

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035265.D
 Acq On : 30 Jul 2020 4:06
 Operator : SY/AP
 Sample : VL0730ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0730ABL01

Quant Time: Jul 30 07:45:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1135696	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2782903	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2646453	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2143840	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

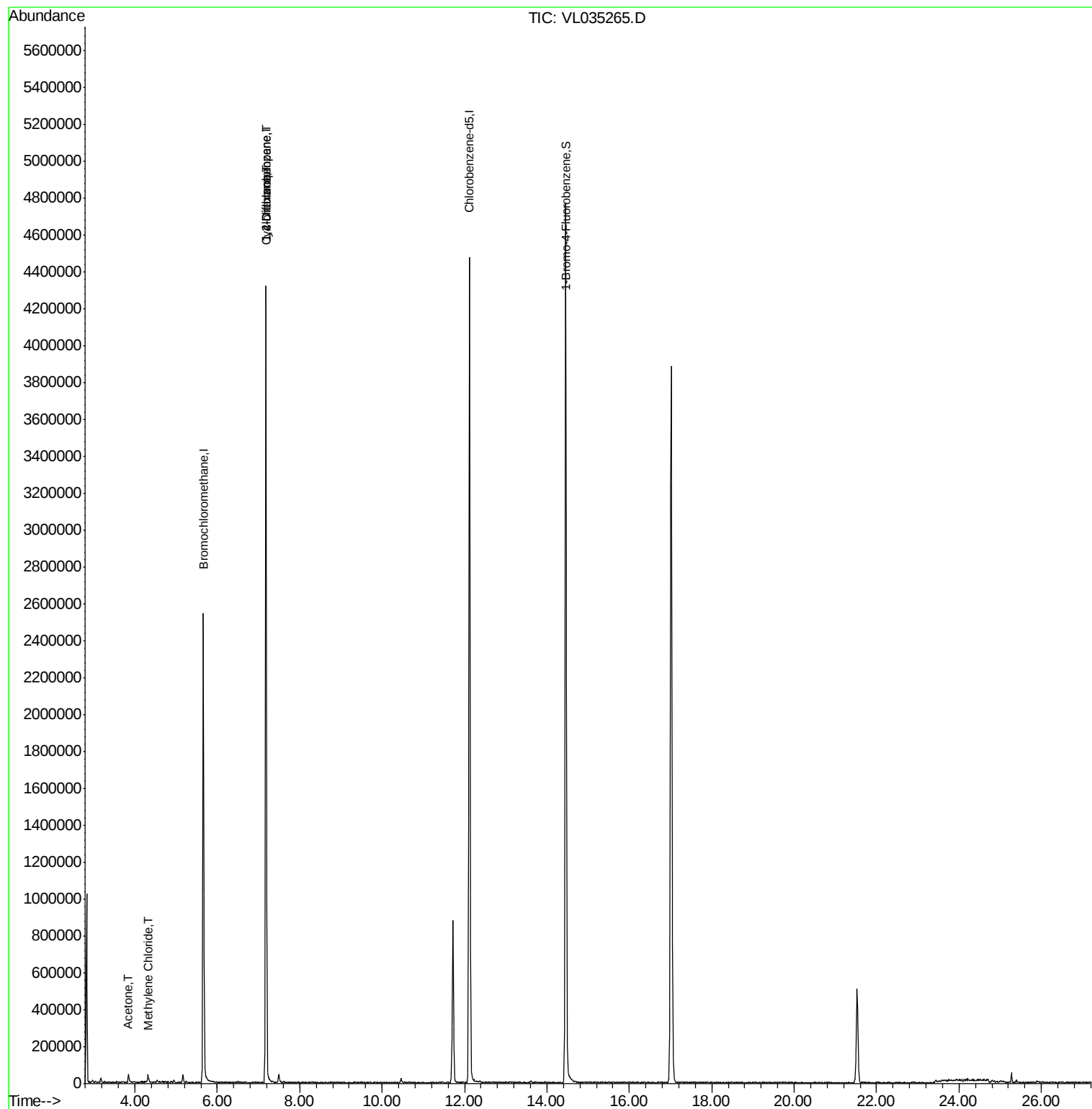
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	32614	0.215	ppbv #	48
20) Methylene Chloride	4.32	84	7194	0.104	ppbv #	46
30) Cyclohexane	7.17	84	6920	0.091	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	760064	9.850	ppbv #	23

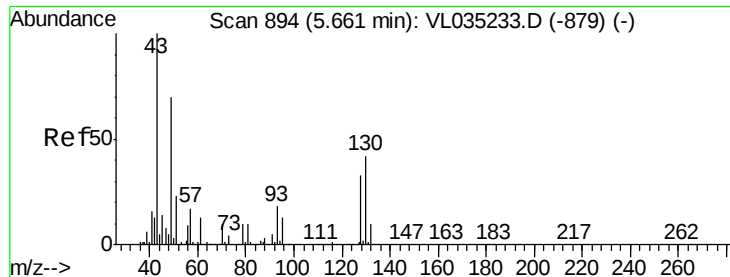
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL073020\
Data File : VL035265.D
Acq On : 30 Jul 2020 4:06
Operator : SY/AP
Sample : VL0730ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0730ABL01

Quant Time: Jul 30 07:45:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

Lab File: VL035265.D

Acq: 30 Jul 2020 4:06

Instrument :

MSVOA_L

ClientSampleId :

VL0730ABL01

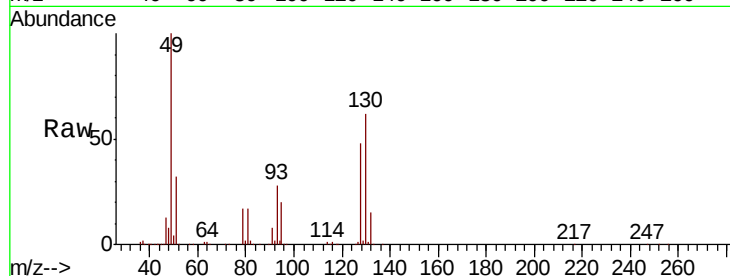
Tot Ion: 49 Resp: 1135696

Ion	Ratio	Lower	Upper
49	100		
128	49.7	24.0	72.0
130	64.4	30.7	92.1

49 100

128 49.7 24.0 72.0

130 64.4 30.7 92.1



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

5.66

800000

600000

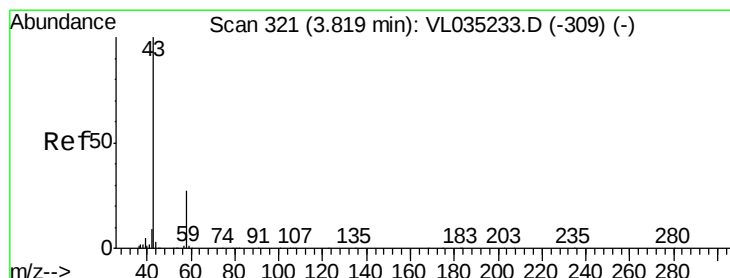
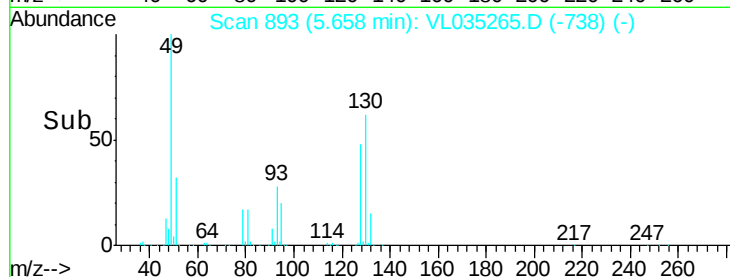
400000

200000

0

Time-->

5.60 5.65 5.70 5.75



#15

Acetone

Concen: 0.215 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.02 min

Lab File: VL035265.D

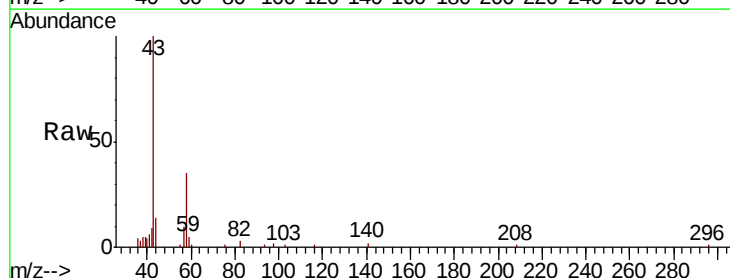
Acq: 30 Jul 2020 4:06

Tgt Ion: 43 Resp: 32614

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.8	32.6#

43 100

58 0.0 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

25000

20000

15000

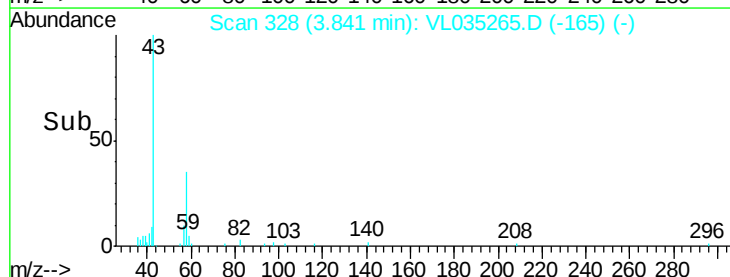
10000

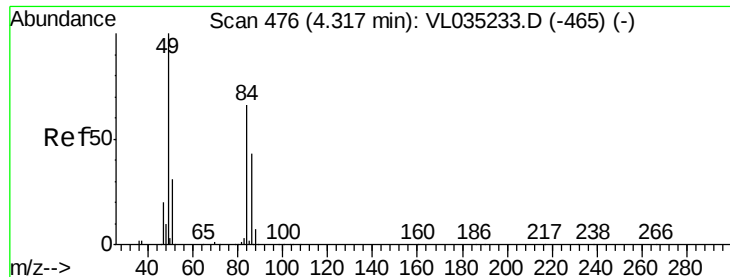
5000

0

Time-->

3.80 3.82 3.84 3.86

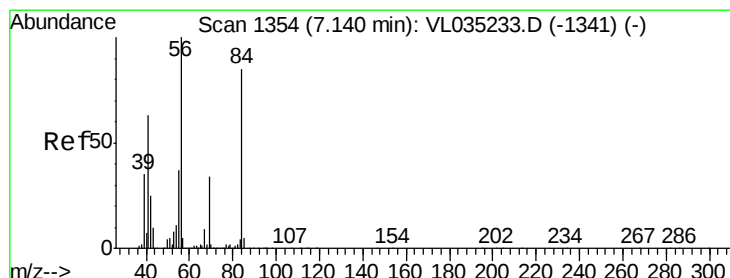
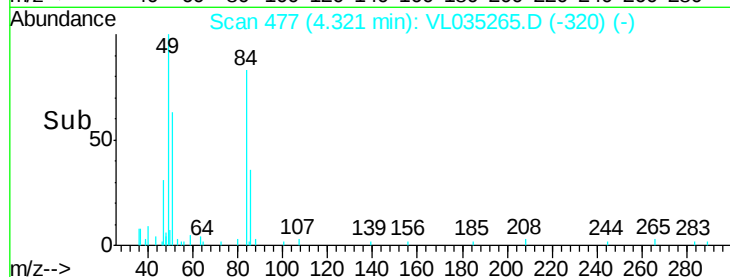
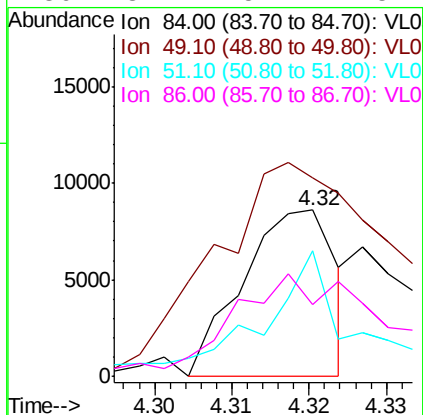
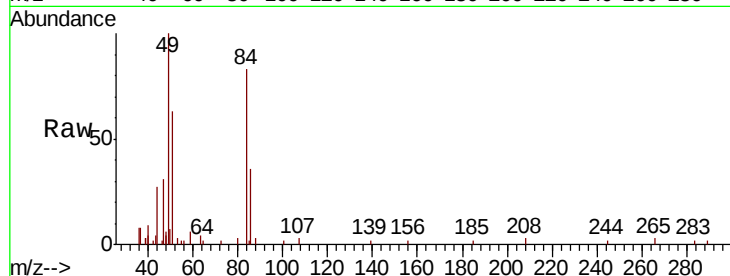




#20
Methvlene Chloride
Concen: 0.104 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.00 min
Lab File: VL035265.D
Acq: 30 Jul 2020 4:06

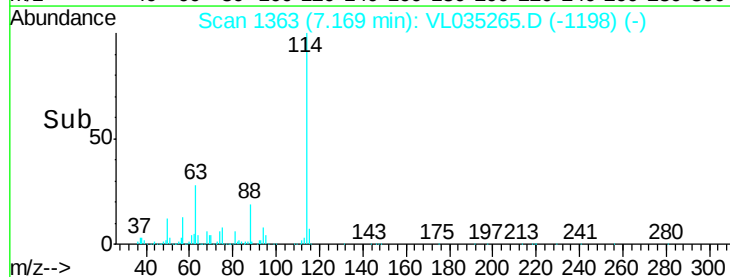
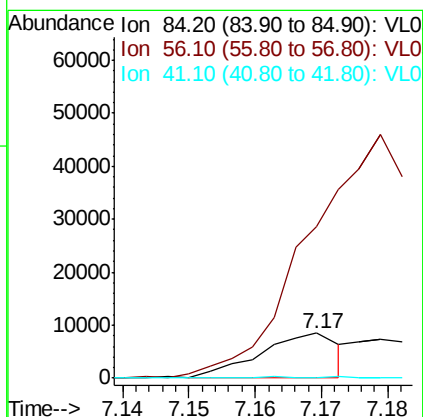
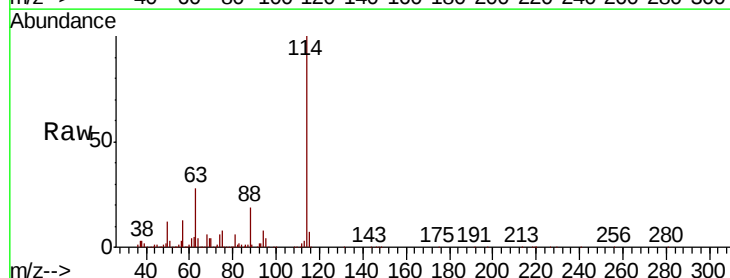
Instrument :
MSVOA_L
ClientSampleId :
VL0730ABL01

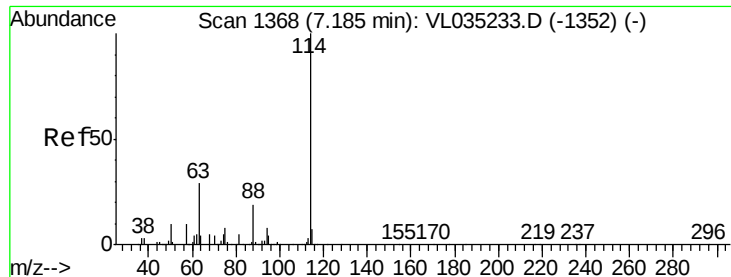
Tot Ion: 84 Resp: 7194
Ion Ratio Lower Upper
84 100
49 64.3 121.0 181.4#
51 64.9 37.7 56.5#
86 31.7 52.2 78.4#



#30
Cyclohexane
Concen: 0.091 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.03 min
Lab File: VL035265.D
Acq: 30 Jul 2020 4:06

Tgt Ion: 84 Resp: 6920
Ion Ratio Lower Upper
84 100
56 0.0 104.2 156.2#
41 0.0 63.7 95.5#

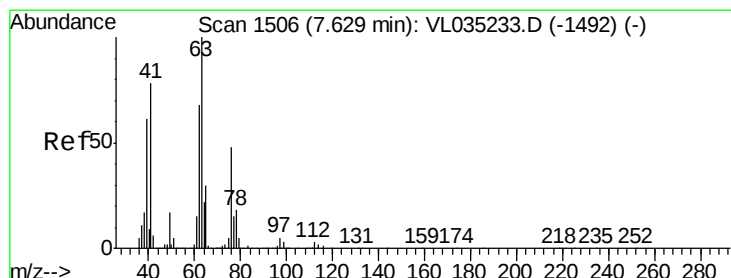
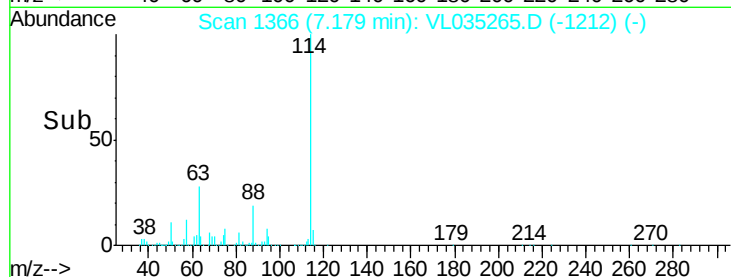
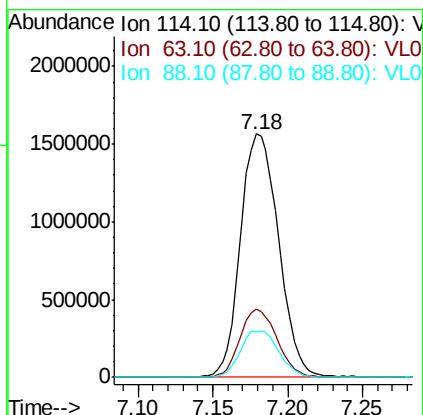
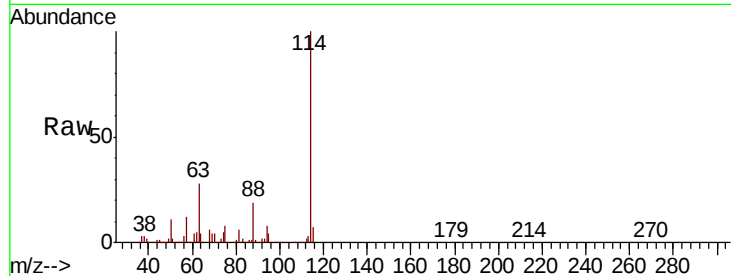




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: VL035265.D
 Acq: 30 Jul 2020 4:06

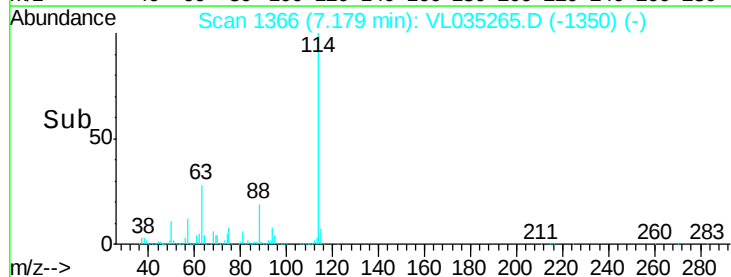
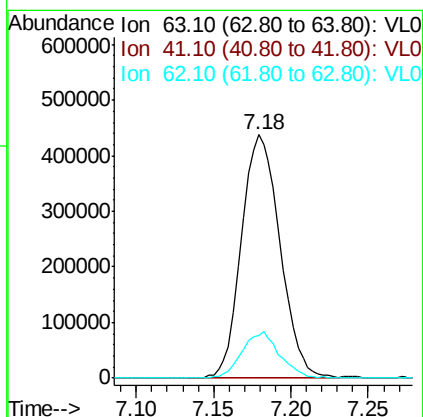
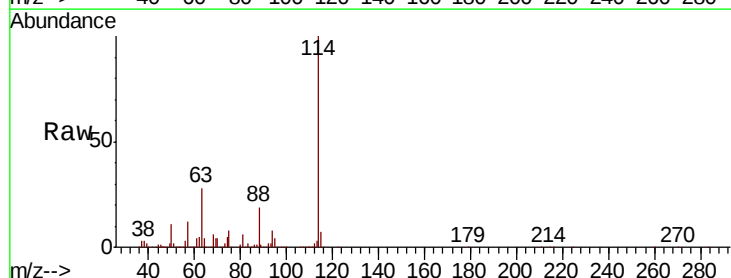
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0730ABL01

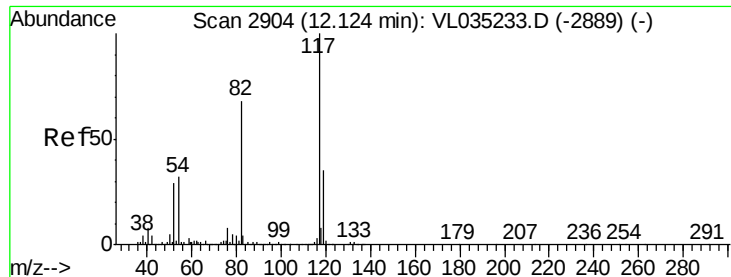
Tot Ion:114 Resp: 2782903
 Ion Ratio Lower Upper
 114 100
 63 27.5 22.2 33.2
 88 19.4 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 9.850 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.45 min
 Lab File: VL035265.D
 Acq: 30 Jul 2020 4:06

Tgt Ion: 63 Resp: 760064
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.2 93.4#
 62 17.7 54.2 81.2#

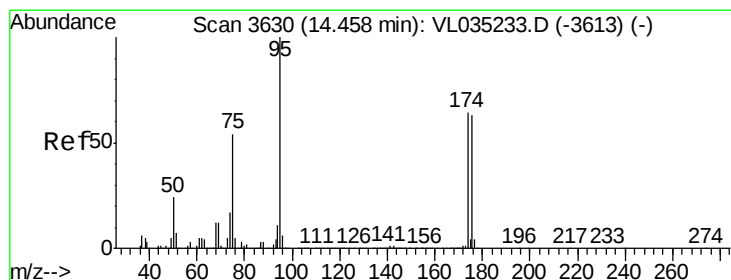
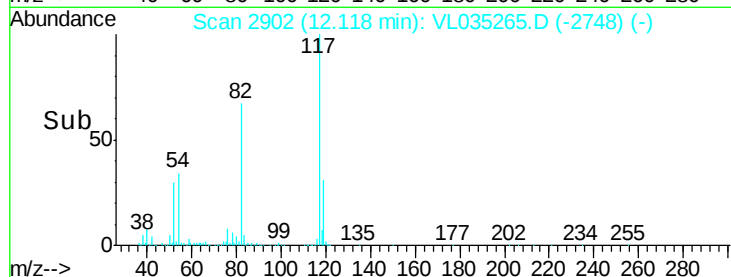
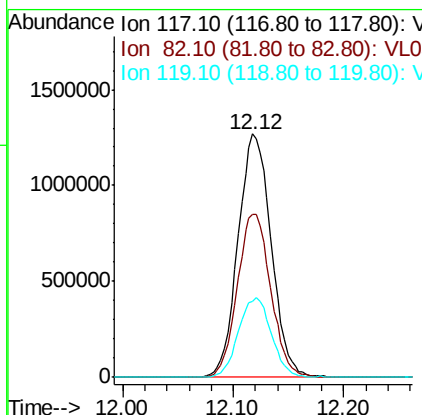
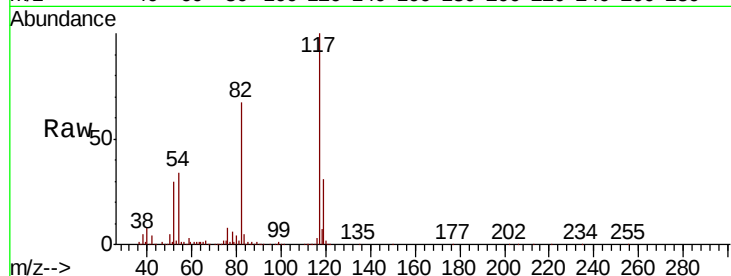




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL035265.D
Acq: 30 Jul 2020 4:06

Instrument :
MSVOA_L
ClientSampleId :
VL0730ABL01

Tot Ion:117 Resp: 2646453
Ion Ratio Lower Upper
117 100
82 67.7 52.4 78.6
119 32.6 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.138 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. -0.00 min
Lab File: VL035265.D
Acq: 30 Jul 2020 4:06

Tgt Ion: 95 Resp: 2143840
Ion Ratio Lower Upper
95 100
174 64.0 52.7 79.1
175 4.8 3.9 5.9

