

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061322\
 Data File : VL039262.D
 Acq On : 13 Jun 2022 21:56
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jun 14 01:33:09 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	5.67	49	1195291	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2789963	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2275399	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1985104	10.55	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.50%

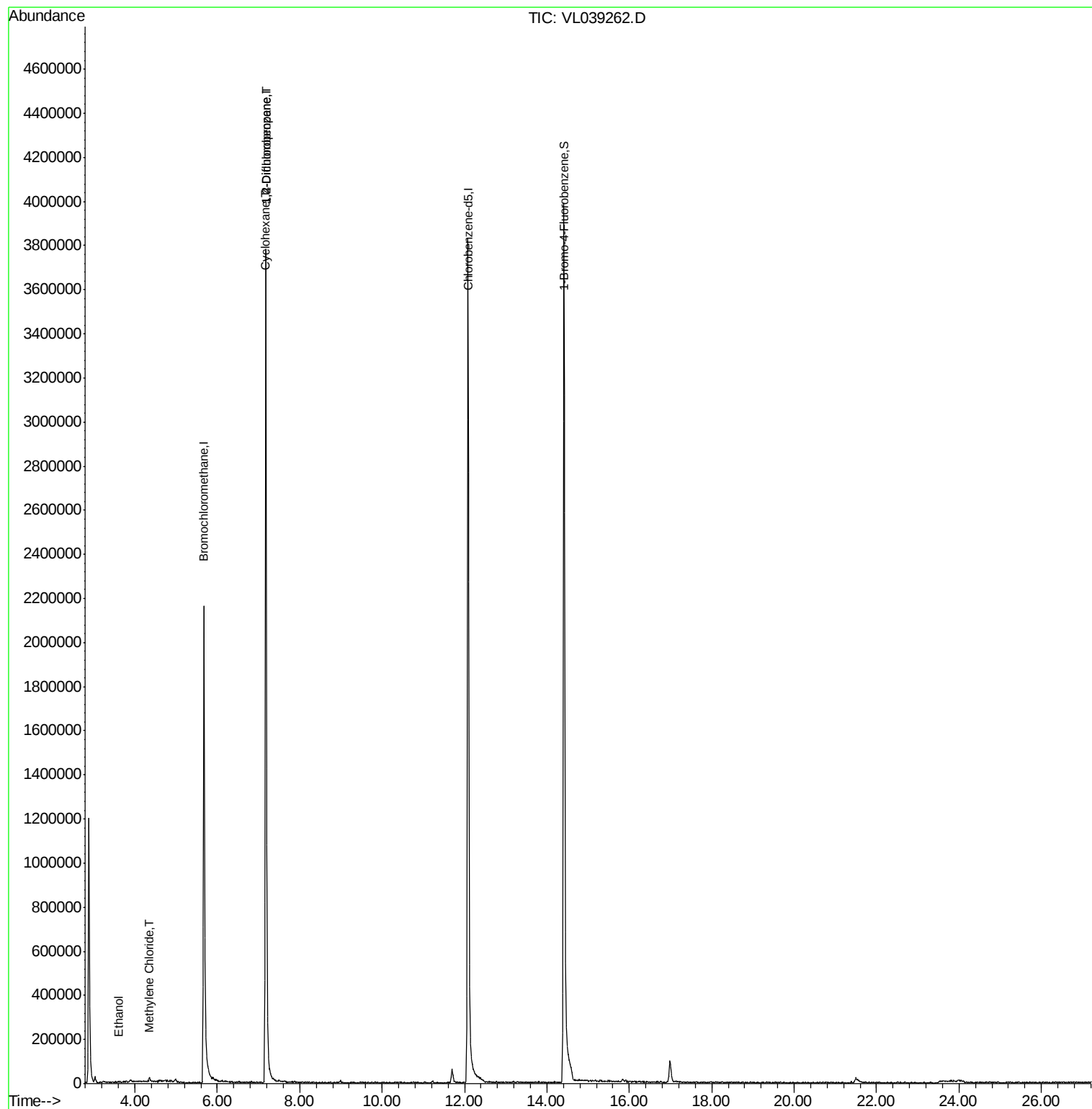
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	192	0.053	ppbv #	100
20) Methylene Chloride	4.35	84	2717	0.052	ppbv #	36
30) Cyclohexane	7.16	84	3778	0.036	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	807698	8.965	ppbv #	25

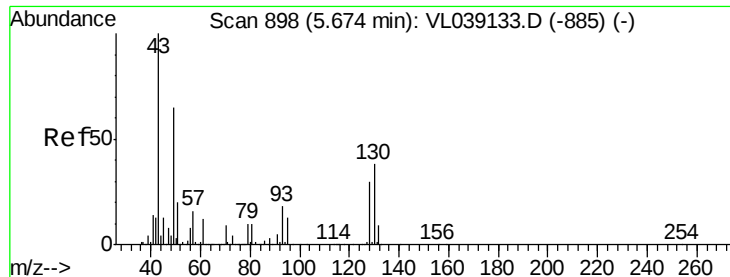
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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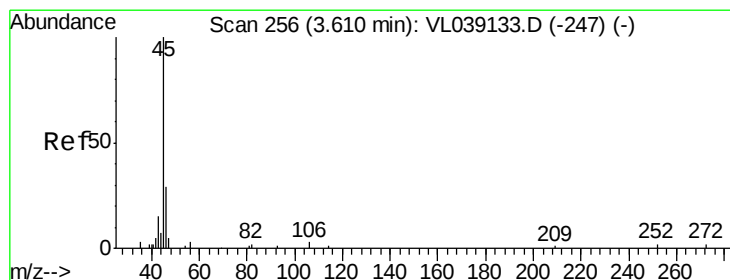
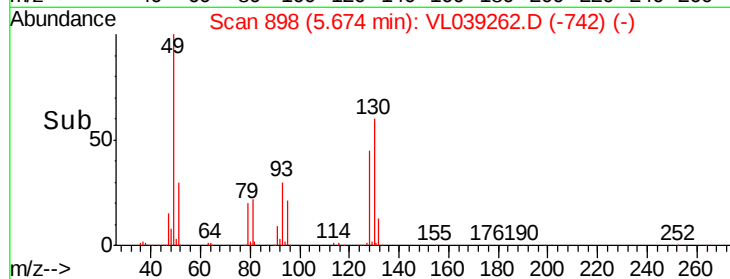
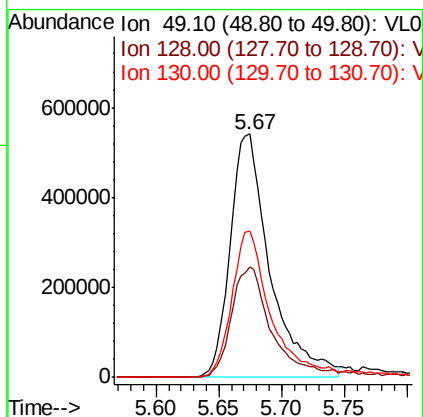
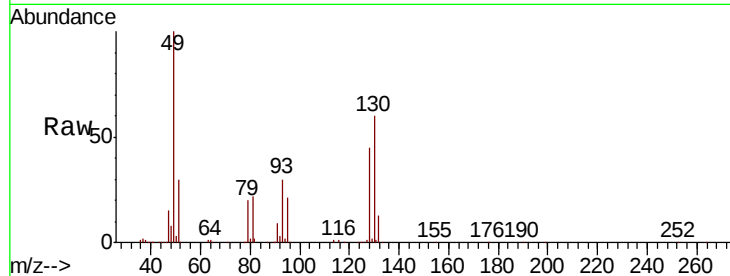
Quant Time: Jun 14 01:33:09 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
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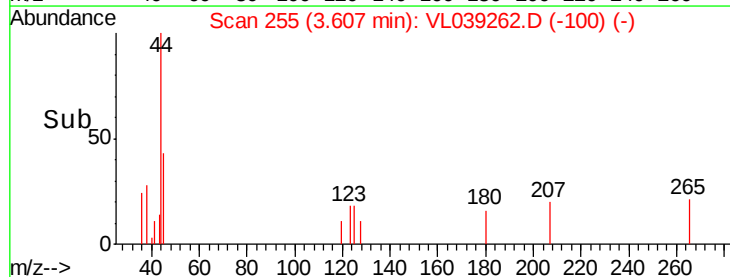
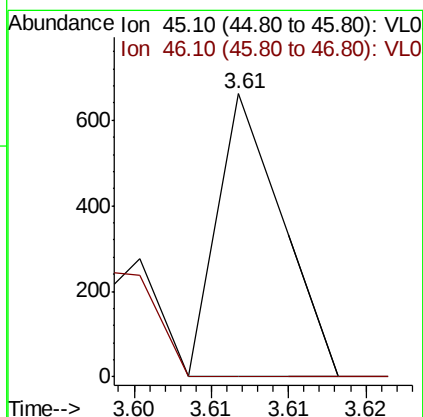
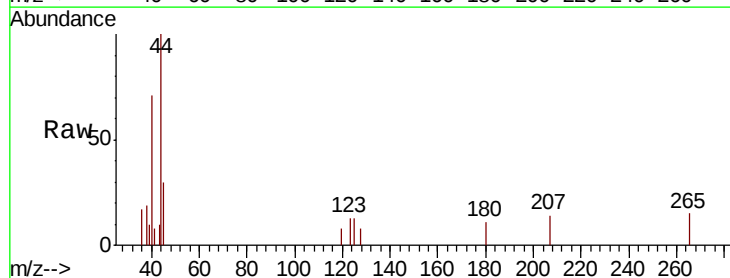
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VIBLK
 Acq: 13 Jun 2022 21:56

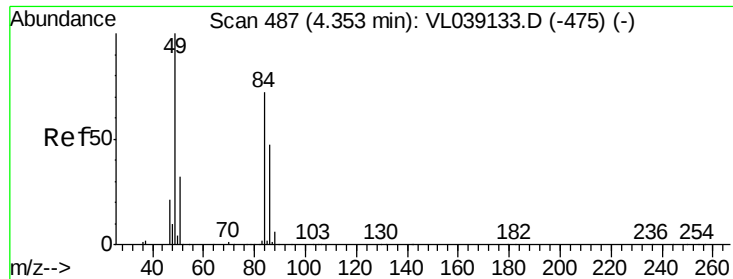
Tot Ion: 49 Resp: 1195291
 Ion Ratio Lower Upper
 49 100
 128 48.9 24.7 74.1
 130 62.8 31.4 94.0



#13
 Ethanol
 Concen: 0.053 ppbv
 RT: 3.61 min Scan# 255
 Delta R.T. -0.00 min
 Lab File: VL039262.D
 Acq: 13 Jun 2022 21:56

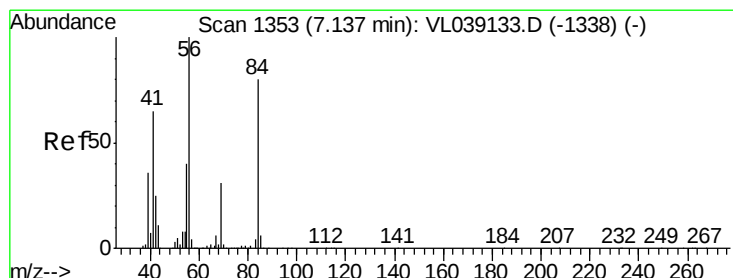
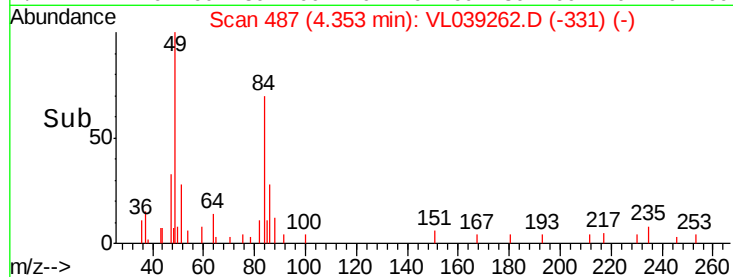
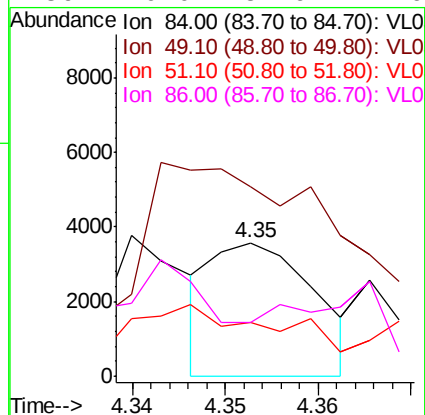
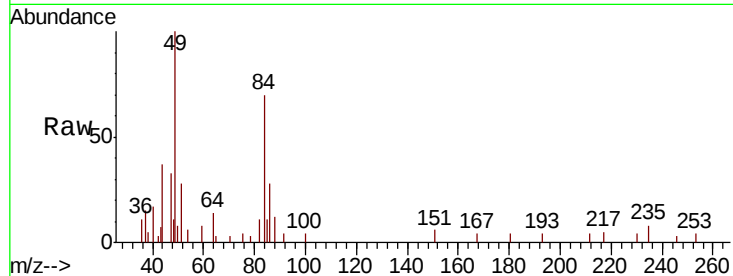
Tgt Ion: 45 Resp: 192
 Ion Ratio Lower Upper
 45 100
 46 0.0 0.0 0.0





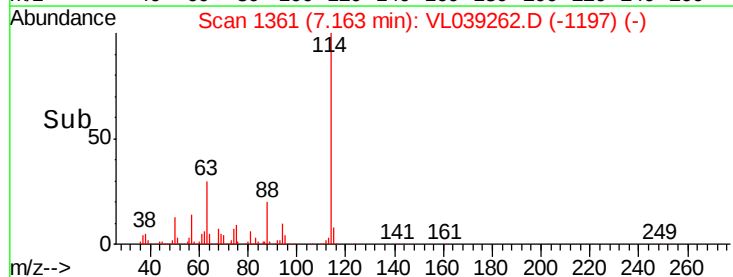
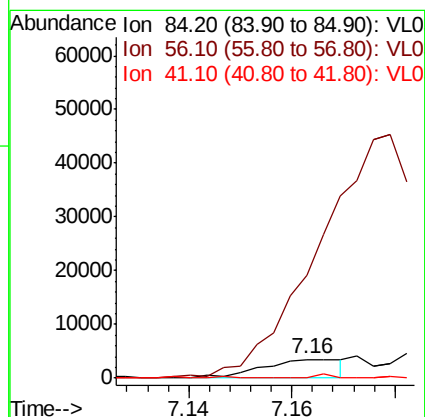
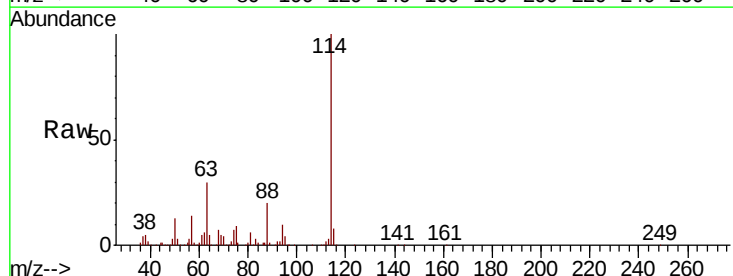
#20
Methvlene Chloride
Concen: 0.052 ppbv
RT: 4.35 Instrument: MSVOA_1
Delta R.T. ClientSampleId:
Lab File: VIBLK
Acq: 13 Jun 2022 21:58

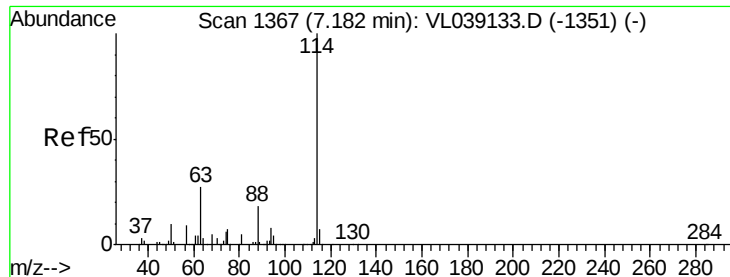
Tot Ion: 84 Resp: 2717
Ion Ratio Lower Upper
84 100
49 49.9 111.1 166.7#
51 38.1 35.3 52.9
86 0.0 51.9 77.9#



#30
Cyclohexane
Concen: 0.036 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.03 min
Lab File: VL039262.D
Acq: 13 Jun 2022 21:56

Tgt Ion: 84 Resp: 3778
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 8.6 68.9 103.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Jun 2022 21:56

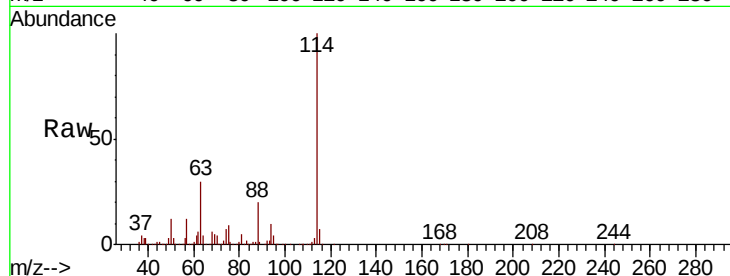
Tot Ion:114 Resp: 2789963

Ion Ratio Lower Upper

114 100

63 29.7 21.7 32.5

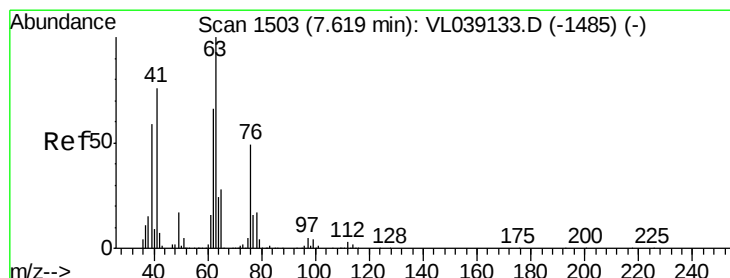
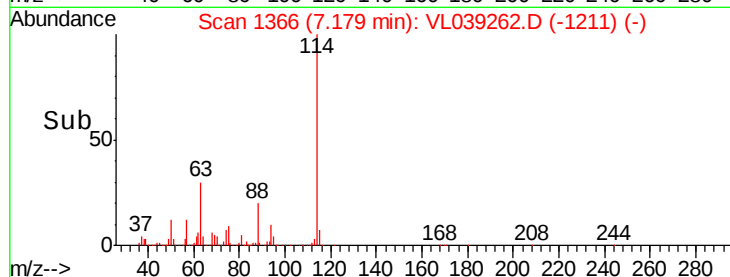
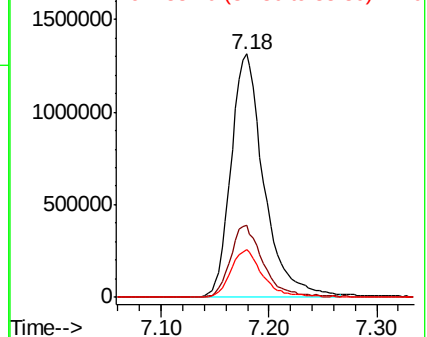
88 19.5 14.8 22.2



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: 8.965 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.44 min

Lab File: VL039262.D

Acq: 13 Jun 2022 21:56

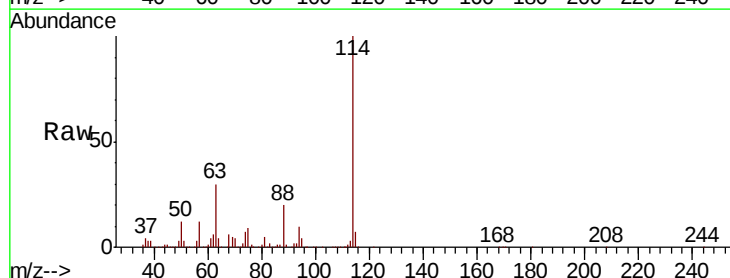
Tgt Ion: 63 Resp: 807698

Ion Ratio Lower Upper

63 100

41 0.1 60.8 91.2#

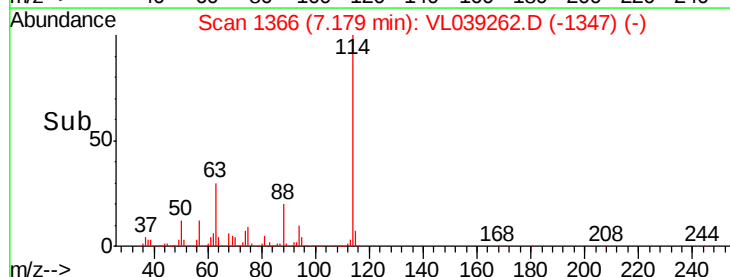
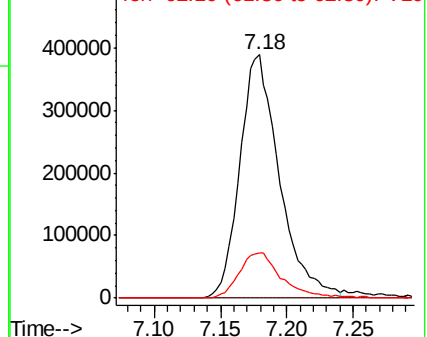
62 18.7 52.9 79.3#

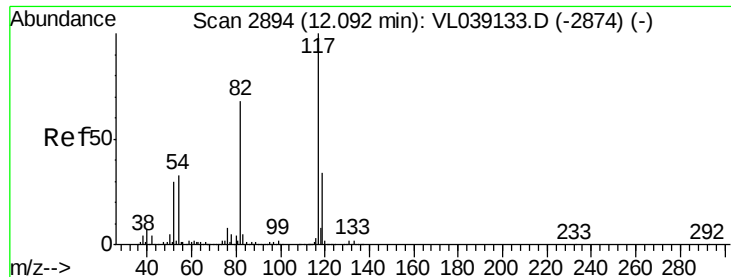


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

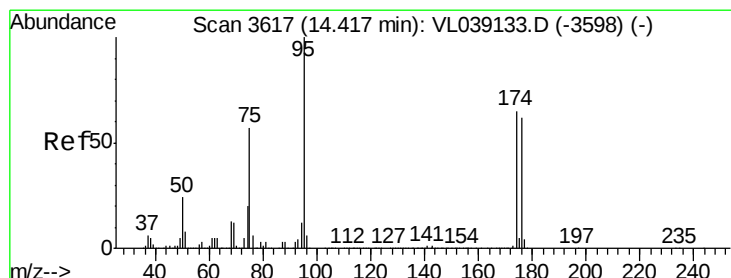
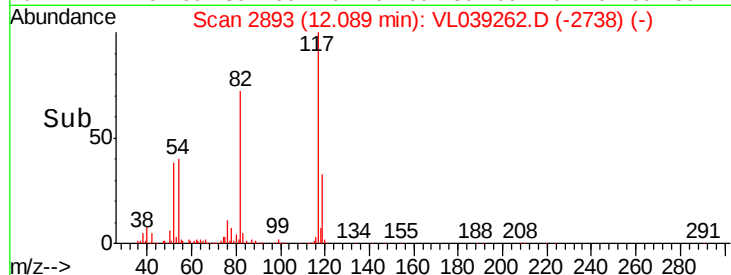
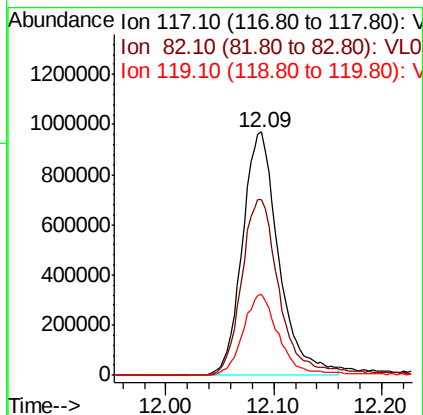
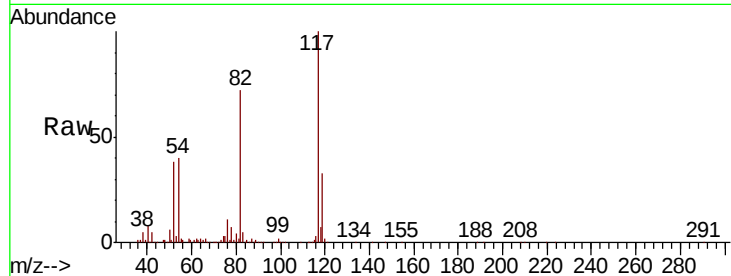




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Jun 2022 21:56

Tot Ion: 117 Resp: 2275399

Ion	Ratio	Lower	Upper
117	100		
82	76.8	55.1	82.7
119	33.6	24.7	37.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.553 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T.: -0.00 min
 Lab File: VL039262.D
 Acq: 13 Jun 2022 21:56

Tgt Ion: 95 Resp: 1985104

Ion	Ratio	Lower	Upper
95	100		
174	60.0	53.8	80.8
175	4.2	4.1	6.1

