

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102521\
 Data File : VL037894.D
 Acq On : 25 Oct 2021 15:09
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 25 23:50:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1441942	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4393441	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3435279	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2425107	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

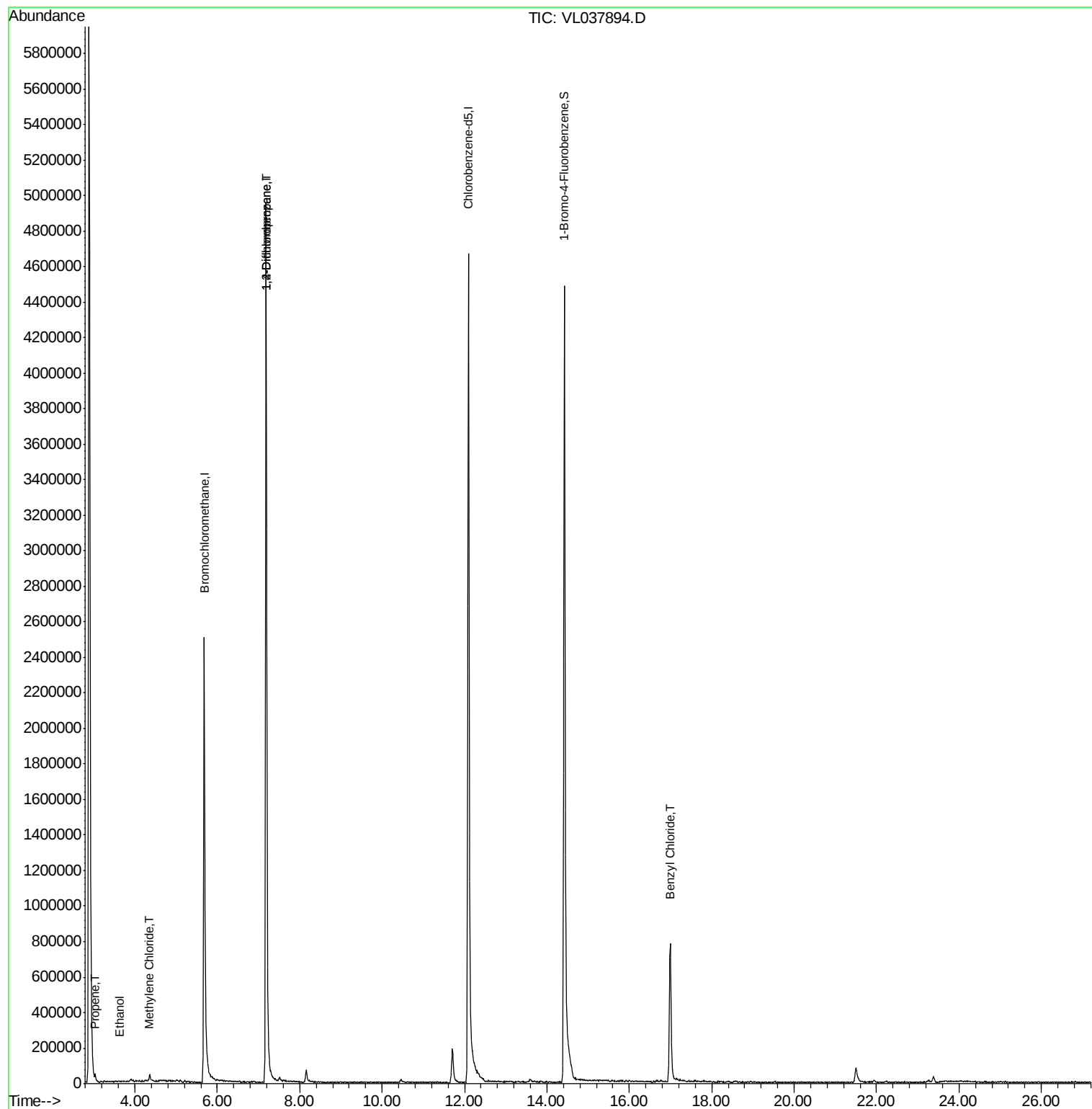
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	8458	0.083	ppbv #	16
13) Ethanol	3.63	45	431	0.052	ppbv #	27
20) Methylene Chloride	4.36	84	13839	0.212	ppbv #	68
39) 1,2-Dichloropropane	7.19	63	1016470	7.201	ppbv #	29
66) Benzyl Chloride	17.00	91	545	0.024	ppbv #	81

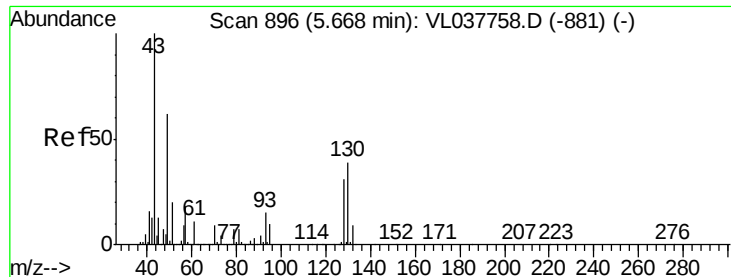
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VIBLK

Acq: 25 Oct 2021 15:09

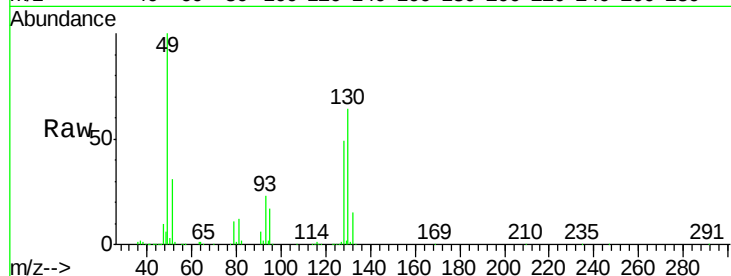
Tgt Ion: 49 Resp: 1441942

Ion Ratio Lower Upper

49 100

128 56.7 27.1 81.3

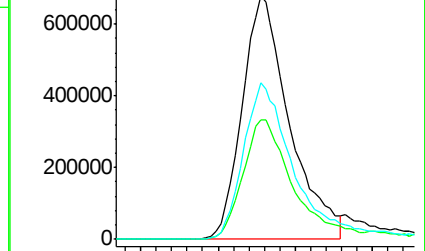
130 73.1 33.2 99.6



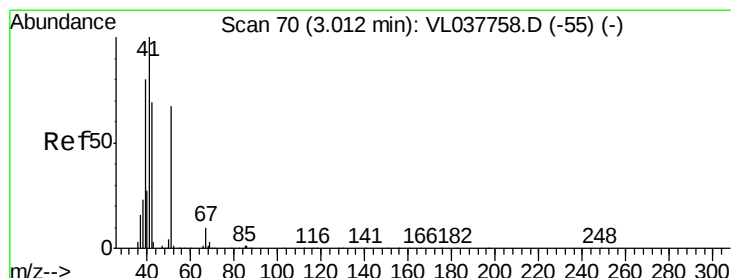
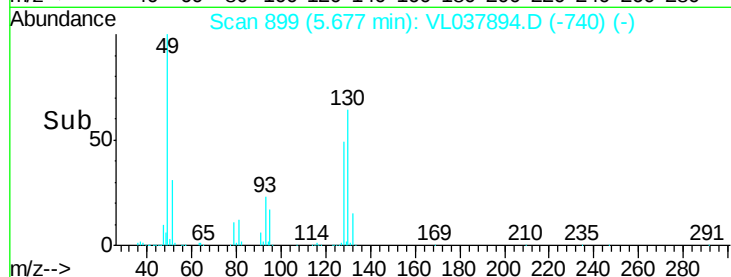
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



Time-->



#9

Propene

Concen: 0.083 ppbv

RT: 3.03 min Scan# 76

Delta R.T. 0.02 min

Lab File: VL037894.D

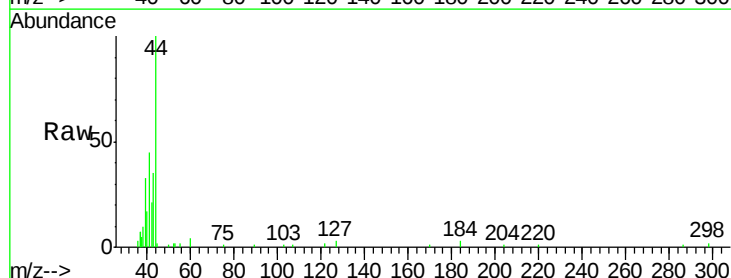
Acq: 25 Oct 2021 15:09

Tgt Ion: 41 Resp: 8458

Ion Ratio Lower Upper

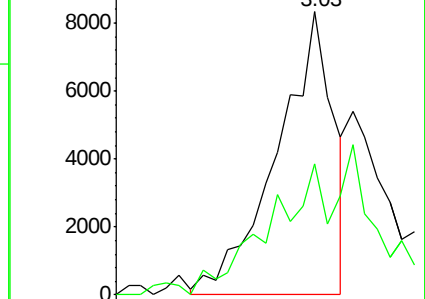
41 100

42 0.0 54.2 81.2#

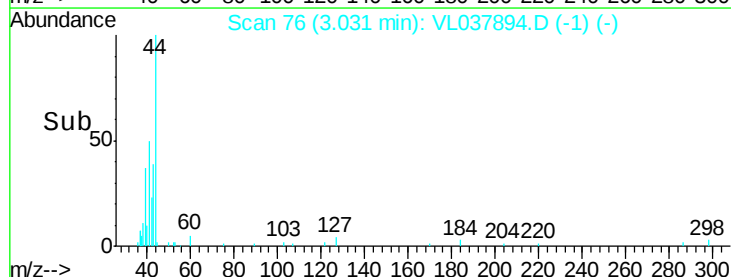


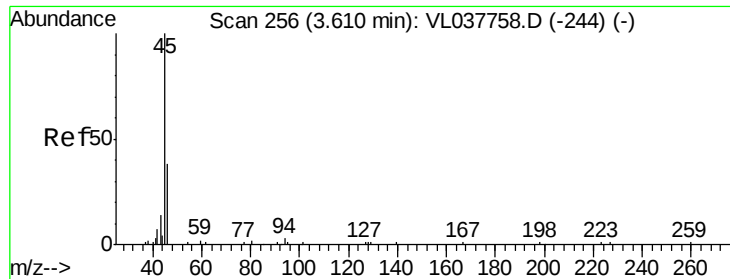
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



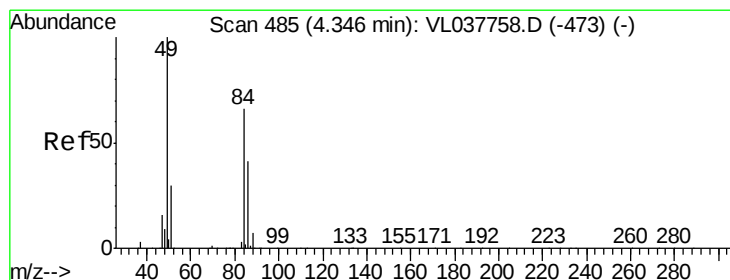
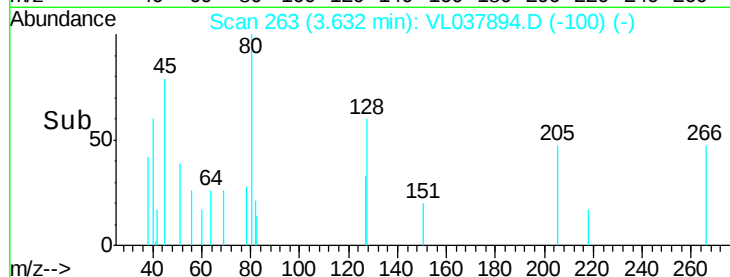
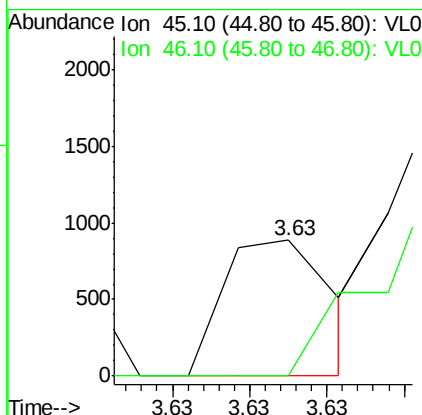
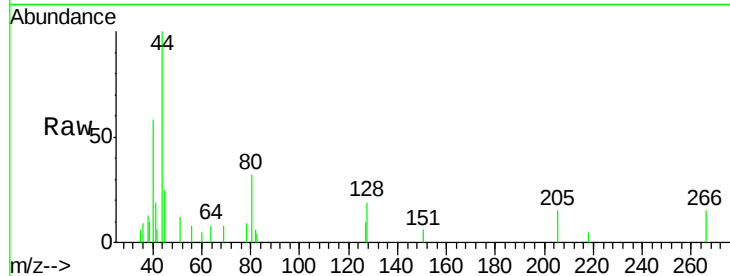
Time-->





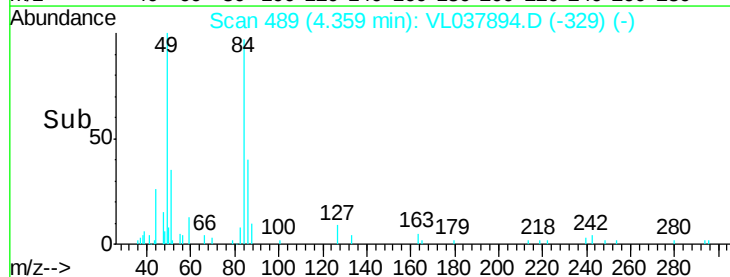
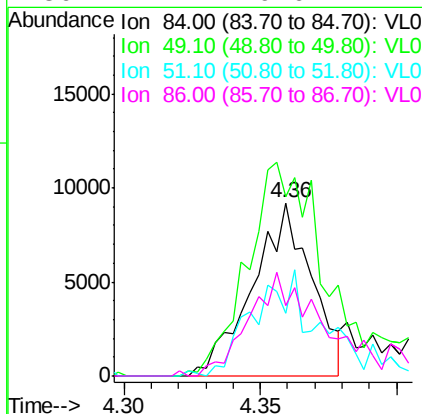
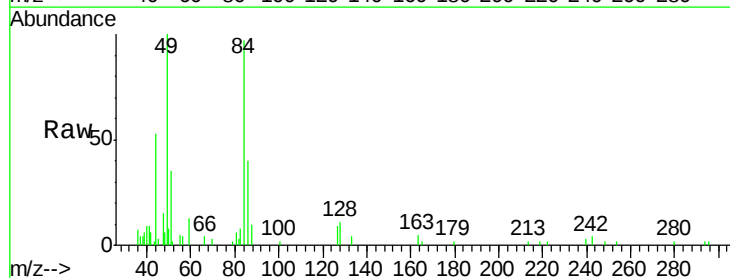
#13
Ethanol
Concen: 0.052 ppbv
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 15:09

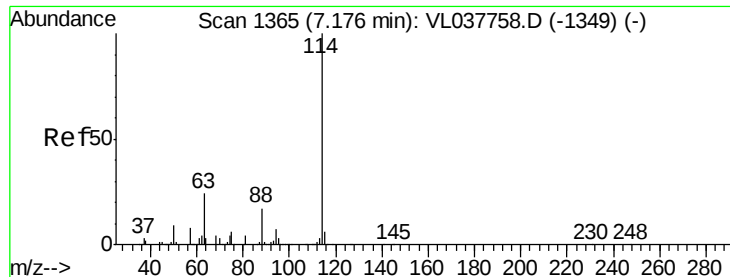
Tgt Ion: 45 Resp: 431
Ion Ratio Lower Upper
45 100
46 0.0 20.2 81.0#



#20
Methylene Chloride
Concen: 0.212 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.01 min
Lab File: VL037894.D
Acq: 25 Oct 2021 15:09

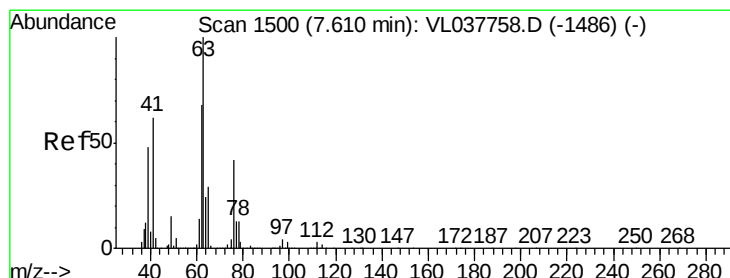
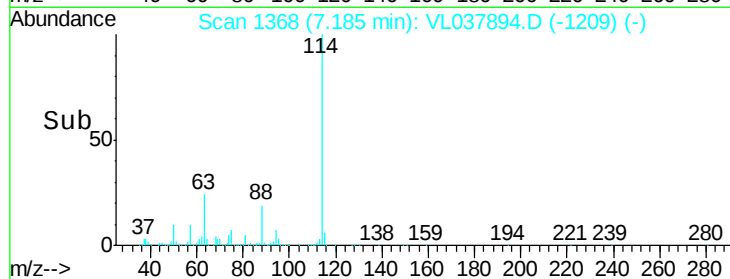
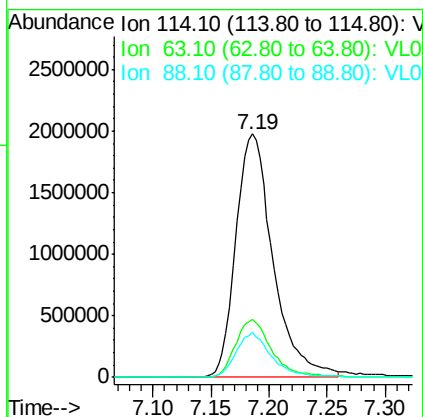
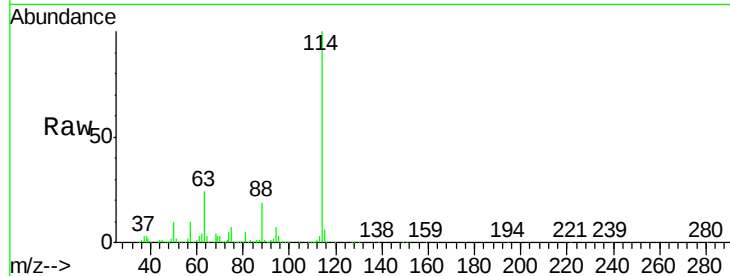
Tgt Ion: 84 Resp: 13839
Ion Ratio Lower Upper
84 100
49 100.3 120.7 181.1#
51 35.9 36.2 54.4#
86 41.1 49.6 74.4#





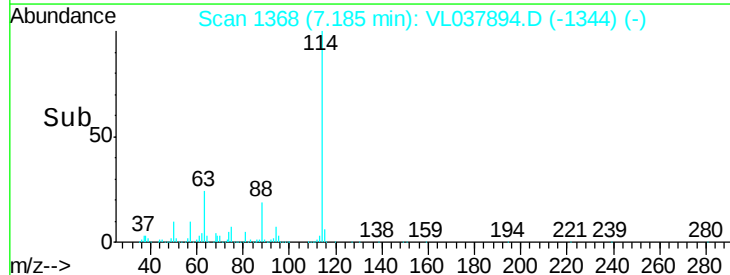
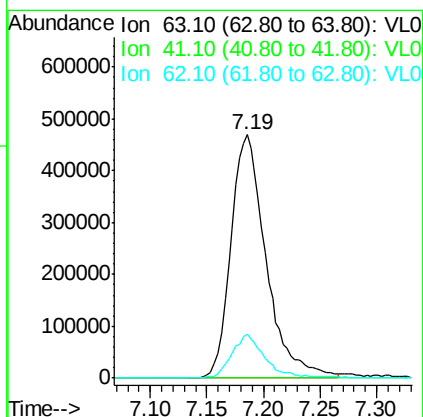
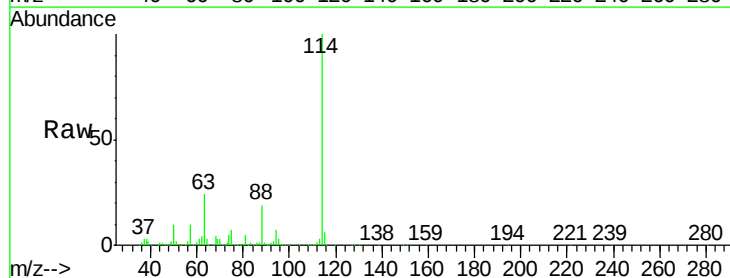
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VIBLK
 Acq: 25 Oct 2021 15:09

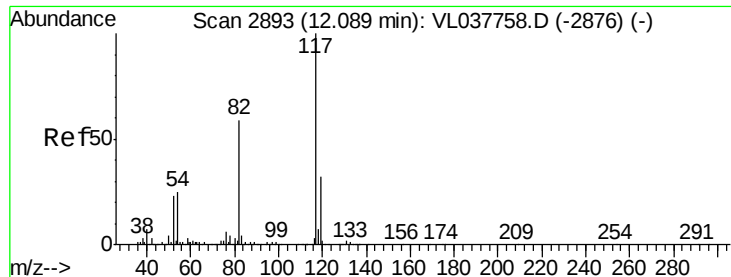
Tgt Ion: 114 Resp: 4393441
 Ion Ratio Lower Upper
 114 100
 63 23.5 19.4 29.2
 88 18.0 14.4 21.6



#39
 1,2-Dichloropropane
 Concen: 7.201 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.42 min
 Lab File: VL037894.D
 Acq: 25 Oct 2021 15:09

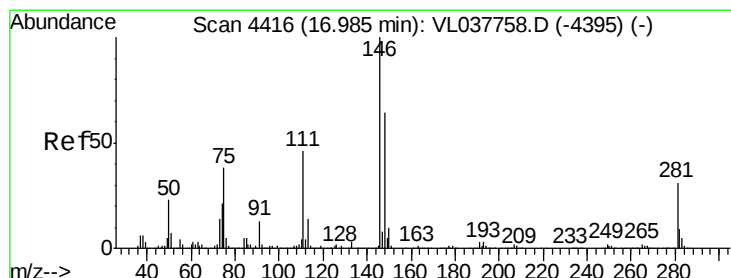
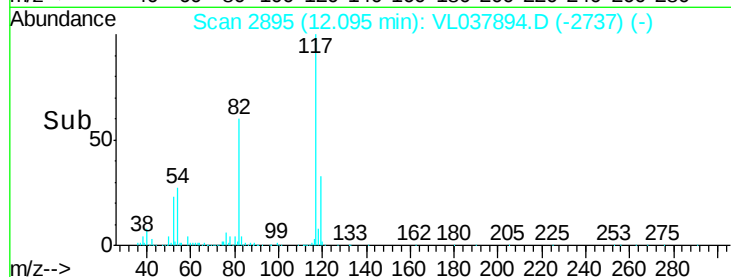
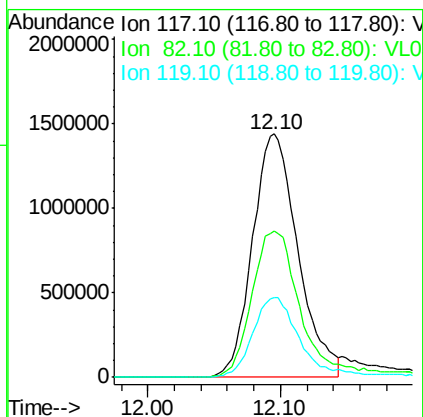
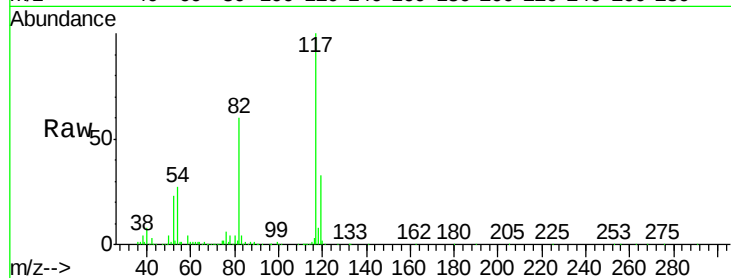
Tgt Ion: 63 Resp: 1016470
 Ion Ratio Lower Upper
 63 100
 41 0.0 49.8 74.6#
 62 17.8 54.6 82.0#





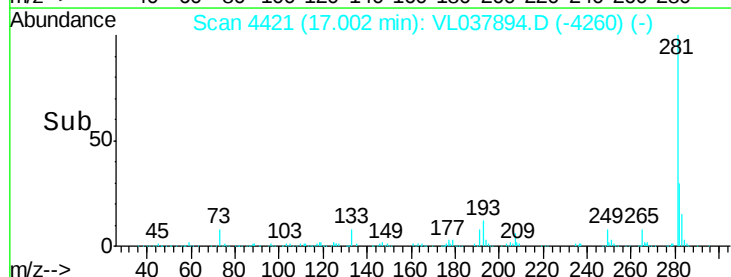
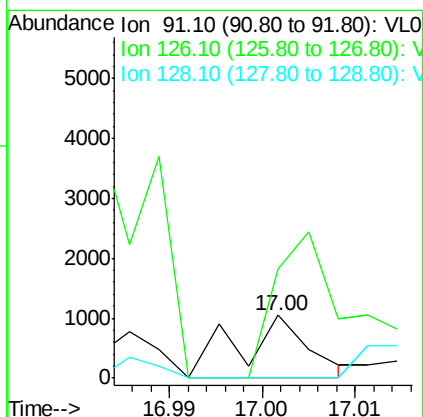
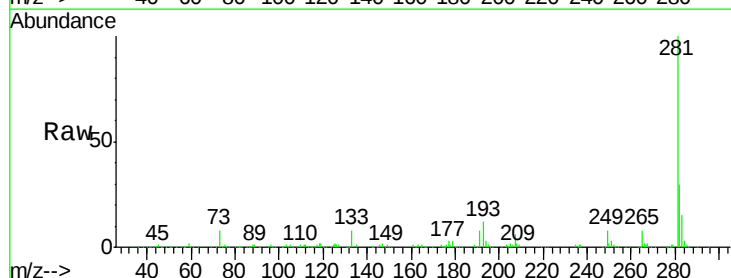
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 15:09

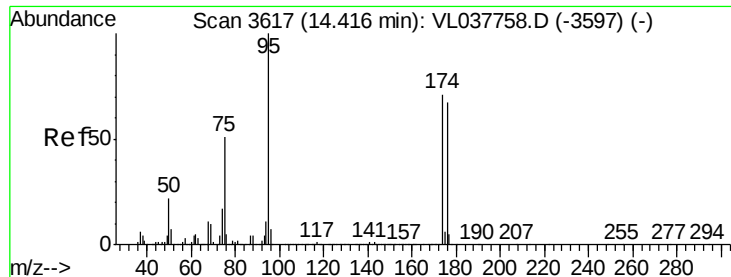
Tgt Ion: 117 Resp: 3435279
Ion Ratio Lower Upper
117 100
82 68.3 52.2 78.2
119 35.6 26.0 39.0



#66
Benzyl Chloride
Concen: 0.024 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. 0.02 min
Lab File: VL037894.D
Acq: 25 Oct 2021 15:09

Tgt Ion: 91 Resp: 545
Ion Ratio Lower Upper
91 100
126 398.9 0.0 0.0#
128 0.0 5.3 7.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.095 ppbv

RT: 14.42 Instrument:

Delta R.T MSVOA_L

Lab File: ClientSampleId :

VIBLK

Acq: 25 Oct 2021 13:09

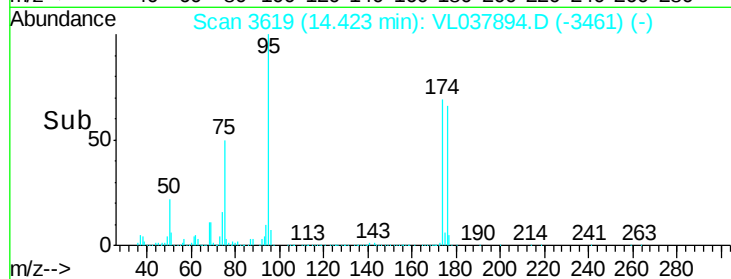
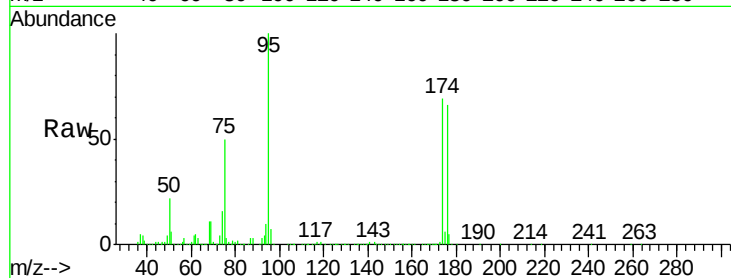
Tgt Ion: 95 Resp: 2425107

Ion Ratio Lower Upper

95 100

174 77.4 57.8 86.6

175 5.8 4.7 7.1



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

