

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081321\
 Data File : VL037446.D
 Acq On : 13 Aug 2021 13:22
 Operator : SY/AP
 Sample : OC081021 CAN 10609
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 16 01:41:33 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 01:37:35 2021
 QLast Update : Fri Aug 13 01:37:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1255732	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3746098	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3142732	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2402722	10.66	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.60%

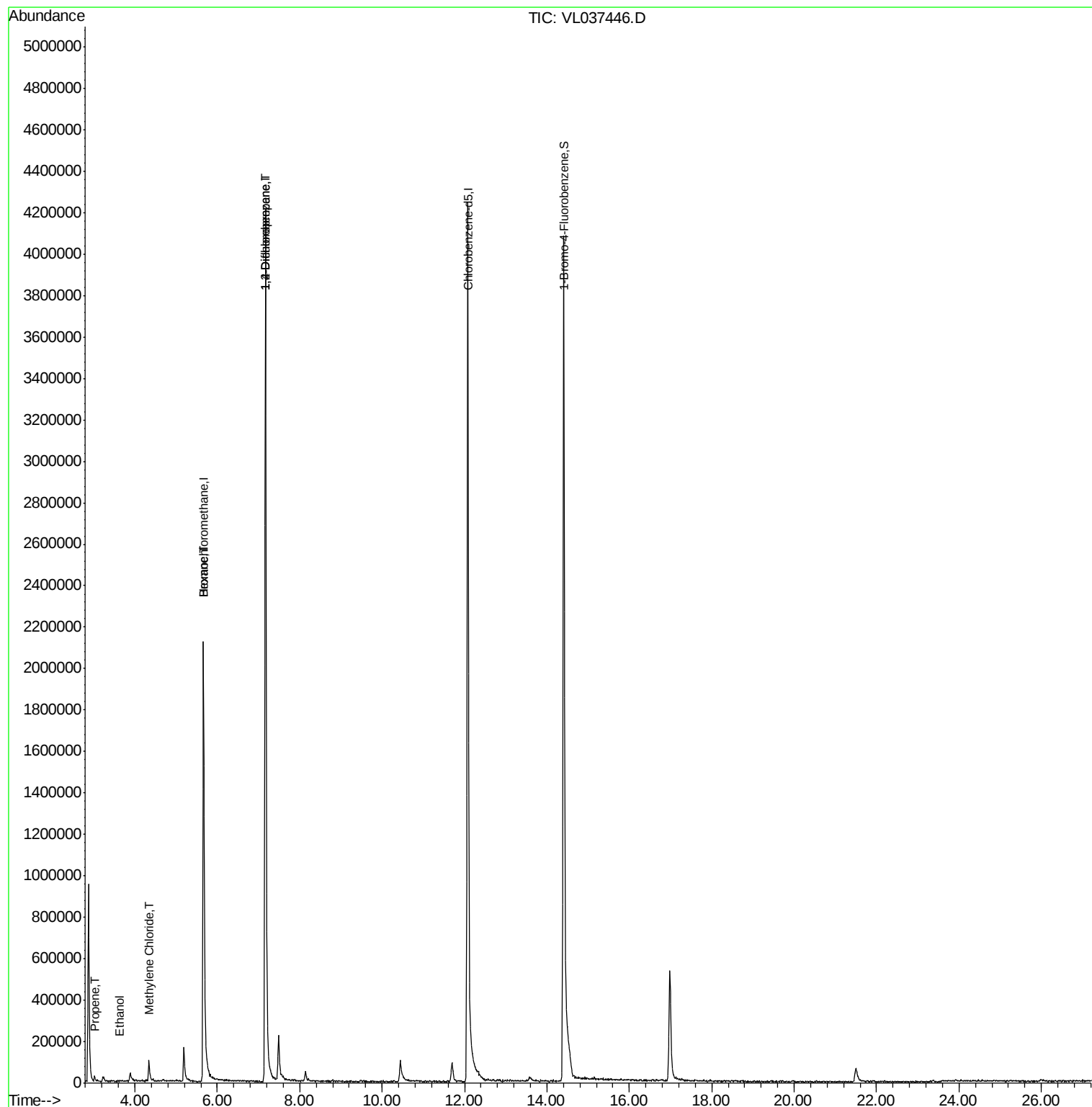
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	3339	0.040	ppbv #	16
13) Ethanol	3.62	45	586	0.066	ppbv #	31
20) Methylene Chloride	4.34	84	37234	0.529	ppbv	94
26) Hexane	5.67	57	18121	0.111	ppbv #	46
39) 1,2-Dichloropropane	7.17	63	899614	7.476	ppbv #	27

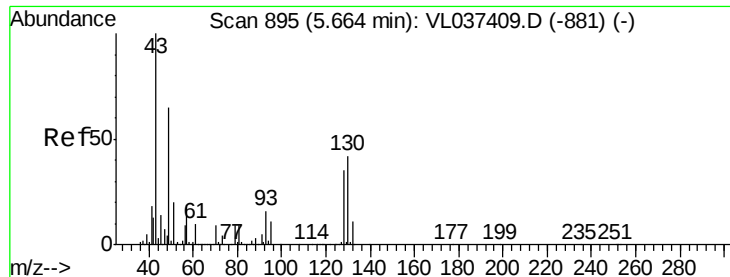
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081321\
Data File : VL037446.D
Acq On : 13 Aug 2021 13:22
Operator : SY/AP
Sample : OC081021 CAN 10609
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampled :

Quant Time: Aug 16 01:41:33 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 01:37:35 2021
QLast Update : Fri Aug 13 01:37:35 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL037446.D

Acq: 13 Aug 2021 13:22

Instrument :
MSVOA_L
ClientSampleId :

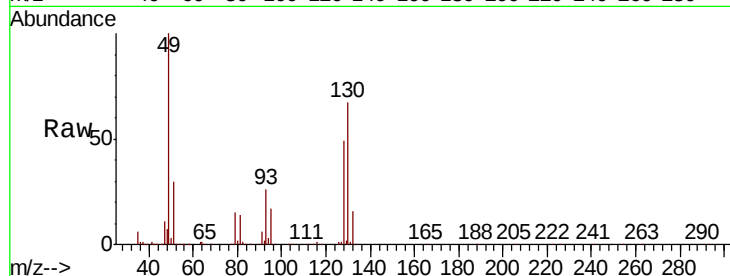
Tot Ion: 49 Resp: 1255732

Ion Ratio Lower Upper

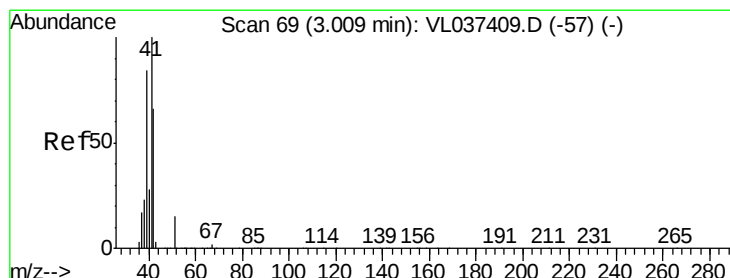
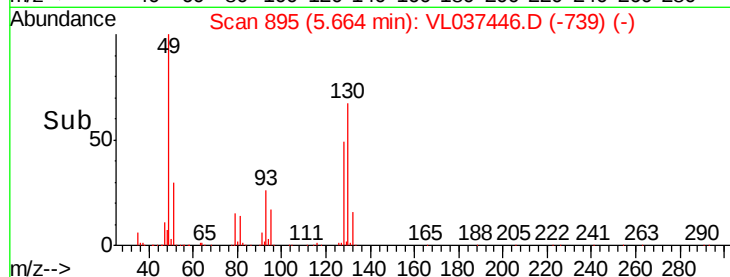
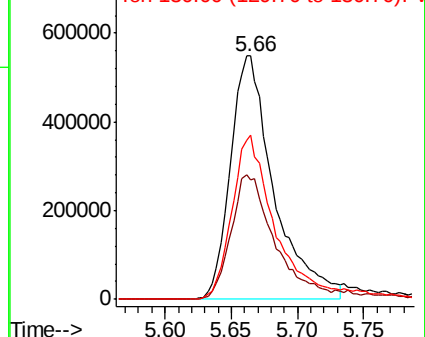
49 100

128 56.0 27.9 83.6

130 70.9 34.6 103.8



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: 0.040 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VL037446.D

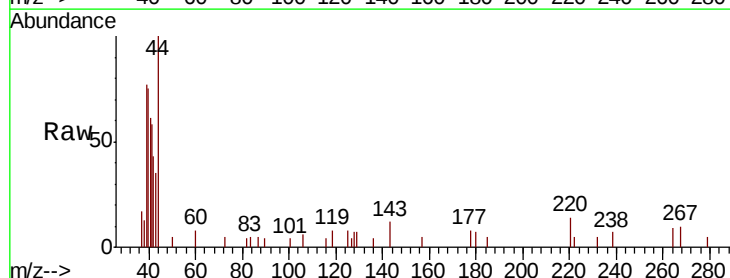
Acq: 13 Aug 2021 13:22

Tgt Ion: 41 Resp: 3339

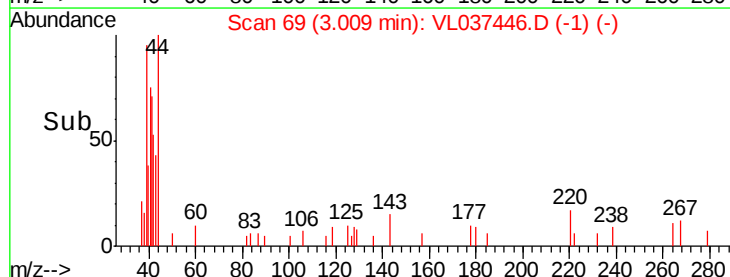
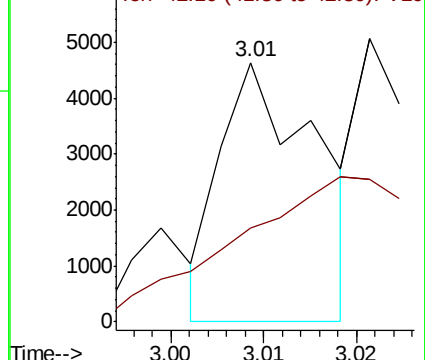
Ion Ratio Lower Upper

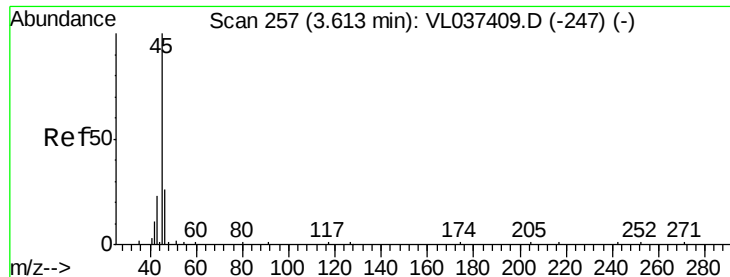
41 100

42 0.0 53.8 80.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0

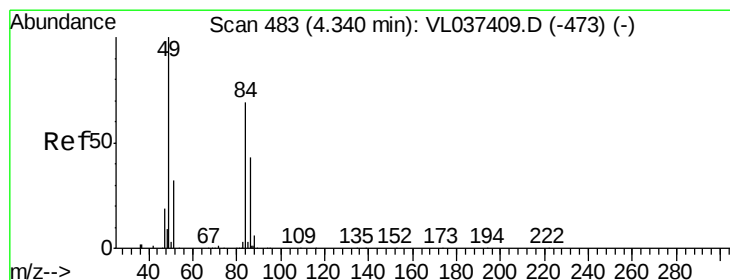
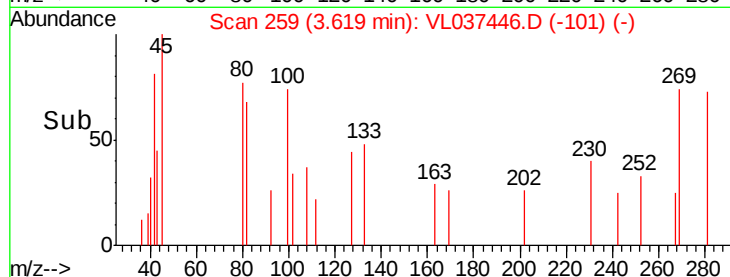
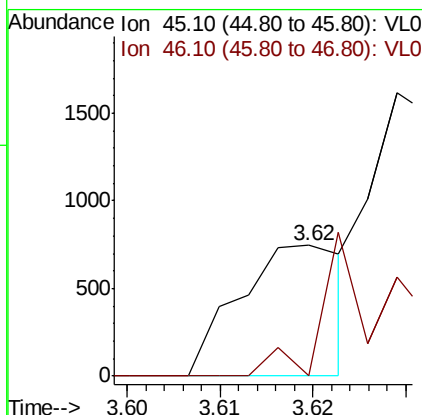
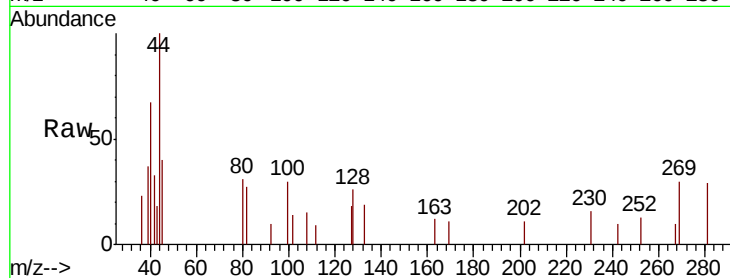




#13
Ethanol
Concen: 0.066 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.01 min
Lab File: VL037446.D
Acq: 13 Aug 2021 13:22

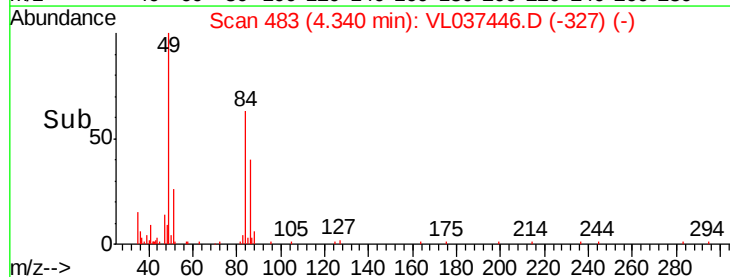
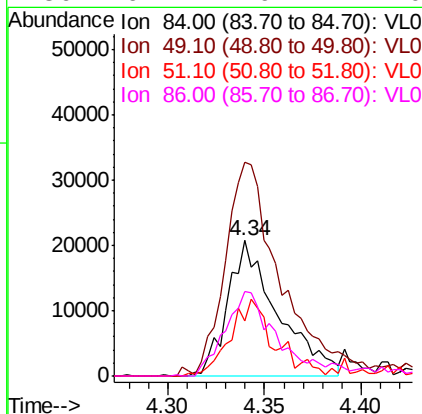
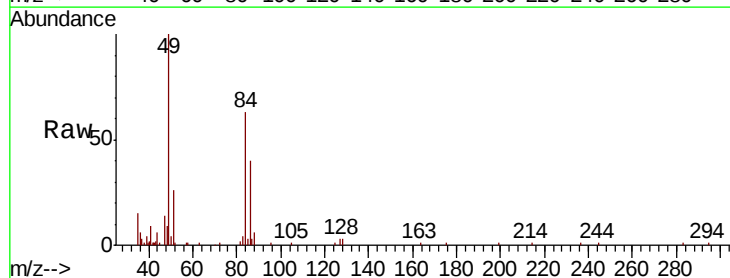
Instrument :
MSVOA_L
ClientSampled :

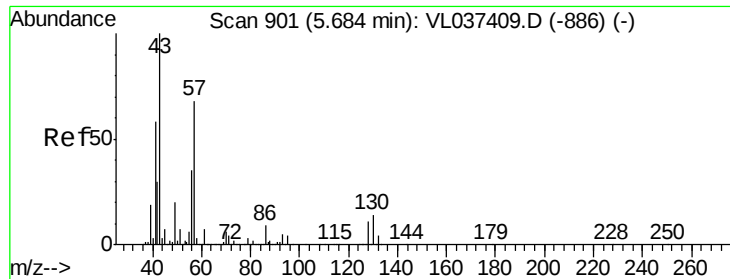
Tot Ion: 45 Resp: 586
Ion Ratio Lower Upper
45 100
46 0.0 18.0 72.2#



#20
Methylene Chloride
Concen: 0.529 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL037446.D
Acq: 13 Aug 2021 13:22

Tgt Ion: 84 Resp: 37234
Ion Ratio Lower Upper
84 100
49 153.4 116.0 174.0
51 39.2 37.1 55.7
86 62.4 49.4 74.0

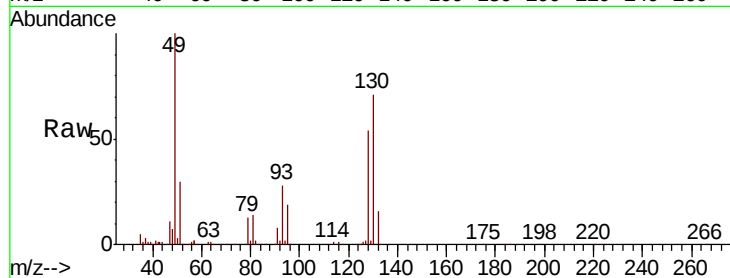




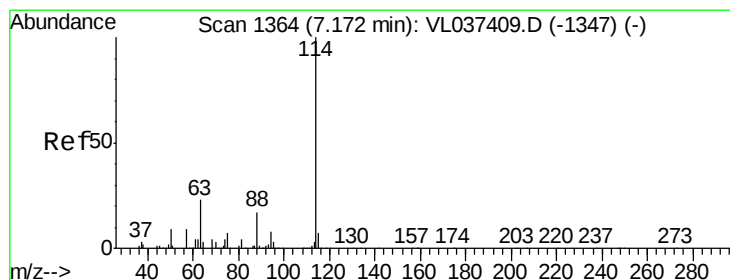
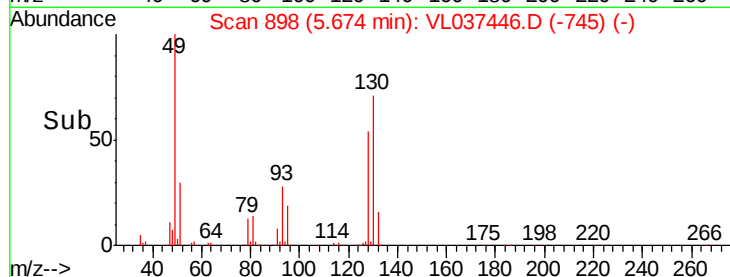
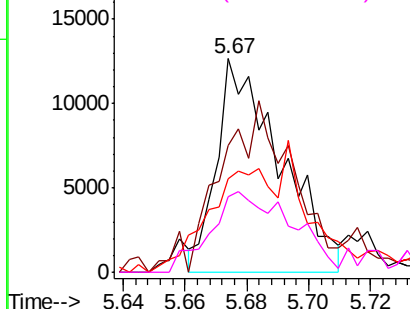
#26
Hexane
Concen: 0.111 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL037446.D
Acq: 13 Aug 2021 13:22

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 18121
Ion Ratio Lower Upper
57 100
41 109.3 72.5 108.7#
43 87.2 169.3 253.9#
56 60.3 42.3 63.5

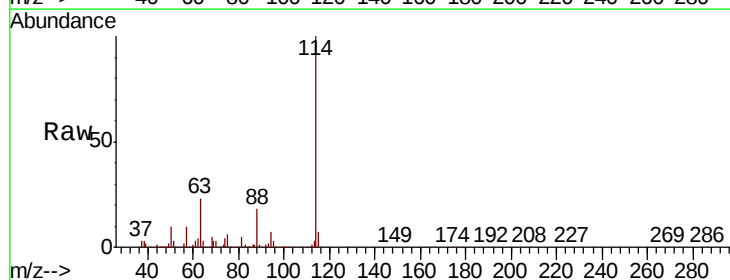


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

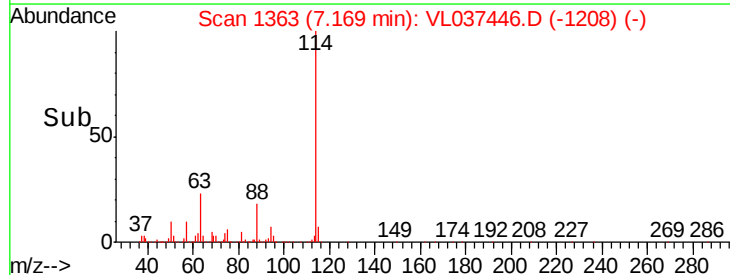
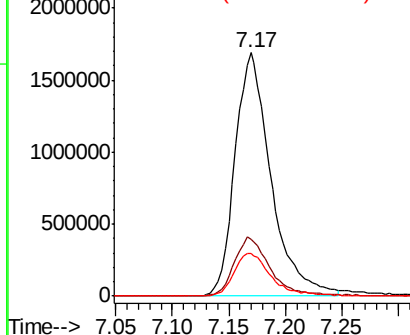


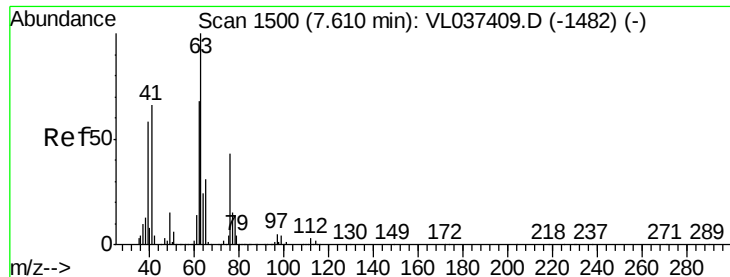
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VL037446.D
Acq: 13 Aug 2021 13:22

Tgt Ion:114 Resp: 3746098
Ion Ratio Lower Upper
114 100
63 24.6 19.4 29.2
88 18.3 14.2 21.4



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

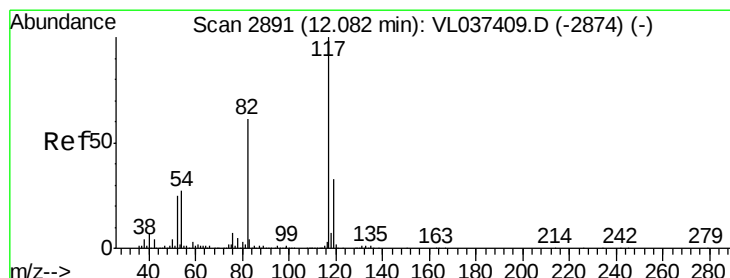
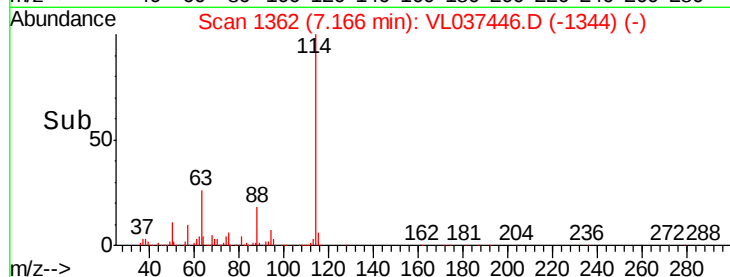
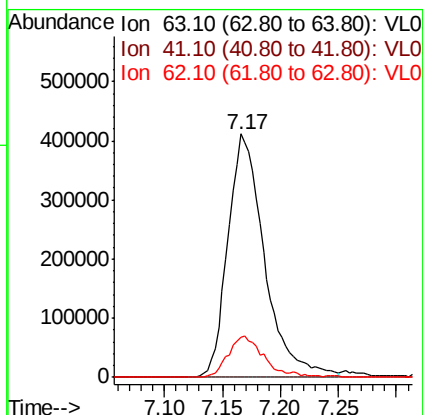
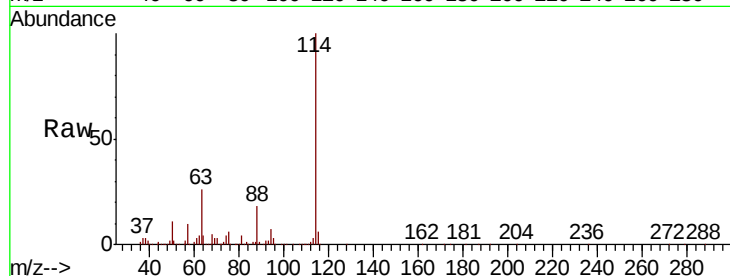




#39
 1,2-Dichloropropane
 Concen: 7.476 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.44 min
 Lab File: VL037446.D
 Acq: 13 Aug 2021 13:22

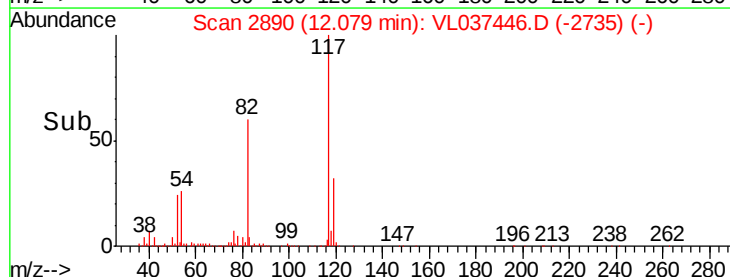
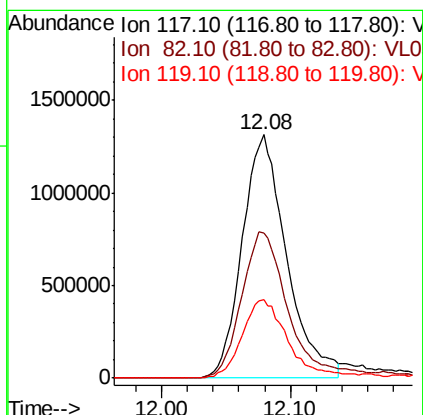
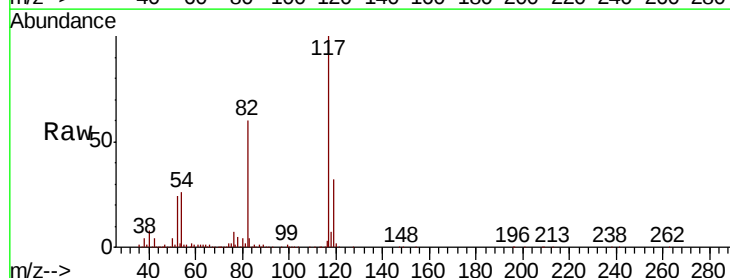
Instrument :
 MSVOA_L
 ClientSampled :

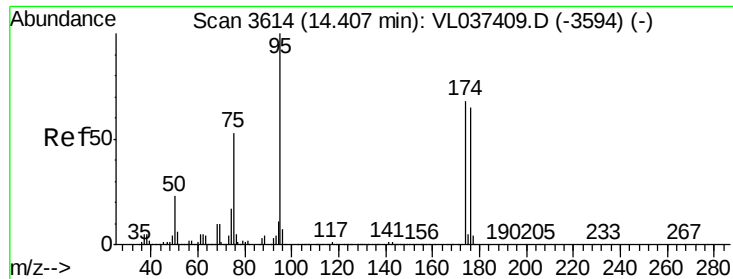
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.0	79.6#
62	16.5	54.5	81.7#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VL037446.D
 Acq: 13 Aug 2021 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
82	67.3	53.1	79.7
119	35.6	28.0	42.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.658 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. 0.00 min

Lab File: VL037446.D

Acq: 13 Aug 2021 13:22

Instrument :

MSVOA_L

ClientSampleId :

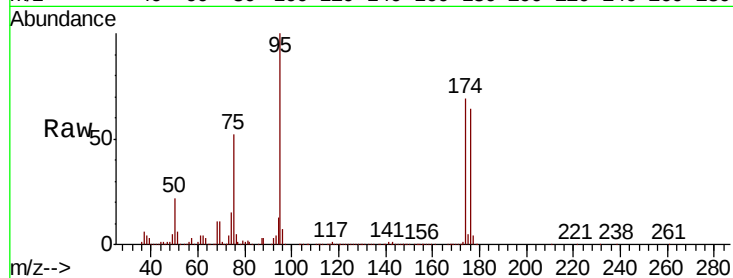
Tot Ion: 95 Resp: 2402722

Ion Ratio Lower Upper

95 100

174 73.4 59.6 89.4

175 5.0 4.3 6.5



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

