

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060822\
 Data File : VL039234.D
 Acq On : 8 Jun 2022 14:21
 Operator : SY/AP
 Sample : QC060722 CAN 10285
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC060722 CAN 10285

Quant Time: Jun 09 06:38:55 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	5.68	49	1119926	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2842595	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2335466	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1927866	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

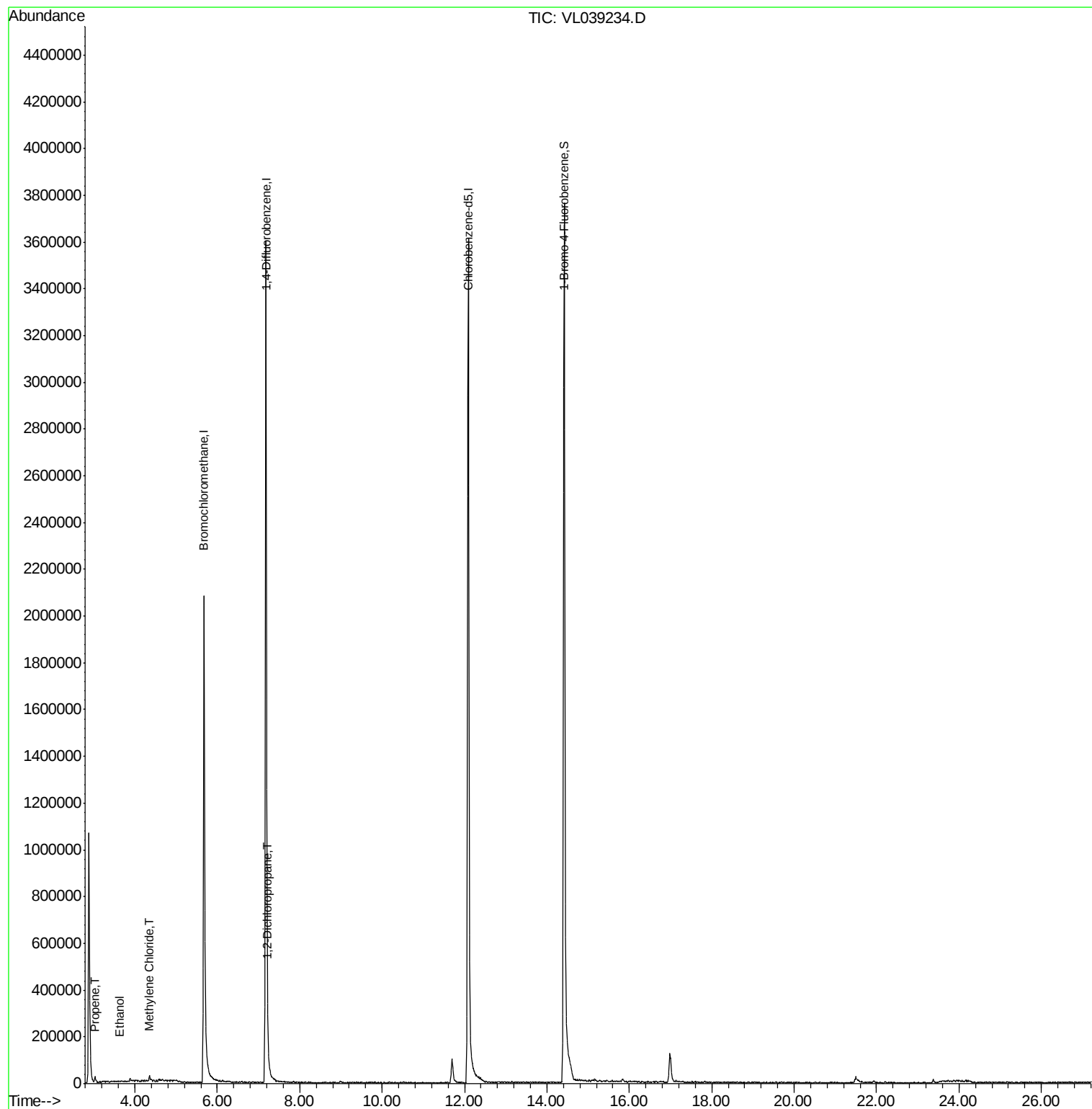
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	2646	0.043	ppbv #	1
13) Ethanol	3.62	45	301	0.089	ppbv #	100
20) Methylene Chloride	4.35	84	7270	0.148	ppbv #	94
39) 1,2-Dichloropropane	7.23	63	11130	0.121	ppbv #	19

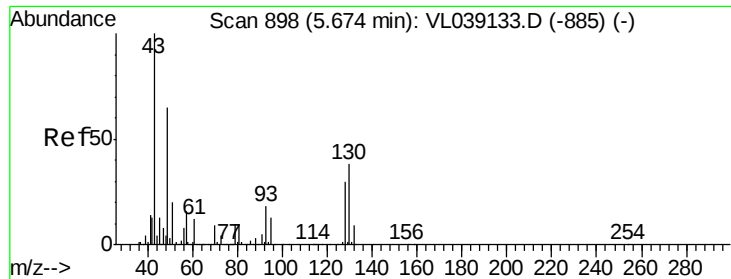
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_L
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QC060722 CAN 10285

Quant Time: Jun 09 06:38:55 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
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QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 8 Jun 2022 14:21 QC060722 CAN 10285

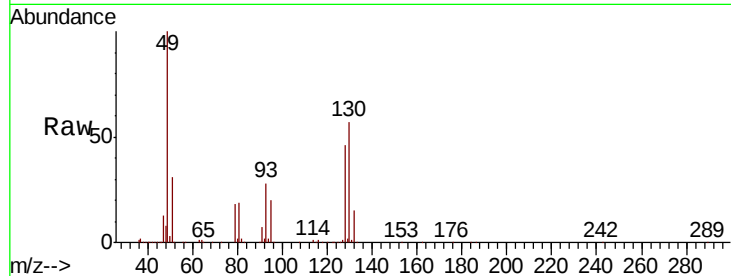
Tot Ion: 49 Resp: 1119926

Ion Ratio Lower Upper

49 100

128 51.0 24.7 74.1

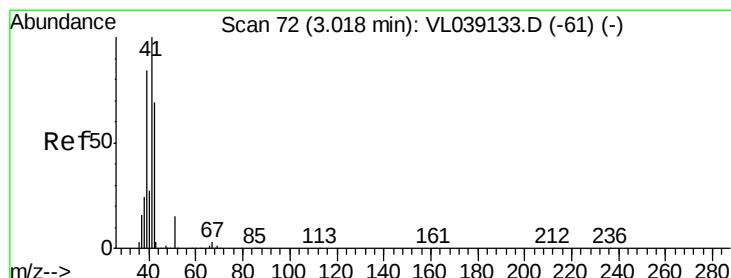
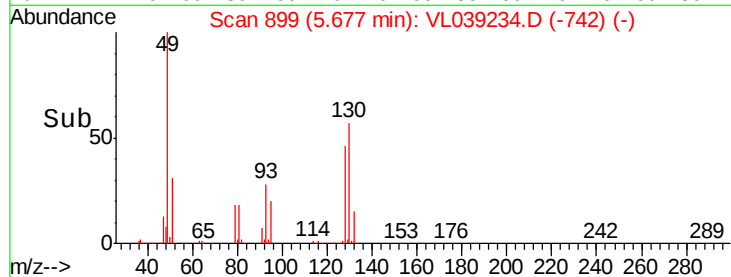
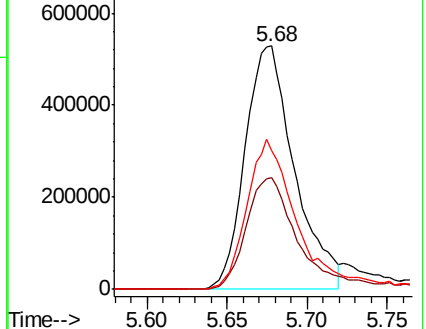
130 65.9 31.4 94.0



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



#9

Propene

Concen: 0.043 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.00 min

Lab File: VL039234.D

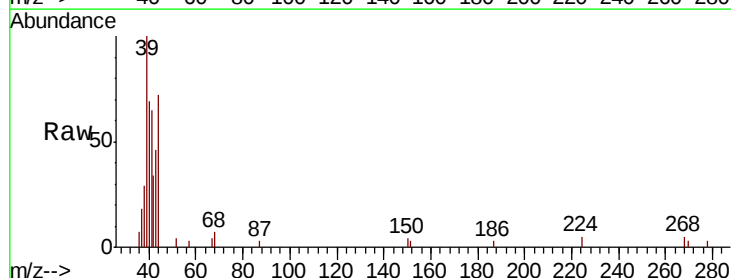
Acq: 8 Jun 2022 14:21

Tgt Ion: 41 Resp: 2646

Ion Ratio Lower Upper

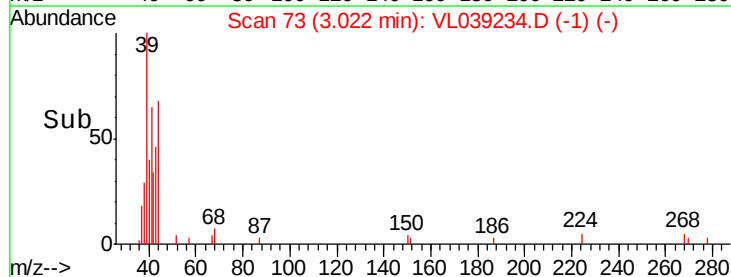
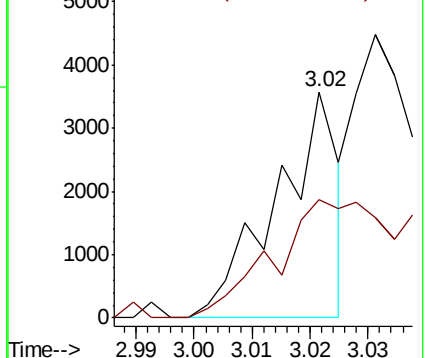
41 100

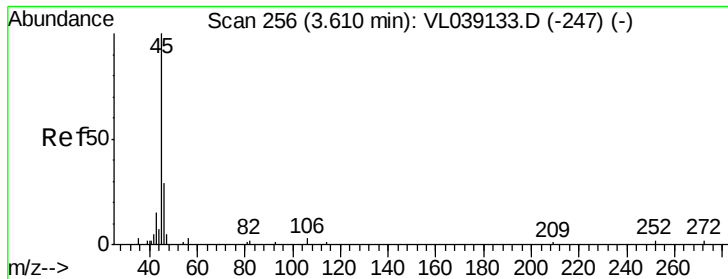
42 154.5 55.4 83.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

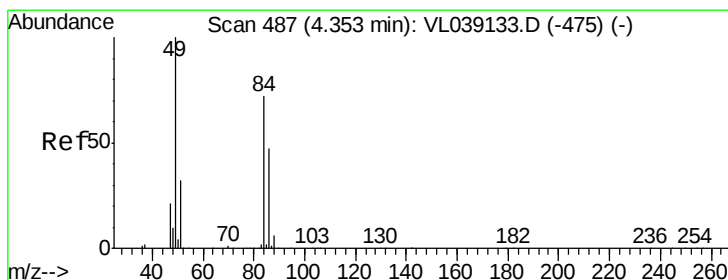
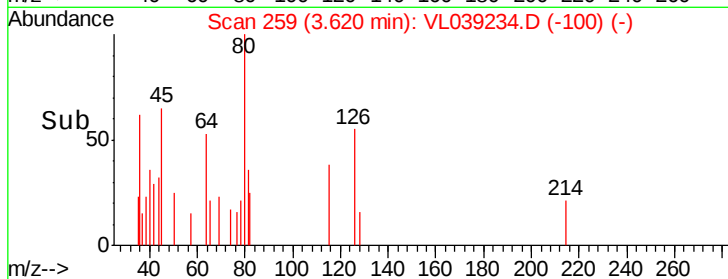
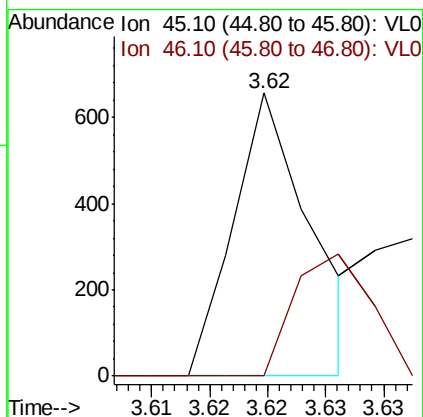
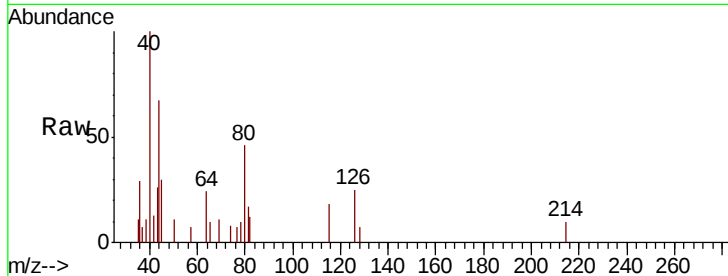
Ion 42.10 (41.80 to 42.80): VL0





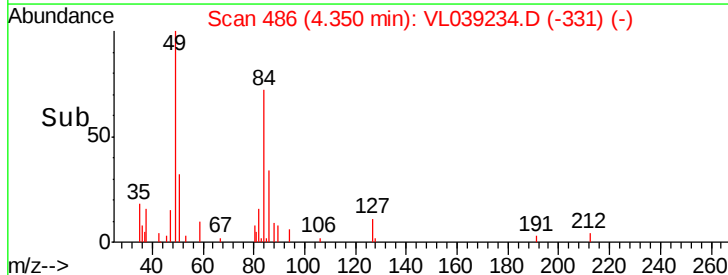
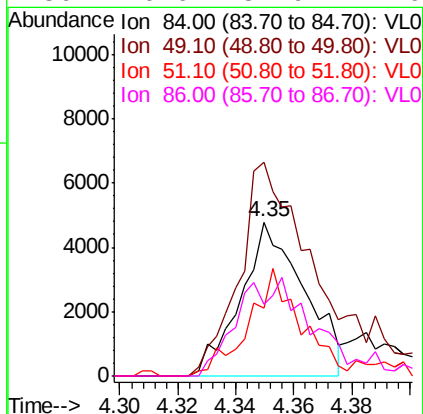
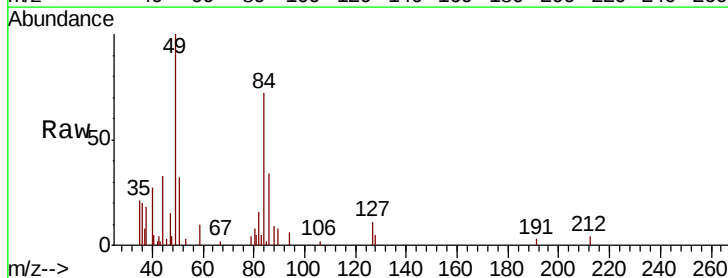
#13
Ethanol
Concen: 0.089 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Jun 2022 14:21
QC060722 CAN 10285

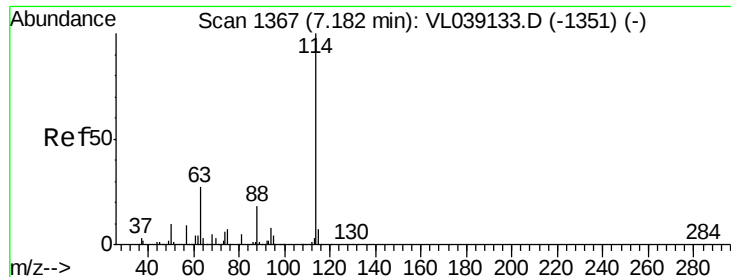
Tot Ion: 45 Resp: 301
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0



#20
Methylene Chloride
Concen: 0.148 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.00 min
Lab File: VL039234.D
Acq: 8 Jun 2022 14:21

Tgt Ion: 84 Resp: 7270
Ion Ratio Lower Upper
84 100
49 138.5 111.1 166.7
51 44.2 35.3 52.9
86 46.6 51.9 77.9#

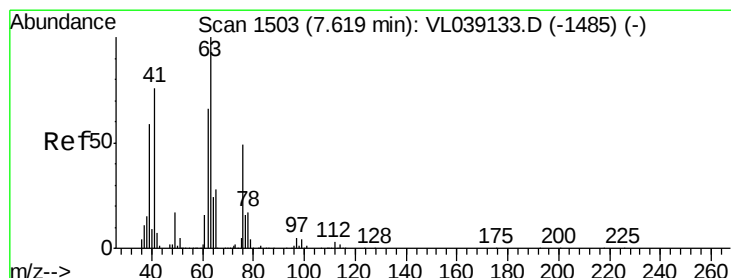
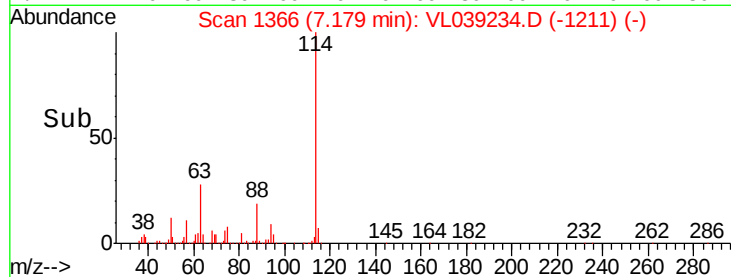
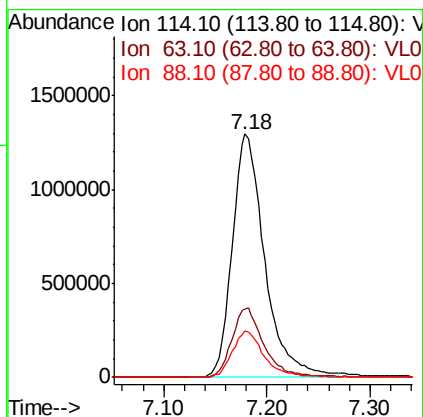
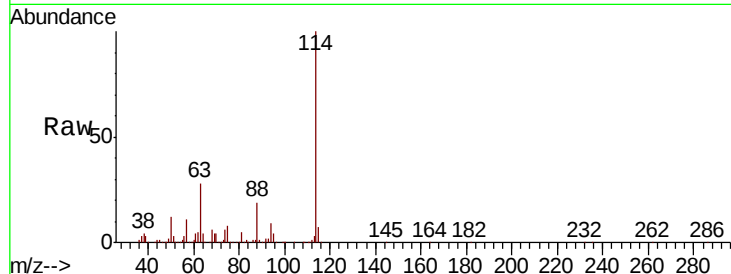




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 QC060722 CAN 10285
 Acq: 8 Jun 2022 14:21

Tot Ion: 114 Resp: 2842595

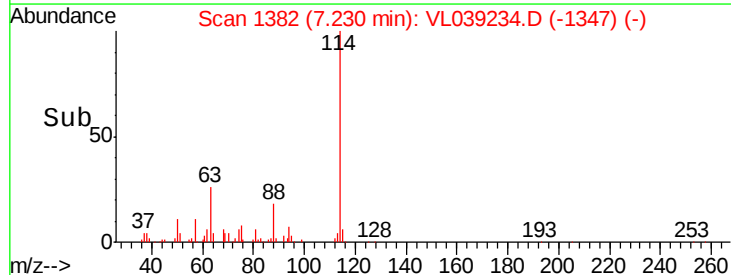
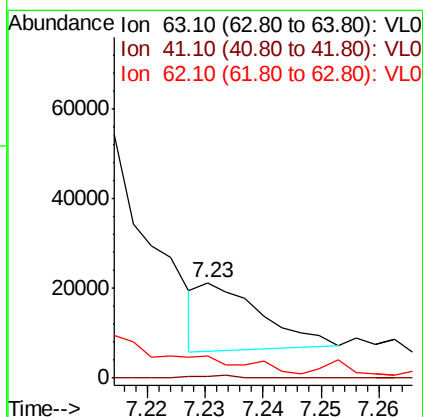
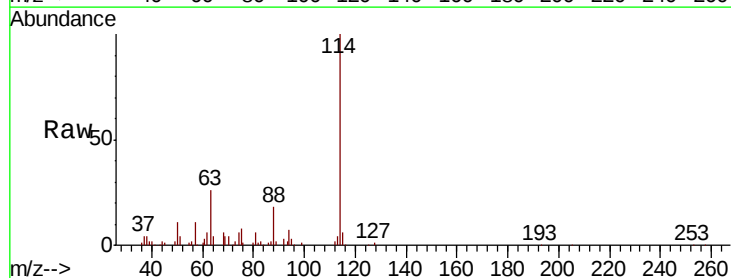
Ion	Ratio	Lower	Upper
114	100		
63	28.4	21.7	32.5
88	18.9	14.8	22.2

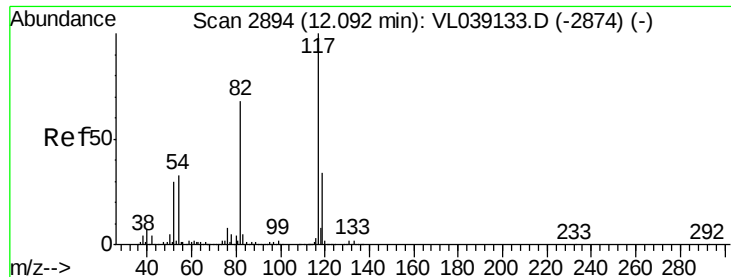


#39
 1,2-Dichloropropane
 Concen: 0.121 ppbv
 RT: 7.23 min Scan# 1382
 Delta R.T.: -0.39 min
 Lab File: VL039234.D
 Acq: 8 Jun 2022 14:21

Tgt Ion: 63 Resp: 11130

Ion	Ratio	Lower	Upper
63	100		
41	2.4	60.8	91.2#
62	6.8	52.9	79.3#

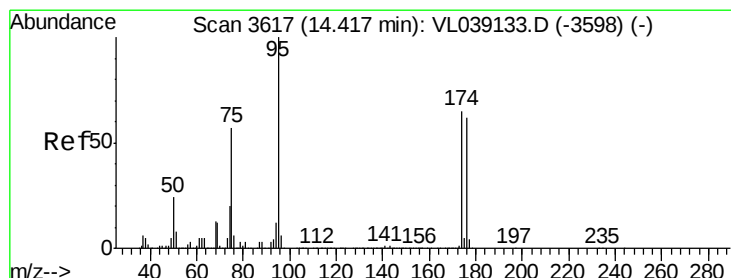
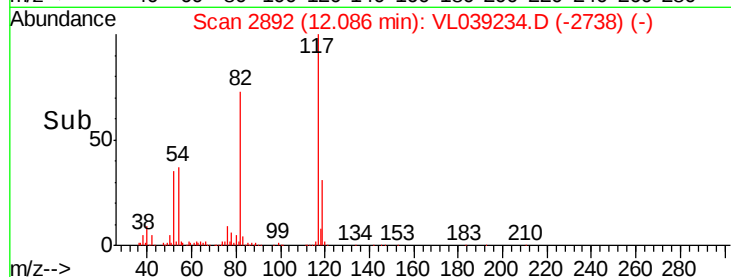
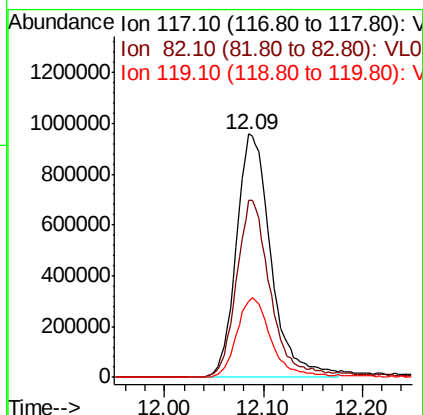
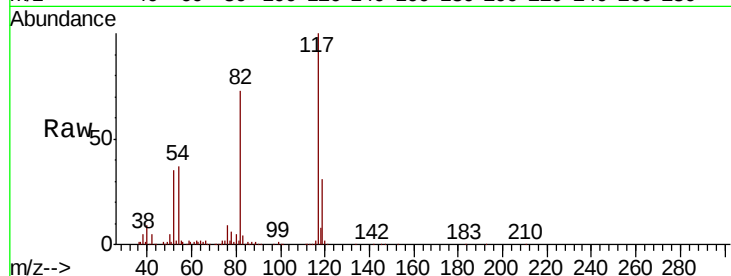




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : QC060722 CAN 10285
Acq: 8 Jun 2022 14:21

Tot Ion: 117 Resp: 2335466

Ion	Ratio	Lower	Upper
117	100		
82	73.3	55.1	82.7
119	33.4	24.7	37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.985 ppbv
RT: 14.42 min Scan# 3617
Delta R.T.: 0.00 min
Lab File: VL039234.D
Acq: 8 Jun 2022 14:21

Tgt Ion: 95 Resp: 1927866

Ion	Ratio	Lower	Upper
95	100		
174	62.2	53.8	80.8
175	4.2	4.1	6.1

