

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037218.D
 Acq On : 22 Jun 2021 15:55
 Operator : SY/AP
 Sample : VL0622ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 23 01:40:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1611818	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4680204	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4102176	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3016371	9.70	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%

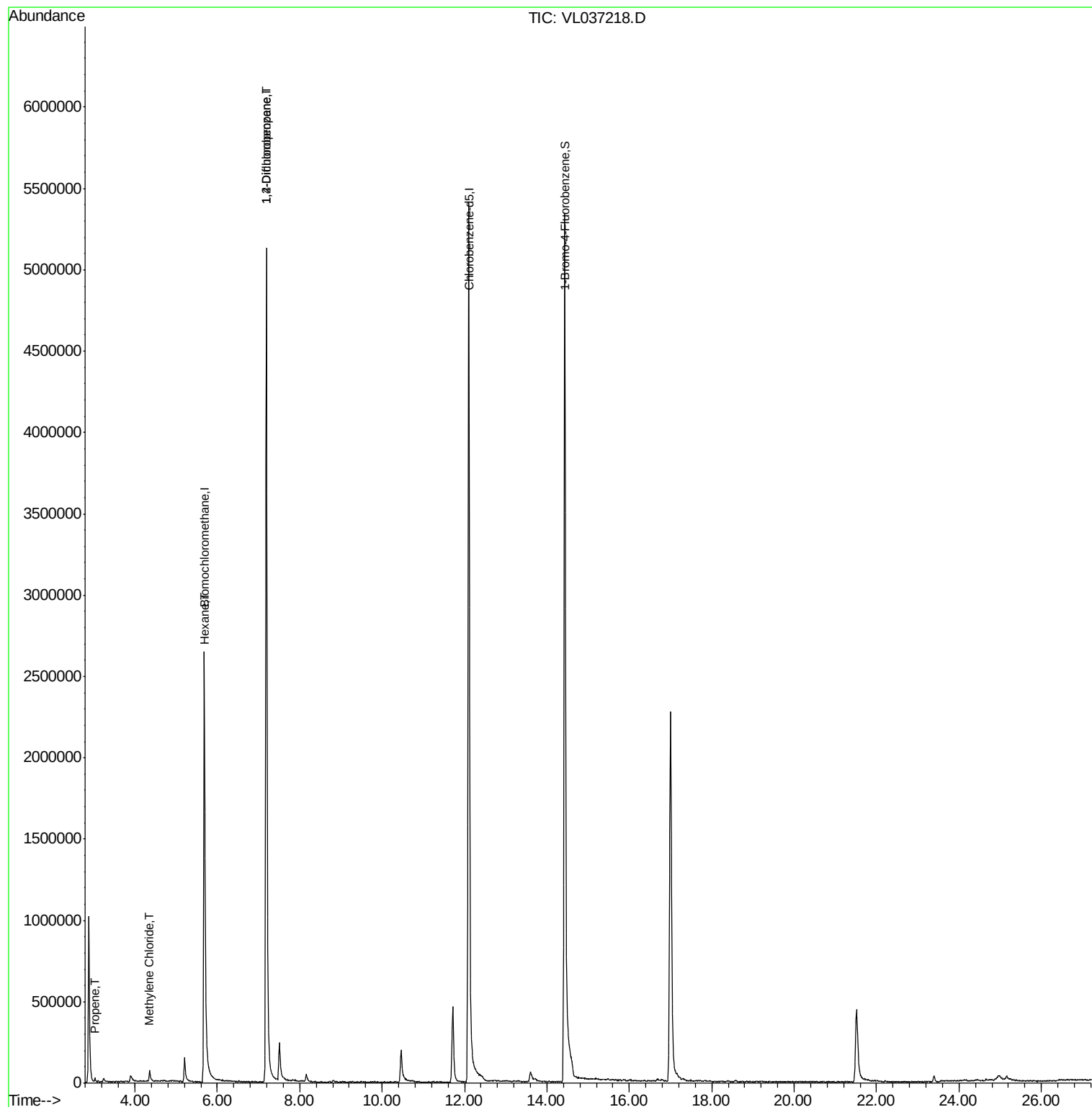
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	6721	0.067	ppbv	96
20) Methylene Chloride	4.36	84	23166	0.213	ppbv #	90
26) Hexane	5.70	57	4951	0.025	ppbv #	23
39) 1,2-Dichloropropane	7.19	63	1111758	7.905	ppbv #	23

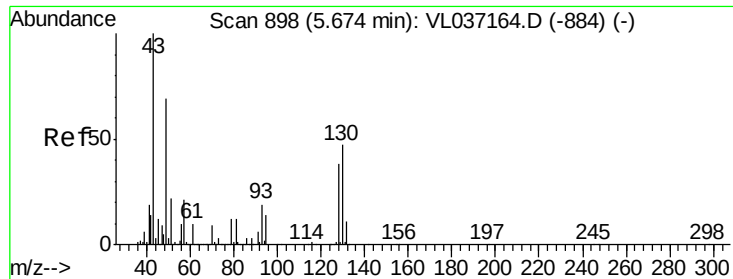
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL037218.D

Acq: 22 Jun 2021 15:55

Instrument :

MSVOA_L

ClientSampleId :

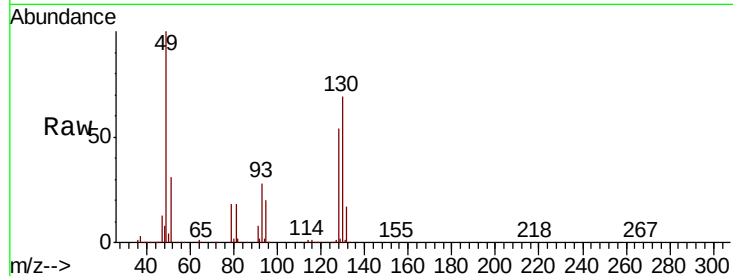
Tot Ion: 49 Resp: 1611818

Ion Ratio Lower Upper

49 100

128 56.7 29.3 88.0

130 71.5 35.9 107.8



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

800000

600000

400000

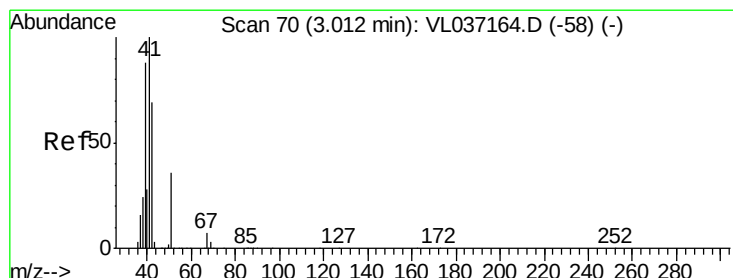
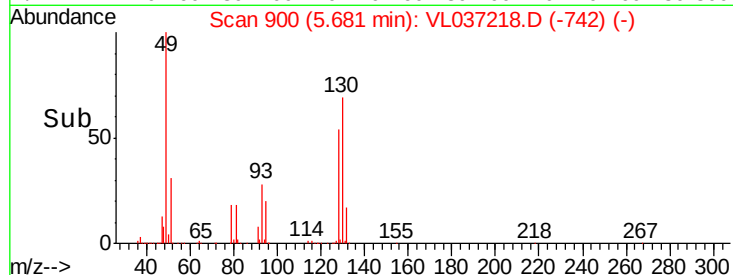
200000

0

5.60 5.70 5.80

5.68

Time-->



#9

Propene

Concen: 0.067 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL037218.D

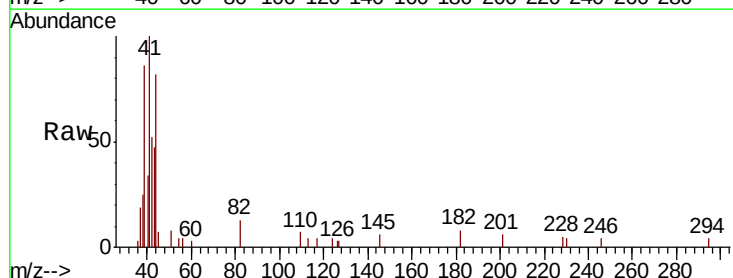
Acq: 22 Jun 2021 15:55

Tgt Ion: 41 Resp: 6721

Ion Ratio Lower Upper

41 100

42 71.2 54.5 81.7



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

6000

5000

4000

3000

2000

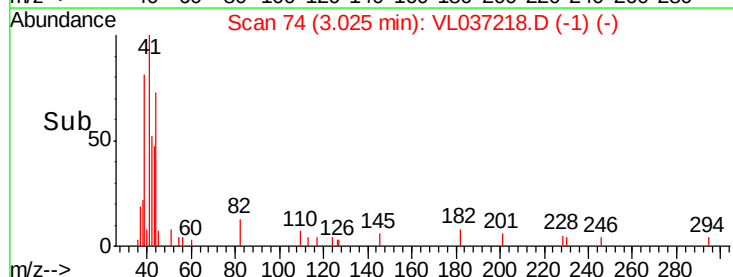
1000

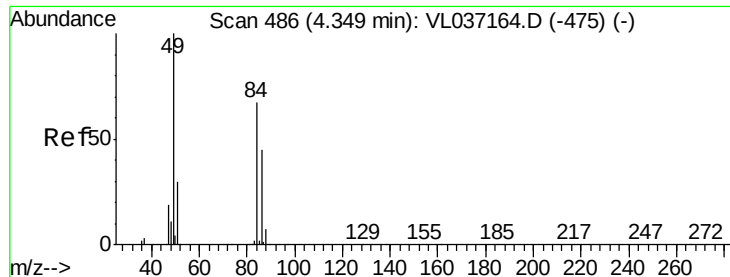
0

3.00 3.02 3.04

3.02

Time-->

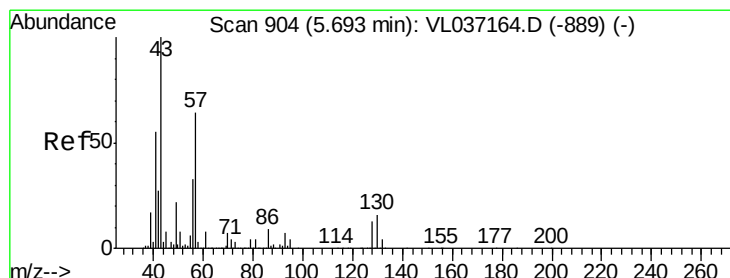
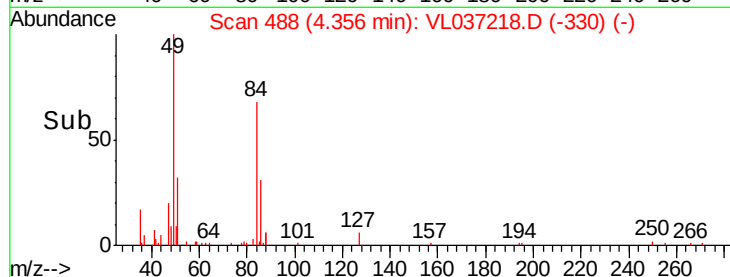
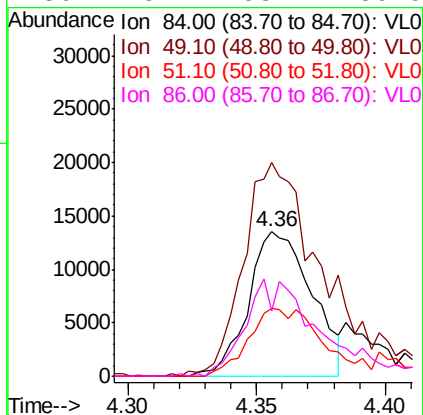
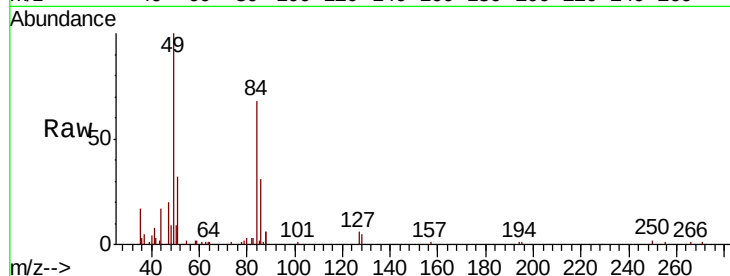




#20
Methvlene Chloride
Concen: 0.213 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL037218.D
Acq: 22 Jun 2021 15:55

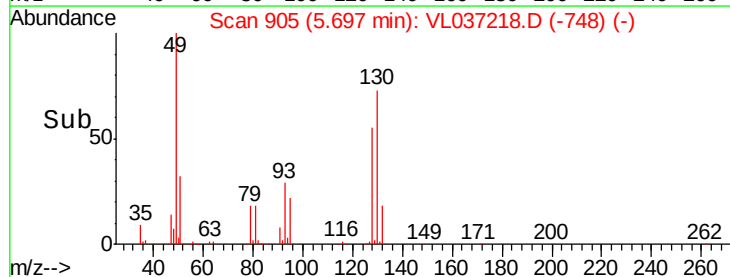
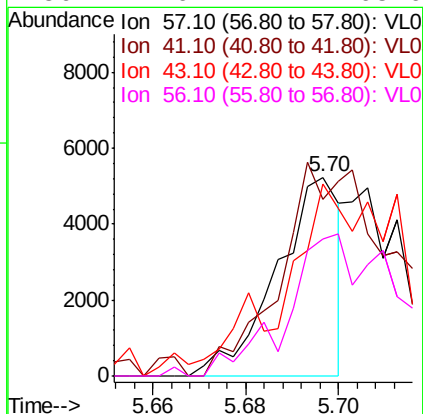
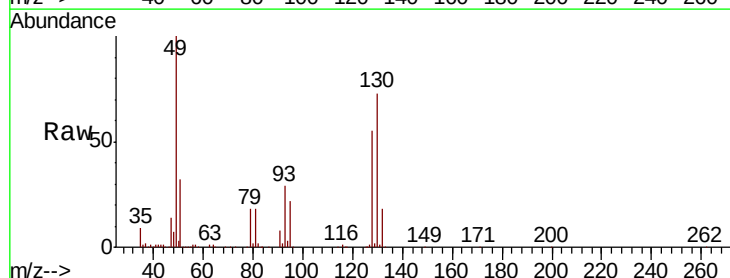
Instrument :
MSVOA_L
ClientSampleId :

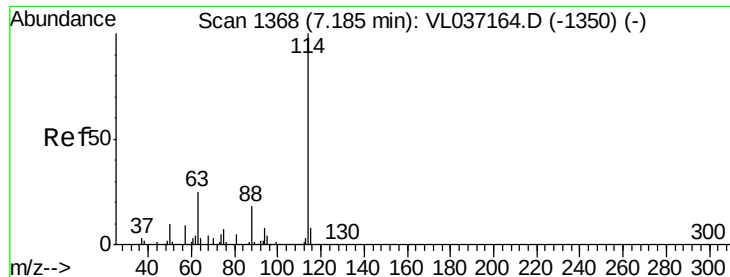
Tot Ion:	84	Resp:	23166
Ion	Ratio	Lower	Upper
84	100		
49	144.1	119.7	179.5
51	47.5	36.1	54.1
86	45.2	53.7	80.5#



#26
Hexane
Concen: 0.025 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL037218.D
Acq: 22 Jun 2021 15:55

Tgt Ion:	57	Resp:	4951
Ion	Ratio	Lower	Upper
57	100		
41	244.5	73.5	110.3#
43	259.0	170.7	256.1#
56	144.6	42.4	63.6#

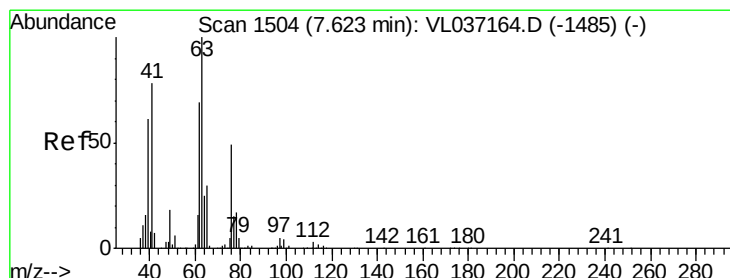
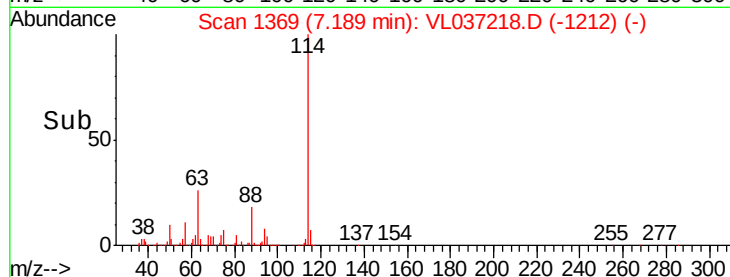
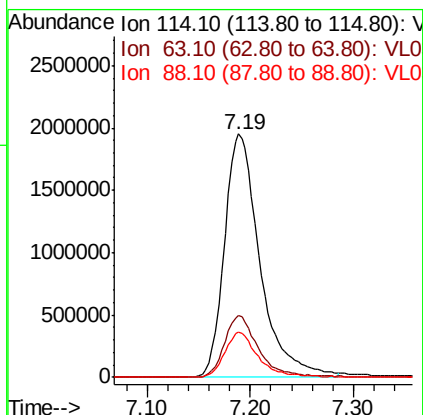
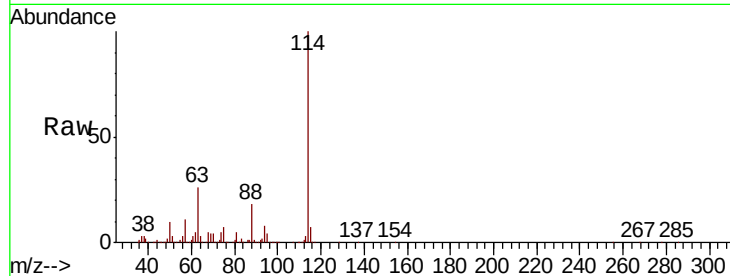




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL037218.D
 Acq: 22 Jun 2021 15:55

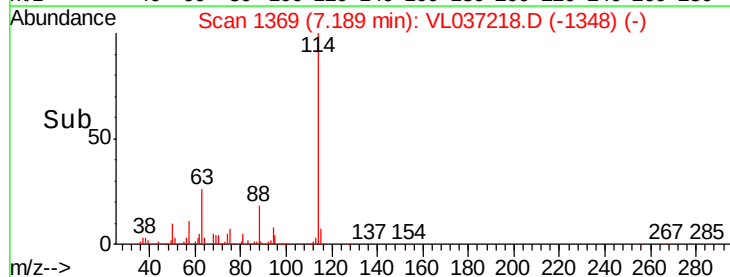
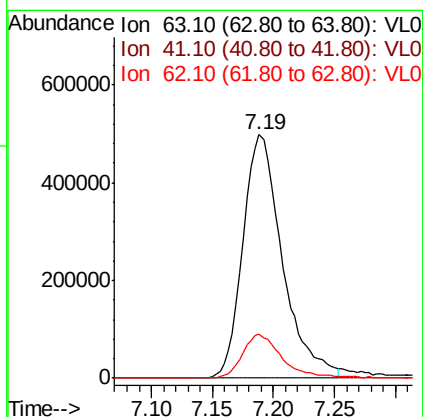
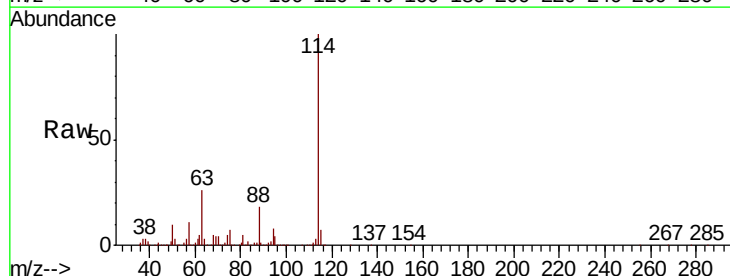
Instrument :
 MSVOA_L
 ClientSampled :

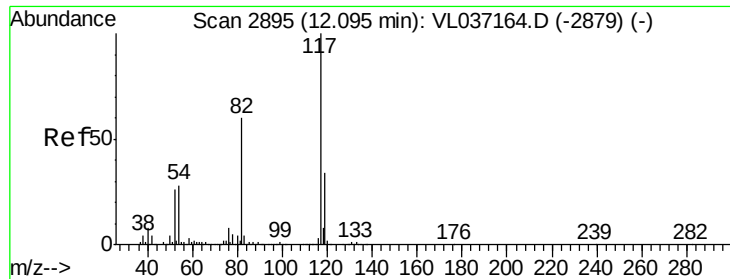
Tot Ion:114 Resp: 4680204
 Ion Ratio Lower Upper
 114 100
 63 24.8 19.6 29.4
 88 17.9 14.2 21.2



#39
 1,2-Dichloropropane
 Concen: 7.905 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.43 min
 Lab File: VL037218.D
 Acq: 22 Jun 2021 15:55

Tgt Ion: 63 Resp: 1111758
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.0 93.0#
 62 18.0 54.9 82.3#

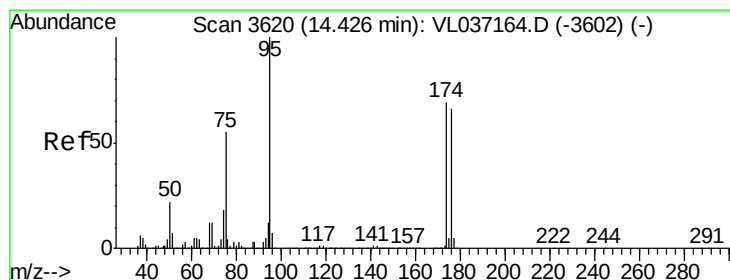
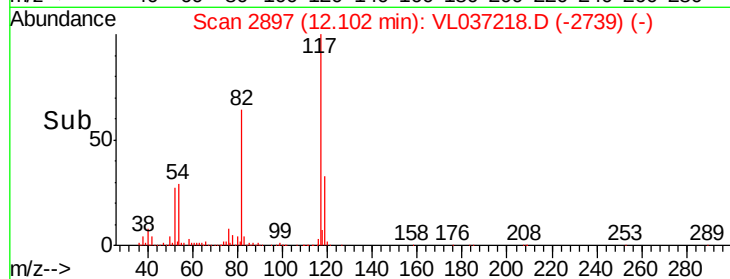
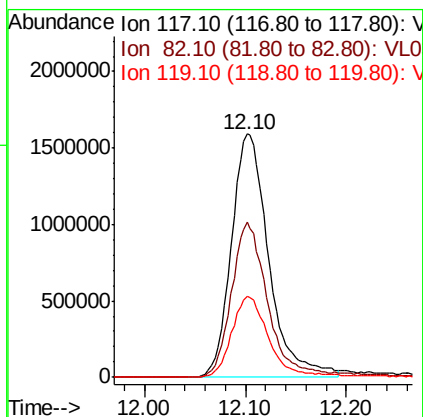
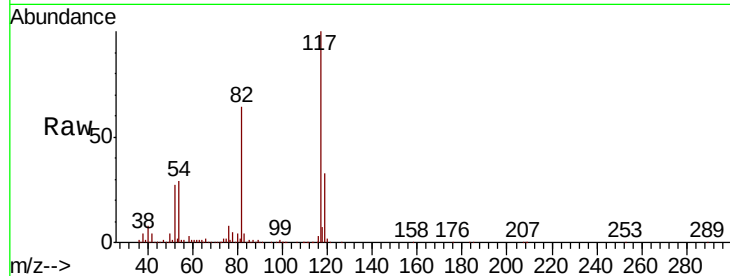




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL037218.D
Acq: 22 Jun 2021 15:55

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 4102176
Ion Ratio Lower Upper
117 100
82 64.6 51.7 77.5
119 34.2 47.6 71.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.704 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.01 min
Lab File: VL037218.D
Acq: 22 Jun 2021 15:55

Tgt Ion: 95 Resp: 3016371
Ion Ratio Lower Upper
95 100
174 74.8 57.0 85.4
175 4.9 4.4 6.6

