

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
 Data File : VL038018.D
 Acq On : 11 Nov 2021 8:17
 Operator : SY/AP
 Sample : OC111021 CAN 10060
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 12 05:52:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 05:54:07 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1346662	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	4090122	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3561369	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2522727	9.74	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.40%

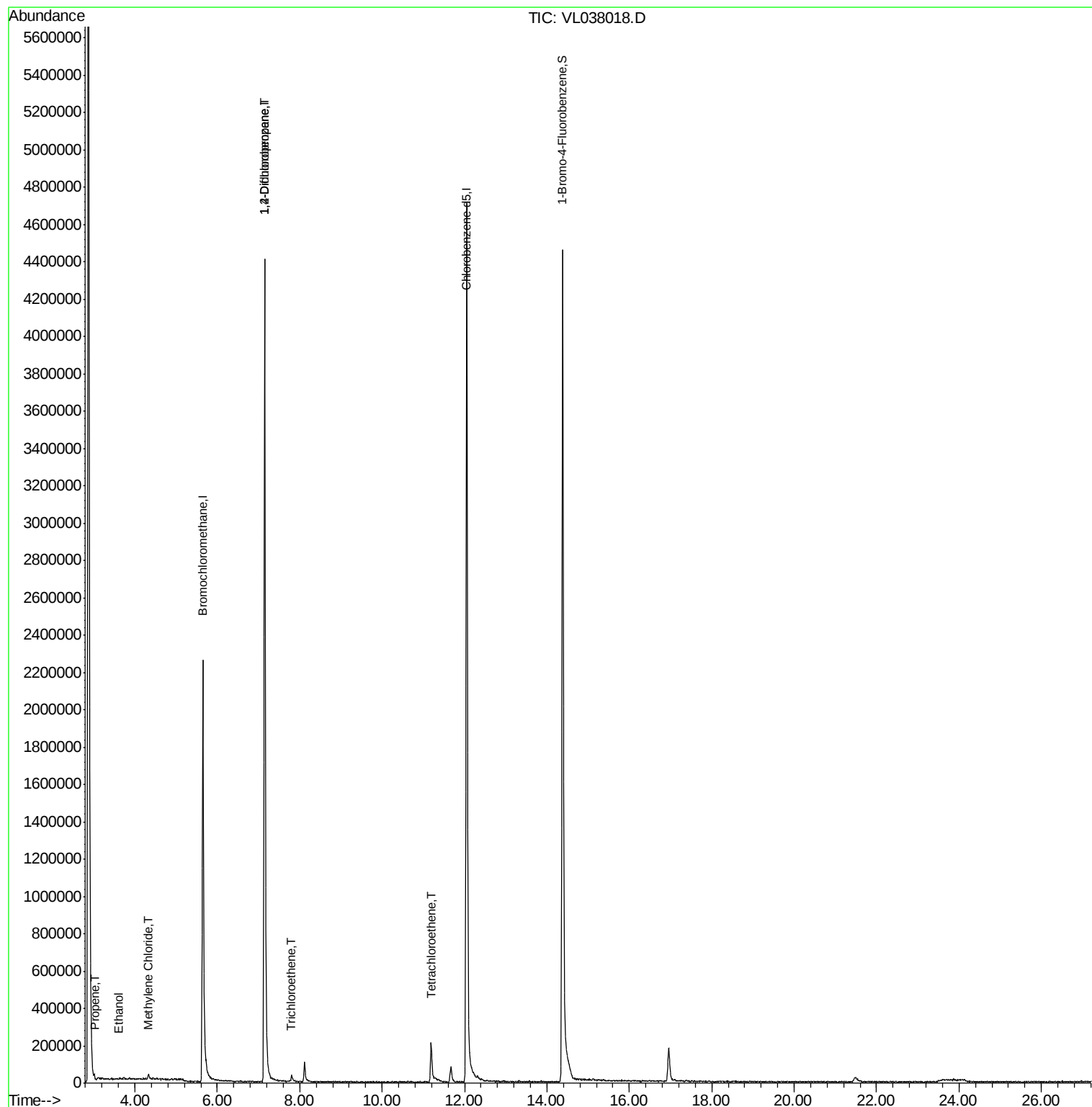
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	7120	0.079	ppbv	97
13) Ethanol	3.60	45	338	0.037	ppbv #	32
20) Methylene Chloride	4.33	84	4322	0.071	ppbv #	33
38) Trichloroethene	7.80	130	4241	0.031	ppbv #	81
39) 1,2-Dichloropropane	7.15	63	945641	7.545	ppbv #	26
52) Tetrachloroethene	11.19	164	62101	0.491	ppbv	86

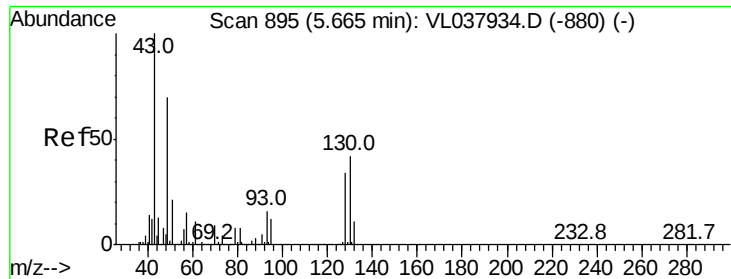
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111021\
Data File : VL038018.D
Acq On : 11 Nov 2021 8:17
Operator : SY/AP
Sample : OC111021 CAN 10060
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 12 05:52:47 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 11 Nov 2021 8:17

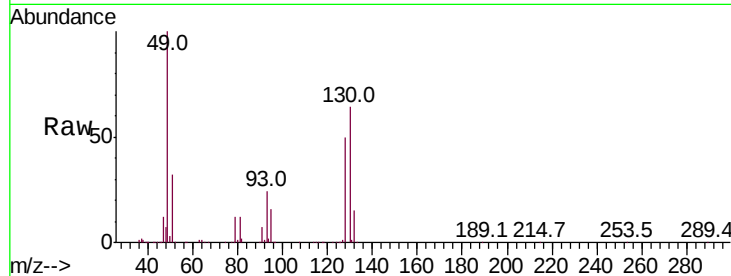
Tot Ion: 49 Resp: 1346662

Ion Ratio Lower Upper

49 100

128 52.1 27.0 81.0

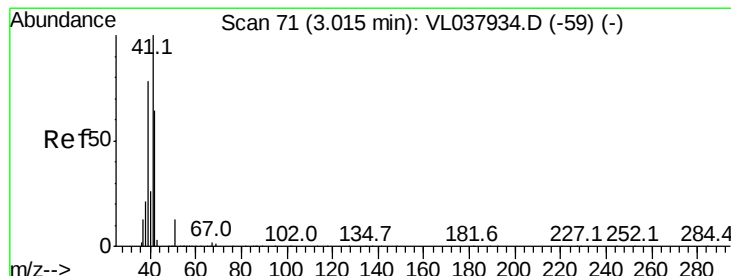
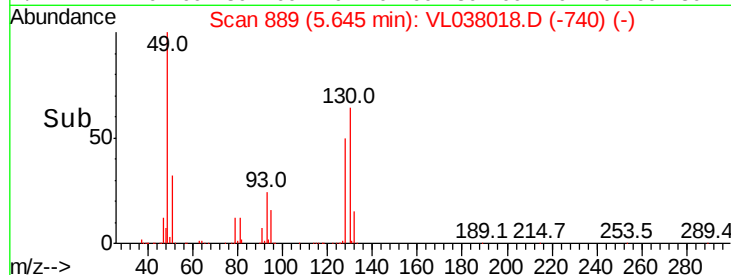
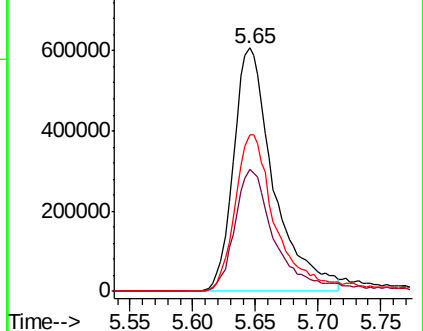
130 69.1 33.4 100.2



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: 0.079 ppbv

RT: 3.01 min Scan# 71

Delta R.T. -0.00 min

Lab File: VL038018.D

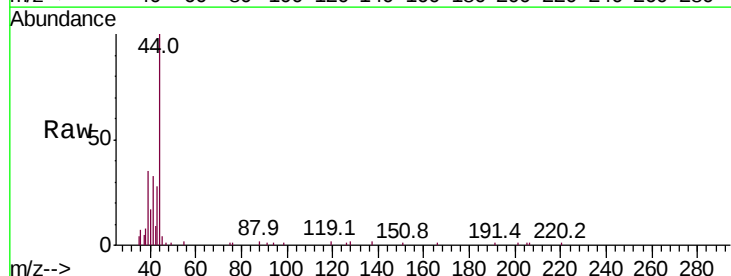
Acq: 11 Nov 2021 8:17

Tgt Ion: 41 Resp: 7120

Ion Ratio Lower Upper

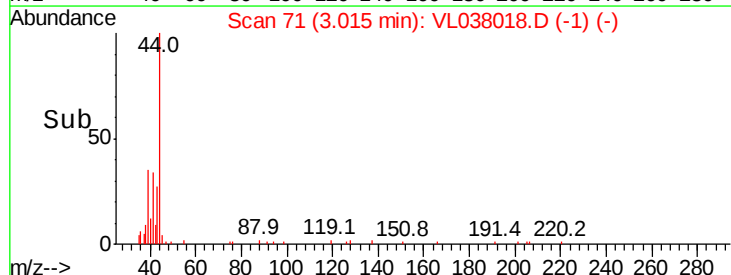
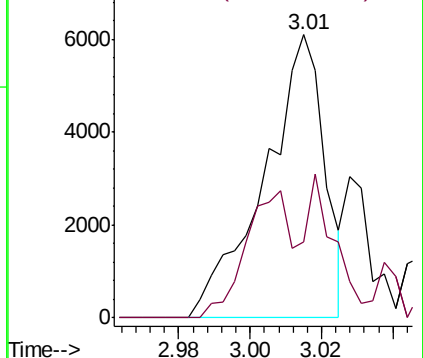
41 100

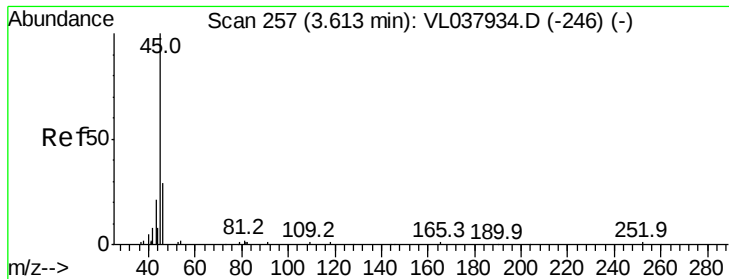
42 69.8 57.6 86.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

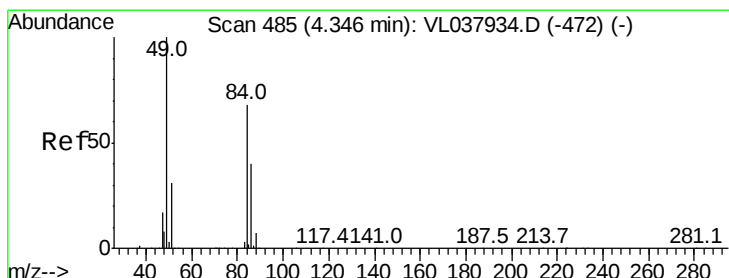
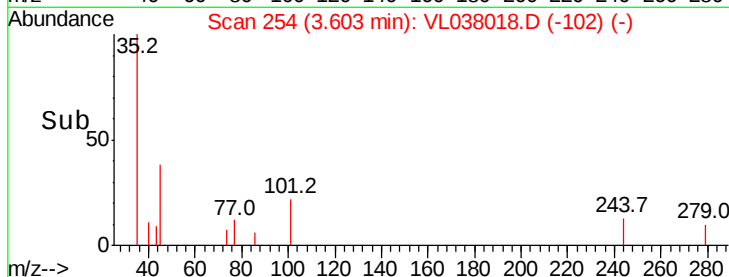
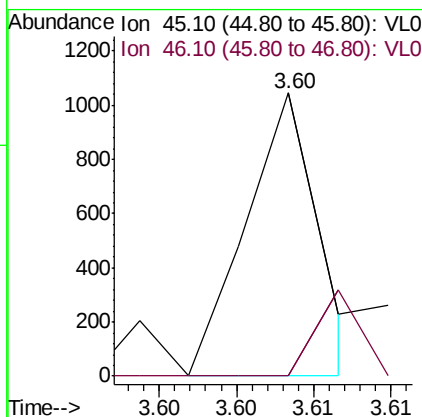
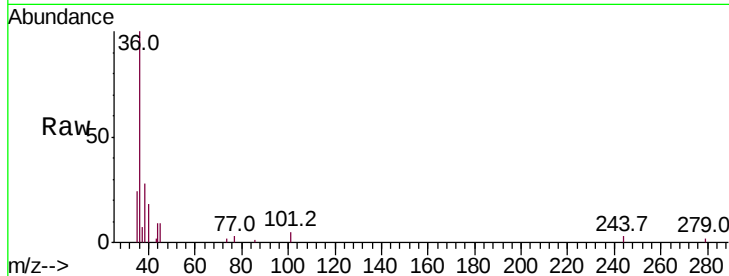
Ion 42.10 (41.80 to 42.80): VL0





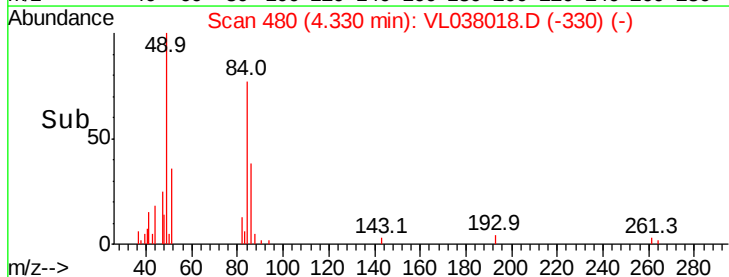
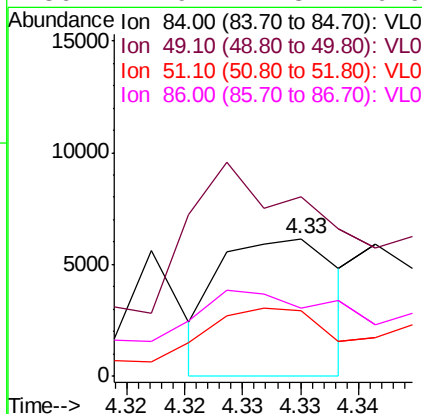
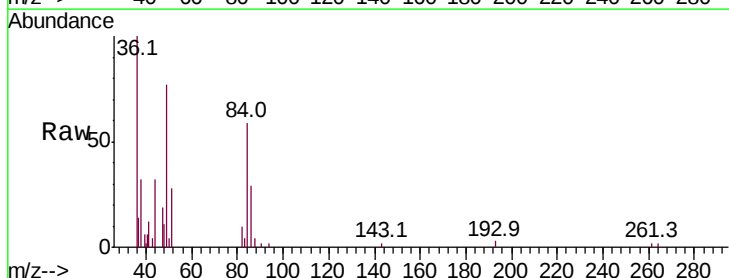
#13
 Ethanol
 Concen: 0.037 ppbv
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 11 Nov 2021 8:17

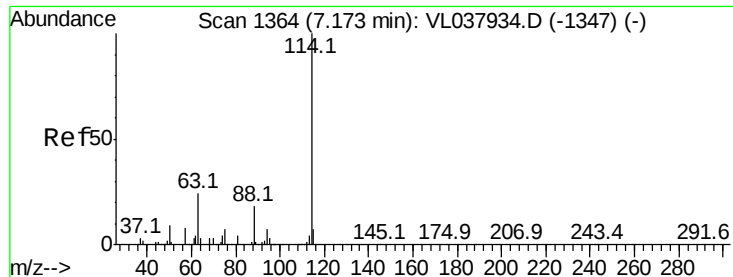
Tot Ion: 45 Resp: 338
 Ion Ratio Lower Upper
 45 100
 46 0.0 17.4 69.8#



#20
 Methylene Chloride
 Concen: 0.071 ppbv
 RT: 4.33 min Scan# 480
 Delta R.T. -0.02 min
 Lab File: VL038018.D
 Acq: 11 Nov 2021 8:17

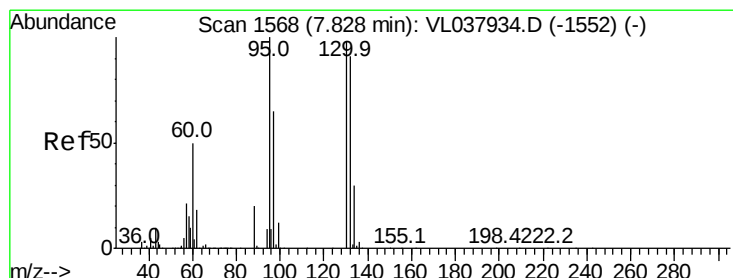
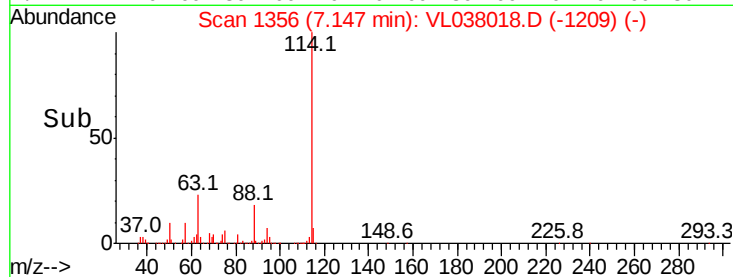
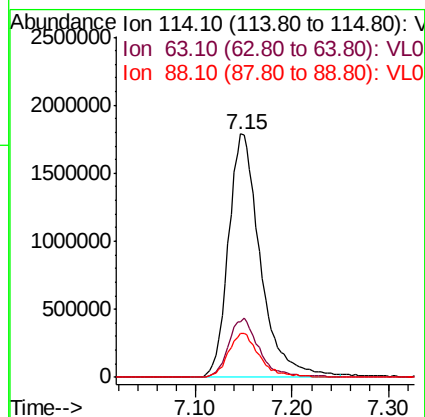
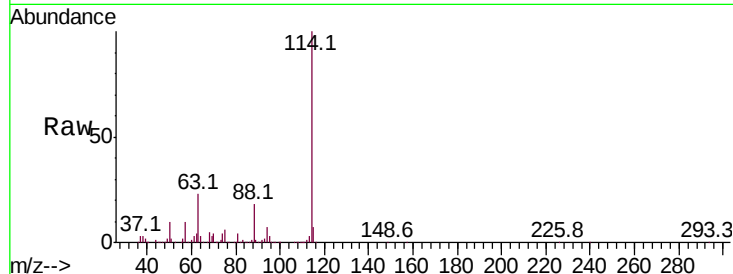
Tgt Ion: 84 Resp: 4322
 Ion Ratio Lower Upper
 84 100
 49 37.8 117.5 176.3#
 51 36.9 35.9 53.9
 86 14.9 47.3 70.9#





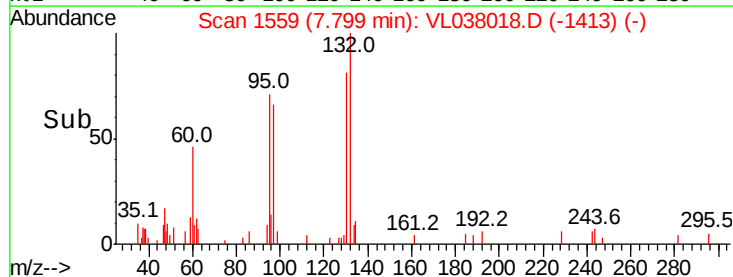
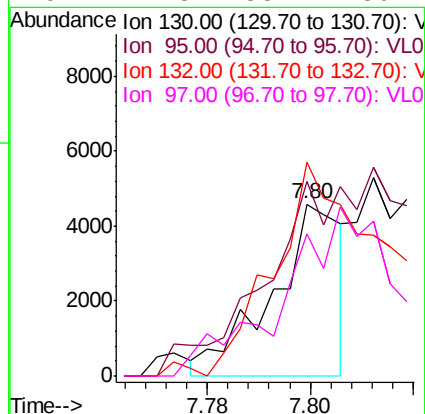
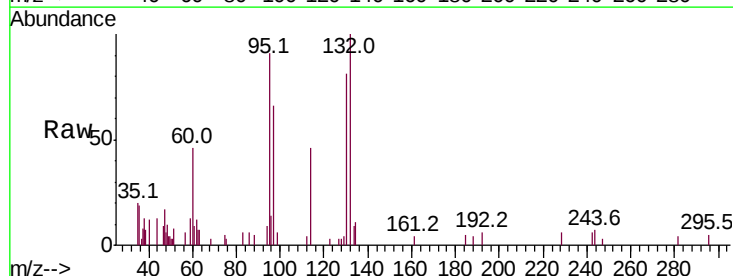
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 11 Nov 2021 8:17

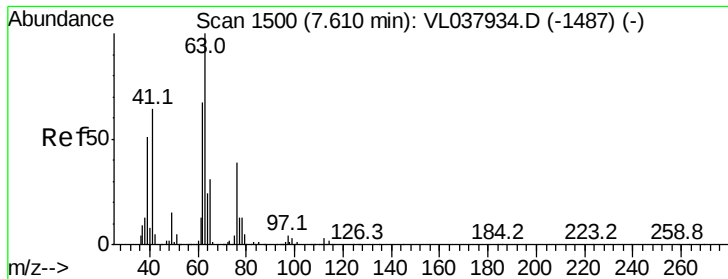
Tot Ion:	114	Resp:	4090122
Ion	Ratio	Lower	Upper
114	100		
63	23.7	19.4	29.0
88	18.1	14.2	21.4



#38
 Trichloroethene
 Concen: 0.031 ppbv
 RT: 7.80 min Scan# 1559
 Delta R.T. -0.03 min
 Lab File: VL038018.D
 Acq: 11 Nov 2021 8:17

Tgt Ion:	130	Resp:	4241
Ion	Ratio	Lower	Upper
130	100		
95	104.4	81.8	122.8
132	131.4	74.2	111.2#
97	77.3	53.4	80.2





#39

1,2-Dichloropropane

Concen: 7.545 ppbv

RT: 7.15 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 11 Nov 2021 8:17

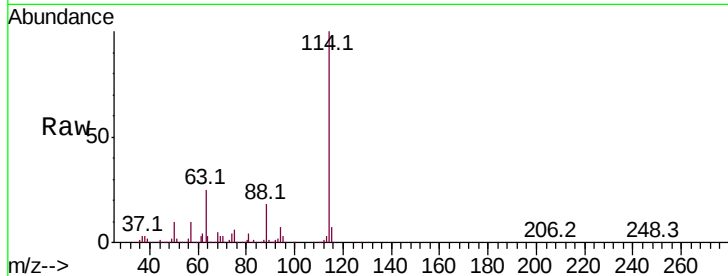
Tot Ion: 63 Resp: 945641

Ion Ratio Lower Upper

63 100

41 0.1 51.6 77.4#

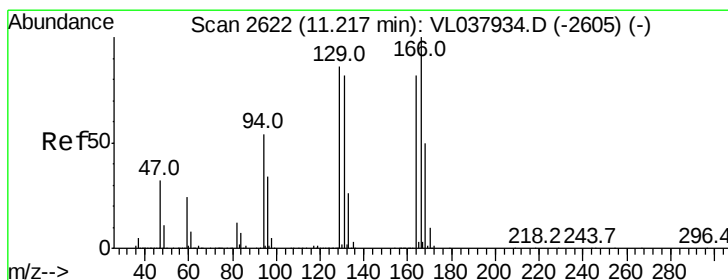
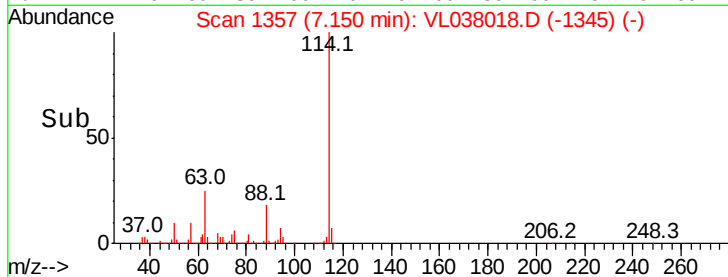
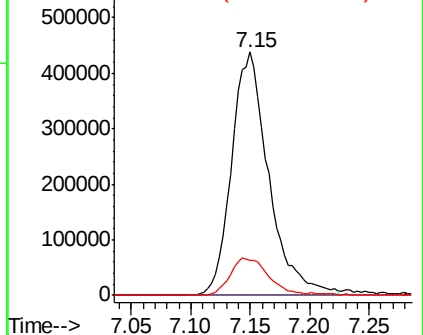
62 14.5 53.5 80.3#



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



#52

Tetrachloroethene

Concen: 0.491 ppbv

RT: 11.19 min Scan# 2614

Delta R.T. -0.03 min

Lab File: VL038018.D

Acq: 11 Nov 2021 8:17

Tgt Ion: 164 Resp: 62101

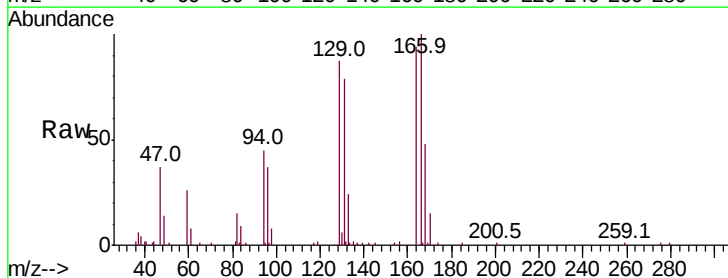
Ion Ratio Lower Upper

164 100

166 106.4 97.6 146.4

129 92.7 84.2 126.2

131 84.3 79.6 119.4

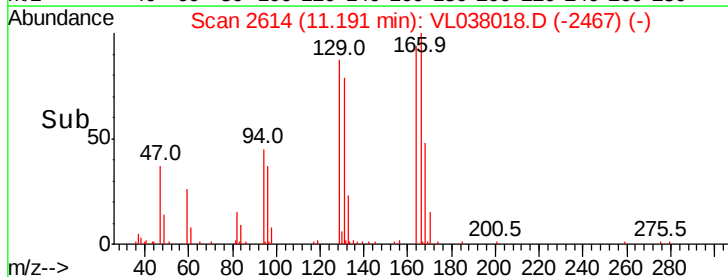
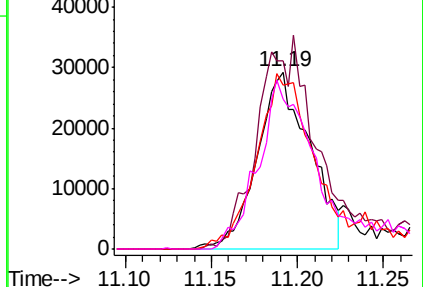


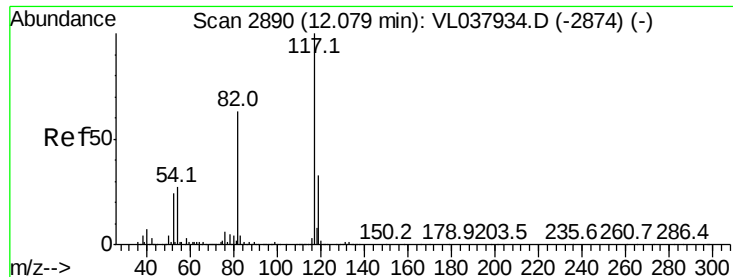
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

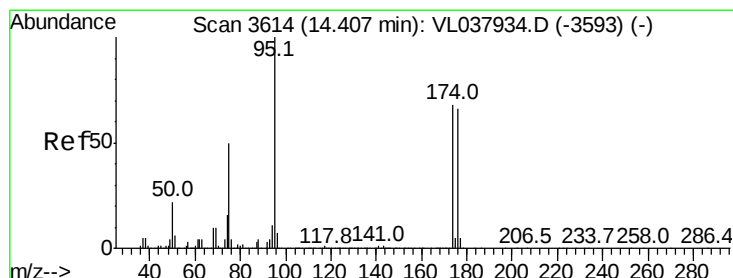
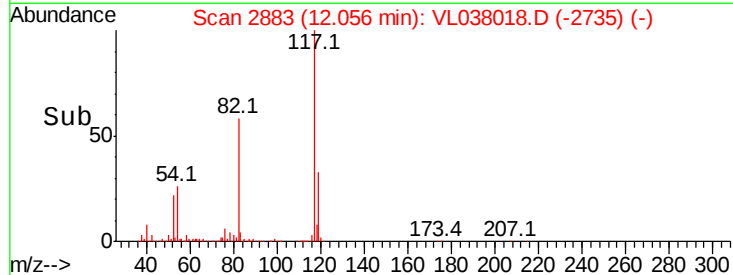
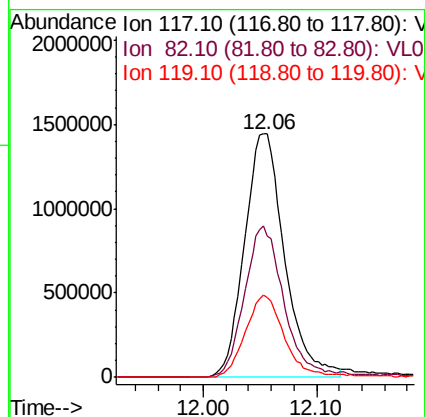
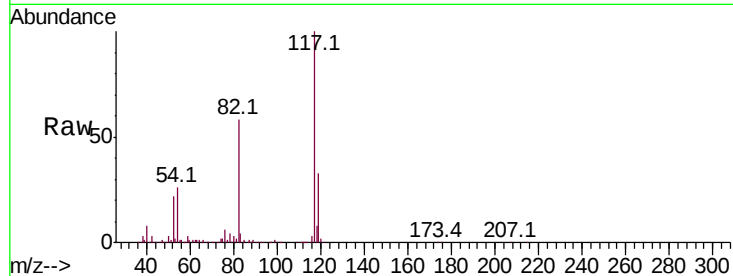
Ion 131.00 (130.70 to 131.70): V





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 11 Nov 2021 8:17

Tot Ion: 117 Resp: 3561369
Ion Ratio Lower Upper
117 100
82 62.9 51.0 76.6
119 33.8 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.745 ppbv
RT: 14.38 min Scan# 3606
Delta R.T.: -0.03 min
Lab File: VL038018.D
Acq: 11 Nov 2021 8:17

Tgt Ion: 95 Resp: 2522727
Ion Ratio Lower Upper
95 100
174 76.3 58.3 87.5
175 5.9 4.6 6.8

