

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
 Data File : VL038526.D
 Acq On : 3 Mar 2022 23:10
 Operator : SY/AP
 Sample : CAN 10058
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 04 04:35:04 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	470081	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	1054540	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.05	117	497232	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	320046	7.78	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	77.80%

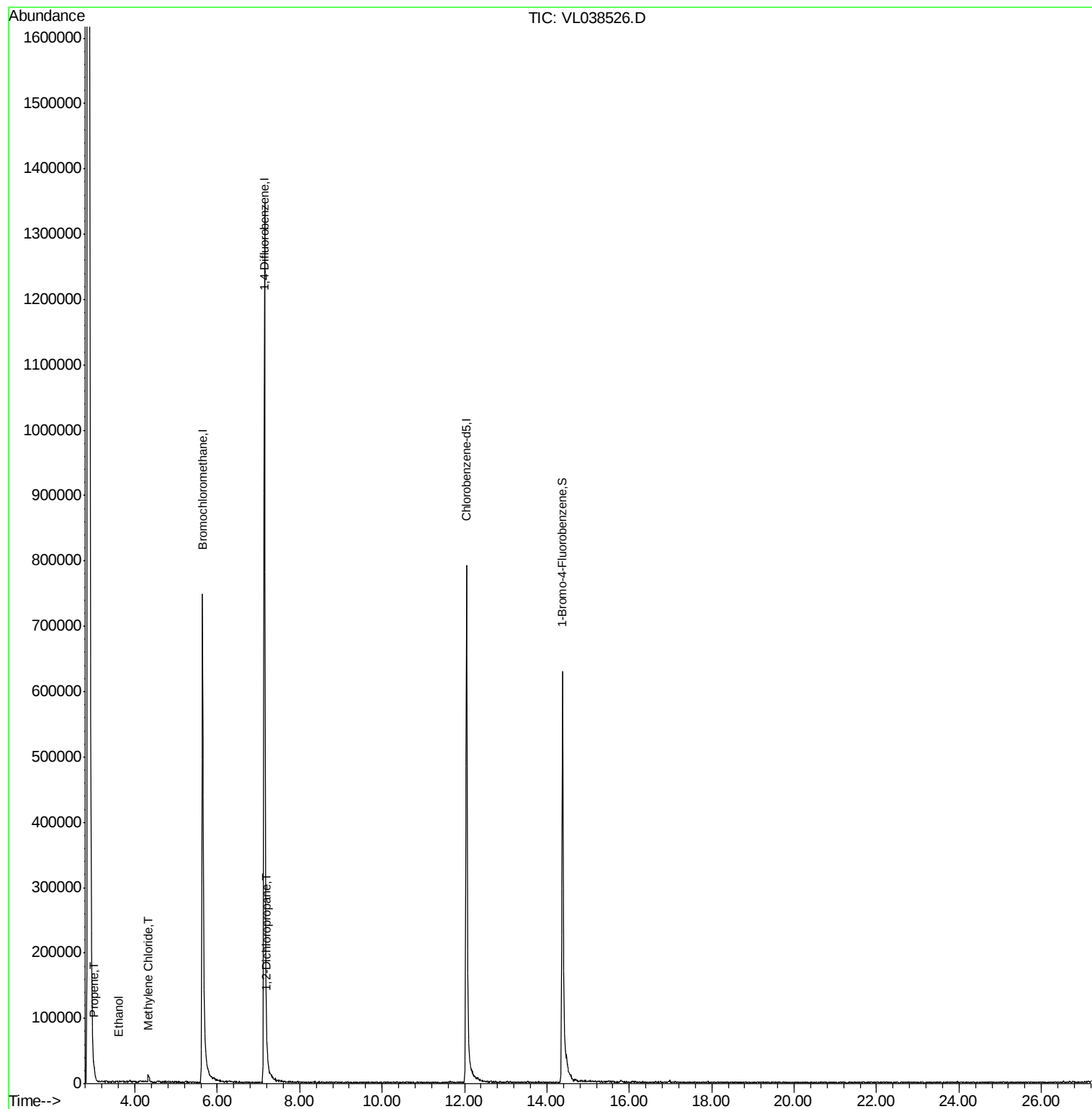
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	2519	0.092	ppbv	83
13) Ethanol	3.61	45	197	0.072	ppbv #	31
20) Methylene Chloride	4.32	84	1606	0.081	ppbv #	84
39) 1,2-Dichloropropane	7.21	63	3907	0.106	ppbv #	15

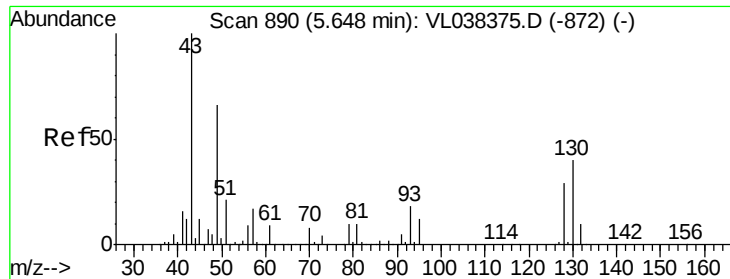
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 23:10

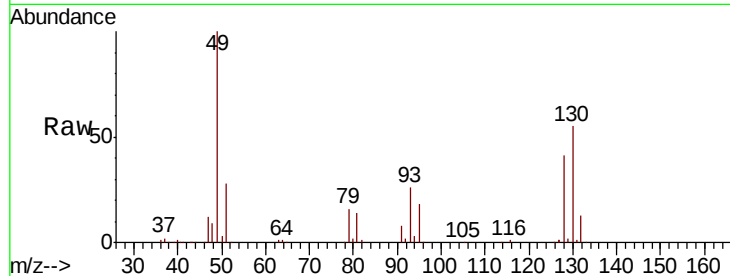
Tot Ion: 49 Resp: 470081

Ion Ratio Lower Upper

49 100

128 46.7 24.3 72.9

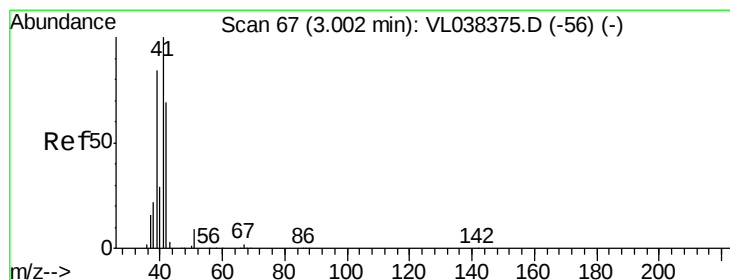
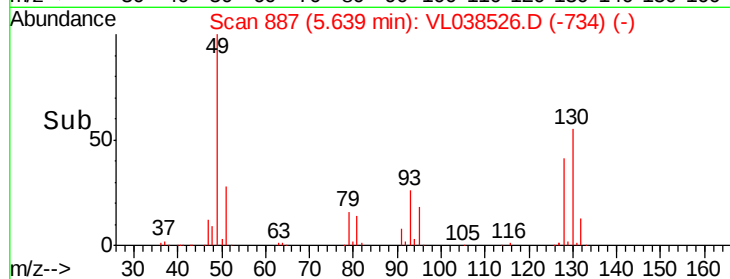
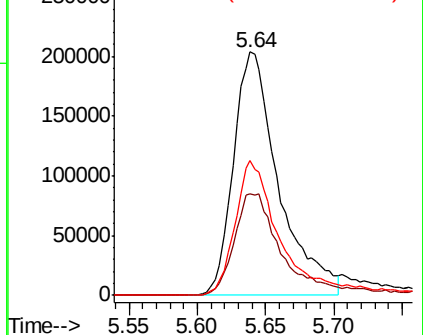
130 57.1 30.1 90.5



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: 0.092 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VL038526.D

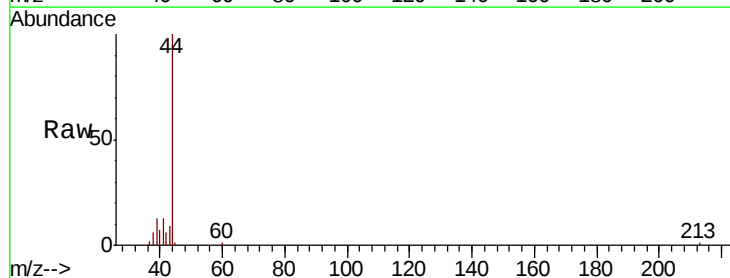
Acq: 3 Mar 2022 23:10

Tgt Ion: 41 Resp: 2519

Ion Ratio Lower Upper

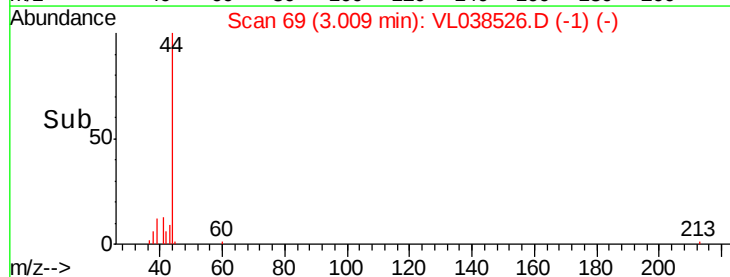
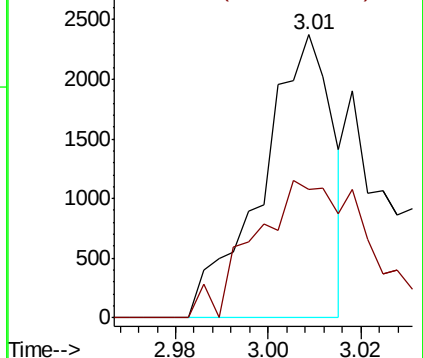
41 100

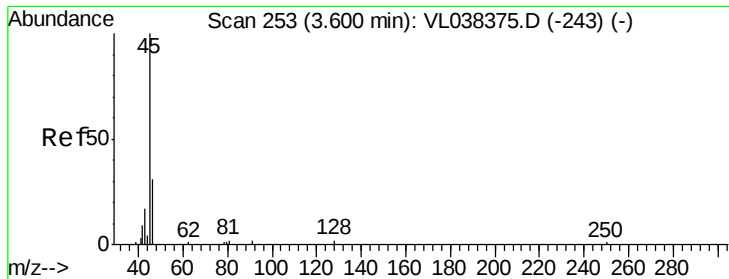
42 81.9 54.6 82.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

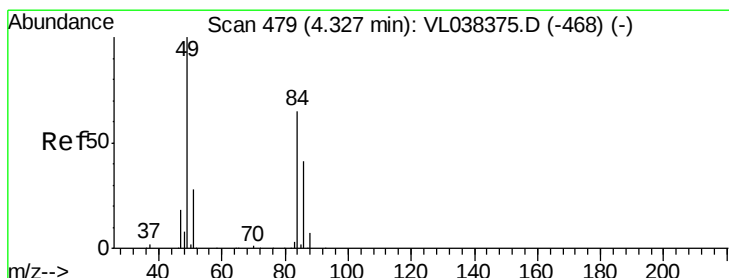
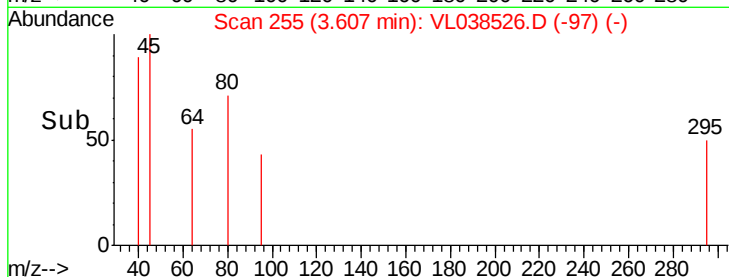
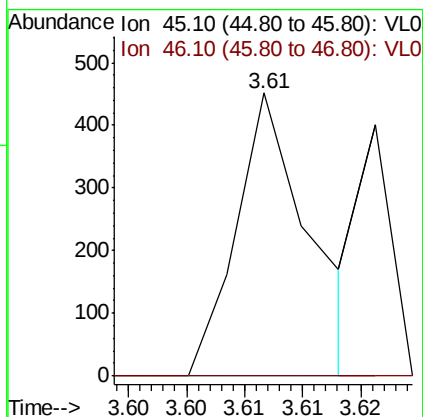
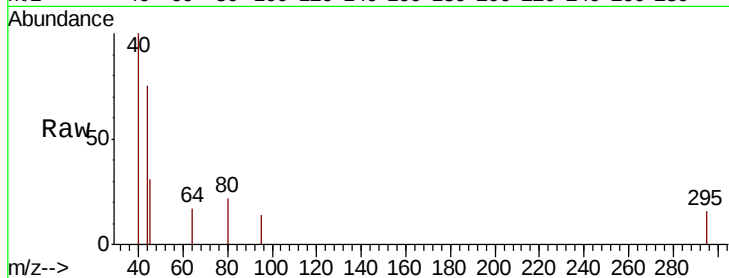
Ion 42.10 (41.80 to 42.80): VL0





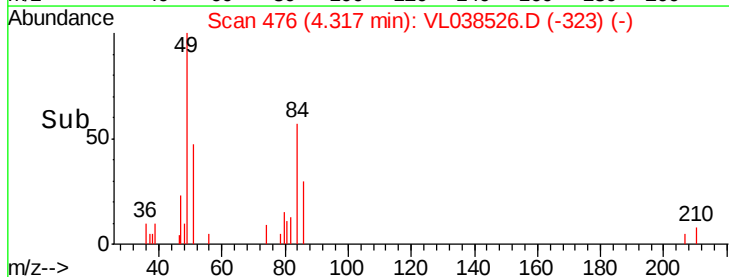
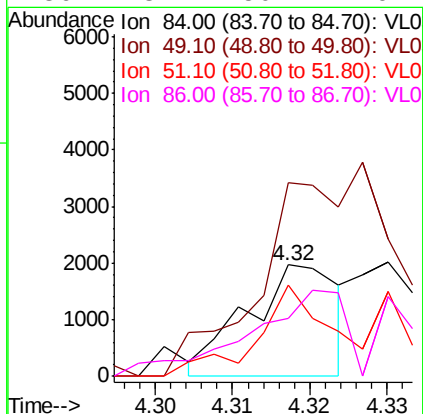
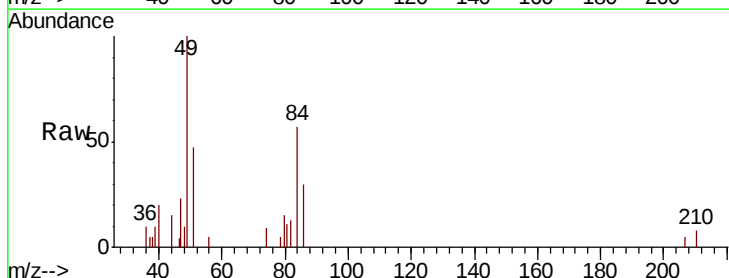
#13
Ethanol
Concen: 0.072 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 3 Mar 2022 23:10

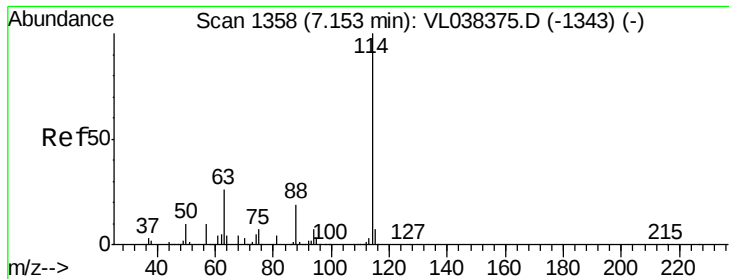
Tot Ion: 45 Resp: 197
Ion Ratio Lower Upper
45 100
46 0.0 18.2 72.8#



#20
Methylene Chloride
Concen: 0.081 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.01 min
Lab File: VL038526.D
Acq: 3 Mar 2022 23:10

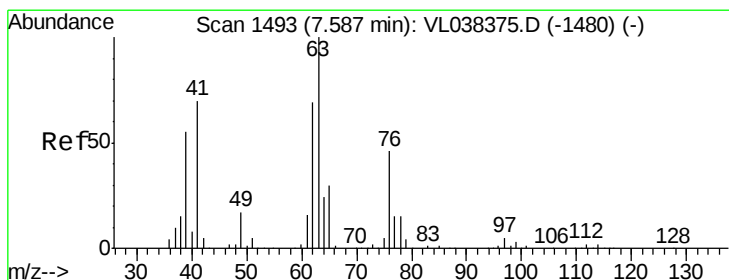
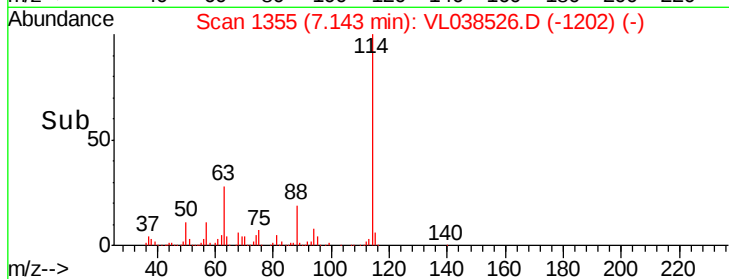
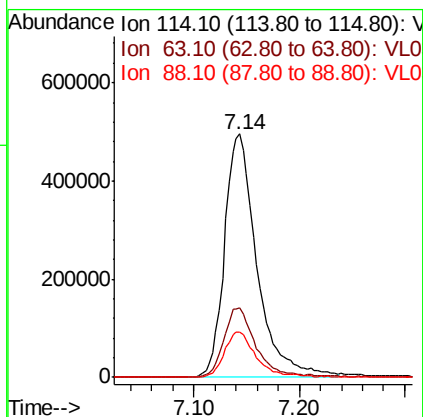
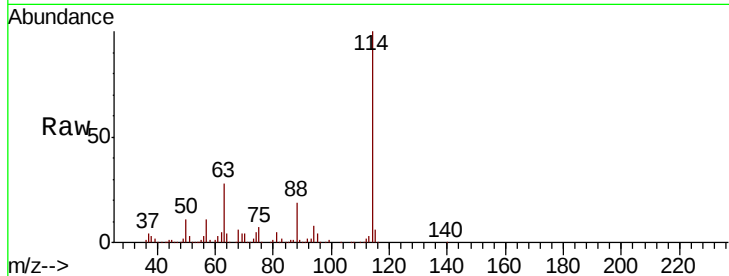
Tgt Ion: 84 Resp: 1606
Ion Ratio Lower Upper
84 100
49 153.1 122.4 183.6
51 79.9 33.3 49.9#
86 43.2 50.7 76.1#





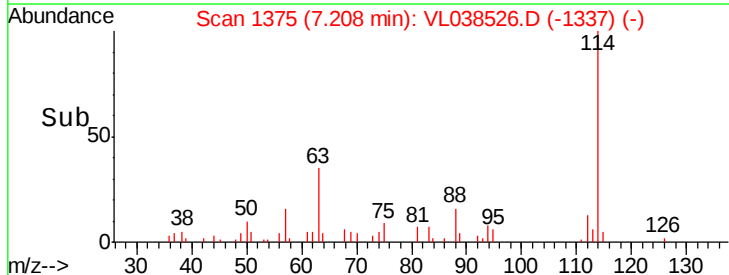
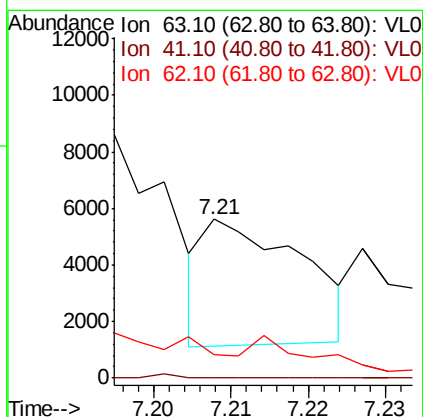
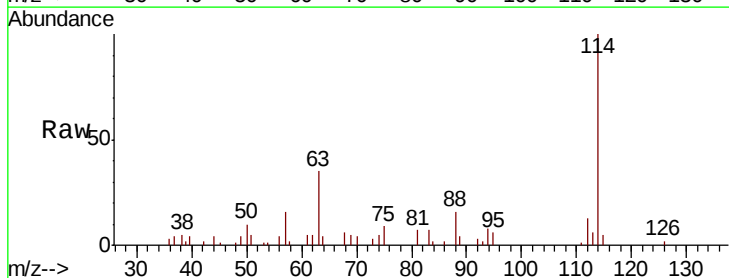
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 23:10

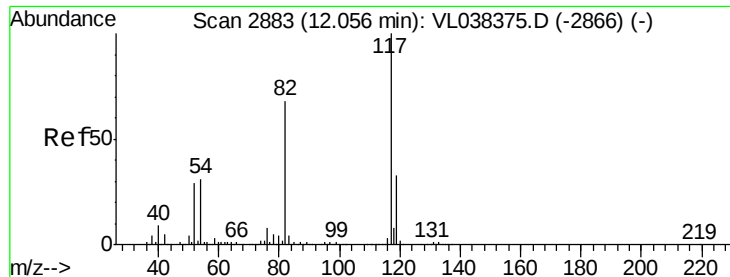
Tot Ion:114 Resp: 1054540
 Ion Ratio Lower Upper
 114 100
 63 29.2 22.2 33.2
 88 18.8 15.2 22.8



#39
 1,2-Dichloropropane
 Concen: 0.106 ppbv
 RT: 7.21 min Scan# 1375
 Delta R.T. -0.38 min
 Lab File: VL038526.D
 Acq: 3 Mar 2022 23:10

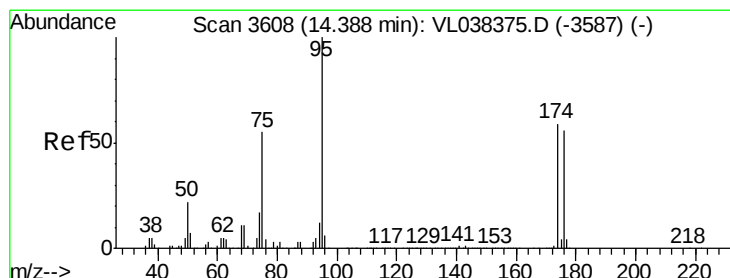
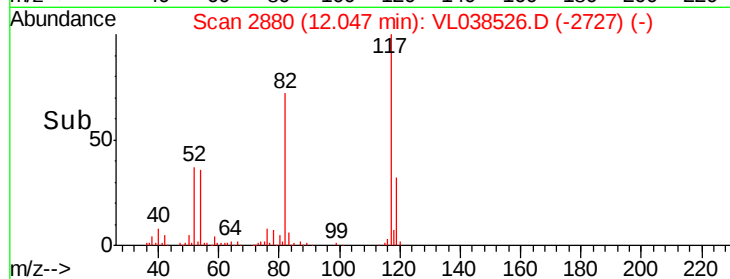
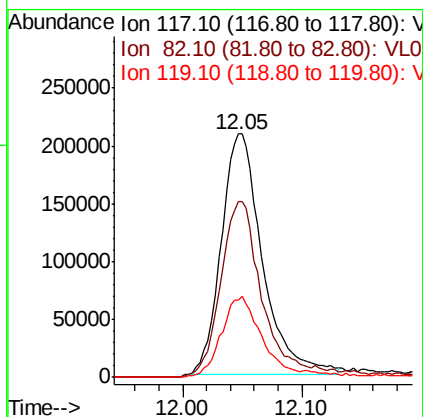
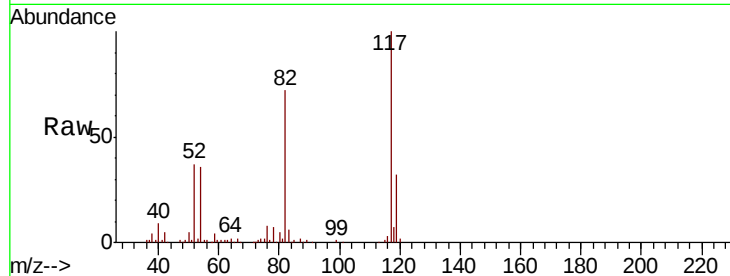
Tgt Ion: 63 Resp: 3907
 Ion Ratio Lower Upper
 63 100
 41 0.0 56.1 84.1#
 62 0.0 55.5 83.3#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 23:10

Tot Ion: 117 Resp: 497232
Ion Ratio Lower Upper
117 100
82 77.2 54.9 82.3
119 34.8 46.1 69.1#



#68
1-Bromo-4-Fluorobenzene
Concen: 7.779 ppbv
RT: 14.38 min Scan# 3605
Delta R.T.: -0.01 min
Lab File: VL038526.D
Acq: 3 Mar 2022 23:10

Tgt Ion: 95 Resp: 320046
Ion Ratio Lower Upper
95 100
174 59.1 49.0 73.4
175 4.6 3.6 5.4

