

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036834.D
 Acq On : 20 Apr 2021 23:04
 Operator : SY/AP
 Sample : OC041921 CAN 10281
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 21 06:39:41 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	5.68	49	1147509	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2799533	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2372706	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1846702	9.77	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.70%

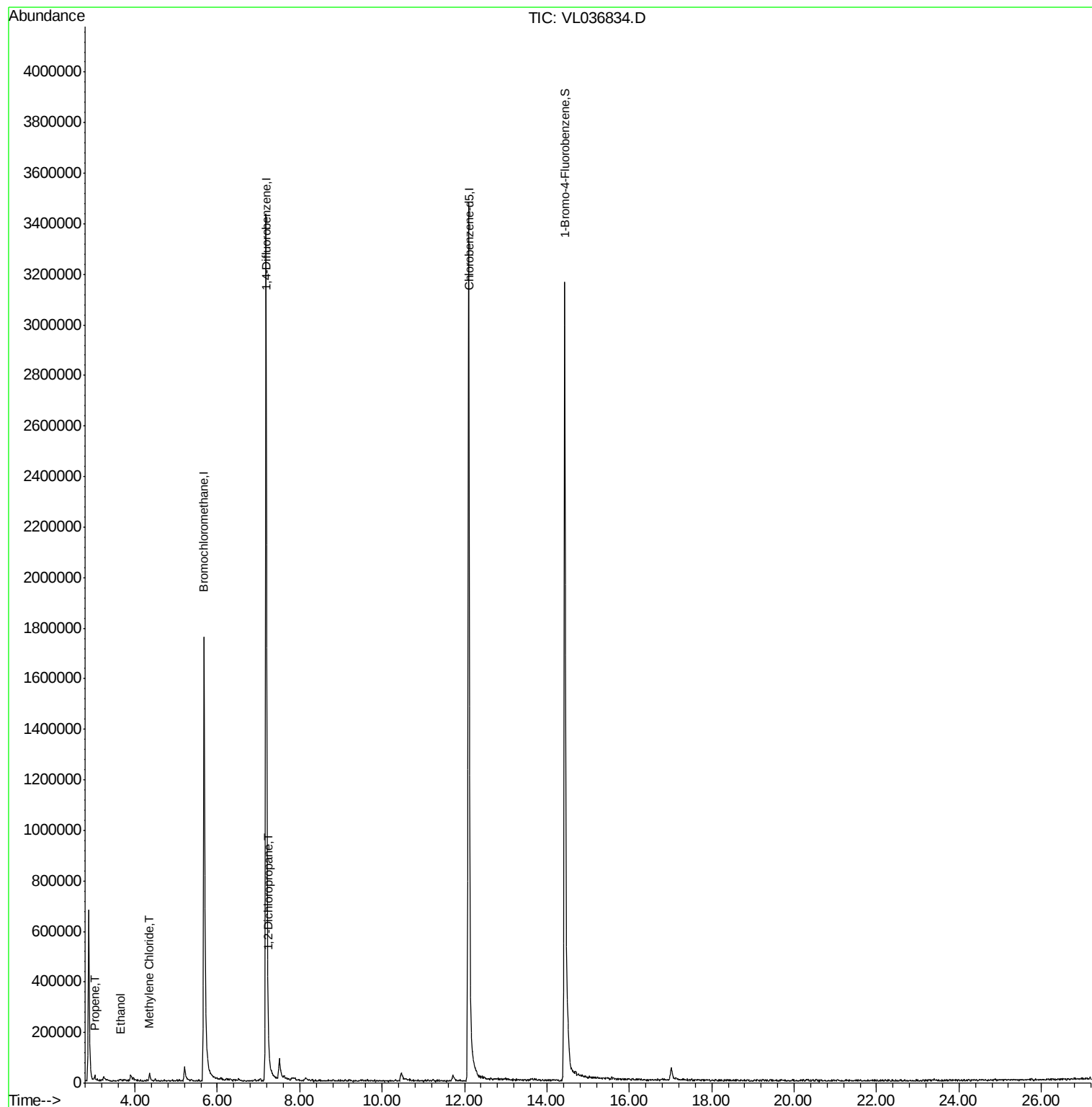
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	2655	0.039	ppbv #	1
13) Ethanol	3.64	45	2788	0.343	ppbv #	34
20) Methylene Chloride	4.35	84	5658	0.107	ppbv #	81
39) 1,2-Dichloropropane	7.24	63	10297	0.098	ppbv #	22

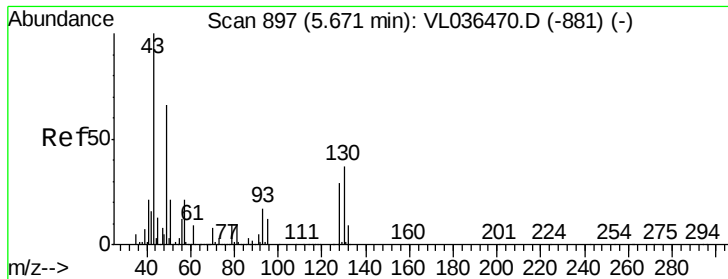
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 23:04

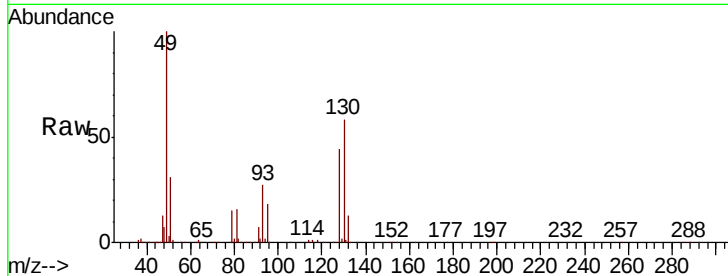
Tot Ion: 49 Resp: 1147509

Ion Ratio Lower Upper

49 100

128 46.8 23.5 70.6

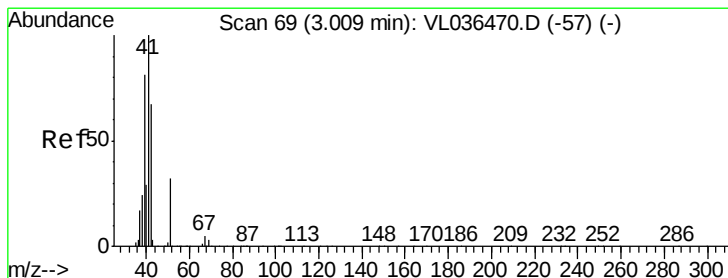
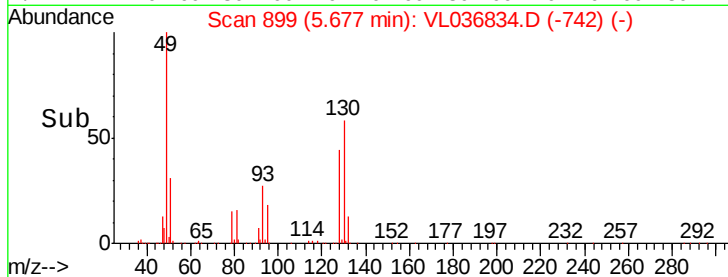
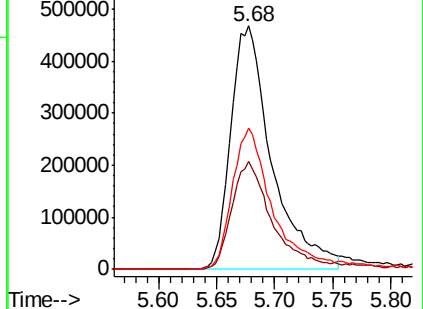
130 59.6 29.1 87.4



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



#9

Propene

Concen: 0.039 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL036834.D

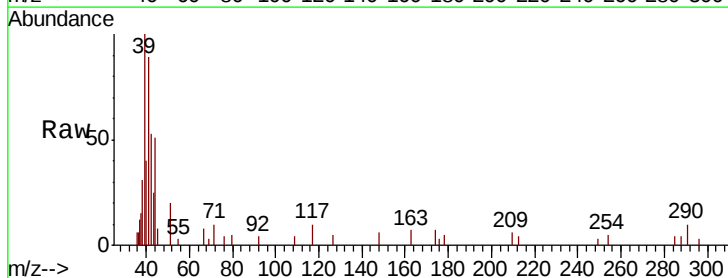
Acq: 20 Apr 2021 23:04

Tgt Ion: 41 Resp: 2655

Ion Ratio Lower Upper

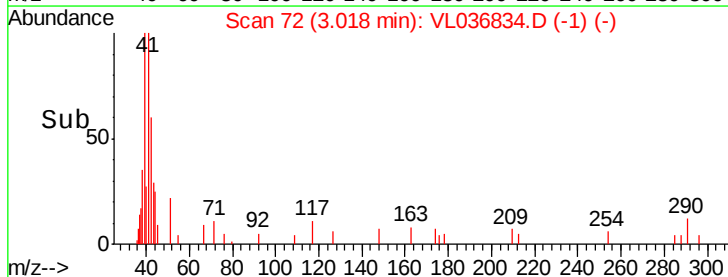
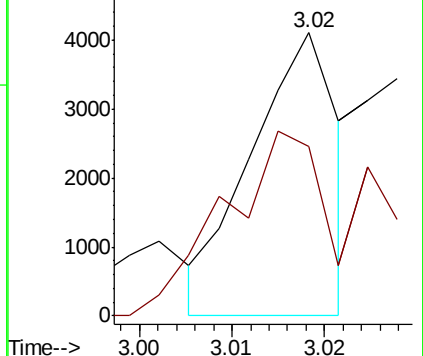
41 100

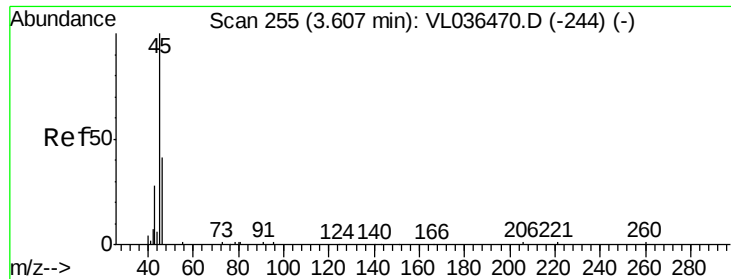
42 205.5 57.0 85.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

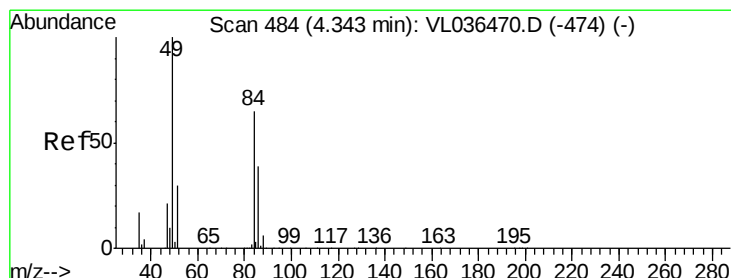
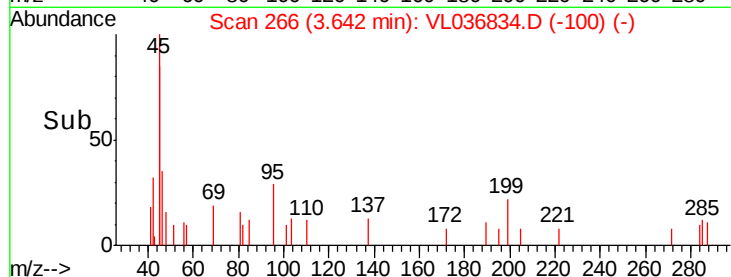
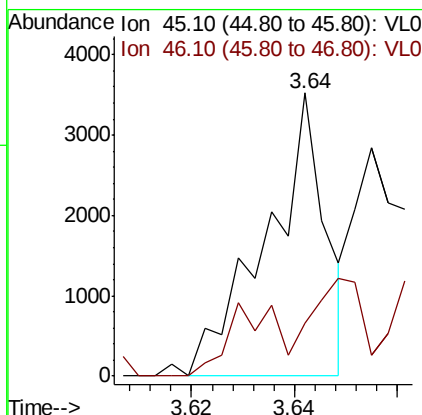
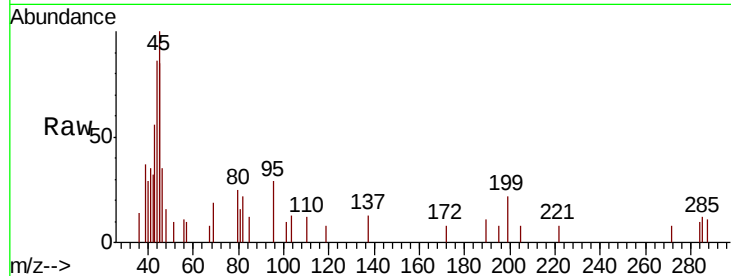
Ion 42.10 (41.80 to 42.80): VL0





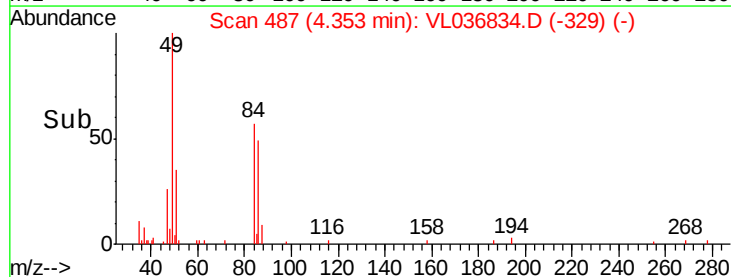
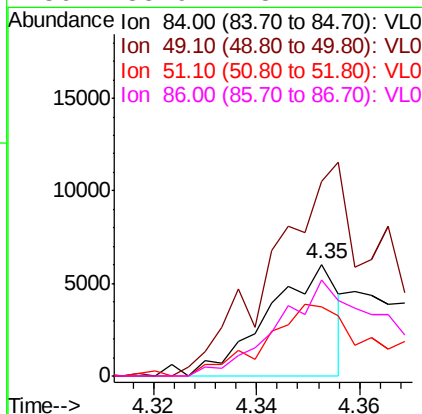
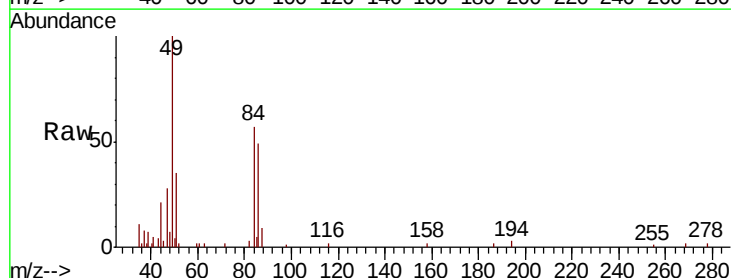
#13
Ethanol
Concen: 0.343 ppbv
RT: 3.64
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 23:04

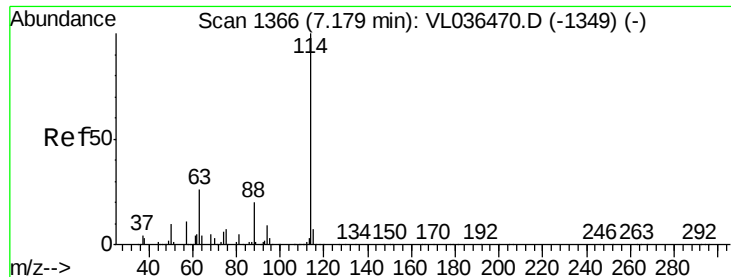
Tot Ion: 45 Resp: 2788
Ion Ratio Lower Upper
45 100
46 0.0 16.6 66.2#



#20
Methylene Chloride
Concen: 0.107 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036834.D
Acq: 20 Apr 2021 23:04

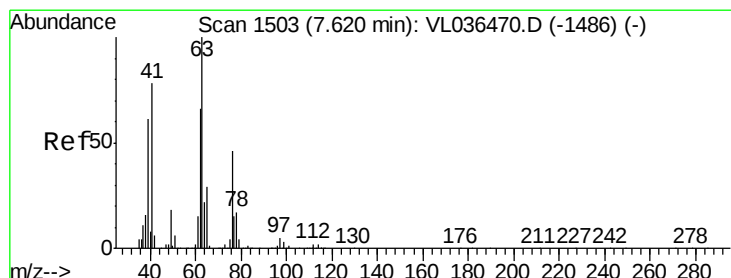
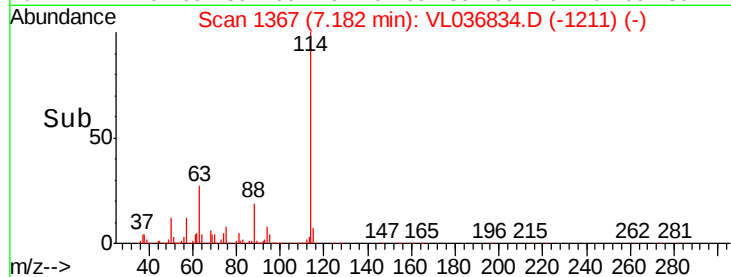
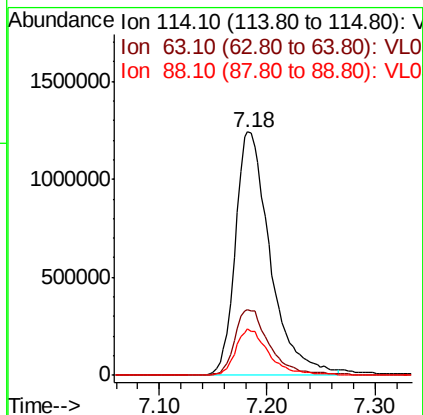
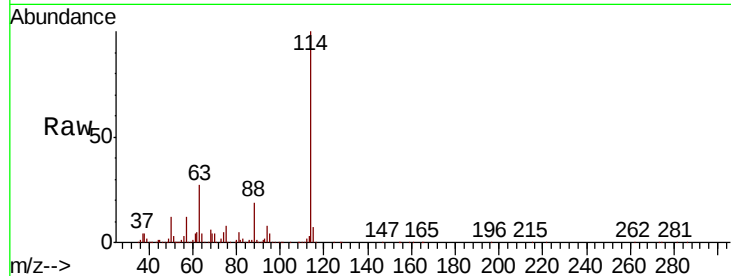
Tgt Ion: 84 Resp: 5658
Ion Ratio Lower Upper
84 100
49 165.7 122.9 184.3
51 65.3 36.9 55.3#
86 85.9 48.2 72.4#





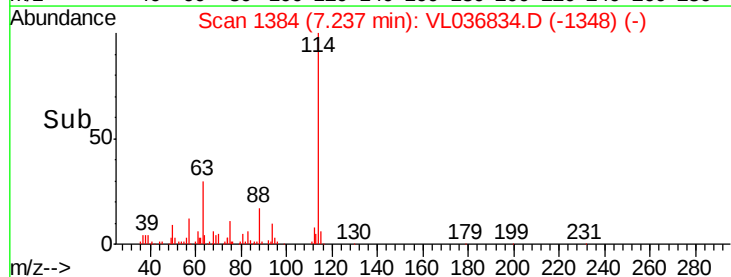
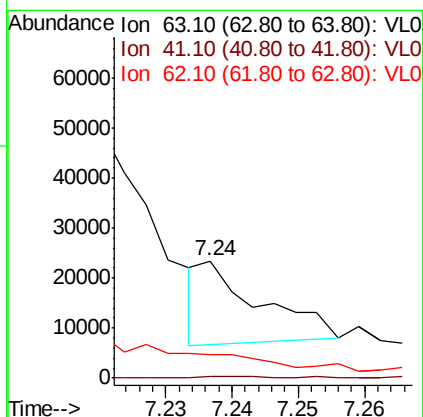
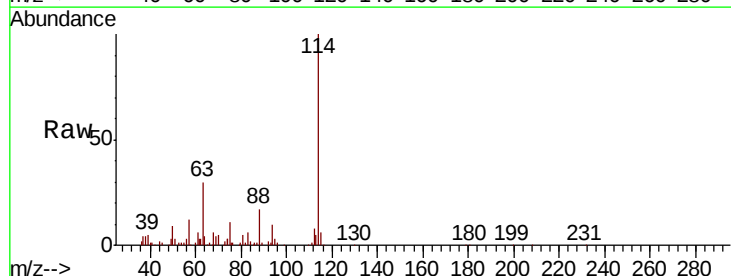
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Apr 2021 23:04

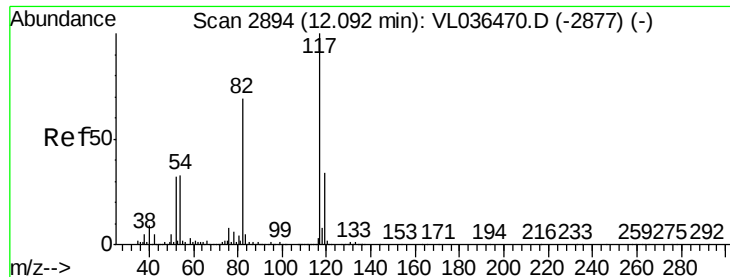
Tot Ion: 114 Resp: 2799533
 Ion Ratio Lower Upper
 114 100
 63 27.6 22.4 33.6
 88 18.6 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 0.098 ppbv
 RT: 7.24 min Scan# 1384
 Delta R.T.: -0.38 min
 Lab File: VL036834.D
 Acq: 20 Apr 2021 23:04

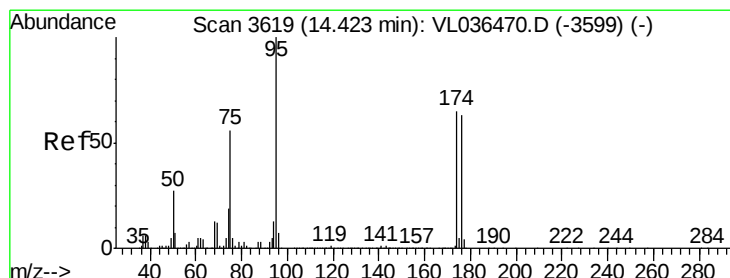
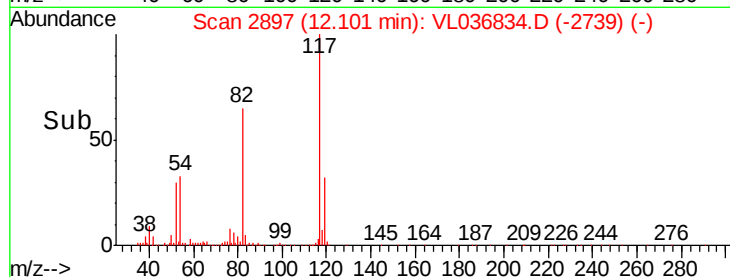
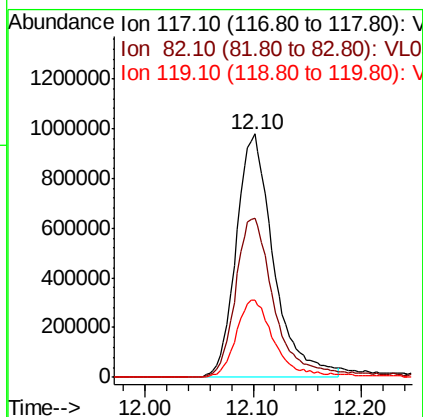
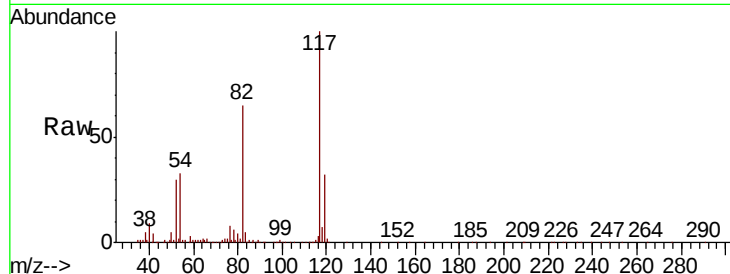
Tgt Ion: 63 Resp: 10297
 Ion Ratio Lower Upper
 63 100
 41 2.7 62.4 93.6#
 62 11.3 52.8 79.2#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 23:04

Tot Ion: 117 Resp: 2372706
Ion Ratio Lower Upper
117 100
82 70.6 57.4 86.0
119 33.4 47.4 71.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.765 ppbv
RT: 14.43 min Scan# 3621
Delta R.T.: 0.01 min
Lab File: VL036834.D
Acq: 20 Apr 2021 23:04

Tgt Ion: 95 Resp: 1846702
Ion Ratio Lower Upper
95 100
174 61.8 51.0 76.6
175 4.5 3.9 5.9

