

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
 Data File : VL037867.D
 Acq On : 19 Oct 2021 00:21
 Operator : SY/AP
 Sample : CAN 10267
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10267

Quant Time: Oct 19 08:35:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1139118	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3479321	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2830032	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2029116	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

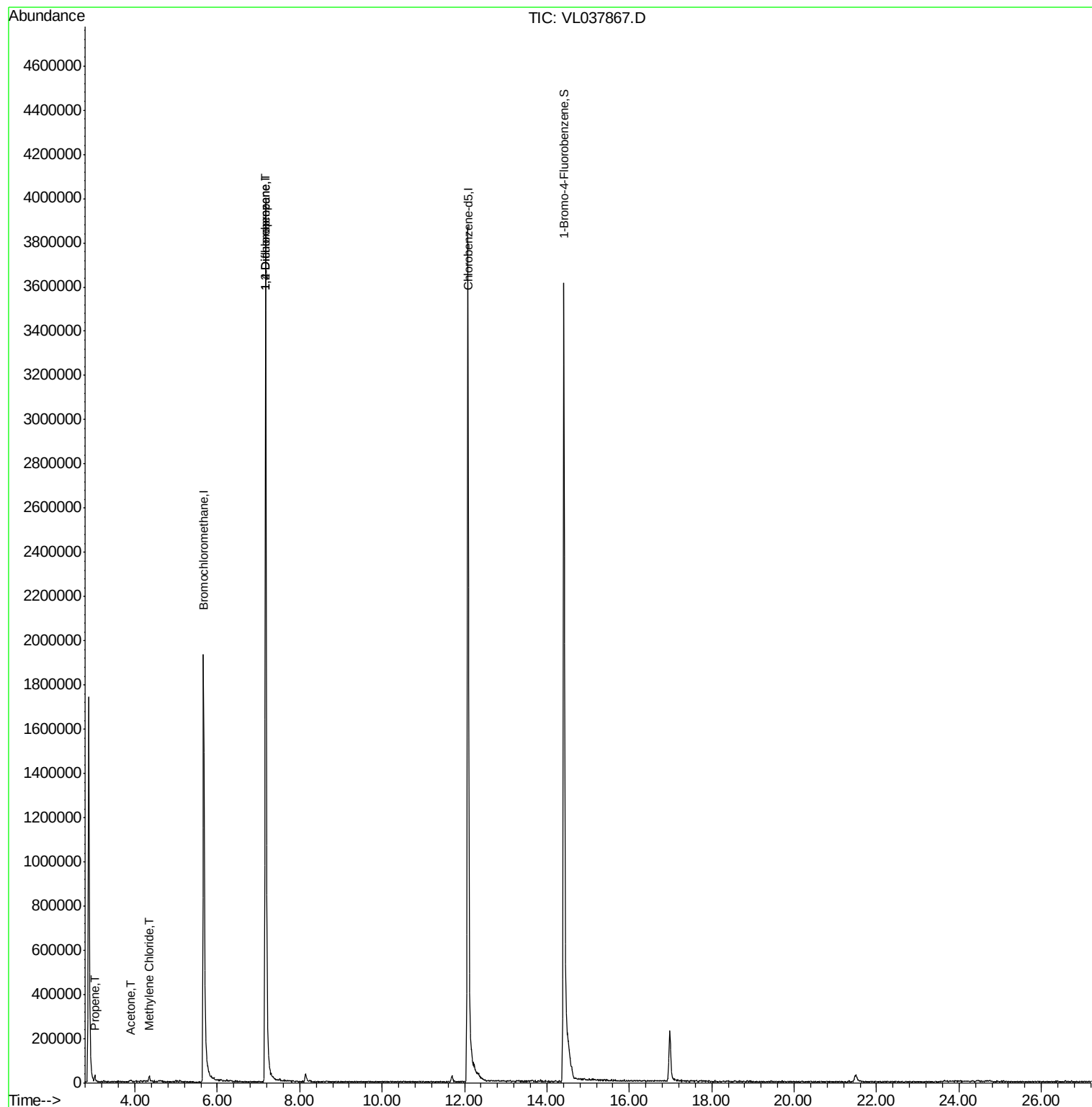
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	8168	0.101	ppbv	98
15) Acetone	3.89	43	2292	0.022	ppbv #	46
20) Methylene Chloride	4.35	84	5046	0.098	ppbv #	61
39) 1,2-Dichloropropane	7.17	63	813569	7.278	ppbv #	29

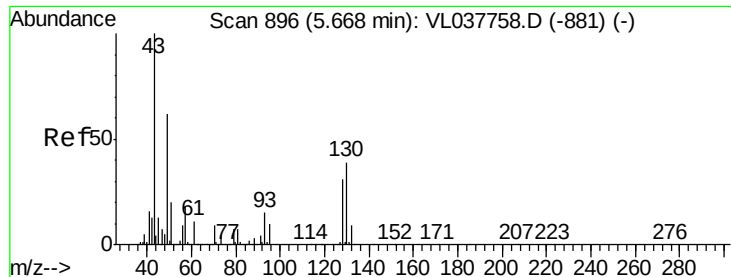
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: CAN 10267

Acq: 19 Oct 2021 00:21

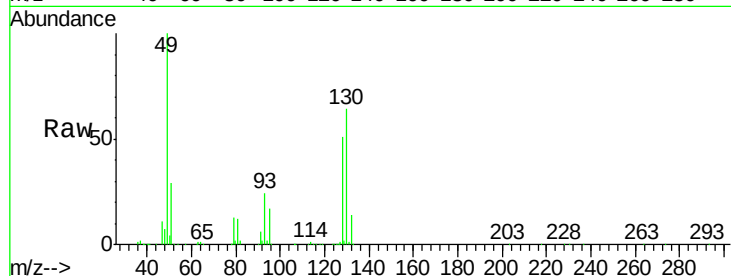
Tgt Ion: 49 Resp: 1139118

Ion Ratio Lower Upper

49 100

128 56.7 27.1 81.3

130 69.9 33.2 99.6



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

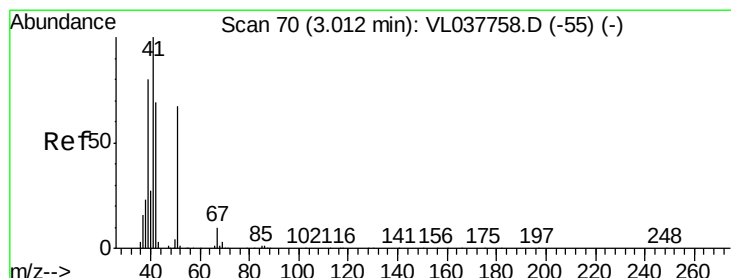
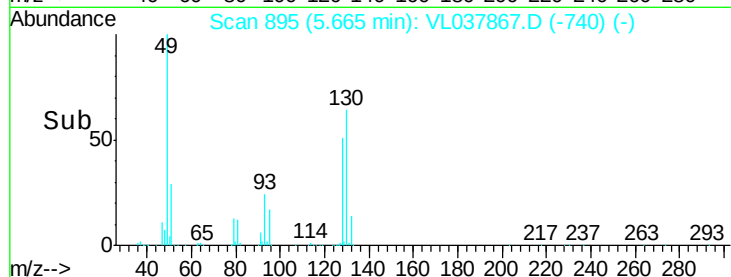
600000

400000

200000

0

Time-->



#9

Propene

Concen: 0.101 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL037867.D

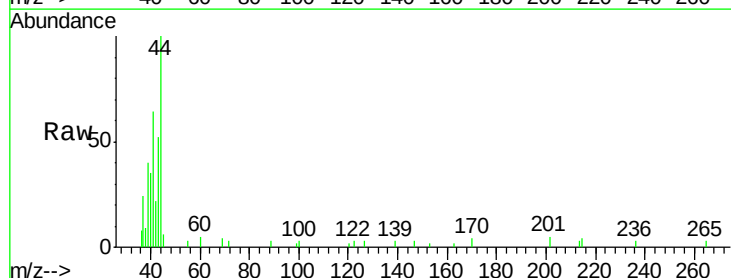
Acq: 19 Oct 2021 00:21

Tgt Ion: 41 Resp: 8168

Ion Ratio Lower Upper

41 100

42 69.0 54.2 81.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.02

6000

5000

4000

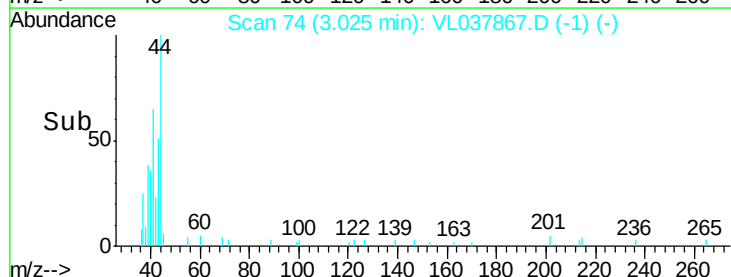
3000

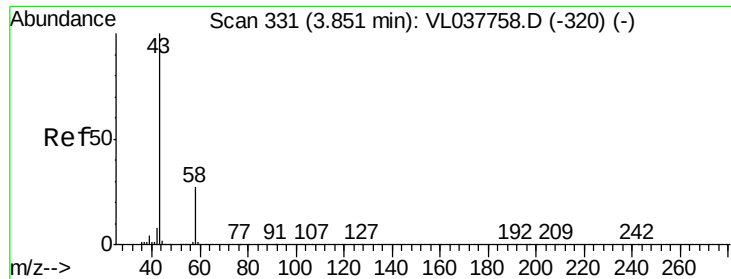
2000

1000

0

Time-->





#15

Acetone

Concen: 0.022 ppbv

RT: 3.89 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

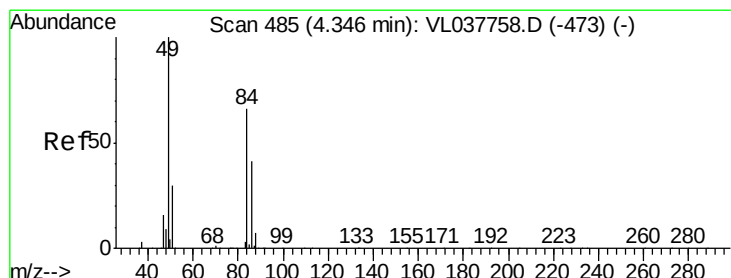
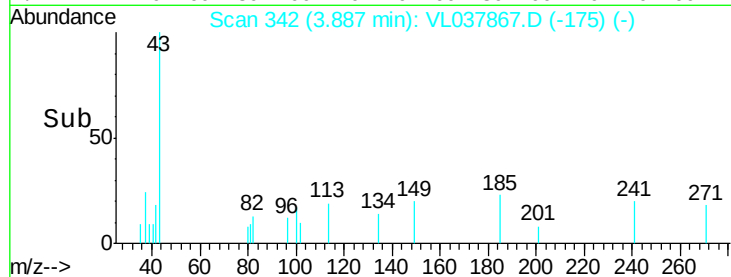
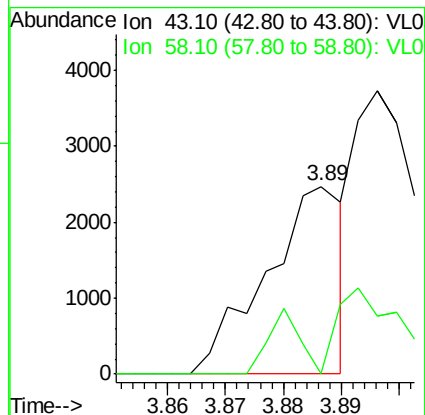
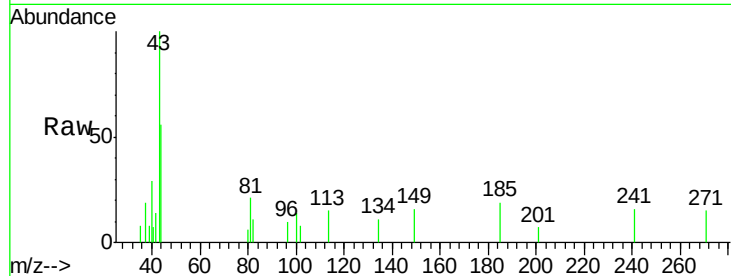
Acq: 19 Oct 2021 00:21 CAN 10267

Tgt Ion: 43 Resp: 2292

Ion Ratio Lower Upper

43 100

58 0.0 23.0 34.6#



#20

Methylene Chloride

Concen: 0.098 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL037867.D

Acq: 19 Oct 2021 00:21

Tgt Ion: 84 Resp: 5046

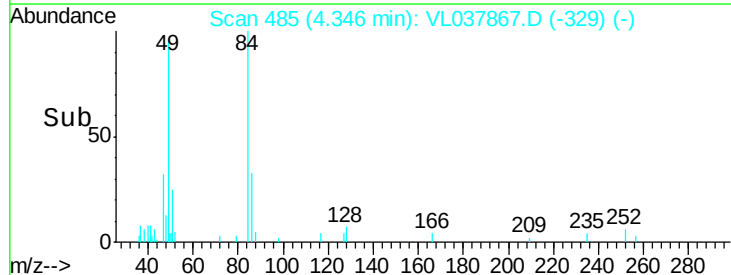
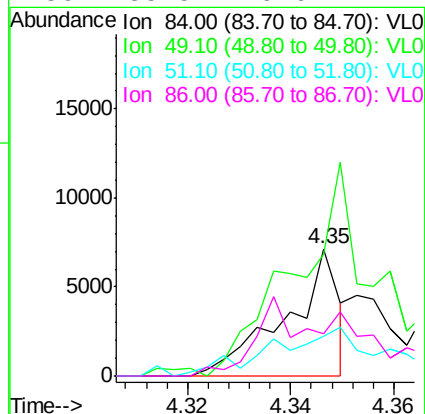
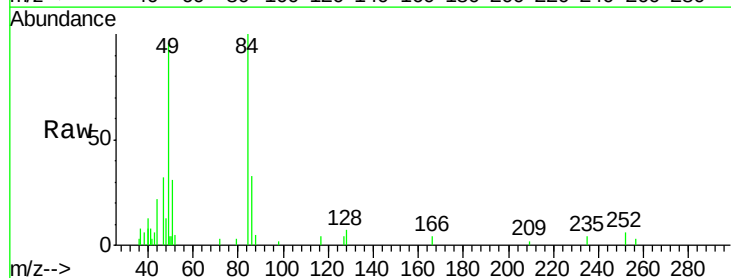
Ion Ratio Lower Upper

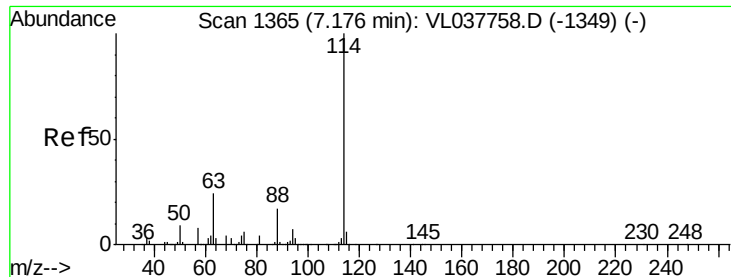
84 100

49 94.1 120.7 181.1#

51 28.6 36.2 54.4#

86 33.5 49.6 74.4#

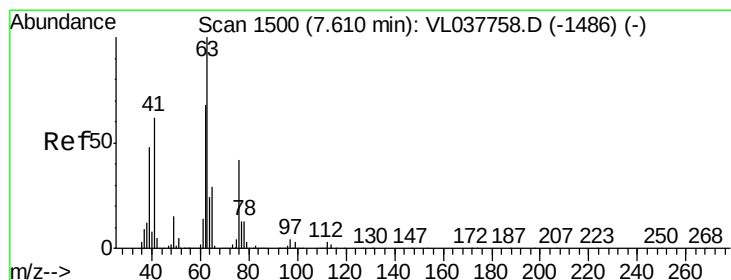
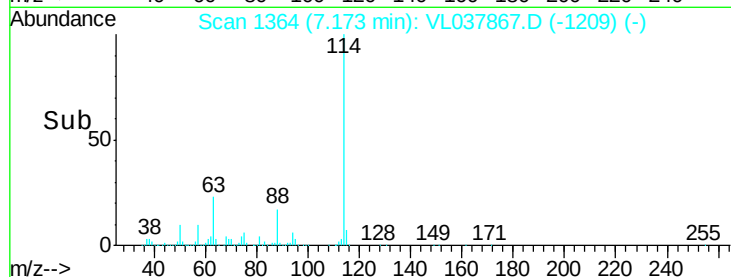
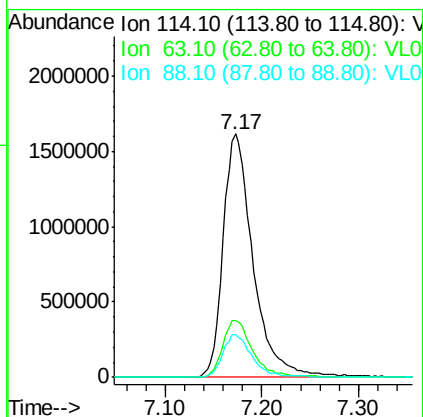
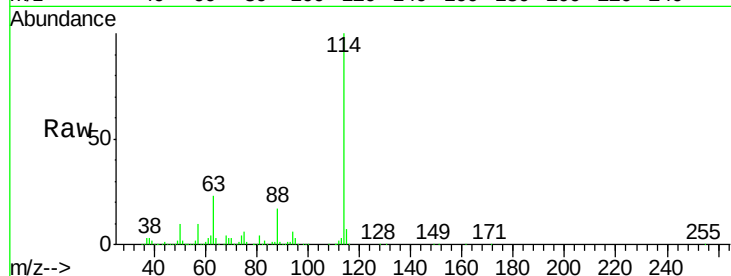




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 19 Oct 2021 00:21

Tgt Ion: 114 Resp: 3479321

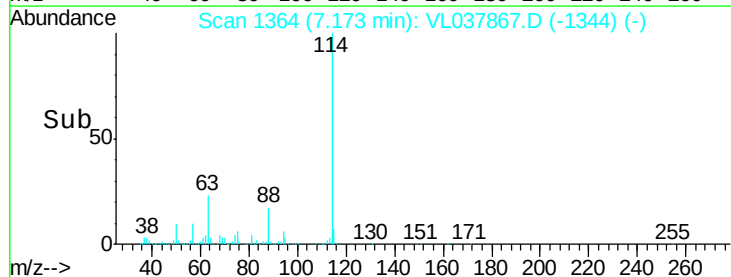
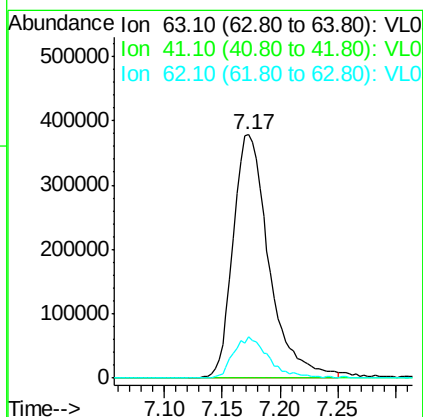
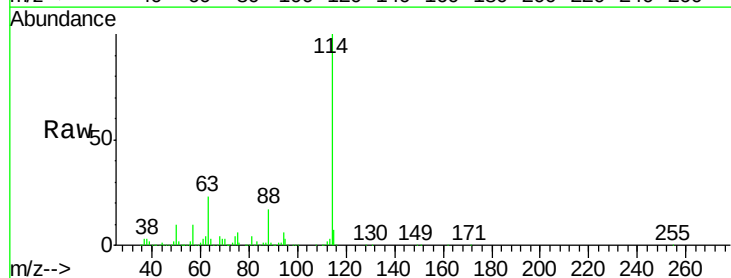
Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.2
88	17.7	14.4	21.6

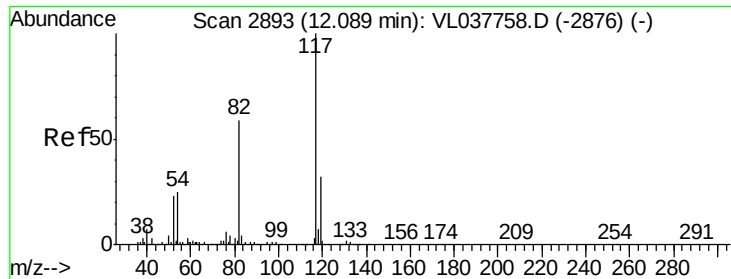


#39
 1,2-Dichloropropane
 Concen: 7.278 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.44 min
 Lab File: VL037867.D
 Acq: 19 Oct 2021 00:21

Tgt Ion: 63 Resp: 813569

Ion	Ratio	Lower	Upper
63	100		
41	0.1	49.8	74.6#
62	17.2	54.6	82.0#

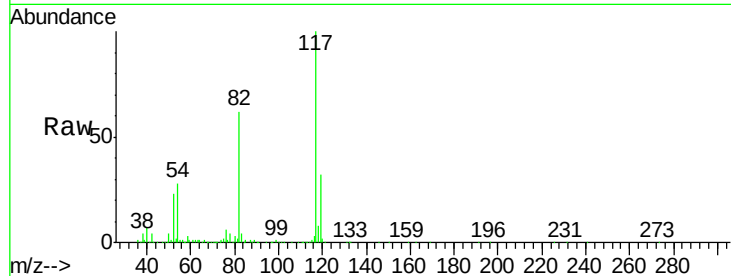




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 19 Oct 2021 00:21

Tgt Ion: 117 Resp: 2830032

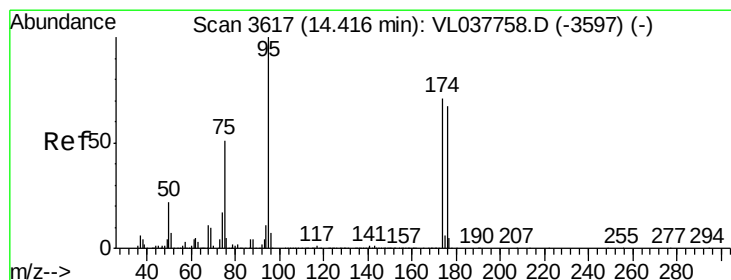
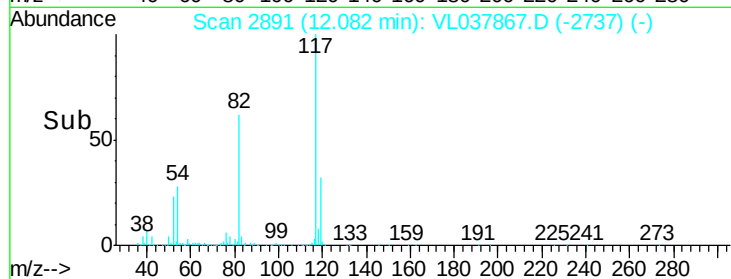
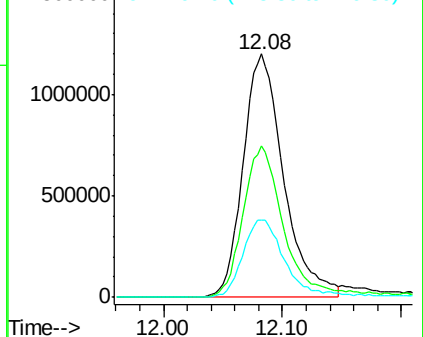
Ion	Ratio	Lower	Upper
117	100		
82	64.6	52.2	78.2
119	34.7	26.0	39.0



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

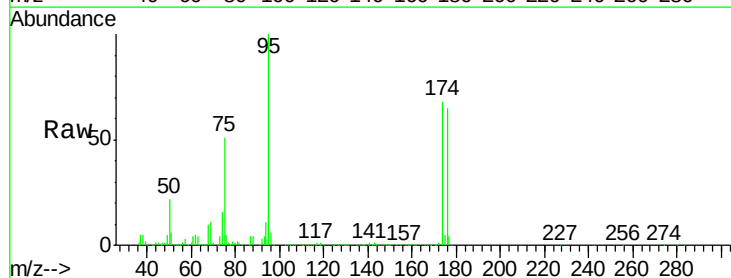
Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.253 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T.: -0.01 min
 Lab File: VL037867.D
 Acq: 19 Oct 2021 00:21

Tgt Ion: 95 Resp: 2029116

Ion	Ratio	Lower	Upper
95	100		
174	74.6	57.8	86.6
175	5.2	4.7	7.1



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

