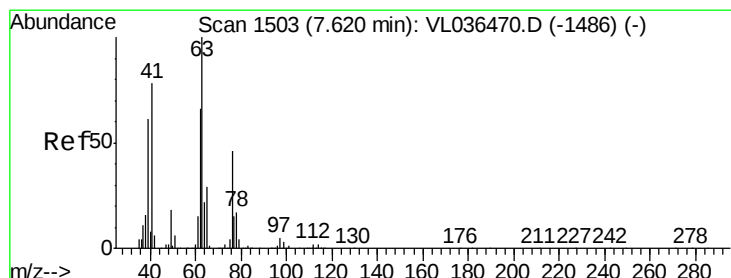
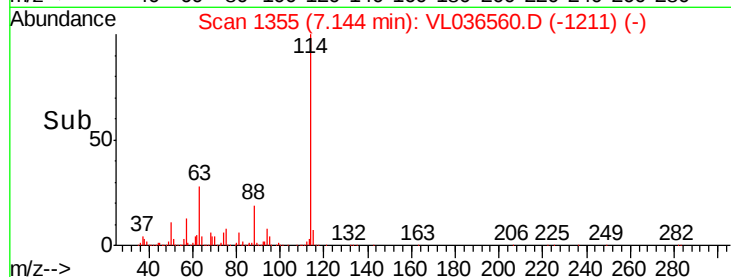
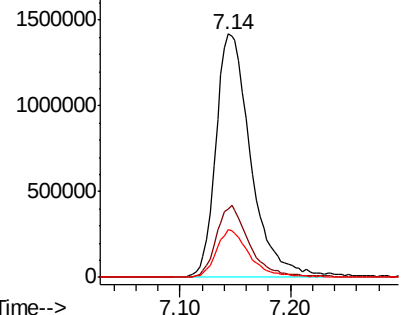
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.04 min
 Lab File: VL036560.D
 Acq: 30 Mar 2021 7:09

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3115028
 Ion Ratio Lower Upper
 114 100
 63 28.5 22.4 33.6
 88 18.9 15.4 23.0

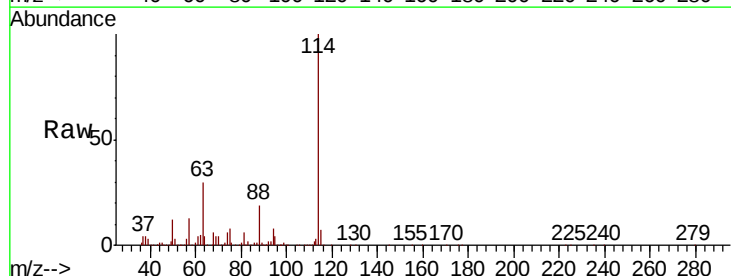


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

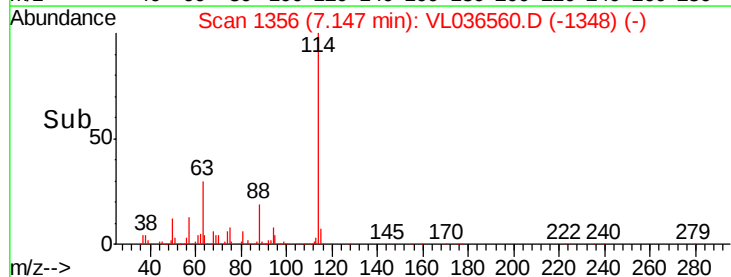
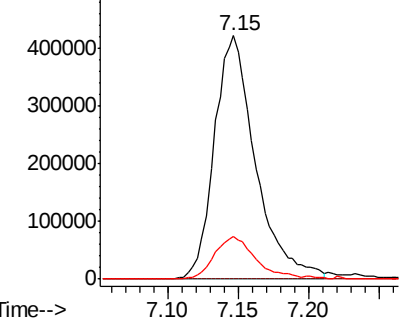


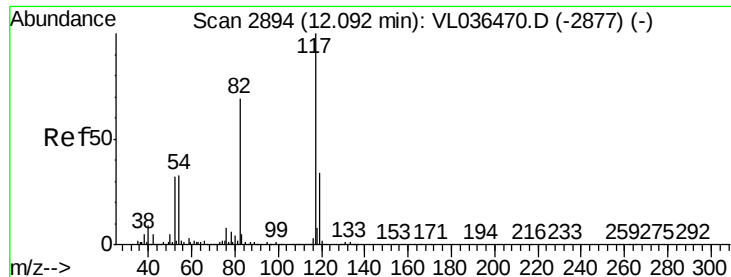
#39
 1,2-Dichloropropane
 Concen: 7.361 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.47 min
 Lab File: VL036560.D
 Acq: 30 Mar 2021 7:09

Tgt Ion: 63 Resp: 857869
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.4 93.6#
 62 17.1 52.8 79.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

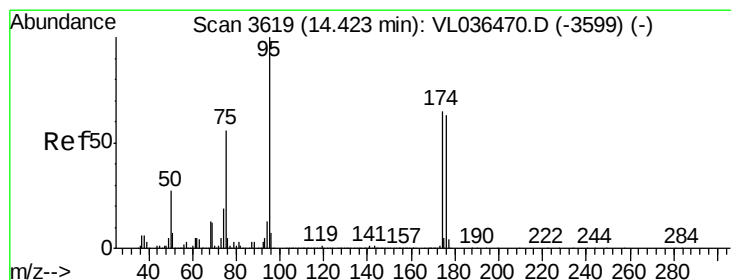
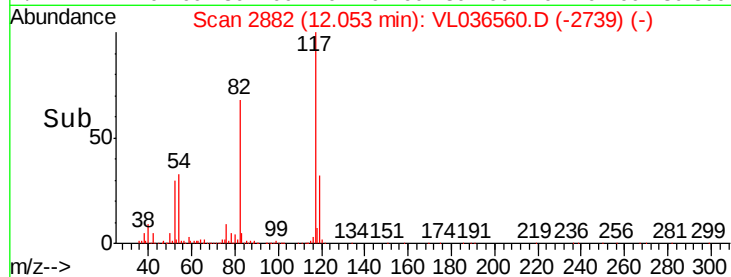
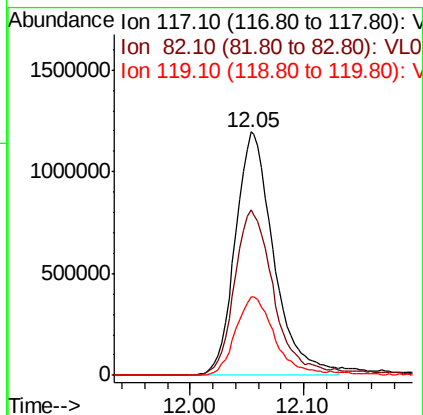
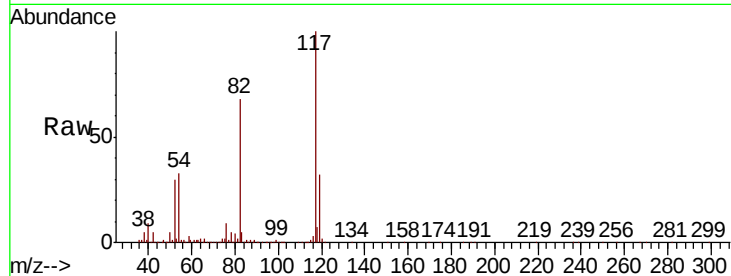




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.04 min
Lab File: VL036560.D
Acq: 30 Mar 2021 7:09

Instrument :
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ClientSampleId :

Tot Ion:117 Resp: 2830394
Ion Ratio Lower Upper
117 100
82 72.1 57.4 86.0
119 33.8 47.4 71.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.005 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL036560.D
Acq: 30 Mar 2021 7:09

Tgt Ion: 95 Resp: 2256941
Ion Ratio Lower Upper
95 100
174 65.4 51.0 76.6
175 4.8 3.9 5.9

