

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111921\
 Data File : VL038080.D
 Acq On : 19 Nov 2021 11:36
 Operator : SY/AP
 Sample : VL1119ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1119ABL01

Quant Time: Nov 22 06:35:16 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 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	776835	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2252370	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	1867405	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1387400	10.30	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

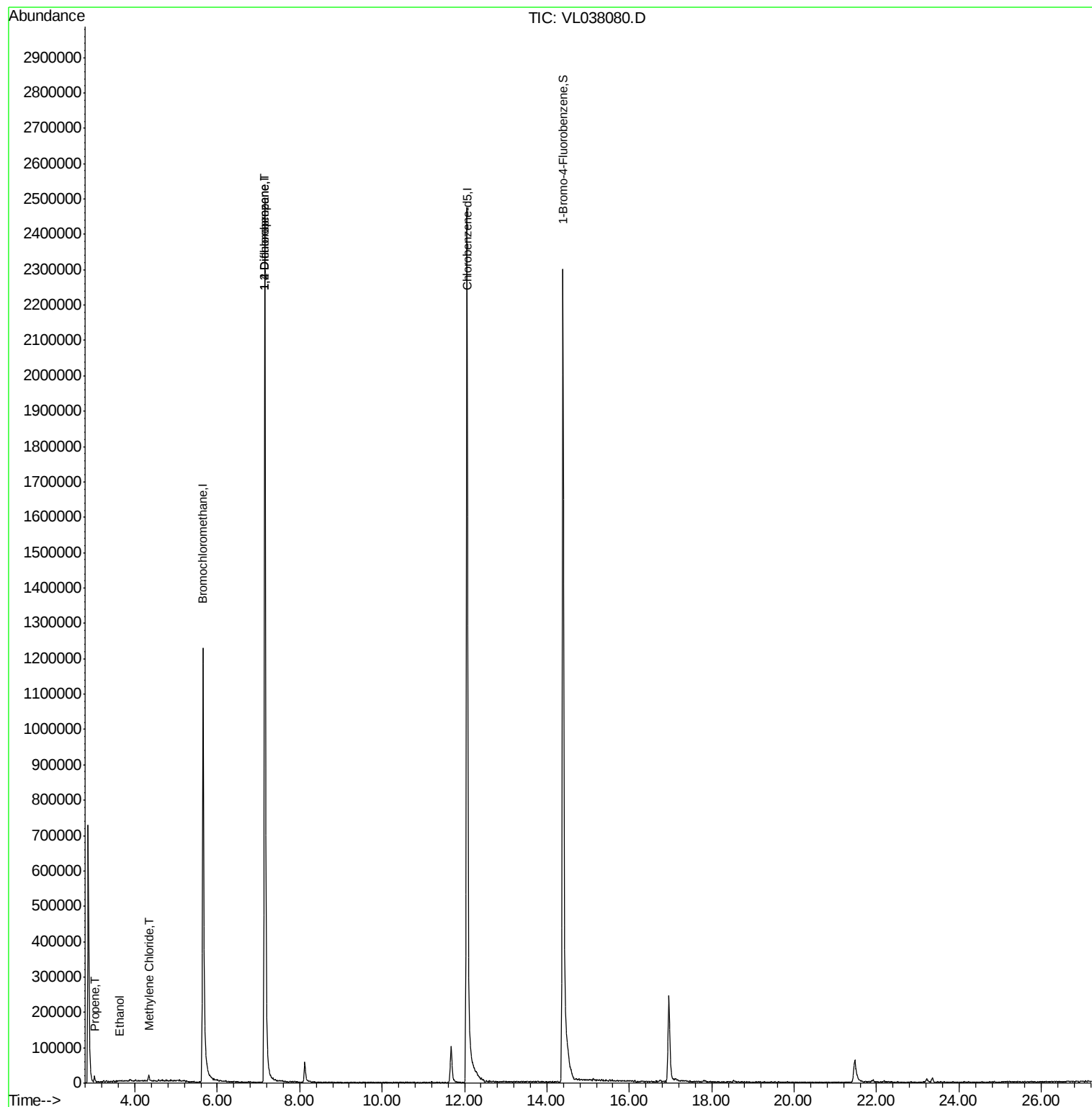
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	2544	0.042	ppbv #	39
13) Ethanol	3.62	45	367	0.063	ppbv	92
20) Methylene Chloride	4.33	84	2899	0.077	ppbv	85
39) 1,2-Dichloropropane	7.15	63	546171	6.337	ppbv #	27

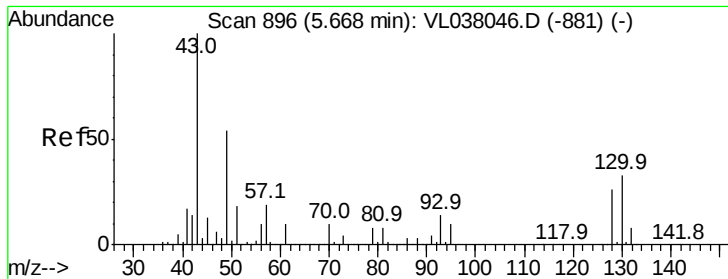
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111921\
Data File : VL038080.D
Acq On : 19 Nov 2021 11:36
Operator : SY/AP
Sample : VL1119ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1119ABL01

Quant Time: Nov 22 06:35:16 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1119ABL01

Acq: 19 Nov 2021 11:30

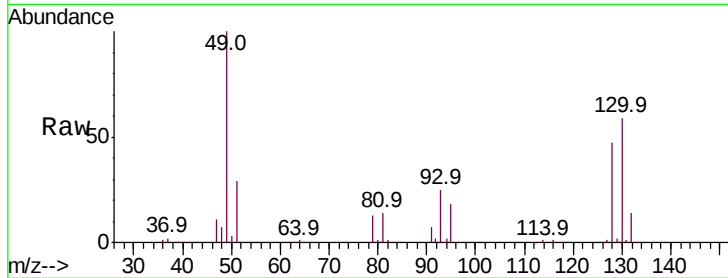
Tot Ion: 49 Resp: 776835

Ion Ratio Lower Upper

49 100

128 52.0 26.5 79.5

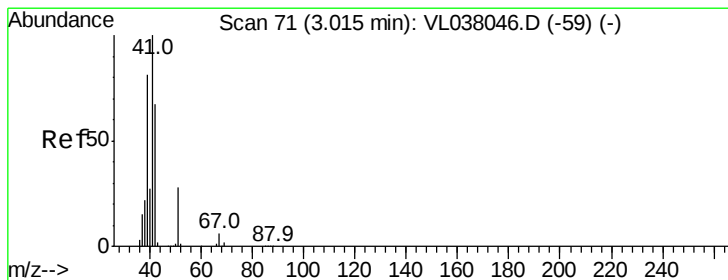
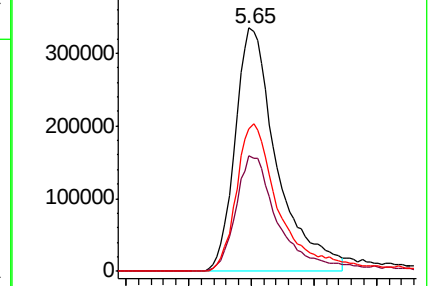
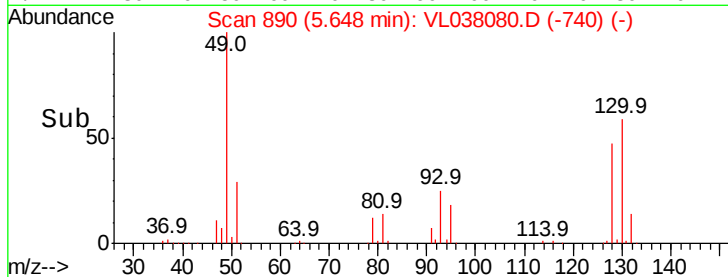
130 63.9 32.5 97.4



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: 0.042 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.00 min

Lab File: VL038080.D

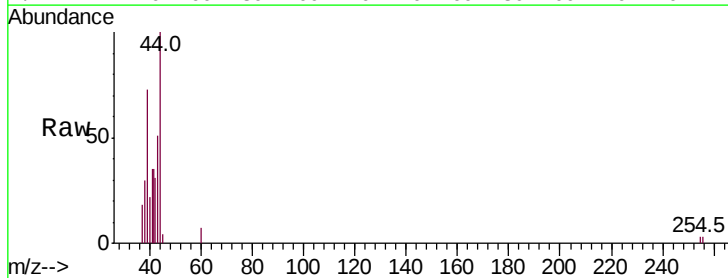
Acq: 19 Nov 2021 11:36

Tgt Ion: 41 Resp: 2544

Ion Ratio Lower Upper

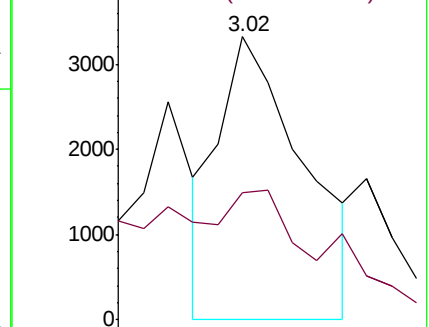
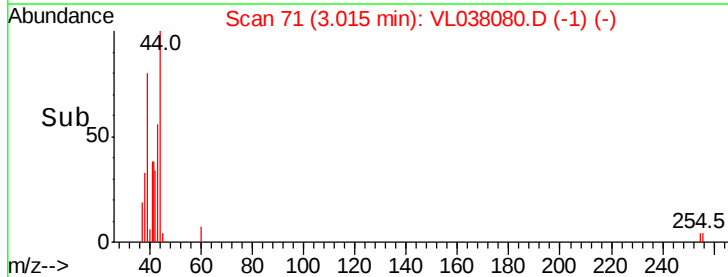
41 100

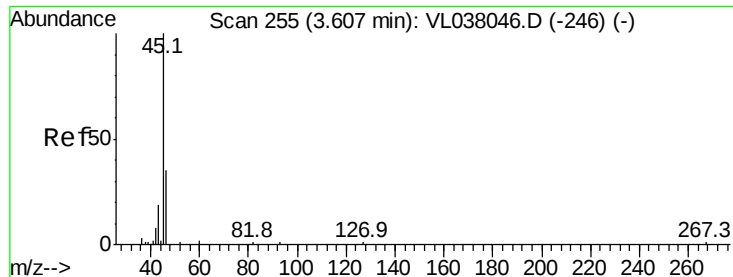
42 116.1 53.8 80.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

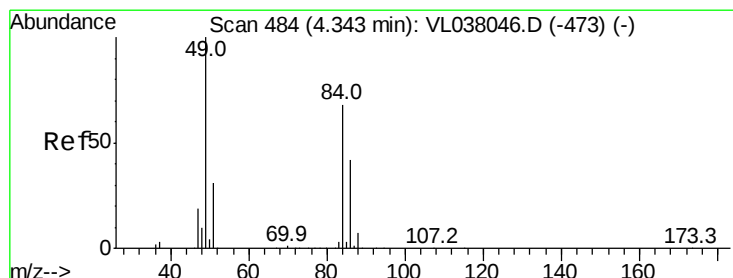
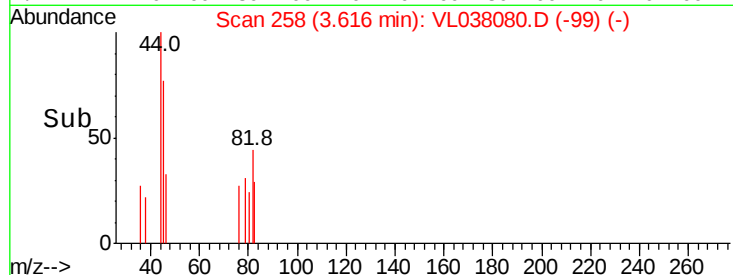
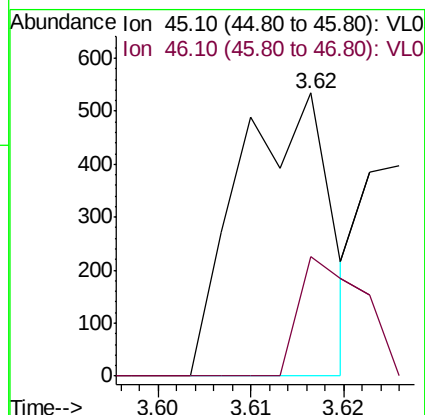
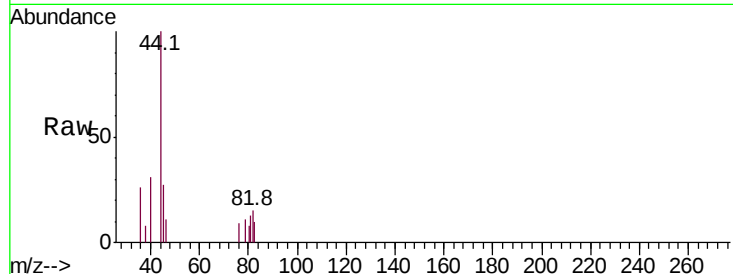
Ion 42.10 (41.80 to 42.80): VL0





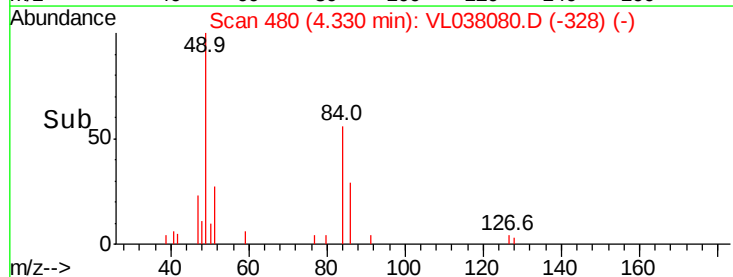
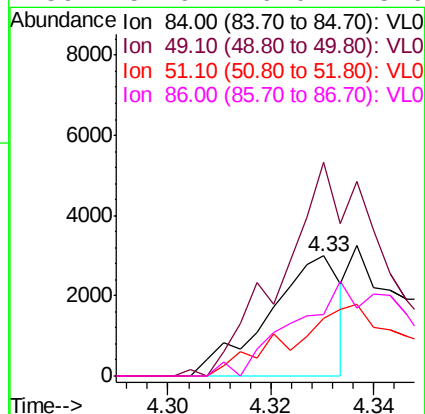
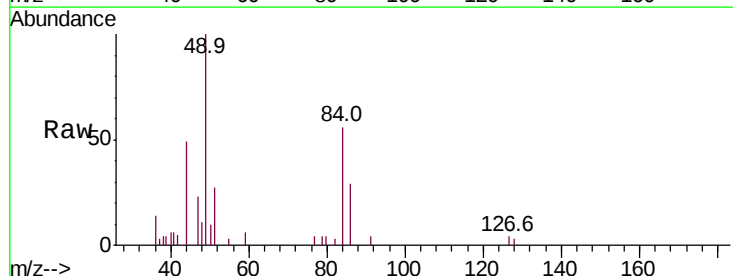
#13
Ethanol
Concen: 0.063 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Nov 2021 11:30

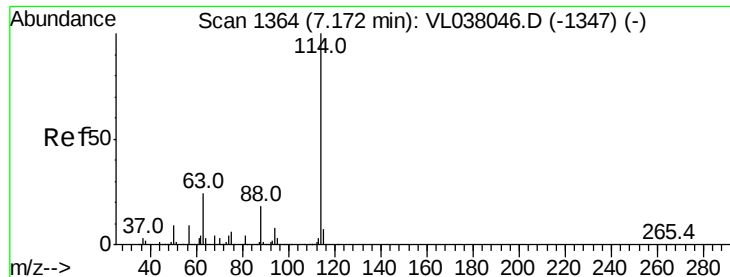
Tot Ion: 45 Resp: 367
Ion Ratio Lower Upper
45 100
46 38.7 17.6 70.2



#20
Methylene Chloride
Concen: 0.077 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL038080.D
Acq: 19 Nov 2021 11:36

Tgt Ion: 84 Resp: 2899
Ion Ratio Lower Upper
84 100
49 172.4 118.2 177.2
51 48.2 36.8 55.2
86 51.6 49.0 73.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 19 Nov 2021 11:30 VL1119ABL01

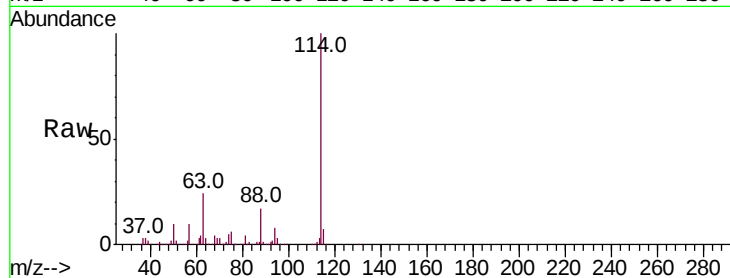
Tot Ion:114 Resp: 2252370

Ion Ratio Lower Upper

114 100

63 25.1 19.7 29.5

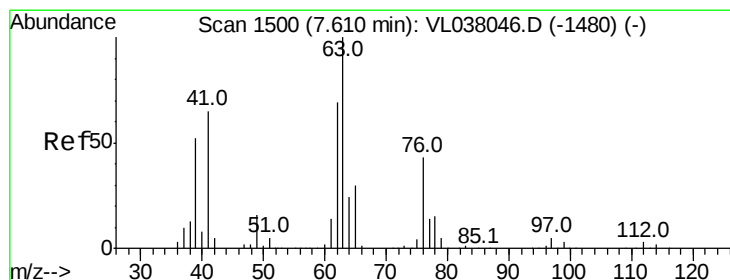
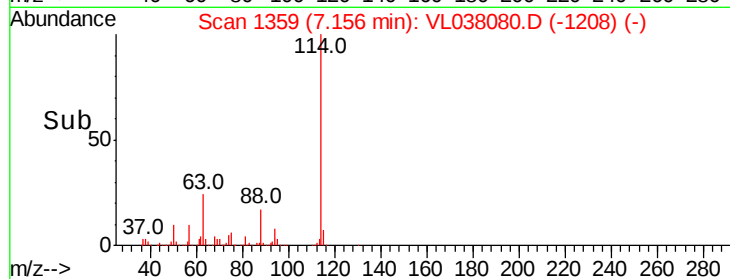
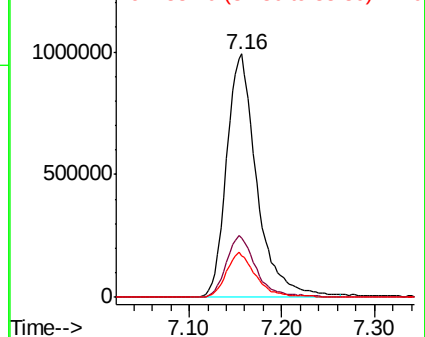
88 18.1 14.4 21.6



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: 6.337 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.46 min

Lab File: VL038080.D

Acq: 19 Nov 2021 11:36

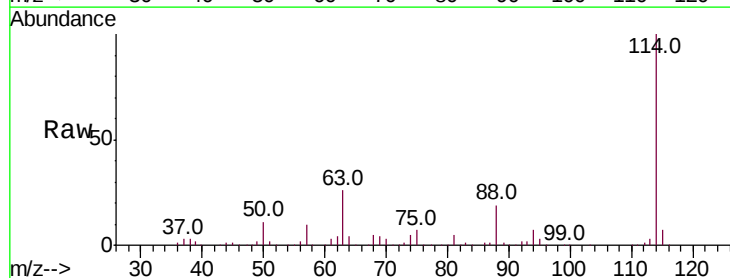
Tgt Ion: 63 Resp: 546171

Ion Ratio Lower Upper

63 100

41 0.0 52.3 78.5#

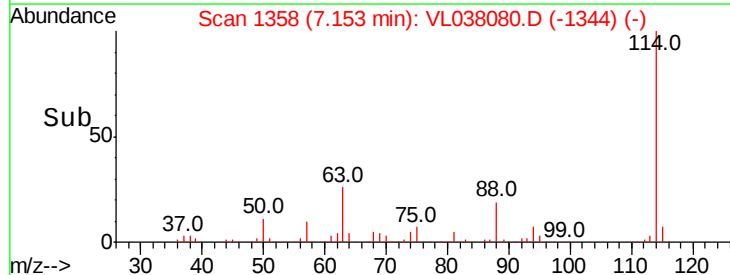
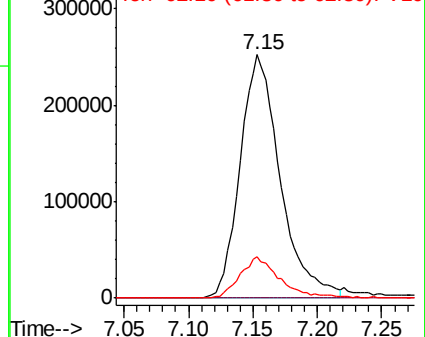
62 17.0 55.1 82.7#

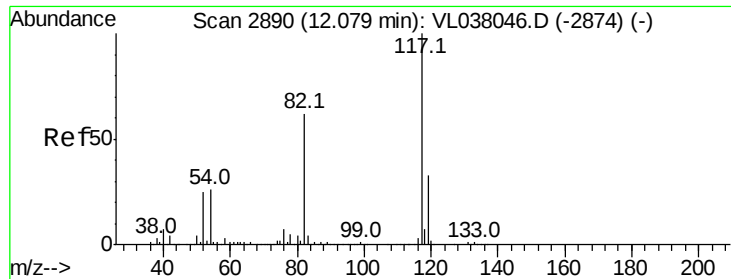


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

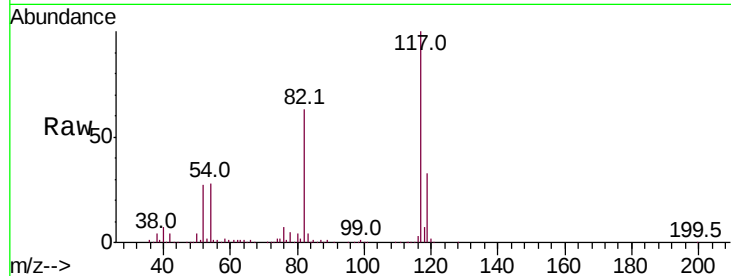
Ion 62.10 (61.80 to 62.80): VL0



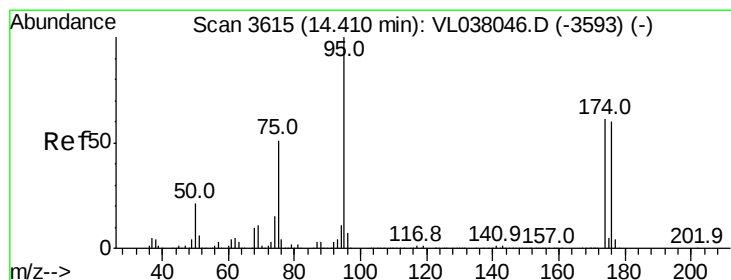
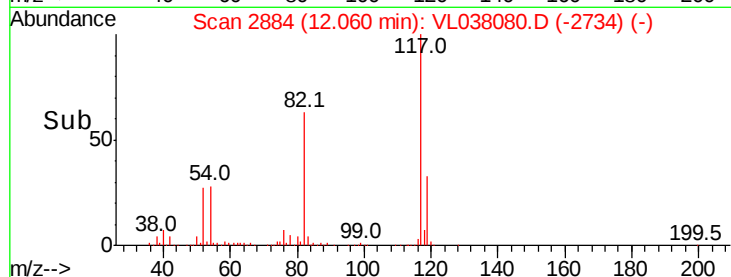
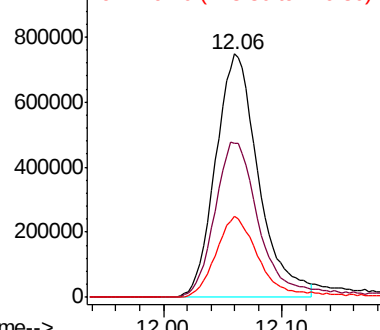


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1119ABL01
Acq: 19 Nov 2021 11:30

Tot Ion:117 Resp: 1867405
Ion Ratio Lower Upper
117 100
82 69.4 52.8 79.2
119 35.1 26.8 40.2

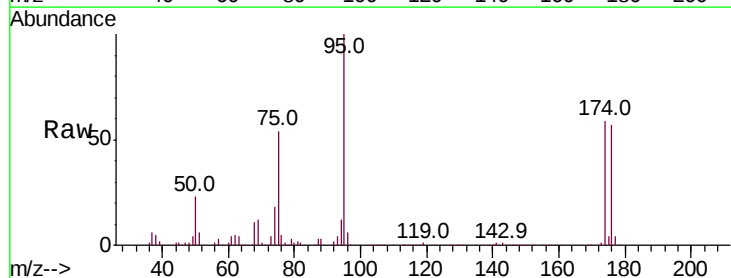


Abundance Ion 117.10 (116.80 to 117.80): V
1000000 Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.300 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.02 min
Lab File: VL038080.D
Acq: 19 Nov 2021 11:36

Tgt Ion: 95 Resp: 1387400
Ion Ratio Lower Upper
95 100
174 67.0 53.1 79.7
175 4.9 4.0 6.0



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

