

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072022\
 Data File : VL039511.D
 Acq On : 20 Jul 2022 15:17
 Operator : SY/AP
 Sample : VL0720ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0720ABL01

Quant Time: Jul 21 06:05:07 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	951761	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	2671798	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	2294430	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1628919	9.57	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.70%

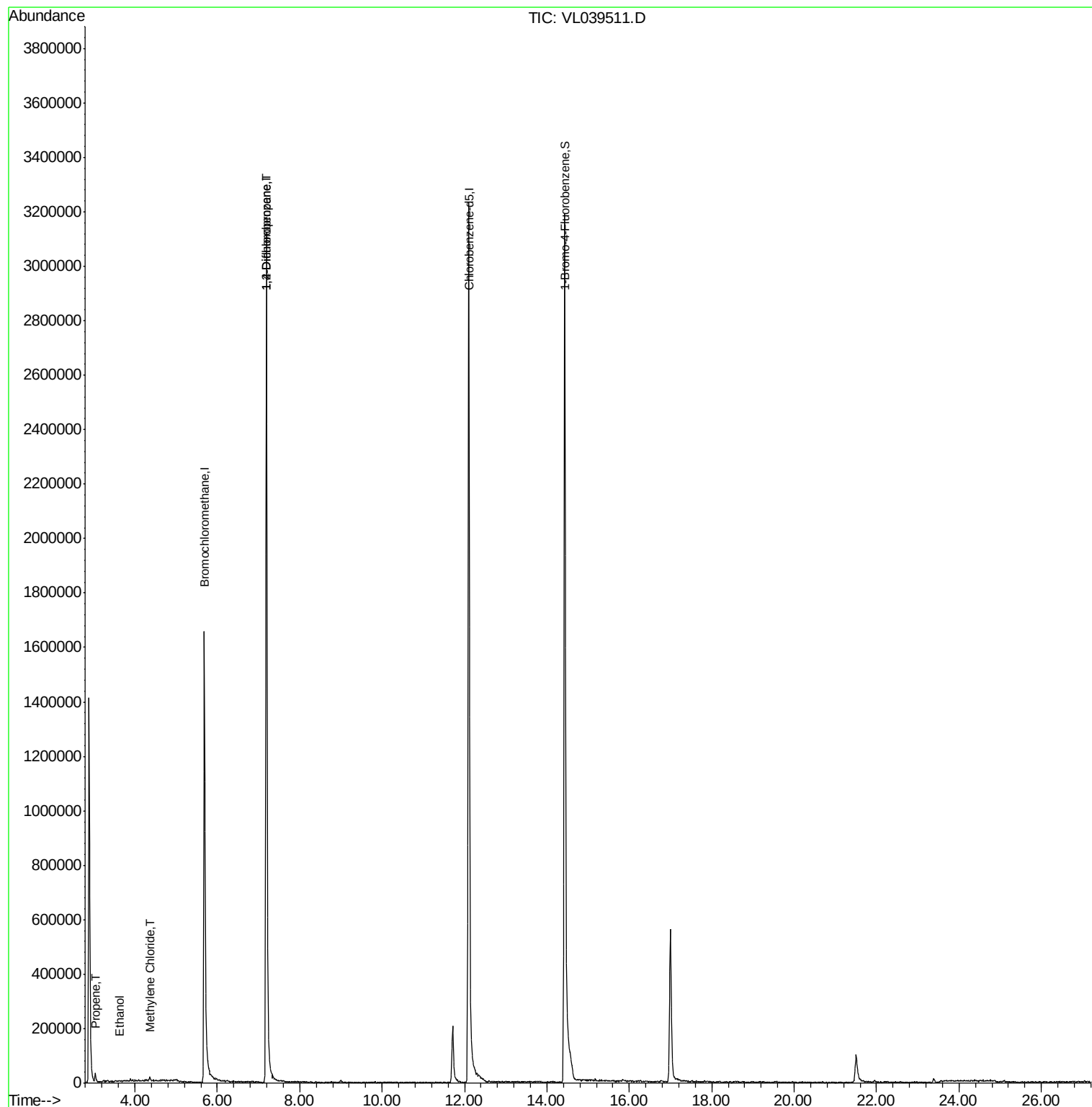
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	3693	0.068	ppbv #	1
13) Ethanol	3.63	45	289	0.091	ppbv #	23
20) Methylene Chloride	4.35	84	1416	0.032	ppbv #	56
39) 1,2-Dichloropropane	7.19	63	639385	8.277	ppbv #	26

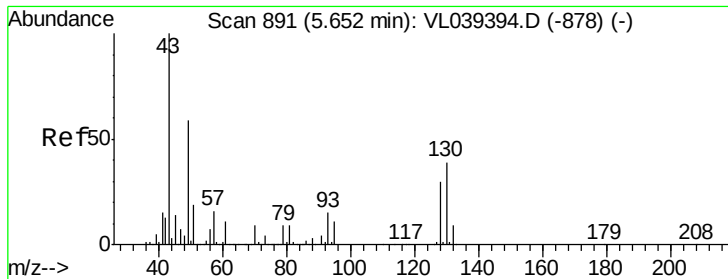
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_L
ClientSampleId :
VL0720ABL01

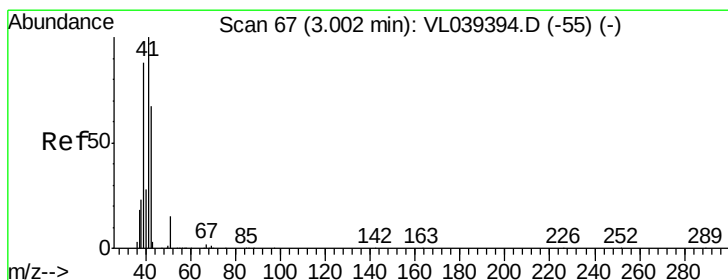
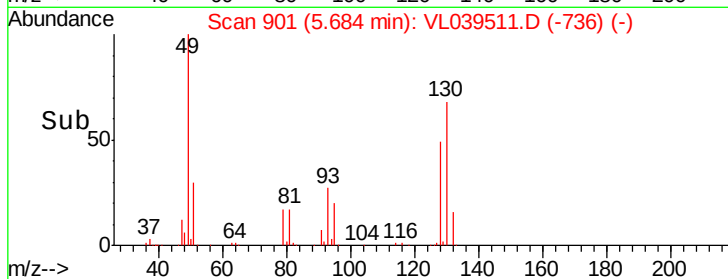
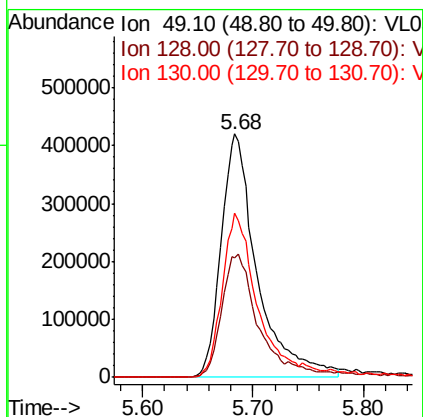
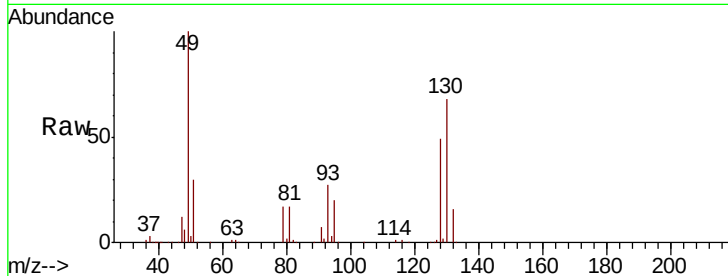
Quant Time: Jul 21 06:05:07 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 06 02:15:38 2022
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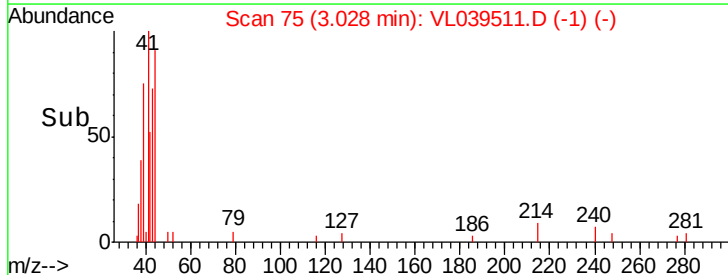
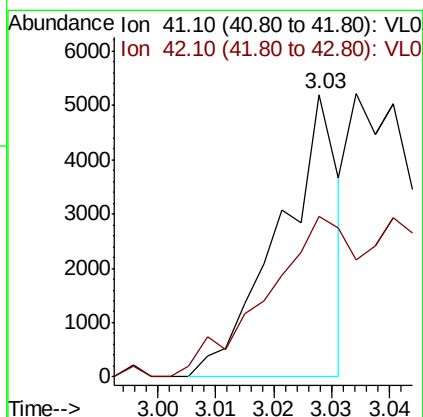
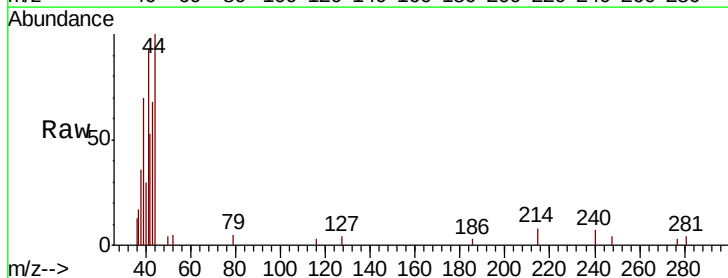
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0720ABL01
 Acq: 20 Jul 2022 15:17

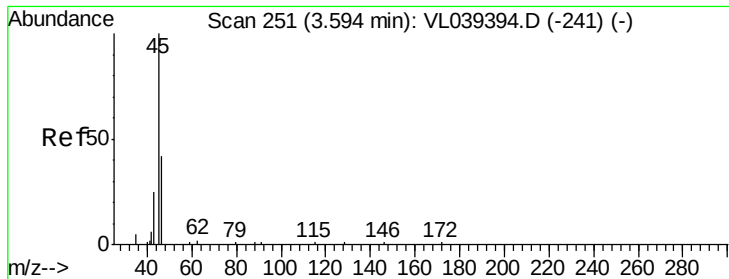
Tot Ion: 49 Resp: 951761
 Ion Ratio Lower Upper
 49 100
 128 55.4 26.7 80.0
 130 68.9 34.3 102.8



#9
 Propene
 Concen: 0.068 ppbv
 RT: 3.03 min Scan# 75
 Delta R.T. 0.03 min
 Lab File: VL039511.D
 Acq: 20 Jul 2022 15:17

Tgt Ion: 41 Resp: 3693
 Ion Ratio Lower Upper
 41 100
 42 166.4 55.2 82.8#





#13

Ethanol

Concen: 0.091 ppbv

RT: 3.63 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

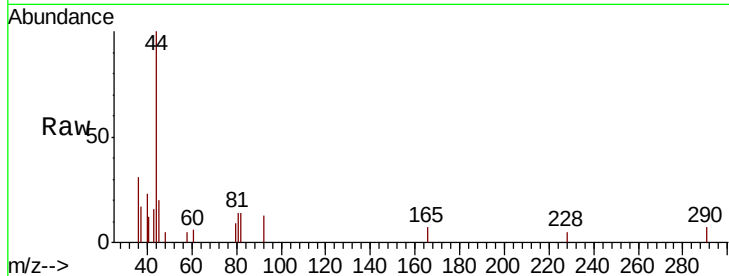
Acq: 20 Jul 2022 15:17

Tot Ion: 45 Resp: 289

Ion Ratio Lower Upper

45 100

46 0.0 22.8 91.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

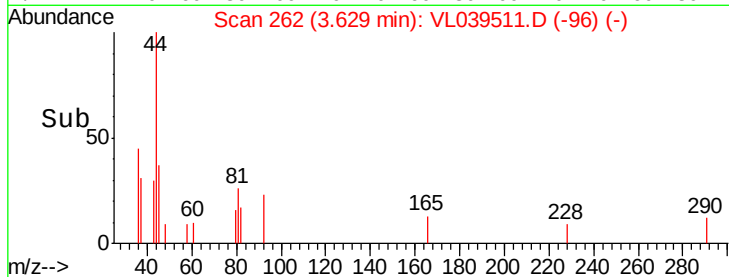
3.63

3.63

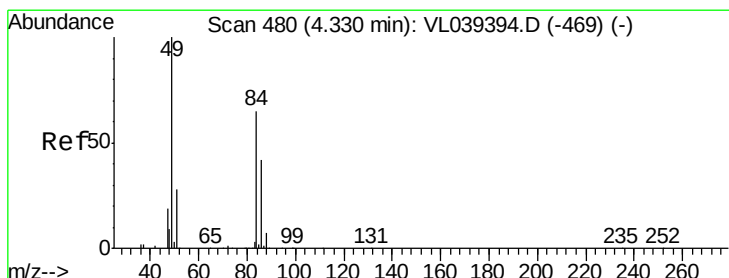
3.63

3.63

3.64



Time-->



#20

Methylene Chloride

Concen: 0.032 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.02 min

Lab File: VL039511.D

Acq: 20 Jul 2022 15:17

Tgt Ion: 84 Resp: 1416

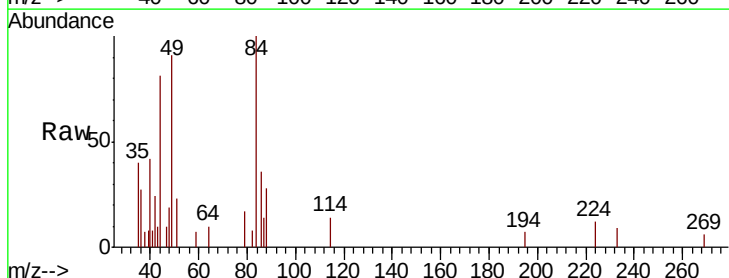
Ion Ratio Lower Upper

84 100

49 91.4 123.1 184.7#

51 15.7 34.4 51.6#

86 36.0 51.1 76.7#



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

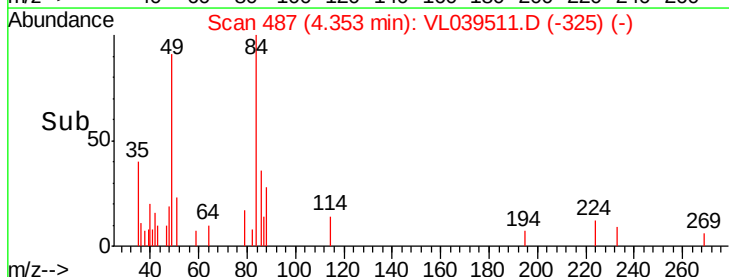
Ion 86.00 (85.70 to 86.70): VL0

4.35

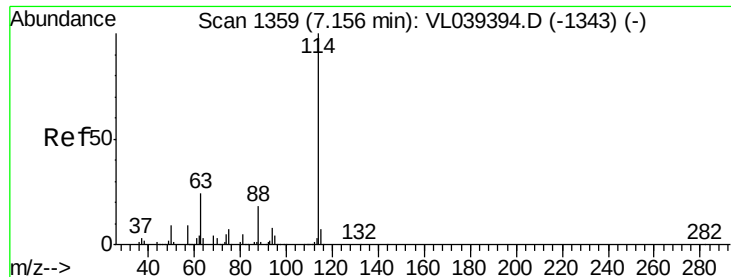
4.35

4.35

4.36

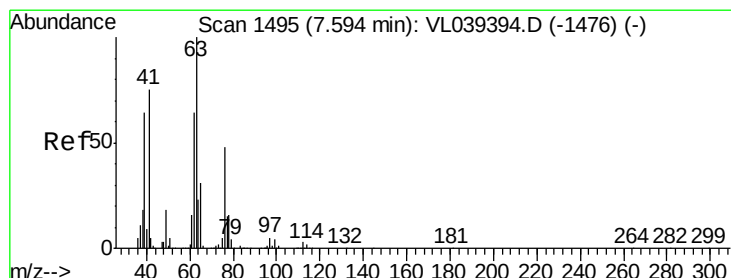
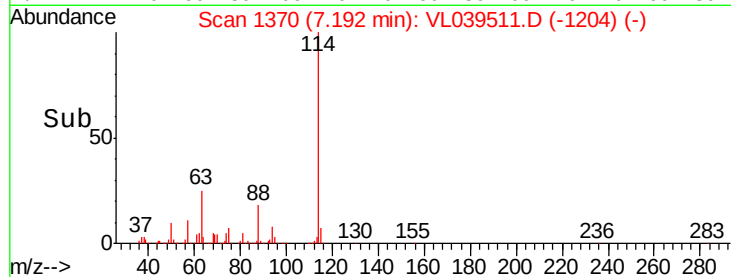
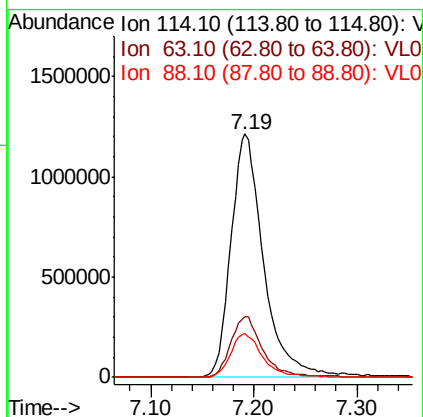
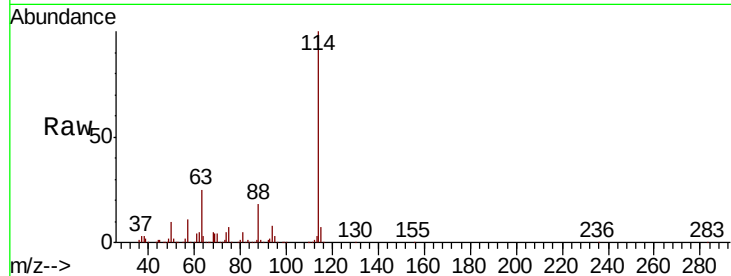


Time-->



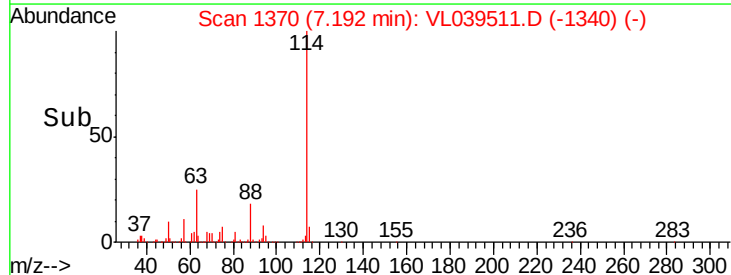
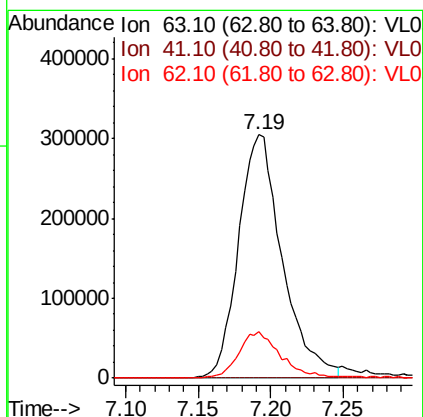
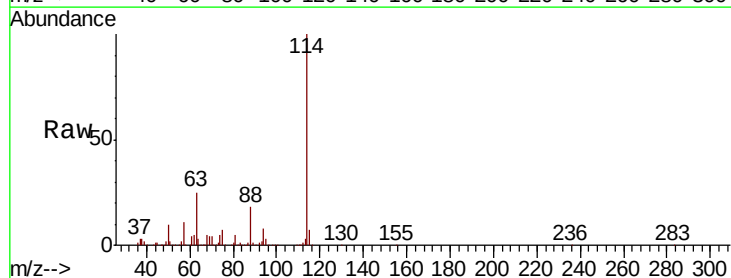
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0720ABL01
 Acq: 20 Jul 2022 15:17

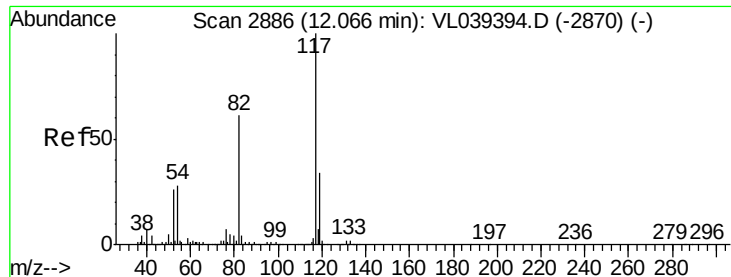
Tot Ion:	114	Resp:	2671798
Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.2	30.4
88	18.0	14.5	21.7



#39
 1,2-Dichloropropane
 Concen: 8.277 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.40 min
 Lab File: VL039511.D
 Acq: 20 Jul 2022 15:17

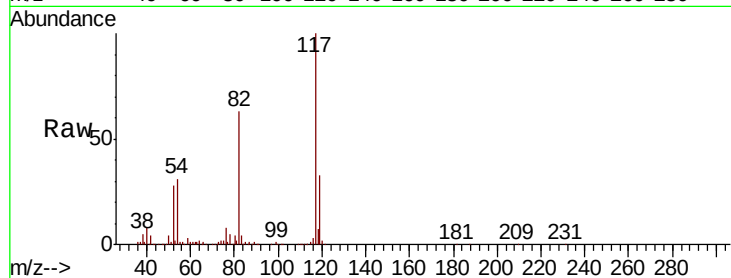
Tgt Ion:	63	Resp:	639385
Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	19.0	51.4	77.0#



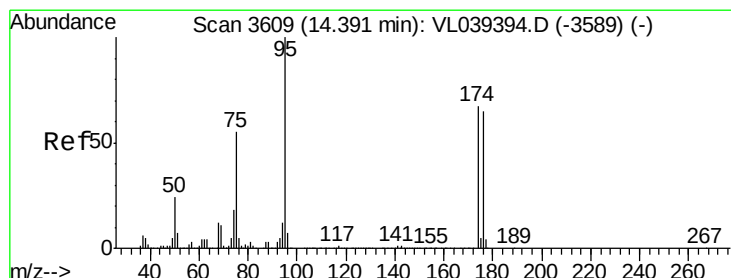
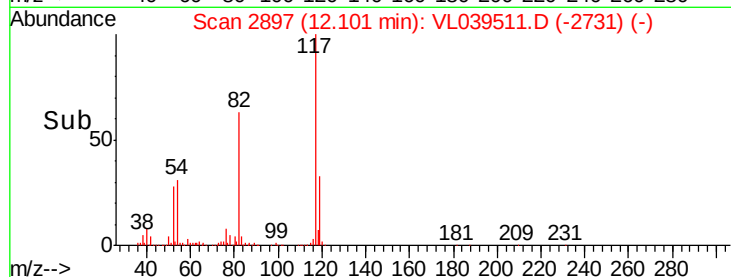
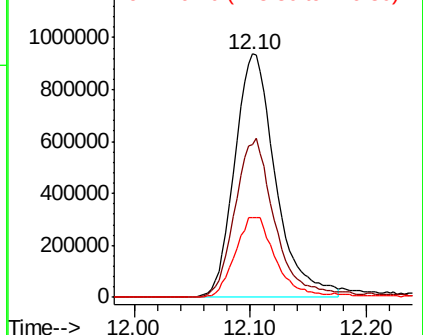


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0720ABL01
Acq: 20 Jul 2022 15:17

Tot Ion:117 Resp: 2294430
Ion Ratio Lower Upper
117 100
82 66.8 50.8 76.2
119 33.9 24.1 36.1

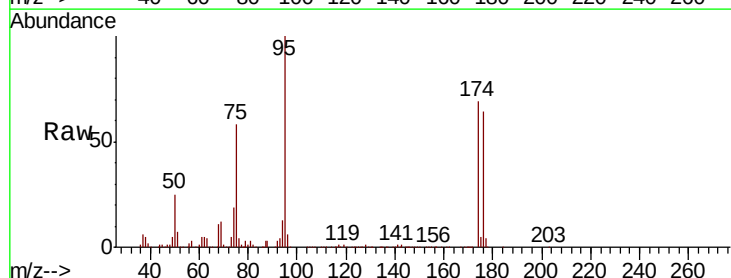


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.570 ppbv
RT: 14.44 min Scan# 3623
Delta R.T.: 0.04 min
Lab File: VL039511.D
Acq: 20 Jul 2022 15:17

Tgt Ion: 95 Resp: 1628919
Ion Ratio Lower Upper
95 100
174 77.7 55.9 83.9
175 5.6 4.2 6.4



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

