

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062722\
 Data File : VL039377.D
 Acq On : 28 Jun 2022 3:37
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jun 28 04:40:11 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	1040304	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	2954048	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2564552	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1861094	8.78	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	87.80%

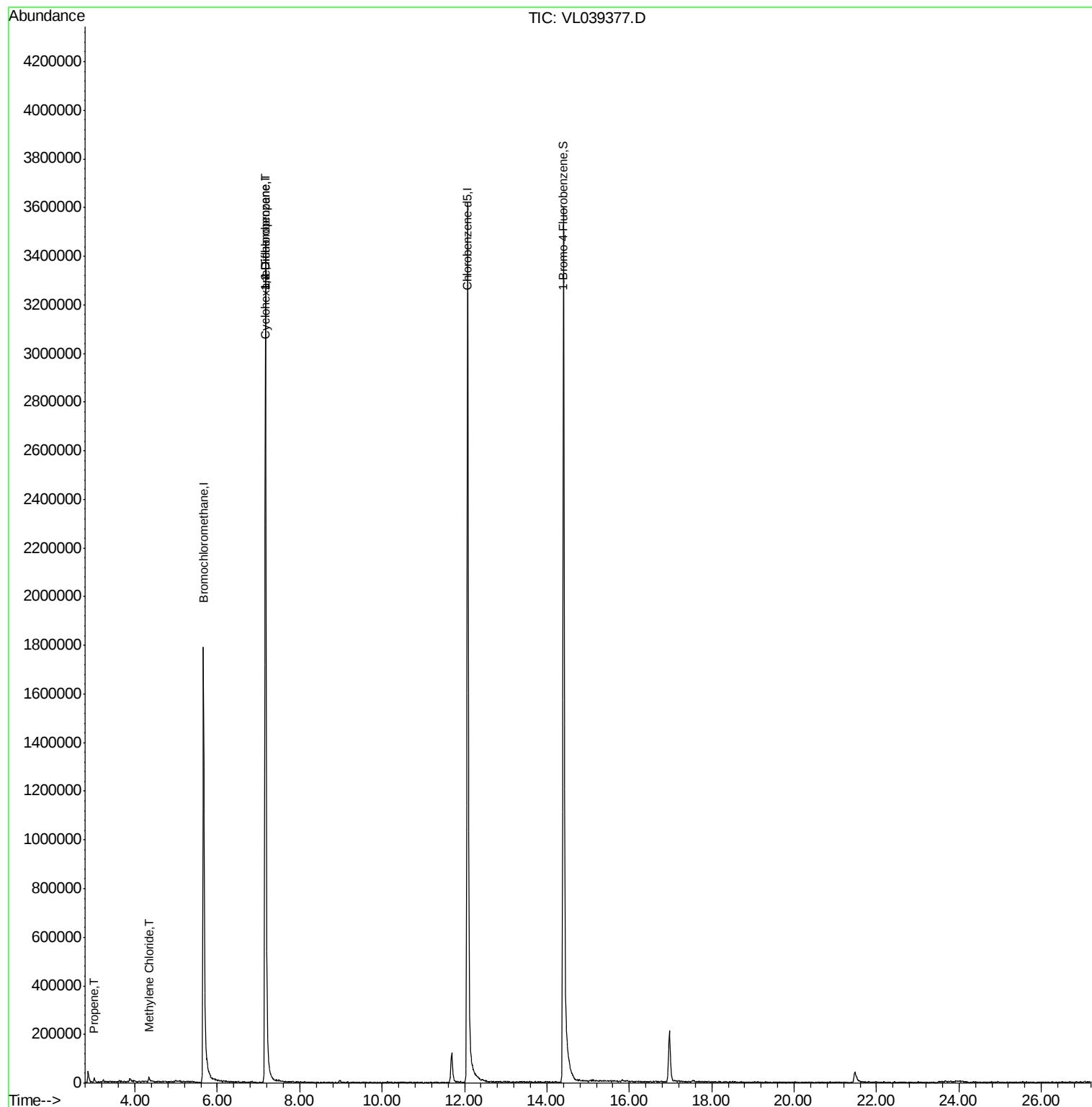
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	5767	0.100	ppbv	95
20) Methylene Chloride	4.35	84	2449	0.054	ppbv #	44
30) Cyclohexane	7.15	84	2972	0.033	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	711102	7.454	ppbv #	24

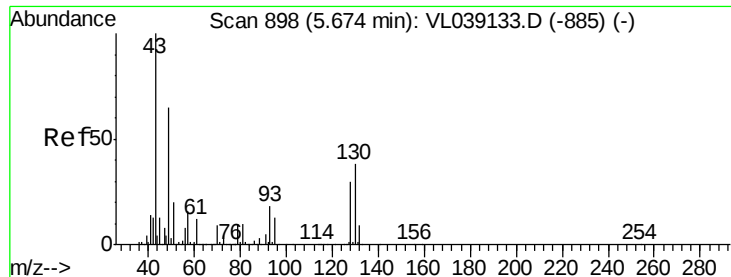
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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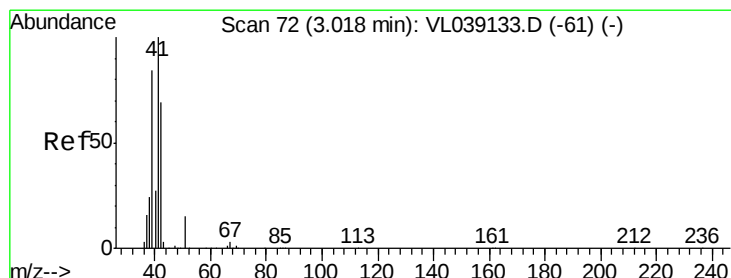
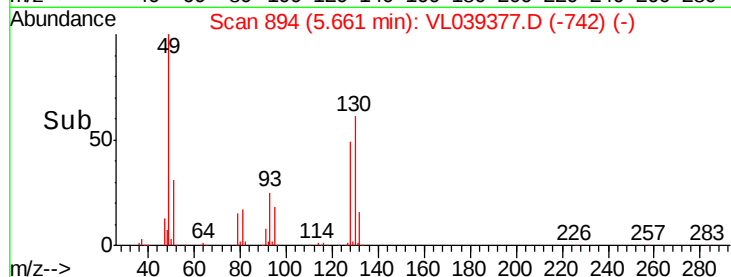
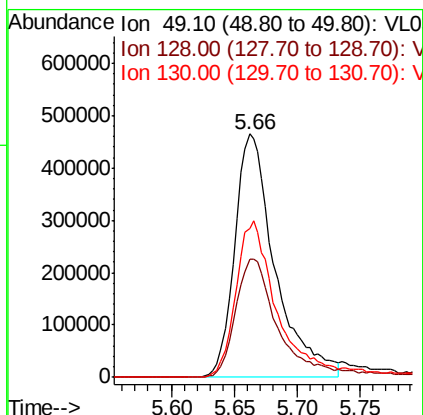
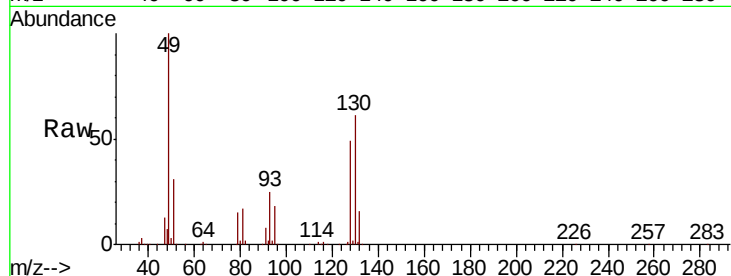
Quant Time: Jun 28 04:40:11 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
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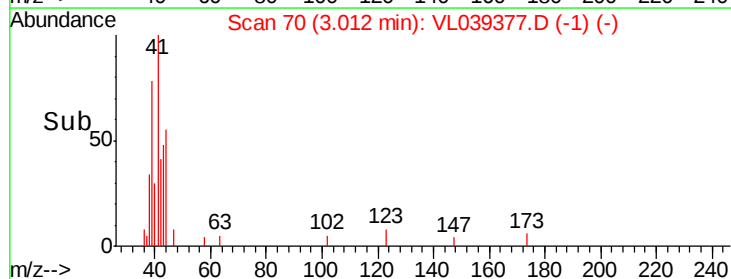
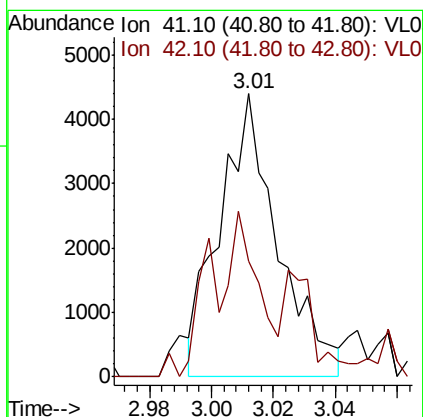
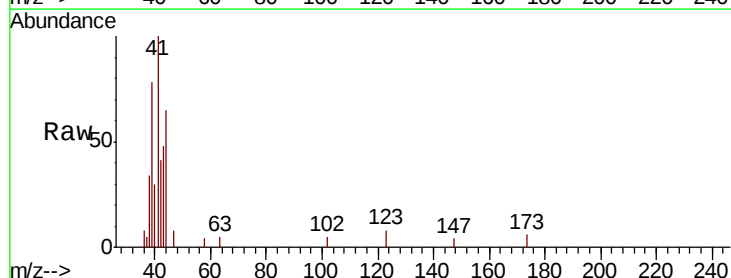
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VIBLK
 Acq: 28 Jun 2022 3:37

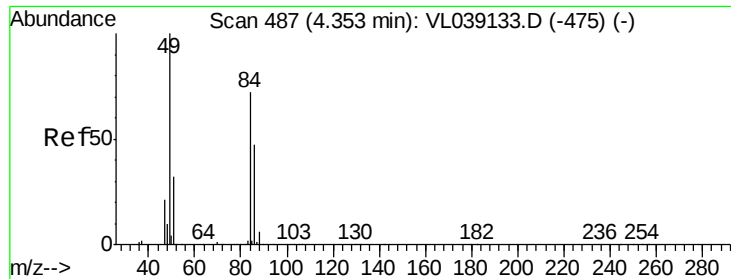
Tot Ion: 49 Resp: 1040304
 Ion Ratio Lower Upper
 49 100
 128 54.6 24.7 74.1
 130 69.7 31.4 94.0



#9
 Propene
 Concen: 0.100 ppbv
 RT: 3.01 min Scan# 70
 Delta R.T. -0.01 min
 Lab File: VL039377.D
 Acq: 28 Jun 2022 3:37

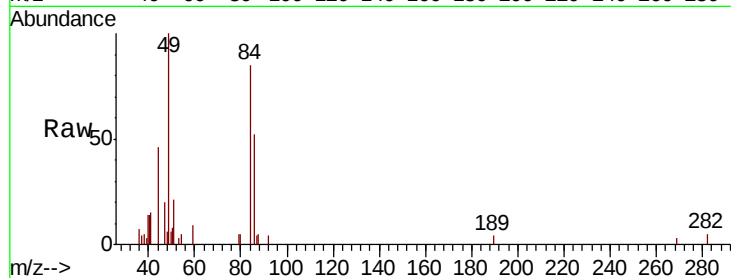
Tgt Ion: 41 Resp: 5767
 Ion Ratio Lower Upper
 41 100
 42 73.4 55.4 83.2



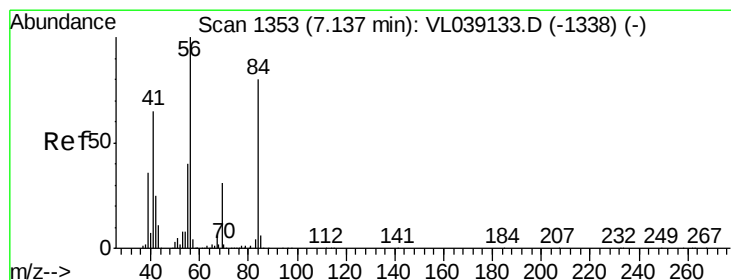
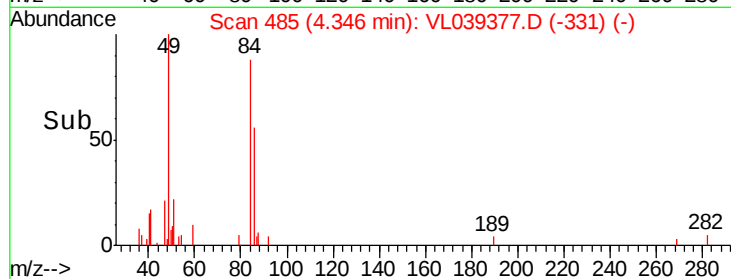
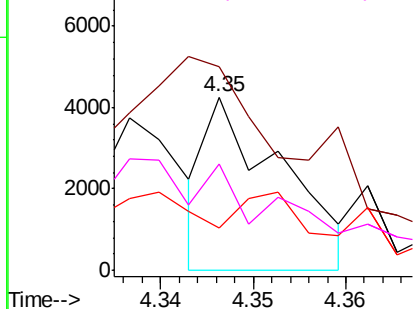


#20
Methvlene Chloride
Concen: 0.054 ppbv
RT: 4.35
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Jun 2022 3:37

Tot Ion: 84 Resp: 2449
Ion Ratio Lower Upper
84 100
49 47.4 111.1 166.7#
51 5.8 35.3 52.9#
86 54.8 51.9 77.9

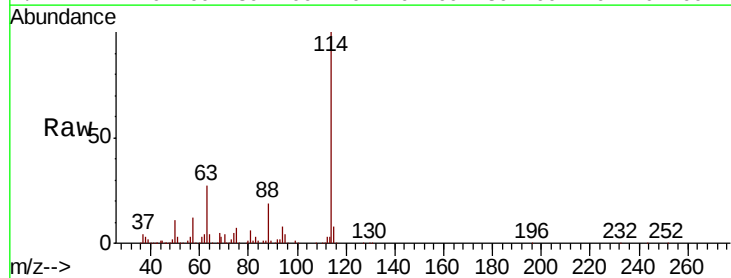


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

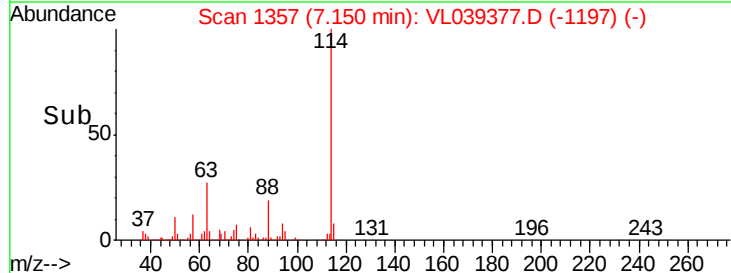
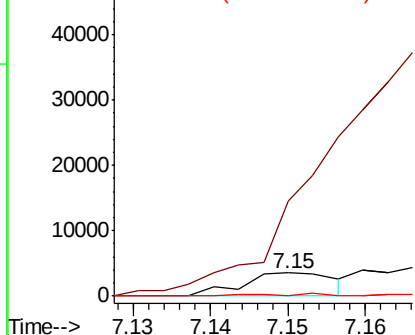


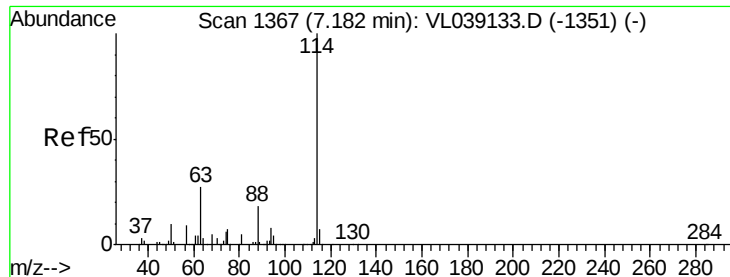
#30
Cyclohexane
Concen: 0.033 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.01 min
Lab File: VL039377.D
Acq: 28 Jun 2022 3:37

Tgt Ion: 84 Resp: 2972
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 12.9 68.9 103.3#



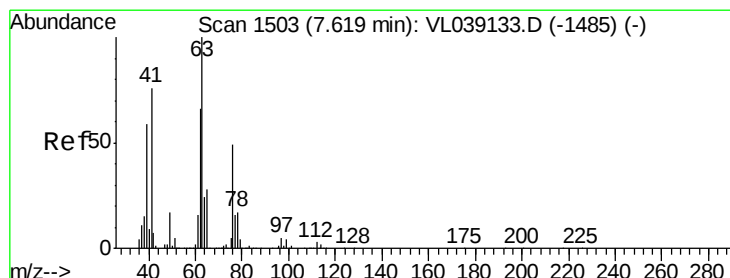
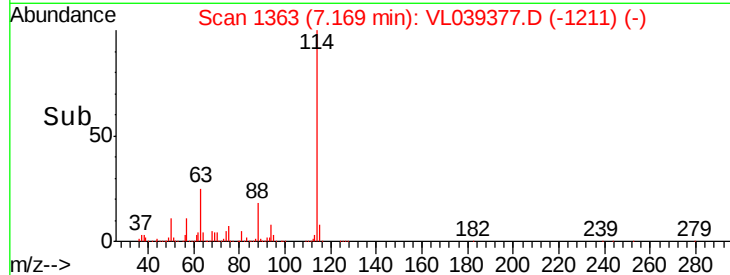
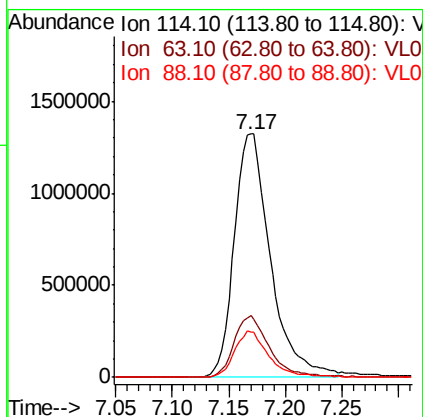
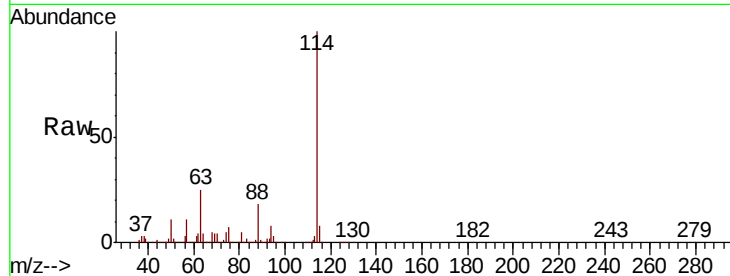
Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0





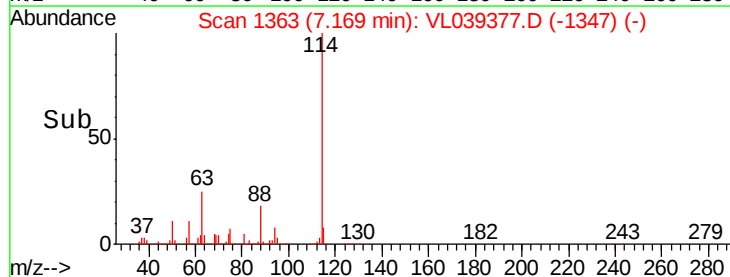
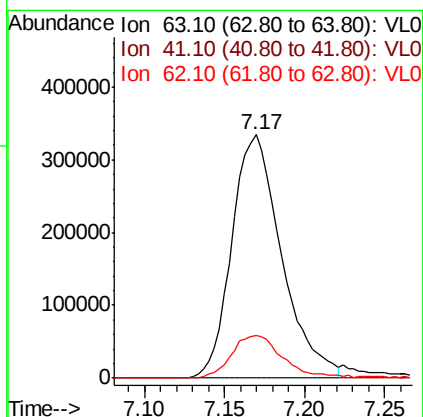
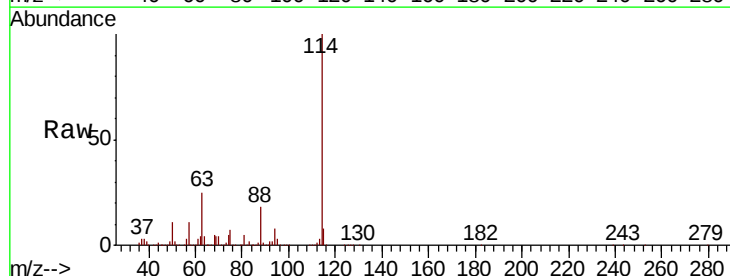
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Jun 2022 3:37

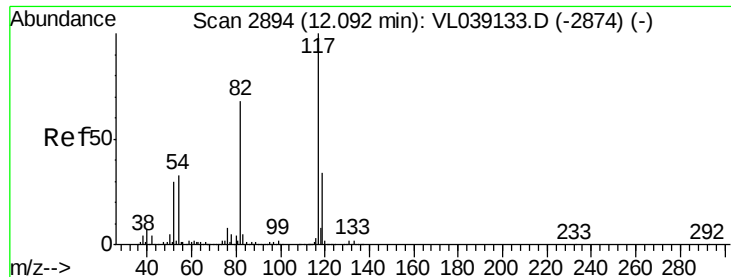
Tot Ion: 114 Resp: 2954048
 Ion Ratio Lower Upper
 114 100
 63 25.2 21.7 32.5
 88 18.4 14.8 22.2



#39
 1,2-Dichloropropane
 Concen: 7.454 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.45 min
 Lab File: VL039377.D
 Acq: 28 Jun 2022 3:37

Tgt Ion: 63 Resp: 711102
 Ion Ratio Lower Upper
 63 100
 41 0.0 60.8 91.2#
 62 17.4 52.9 79.3#

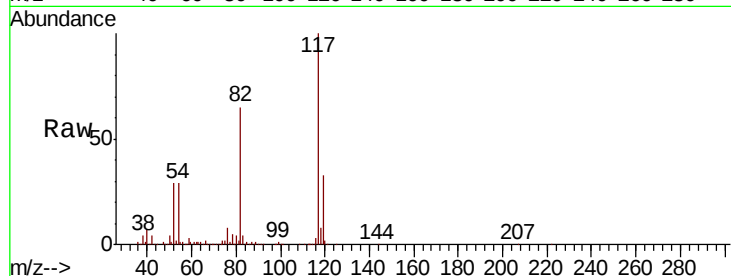




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VIBLK
 Acq: 28 Jun 2022 3:37

Tot Ion: 117 Resp: 2564552

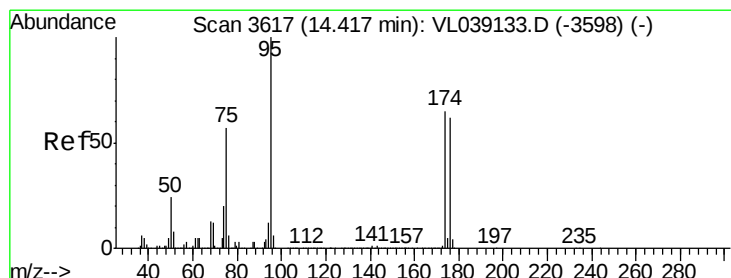
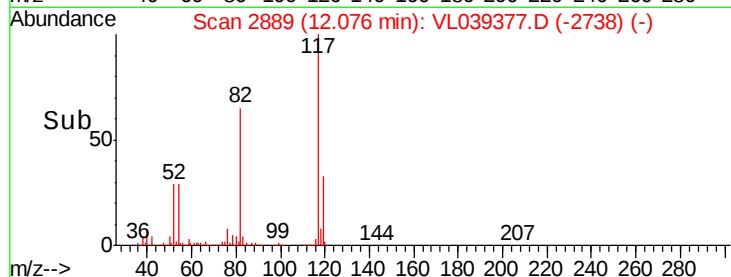
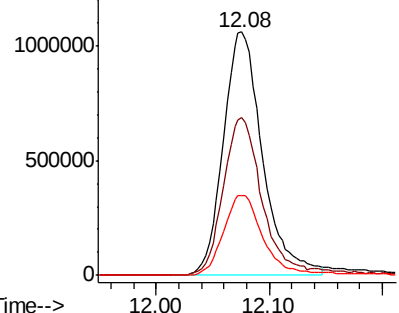
Ion	Ratio	Lower	Upper
117	100		
82	67.3	55.1	82.7
119	34.4	24.7	37.1



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

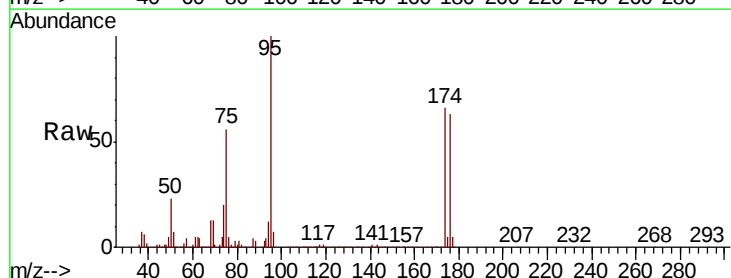
Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.778 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T.: -0.02 min
 Lab File: VL039377.D
 Acq: 28 Jun 2022 3:37

Tgt Ion: 95 Resp: 1861094

Ion	Ratio	Lower	Upper
95	100		
174	73.2	53.8	80.8
175	5.2	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

