

Data File : VL038051.D
Acq On : 18 Nov 2021 11:55
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Nov 18 12:24:27 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Nov 18 10:39:10 2021
QLast Update : Thu Nov 18 10:39:10 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	934179	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2697914	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2322240	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1675810	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.06	85	6089	0.032	ppbv #	82
3) Chlorodifluoromethane	3.00	51	8229	0.034	ppbv	100
9) Propene	3.02	41	4558	0.050	ppbv #	16
20) Methylene Chloride	4.35	84	3759	0.058	ppbv #	90
39) 1,2-Dichloropropane	7.17	63	639288	6.444	ppbv #	27
58) Ethyl Benzene	12.71	91	12365	0.035	ppbv	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111821\

Quantitation Report (Not Reviewed)

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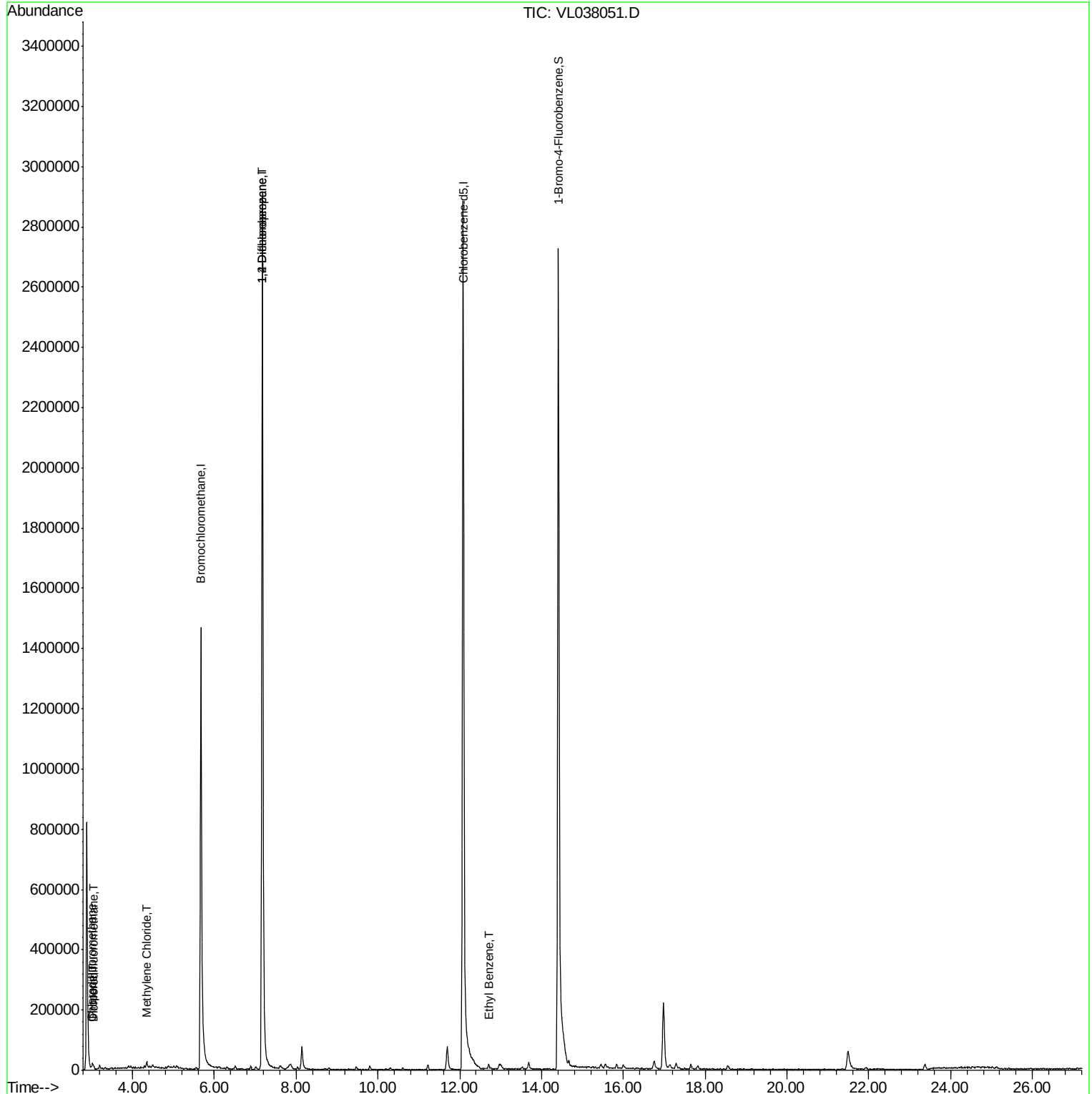
Quant Time: Nov 18 12:24:27 2021

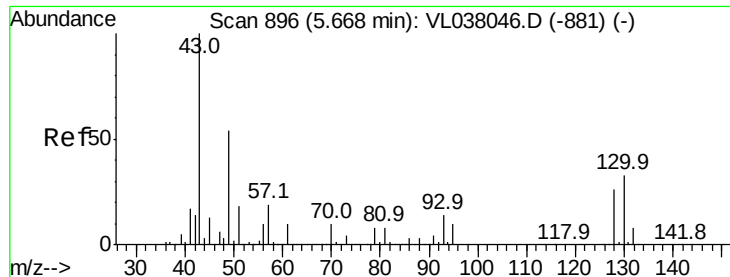
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 10:39:10 2021

QLast Update : Thu Nov 18 10:39:10 2021

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC0.03

Acq: 18 Nov 2021 11:55

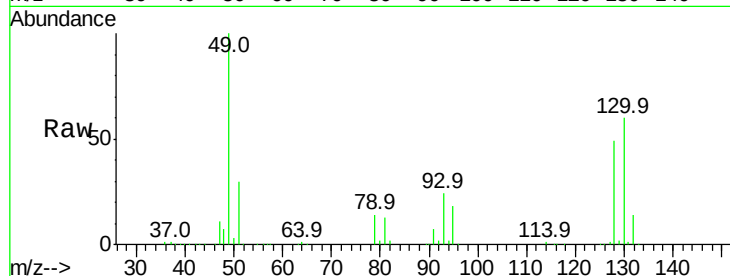
Tgt Ion: 49 Resp: 934179

Ion Ratio Lower Upper

49 100

128 51.7 26.5 79.5

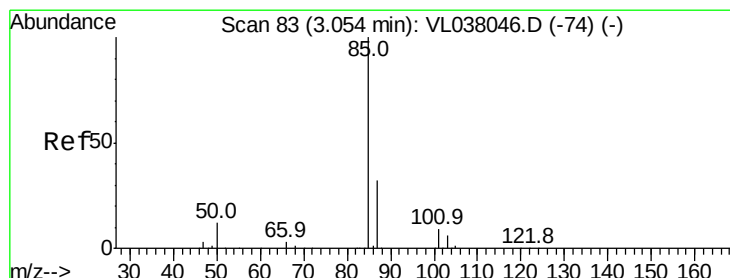
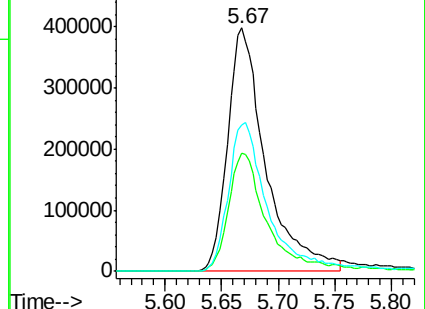
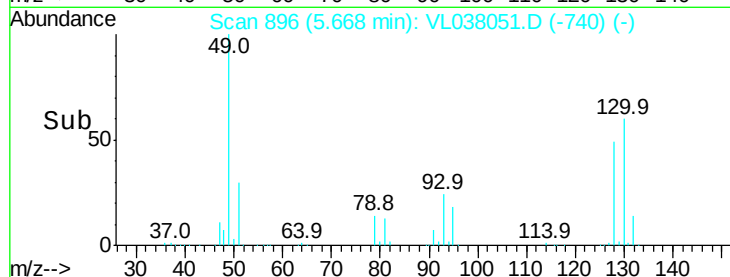
130 64.4 32.5 97.4



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



#2

Dichlorodifluoromethane

Concen: 0.032 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.00 min

Lab File: VL038051.D

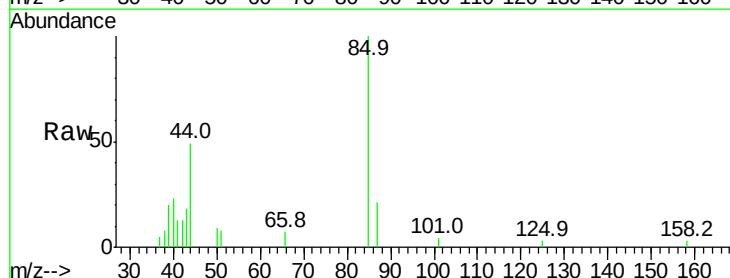
Acq: 18 Nov 2021 11:55

Tgt Ion: 85 Resp: 6089

Ion Ratio Lower Upper

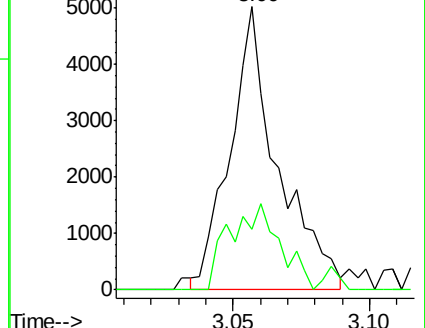
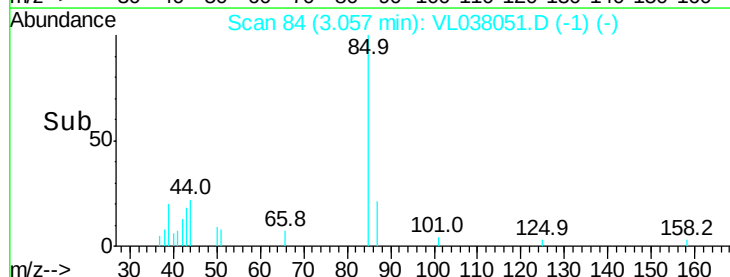
85 100

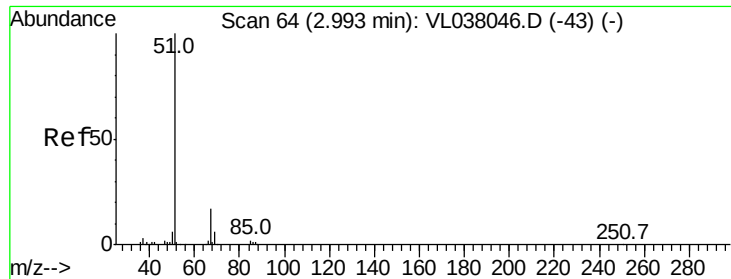
87 22.1 25.8 38.6#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.034 ppbv

RT: 3.00 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC00.03

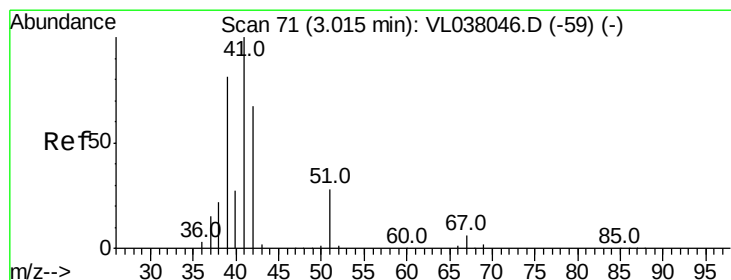
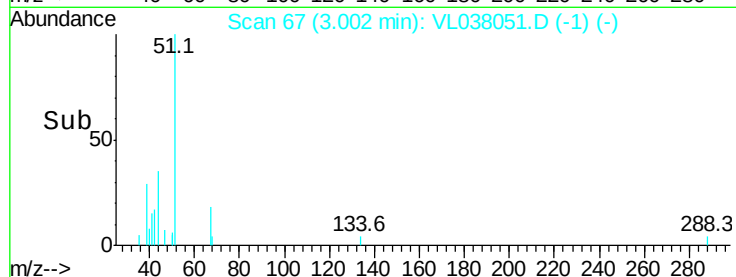
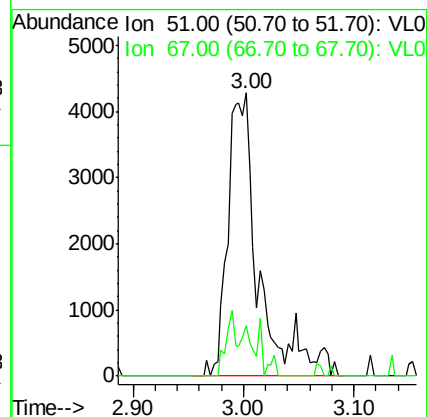
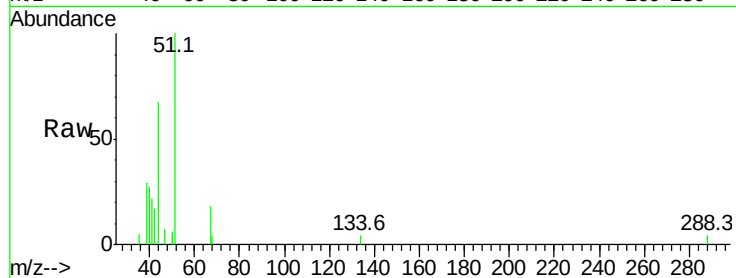
Acq: 18 Nov 2021 11:55

Tgt Ion: 51 Resp: 8229

Ion Ratio Lower Upper

51 100

67 17.4 13.8 20.8



#9

Propene

Concen: 0.050 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL038051.D

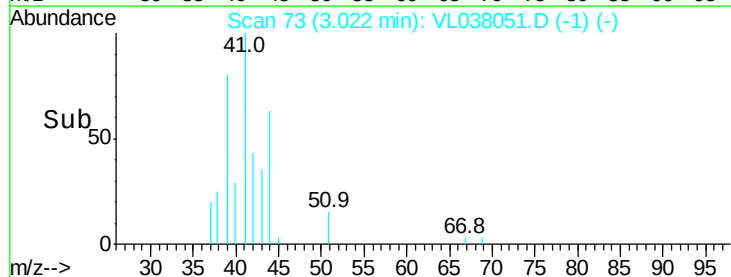
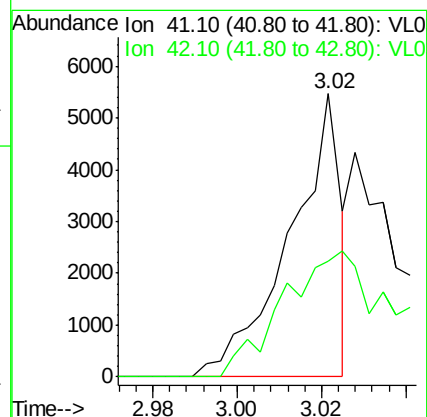
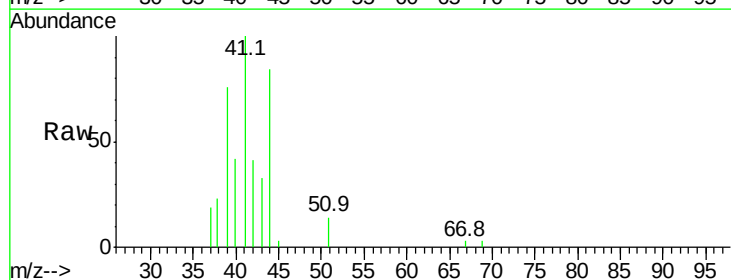
Acq: 18 Nov 2021 11:55

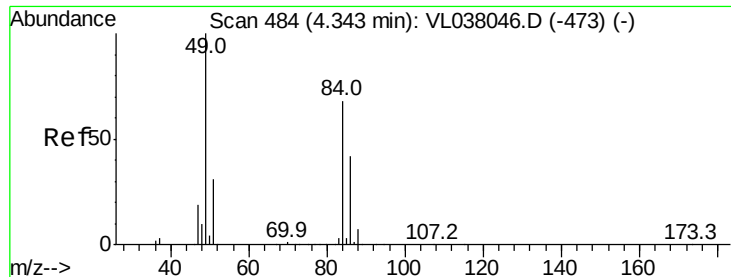
Tgt Ion: 41 Resp: 4558

Ion Ratio Lower Upper

41 100

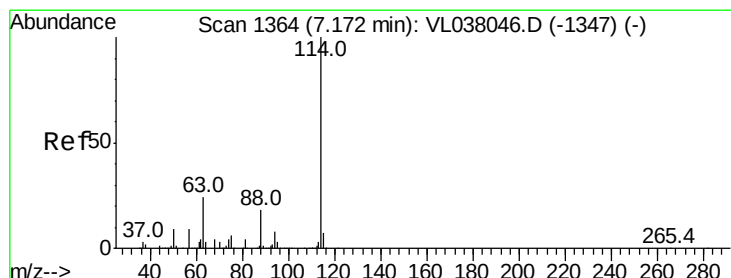
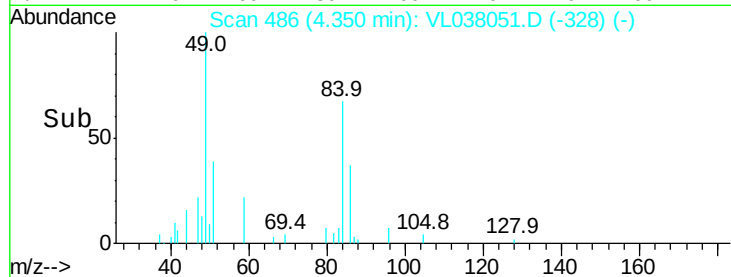
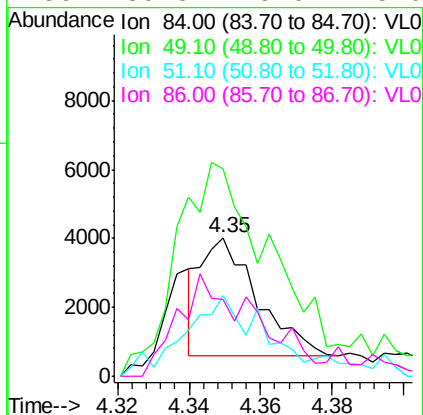
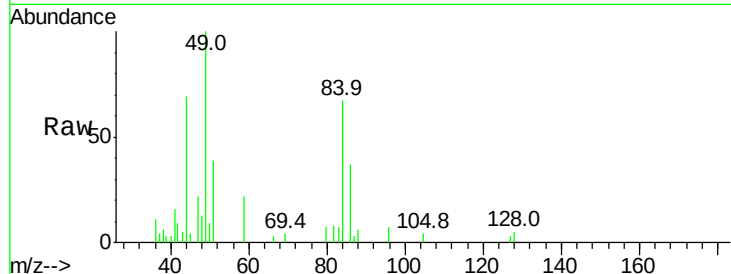
42 0.0 53.8 80.8#





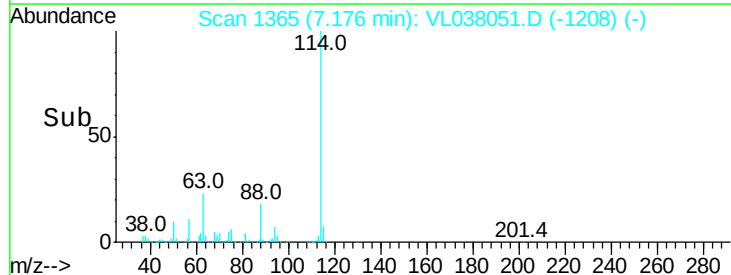
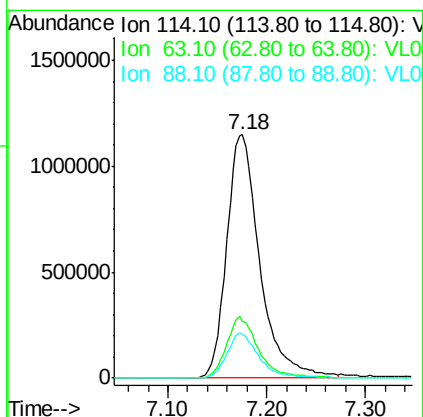
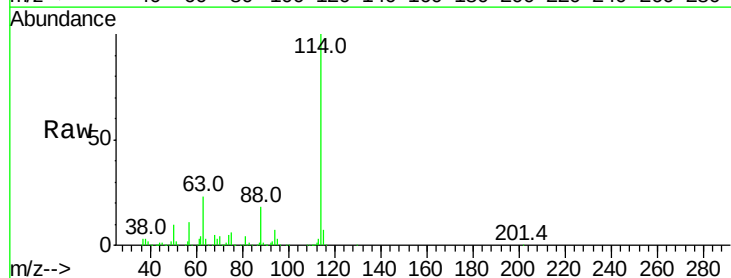
#20
Methylene Chloride
Concen: 0.058 ppbv
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC0.03
Acq: 18 Nov 2021 11:55

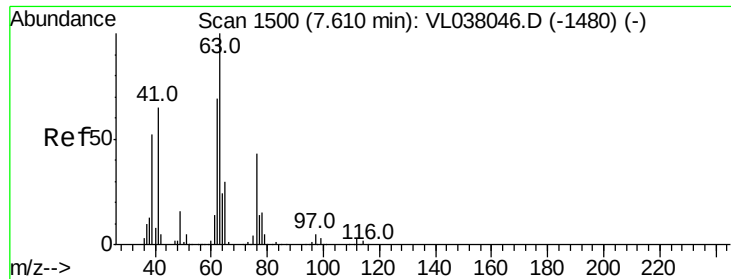
Tgt Ion:	84	Resp:	3759
Ion	Ratio	Lower	Upper
84	100		
49	148.7	118.2	177.2
51	57.6	36.8	55.2#
86	39.8	49.0	73.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VL038051.D
Acq: 18 Nov 2021 11:55

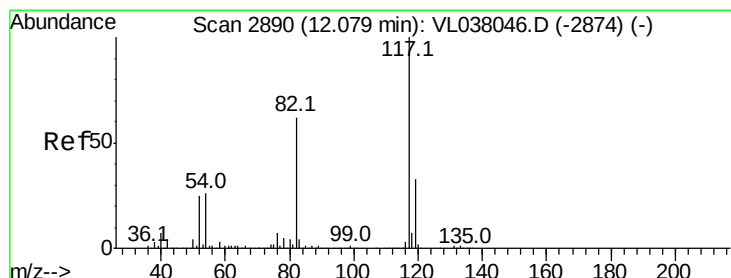
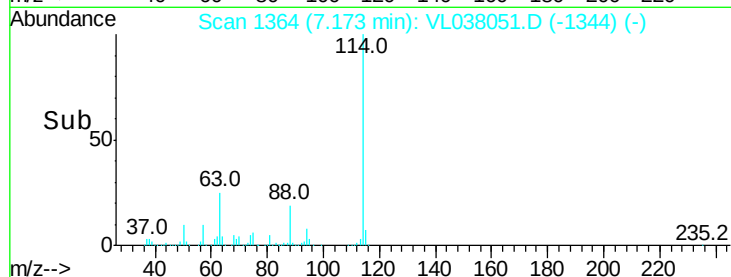
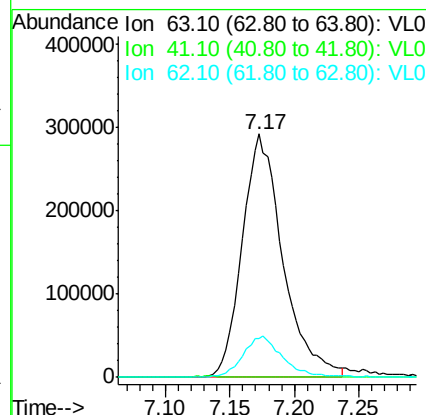
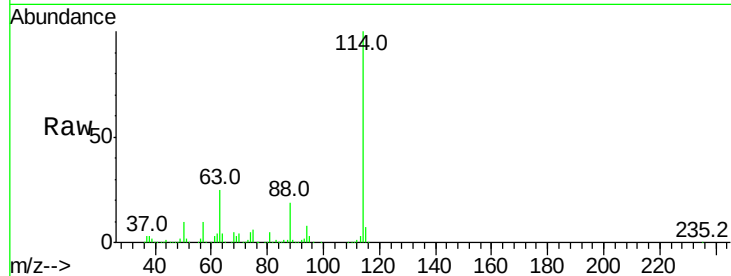
Tgt Ion:	114	Resp:	2697914
Ion	Ratio	Lower	Upper
114	100		
63	24.7	19.7	29.5
88	18.2	14.4	21.6





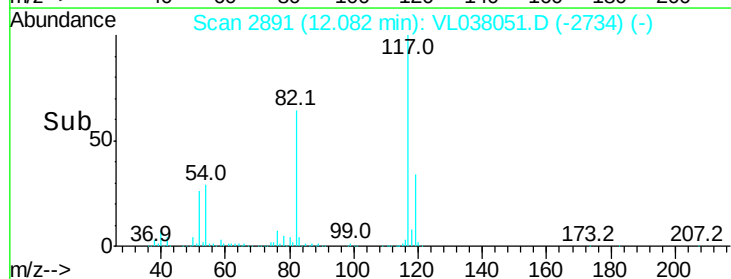
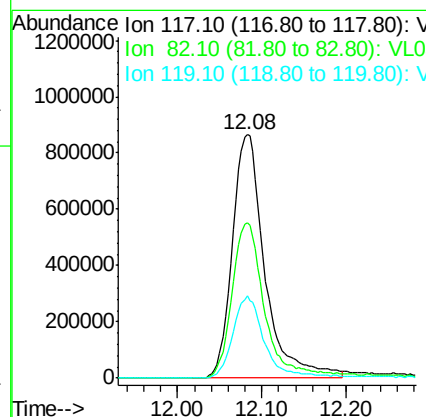
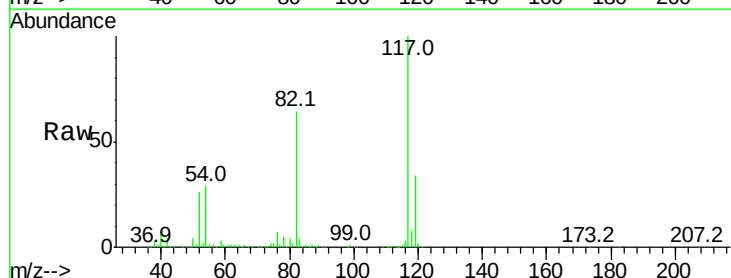
#39
 1,2-Dichloropropane
 Concen: 6.444 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.03
 Acq: 18 Nov 2021 11:55

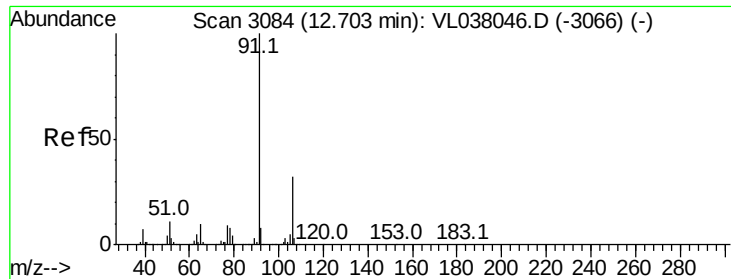
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.1	52.3	78.5#
62	16.1	55.1	82.7#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: VL038051.D
 Acq: 18 Nov 2021 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.6	52.8	79.2
119	33.8	26.8	40.2





#58

Ethyl Benzene

Concen: 0.035 ppbv

RT: 12.71

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

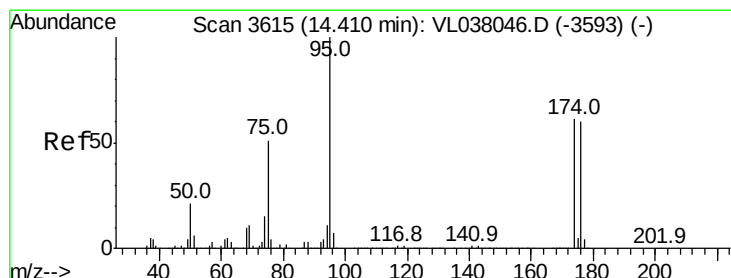
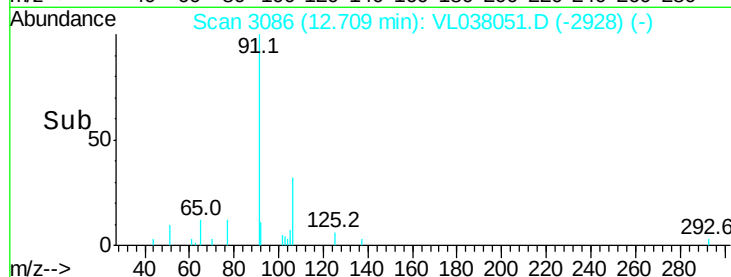
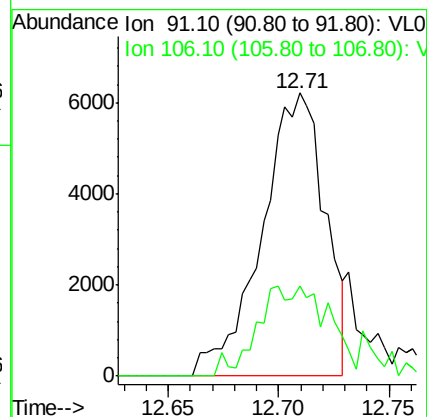
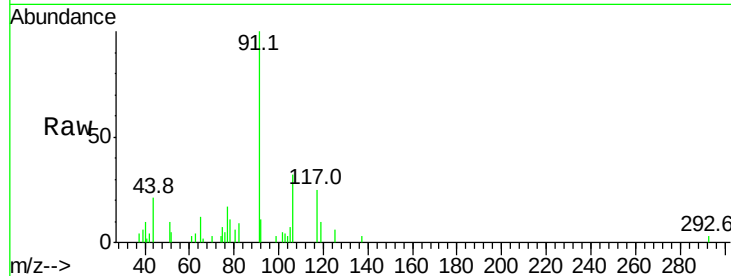
Acq: 18 Nov 2021 11:55

Tgt Ion: 91 Resp: 12365

Ion Ratio Lower Upper

91 100

106 31.7 25.8 38.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.988 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.00 min

Lab File: VL038051.D

Acq: 18 Nov 2021 11:55

Tgt Ion: 95 Resp: 1675810

Ion Ratio Lower Upper

95 100

174 66.3 53.1 79.7

175 4.5 4.0 6.0

