

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039205.D
 Acq On : 7 Jun 2022 12:02
 Operator : SY/AP
 Sample : VL0607ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 08 04:57:58 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1057281	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3075818	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2704678	10.00	ppbv	-0.02

System Monitoring Compounds

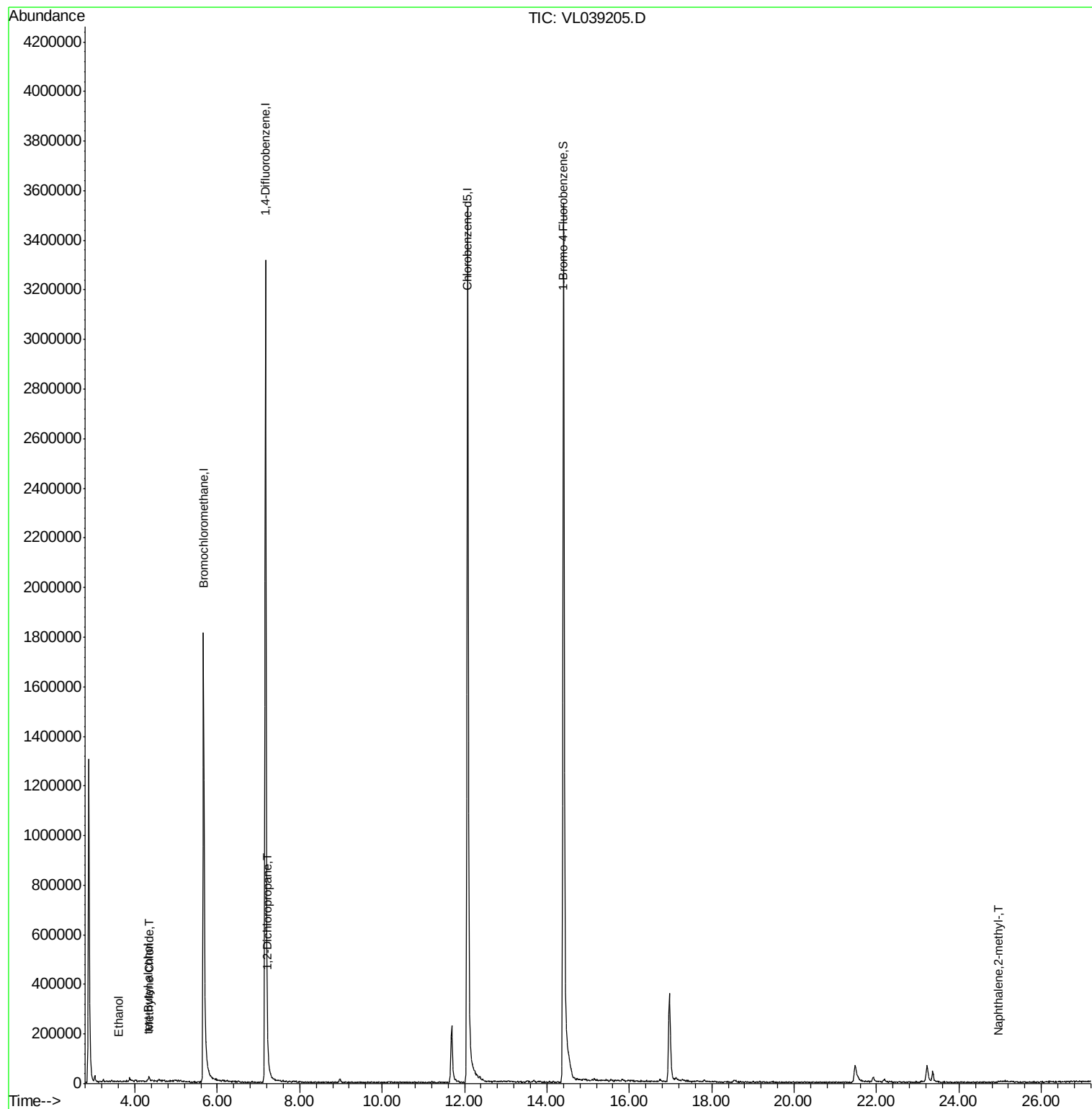
68) 1-Bromo-4-Fluorobenzene	14.40	95	2050311	9.17	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.70%

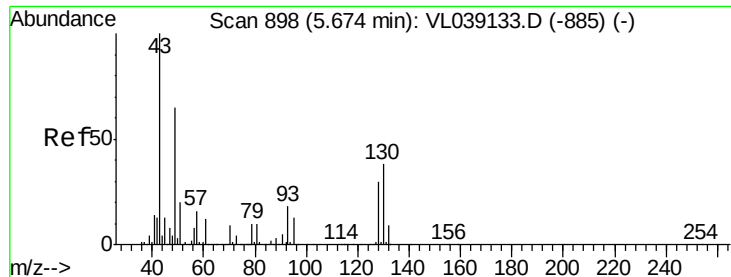
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	535	0.167	ppbv #	100
17) tert-Butyl alcohol	4.32	59	2877	0.034	ppbv #	76
20) Methylene Chloride	4.35	84	1961	0.042	ppbv #	38
39) 1,2-Dichloropropane	7.22	63	8375	0.084	ppbv #	26
80) Naphthalene,2-methyl-	24.96	142	5371	0.052	ppbv	93

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL060722\
Data File : VL039205.D
Acq On : 7 Jun 2022 12:02
Operator : SY/AP
Sample : VL0607ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

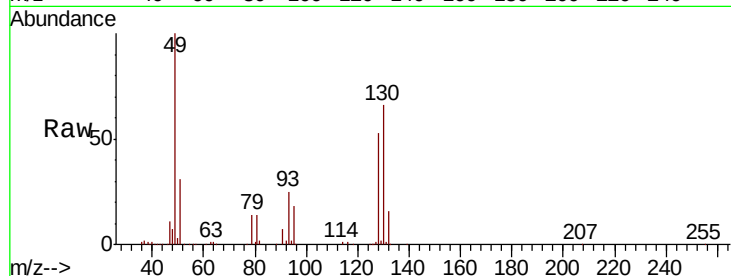
Quant Time: Jun 08 04:57:58 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration



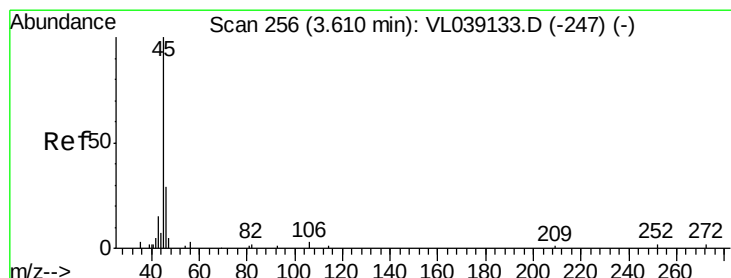
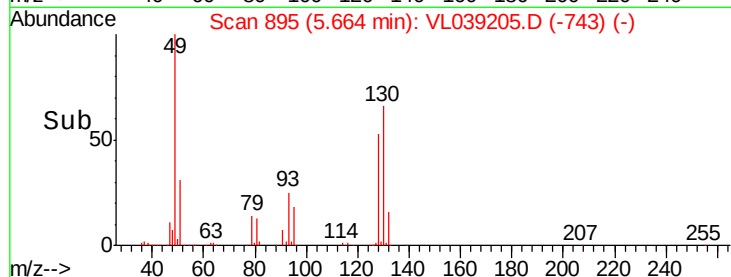
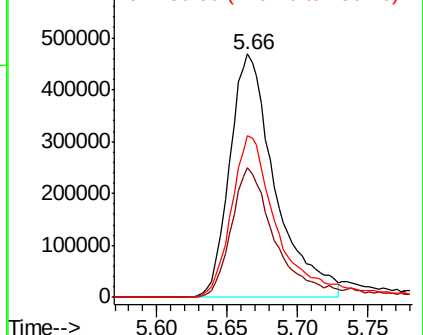


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL039205.D
Acq: 7 Jun 2022 12:02

Tot Ion: 49 Resp: 1057281
Ion Ratio Lower Upper
49 100
128 54.5 24.7 74.1
130 71.2 31.4 94.0

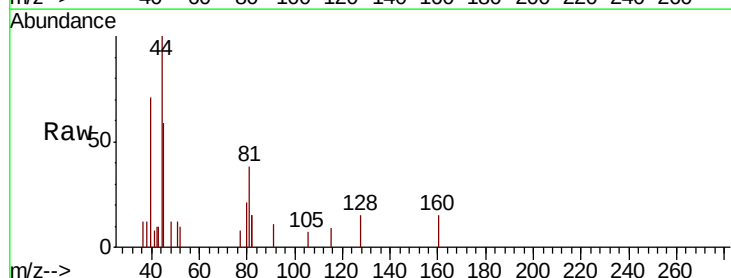


Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V

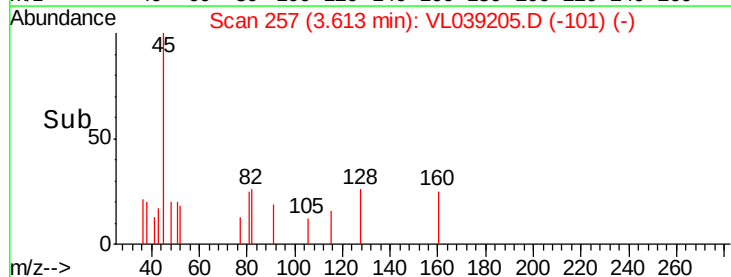
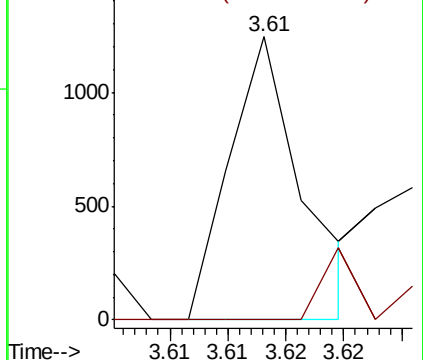


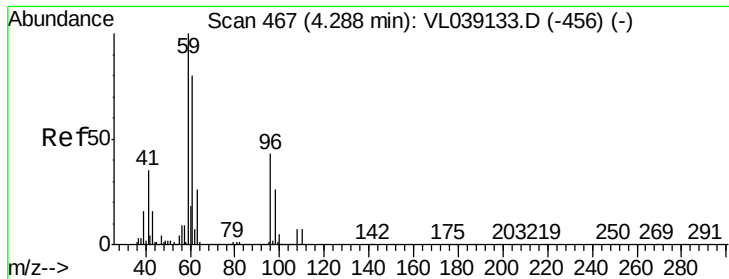
#13
Ethanol
Concen: 0.167 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.00 min
Lab File: VL039205.D
Acq: 7 Jun 2022 12:02

Tgt Ion: 45 Resp: 535
Ion Ratio Lower Upper
45 100
46 16.8 0.0 0.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 46.10 (45.80 to 46.80): VL0

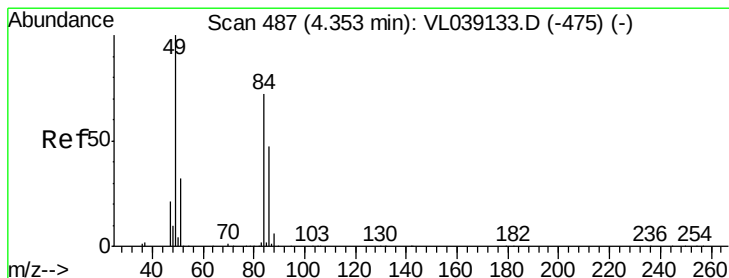
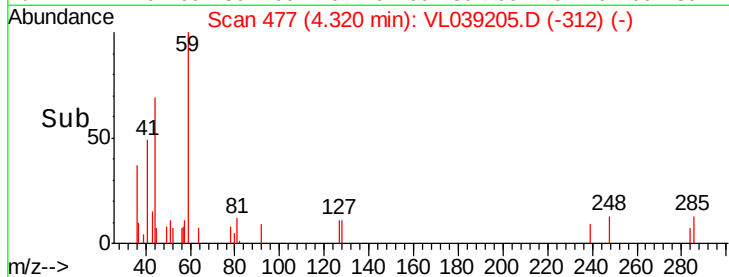
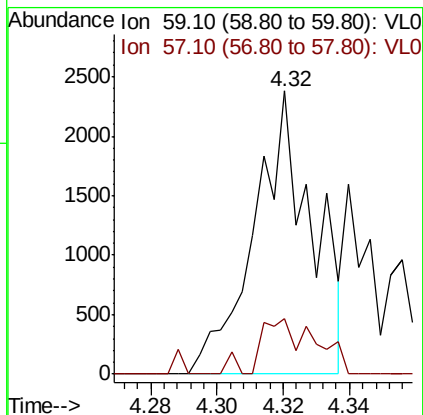
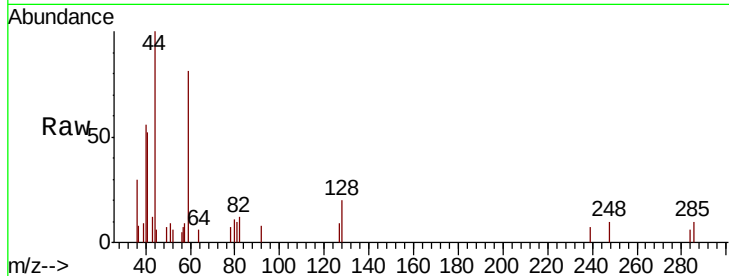




#17

tert-Butyl alcohol
Concen: 0.034 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.03 min
Lab File: VL039205.D
Acq: 7 Jun 2022 12:02

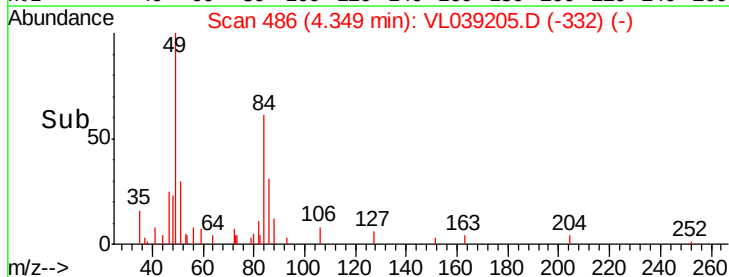
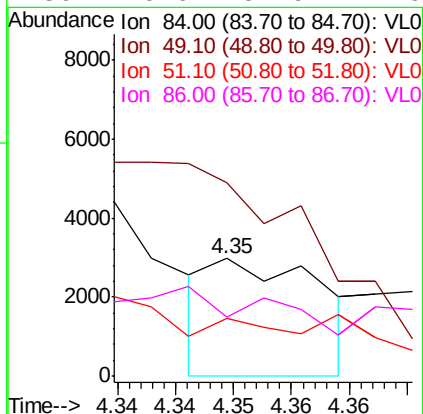
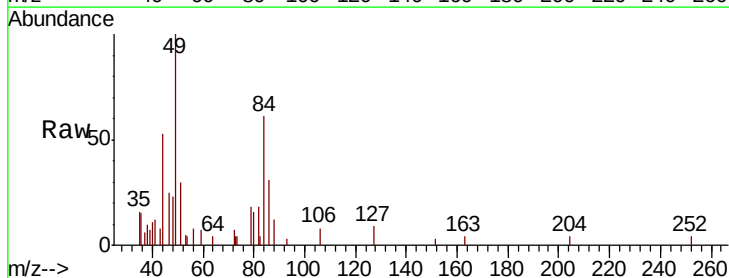
Tot Ion: 59 Resp: 2877
Ion Ratio Lower Upper
59 100
57 20.4 9.1 13.7#

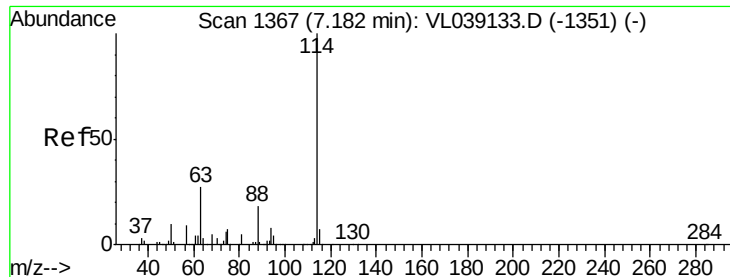


#20

Methylene Chloride
Concen: 0.042 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.00 min
Lab File: VL039205.D
Acq: 7 Jun 2022 12:02

Tgt Ion: 84 Resp: 1961
Ion Ratio Lower Upper
84 100
49 256.8 111.1 166.7#
51 48.7 35.3 52.9
86 46.6 51.9 77.9#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VL039205.D

Acq: 7 Jun 2022 12:02

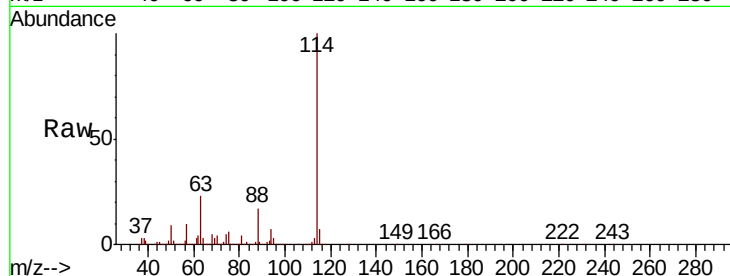
Tot Ion:114 Resp: 3075818

Ion Ratio Lower Upper

114 100

63 23.7 21.7 32.5

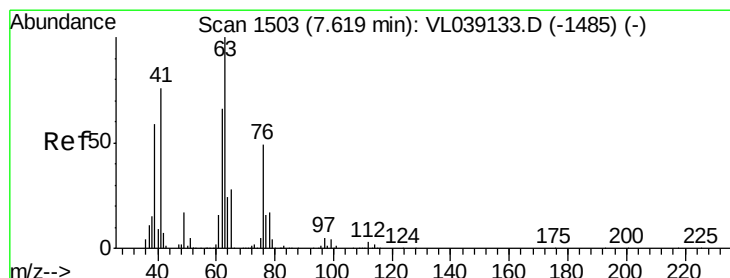
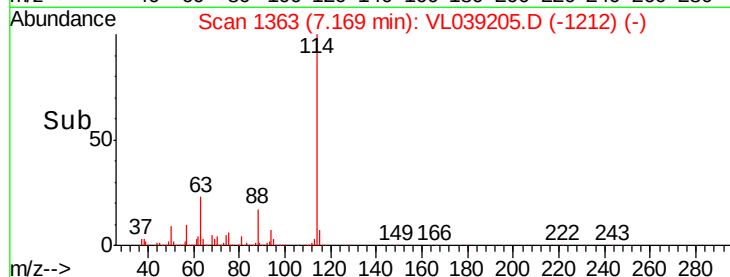
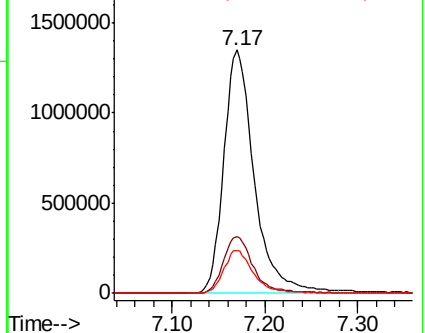
88 17.5 14.8 22.2



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: 0.084 ppbv

RT: 7.22 min Scan# 1380

Delta R.T. -0.40 min

Lab File: VL039205.D

Acq: 7 Jun 2022 12:02

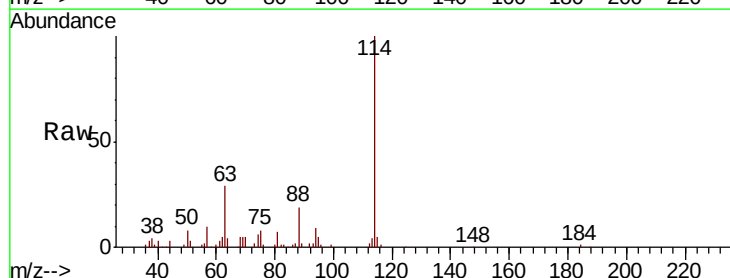
Tgt Ion: 63 Resp: 8375

Ion Ratio Lower Upper

63 100

41 1.8 60.8 91.2#

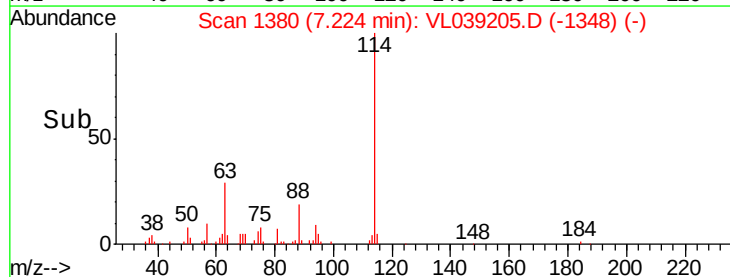
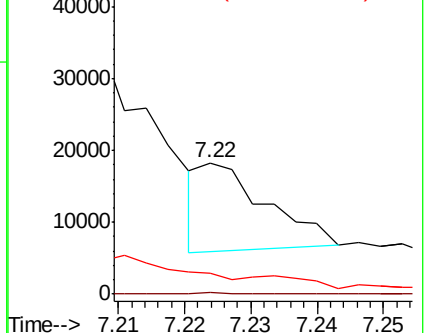
62 19.1 52.9 79.3#

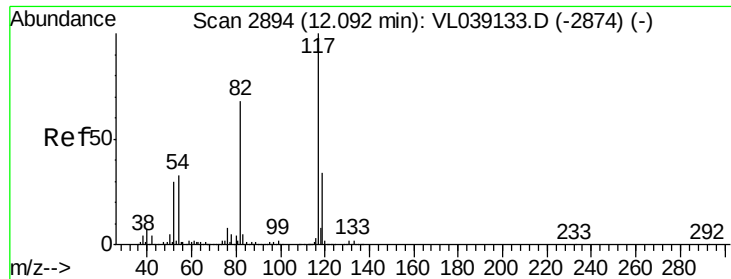


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

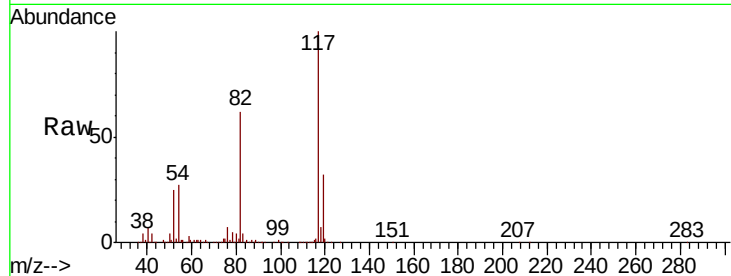




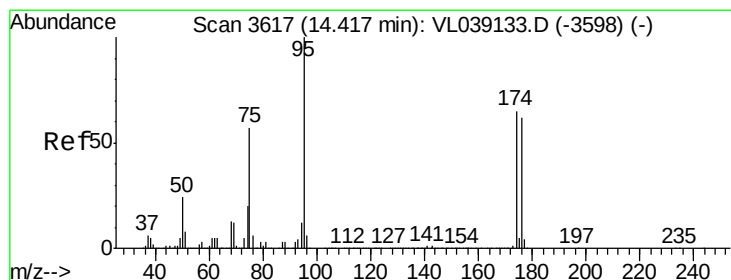
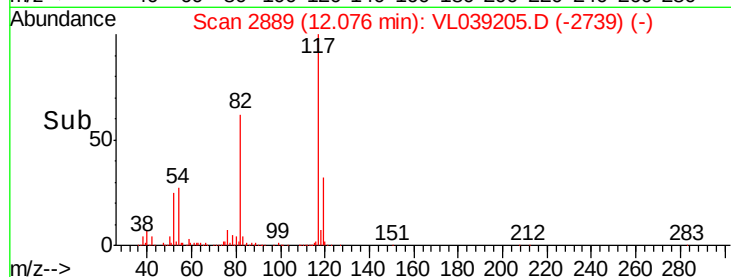
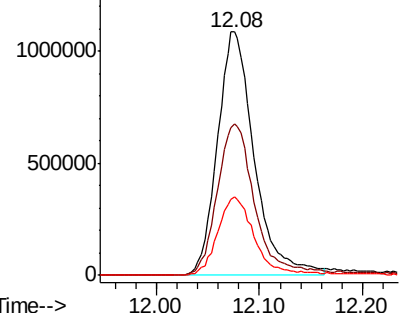
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL039205.D
Acq: 7 Jun 2022 12:02

Tot Ion:117 Resp: 2704678

Ion	Ratio	Lower	Upper
117	100		
82	65.6	55.1	82.7
119	33.5	24.7	37.1



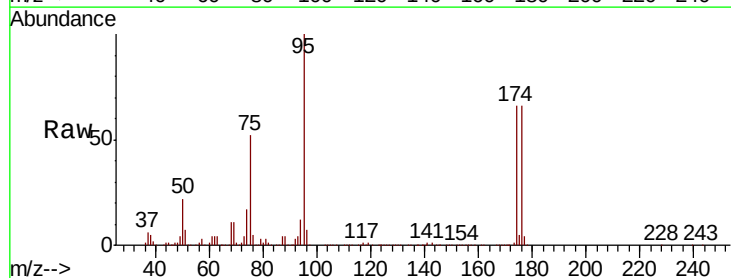
Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



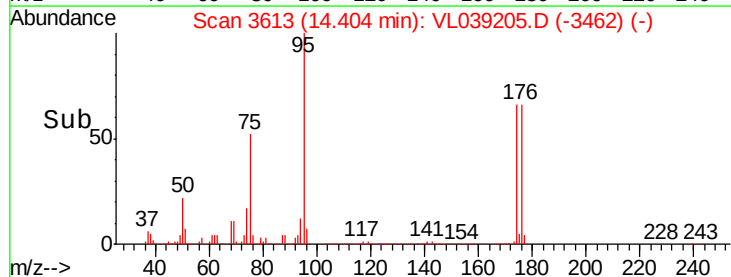
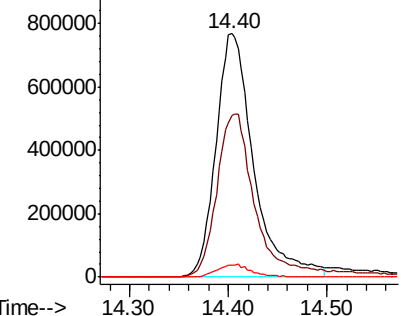
#68
1-Bromo-4-Fluorobenzene
Concen: 9.169 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.01 min
Lab File: VL039205.D
Acq: 7 Jun 2022 12:02

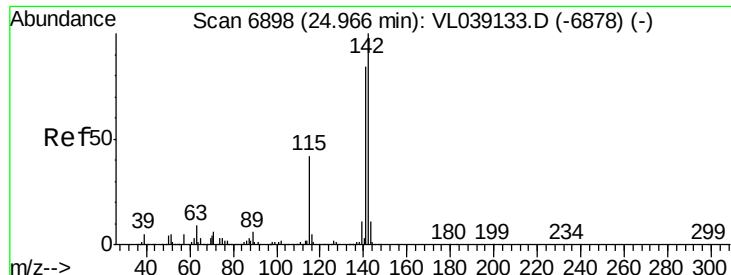
Tgt Ion: 95 Resp: 2050311

Ion	Ratio	Lower	Upper
95	100		
174	71.1	53.8	80.8
175	5.0	4.1	6.1



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





#80

Naphthalene, 2-methyl-

Concen: 0.052 ppbv

RT: 24.96 min Scan# 6896

Delta R.T. -0.01 min

Lab File: VL039205.D

Acq: 7 Jun 2022 12:02

Tot	Ion:142	Resp:	5371
Ion	Ratio	Lower	Upper
142	100		
141	89.0	64.6	96.8
115	39.1	32.7	49.1

