

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040121\
 Data File : VL036630.D
 Acq On : 1 Apr 2021 13:35
 Operator : SY/AP
 Sample : OC033121 CAN 10598
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 02 01:22:10 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	1462864	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3395810	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2927693	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2213847	9.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.90%

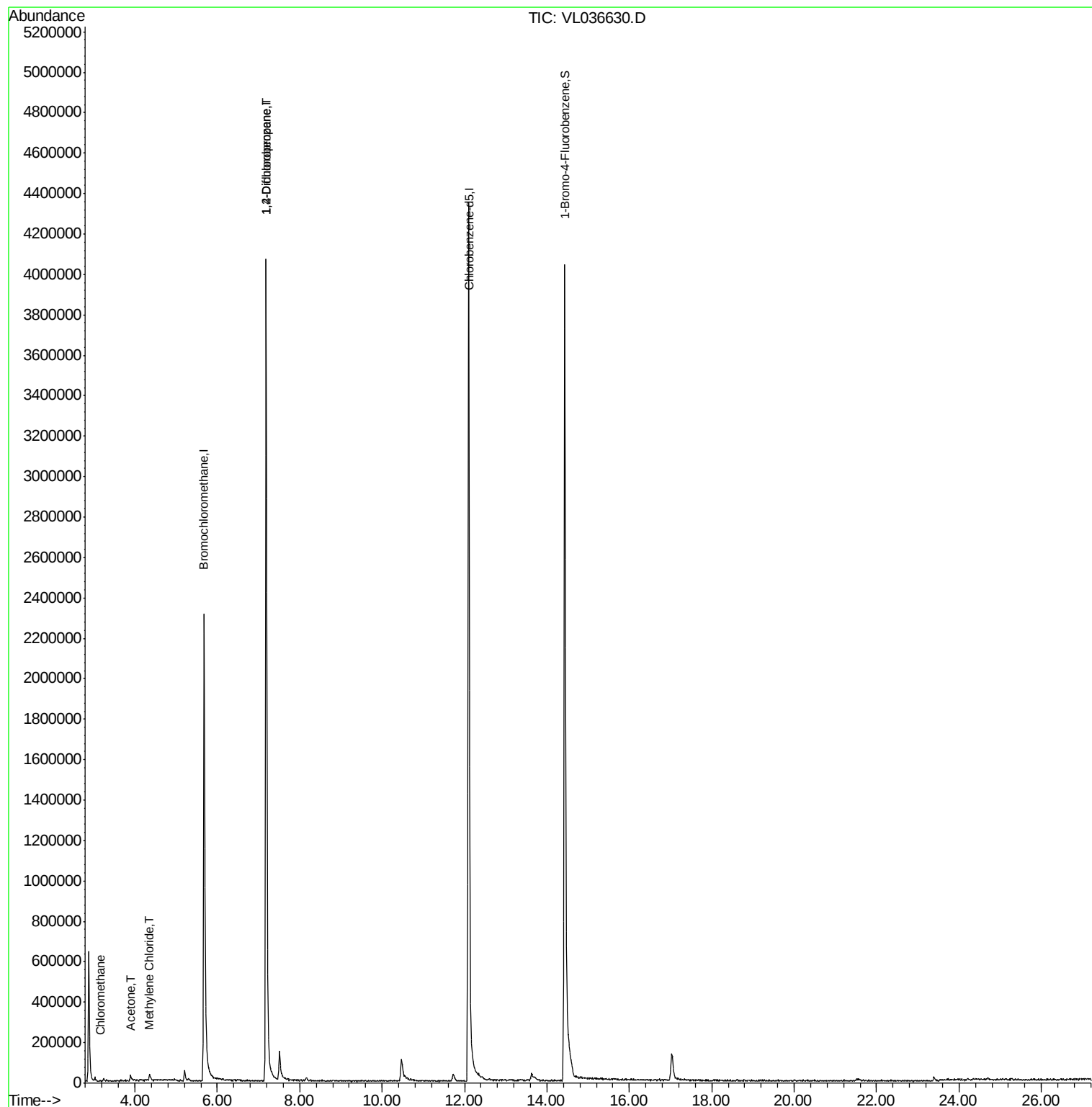
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.15	50	2481	0.026	ppbv #	69
15) Acetone	3.90	43	25433	0.177	ppbv #	33
20) Methylene Chloride	4.35	84	4488	0.067	ppbv #	61
39) 1,2-Dichloropropane	7.19	63	933728	7.350	ppbv #	24

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

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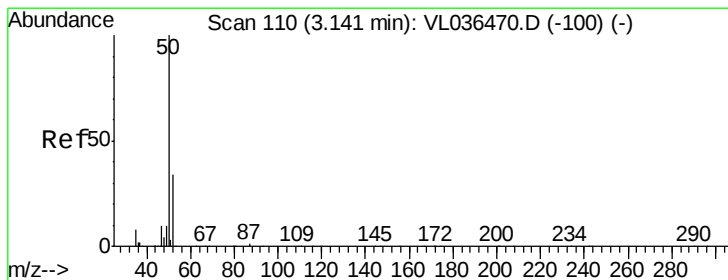
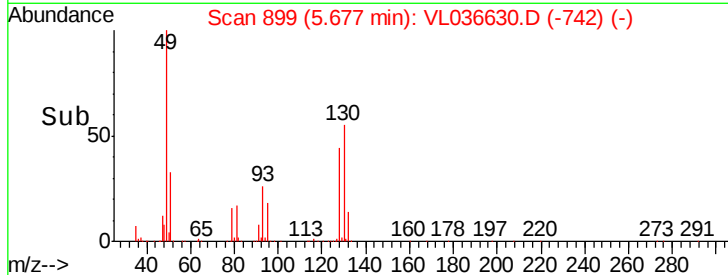
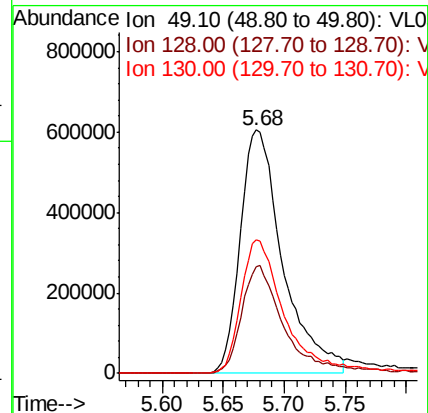
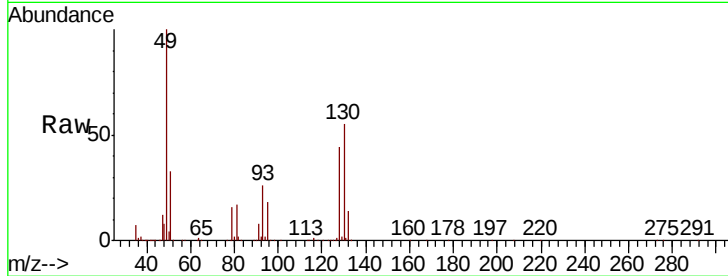


#1

Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: VL036630.D
 Acq: 1 Apr 2021 13:35

Instrument :
 MSVOA_L
 ClientSampled :

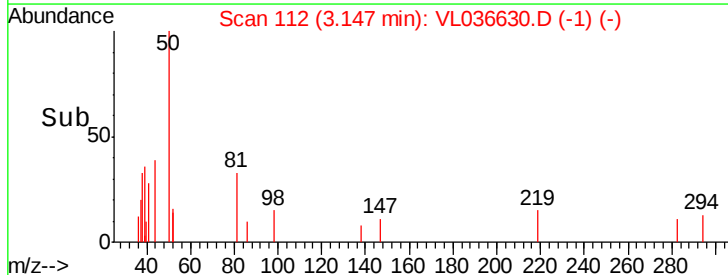
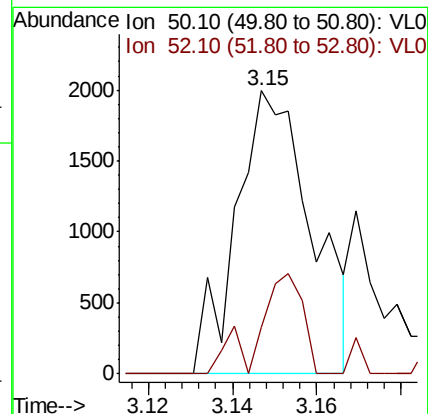
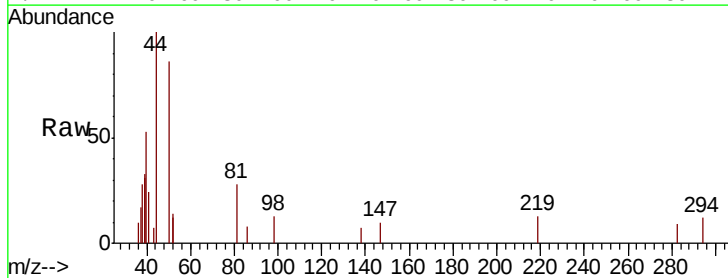
Tot Ion: 49 Resp: 1462864
 Ion Ratio Lower Upper
 49 100
 128 45.8 23.5 70.6
 130 58.0 29.1 87.4

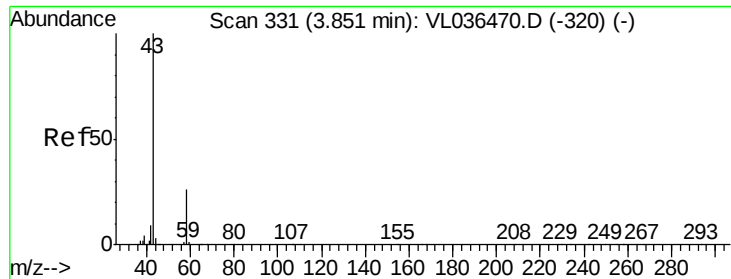


#4

Chloromethane
 Concen: 0.026 ppbv
 RT: 3.15 min Scan# 112
 Delta R.T. 0.01 min
 Lab File: VL036630.D
 Acq: 1 Apr 2021 13:35

Tgt Ion: 50 Resp: 2481
 Ion Ratio Lower Upper
 50 100
 52 16.2 27.0 40.6#





#15

Acetone

Concen: 0.177 ppbv

RT: 3.90 min Scan# 345

Delta R.T. 0.04 min

Lab File: VL036630.D

Acq: 1 Apr 2021 13:35

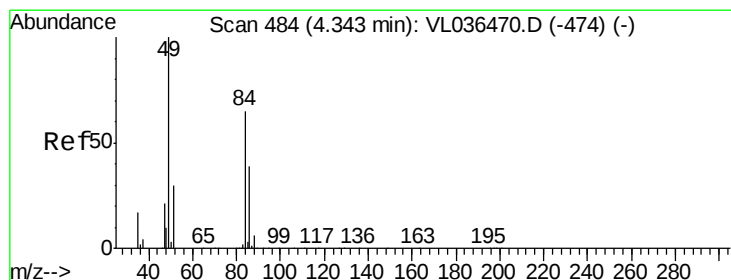
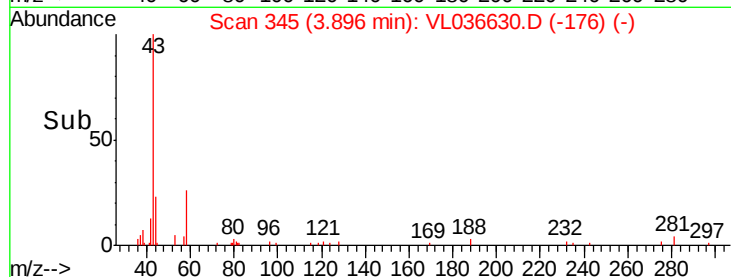
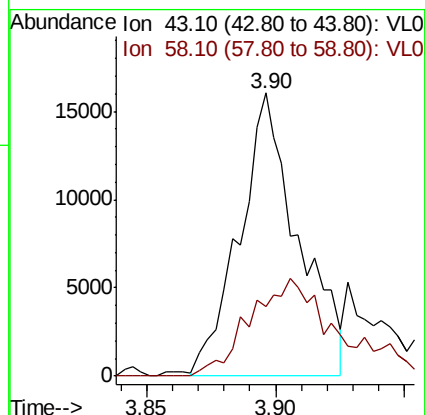
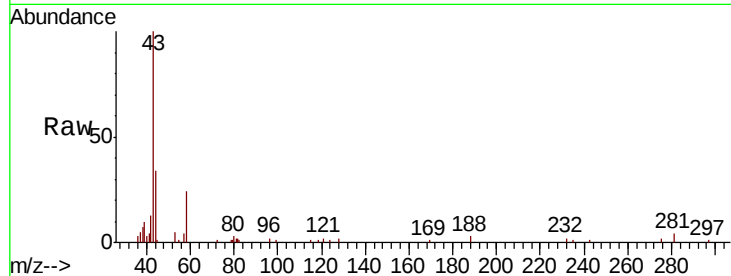
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 25433

Ion Ratio Lower Upper

43 100

58 61.0 21.2 31.8#



#20

Methylene Chloride

Concen: 0.067 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036630.D

Acq: 1 Apr 2021 13:35

Tgt Ion: 84 Resp: 4488

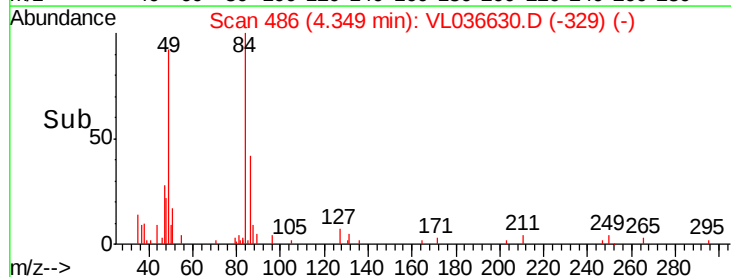
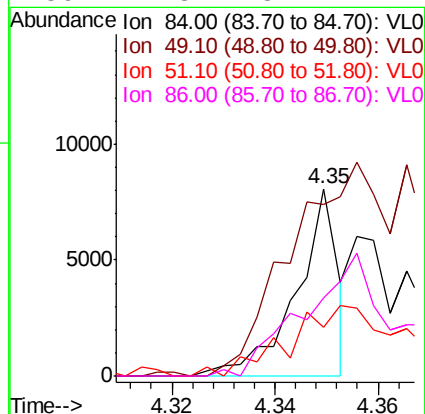
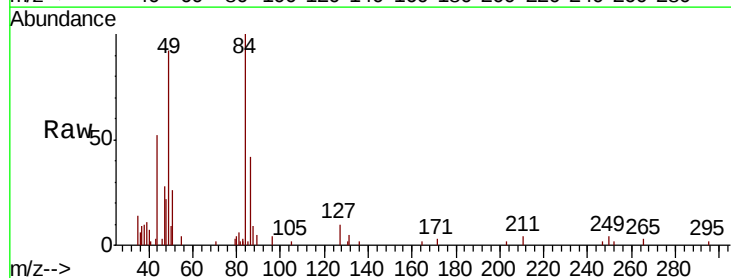
Ion Ratio Lower Upper

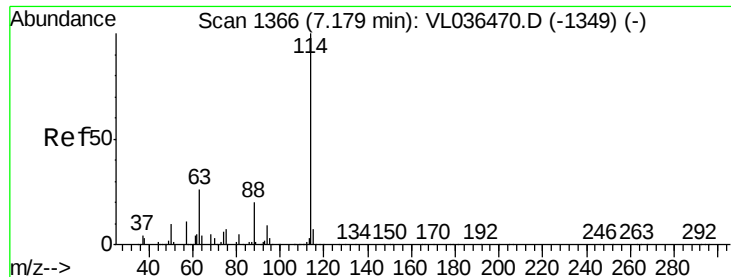
84 100

49 91.6 122.9 184.3#

51 26.2 36.9 55.3#

86 41.8 48.2 72.4#

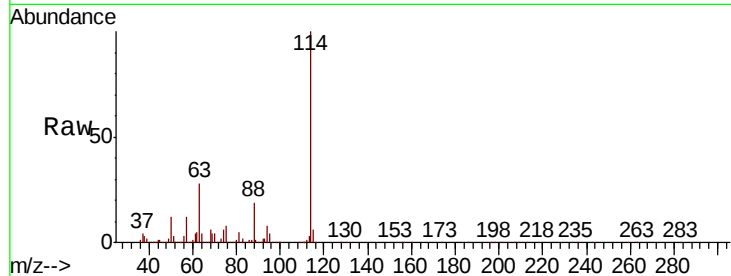




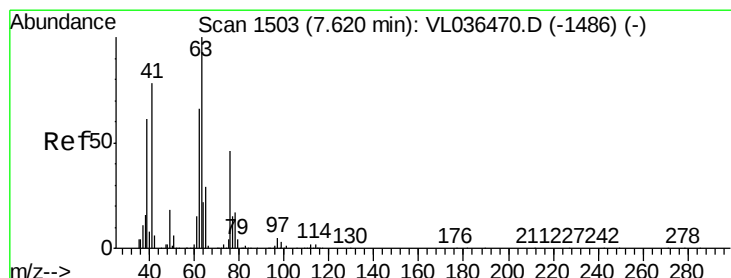
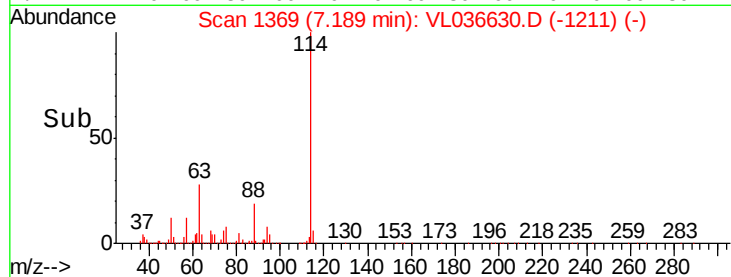
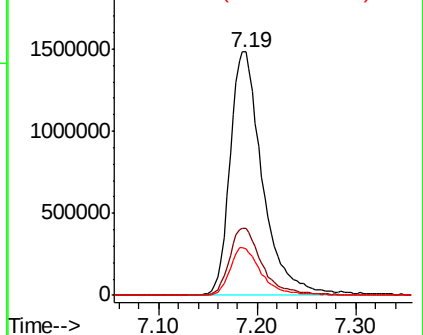
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VL036630.D
 Acq: 1 Apr 2021 13:35

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3395810
 Ion Ratio Lower Upper
 114 100
 63 28.1 22.4 33.6
 88 19.4 15.4 23.0

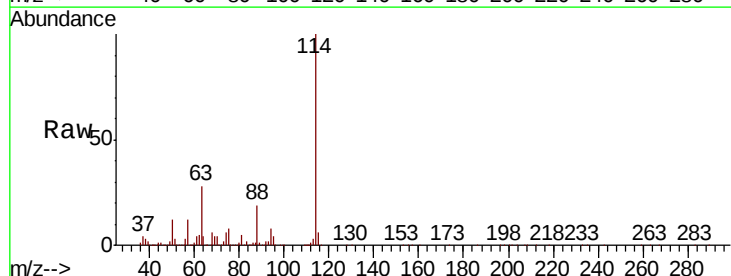


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

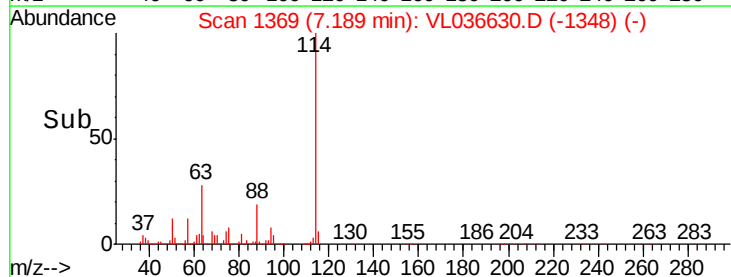
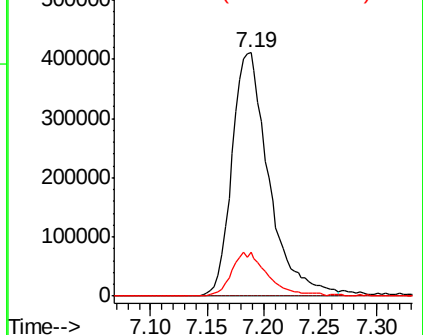


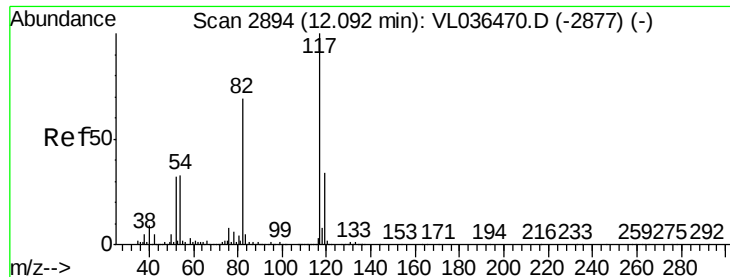
#39
 1,2-Dichloropropane
 Concen: 7.350 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.43 min
 Lab File: VL036630.D
 Acq: 1 Apr 2021 13:35

Tgt Ion: 63 Resp: 933728
 Ion Ratio Lower Upper
 63 100
 41 0.2 62.4 93.6#
 62 18.0 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

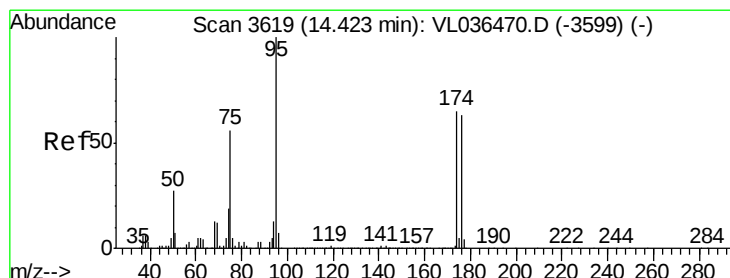
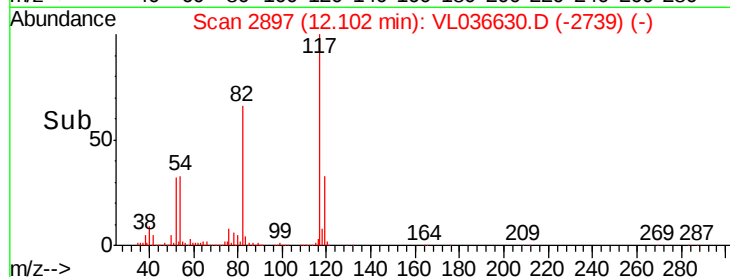
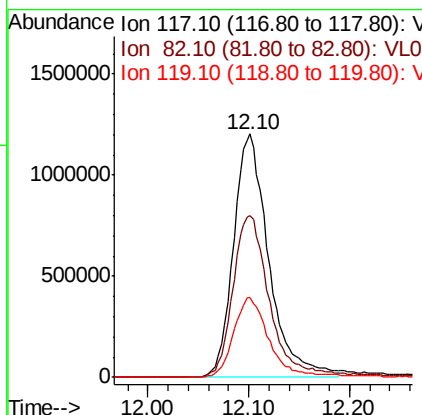
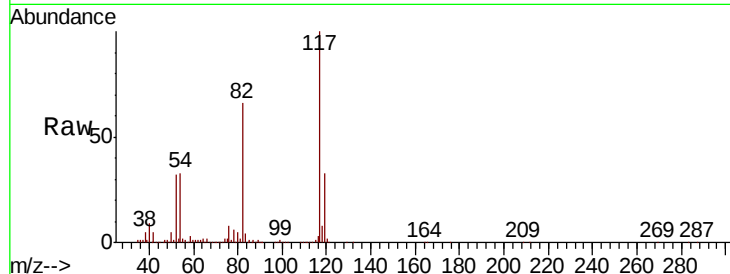




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL036630.D
Acq: 1 Apr 2021 13:35

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2927693
Ion Ratio Lower Upper
117 100
82 70.7 57.4 86.0
119 33.8 47.4 71.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.488 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.01 min
Lab File: VL036630.D
Acq: 1 Apr 2021 13:35

Tgt Ion: 95 Resp: 2213847
Ion Ratio Lower Upper
95 100
174 66.7 51.0 76.6
175 5.0 3.9 5.9

