

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073020\
Quantitation Report (Not Reviewed)

Data File : VL035274.D
Acq On : 30 Jul 2020 10:10
Operator : SY/AP
Sample : QC CAN 10258
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10258

Quant Time: Jul 30 12:33:20 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	1072388	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2640278	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2487484	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2027036	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

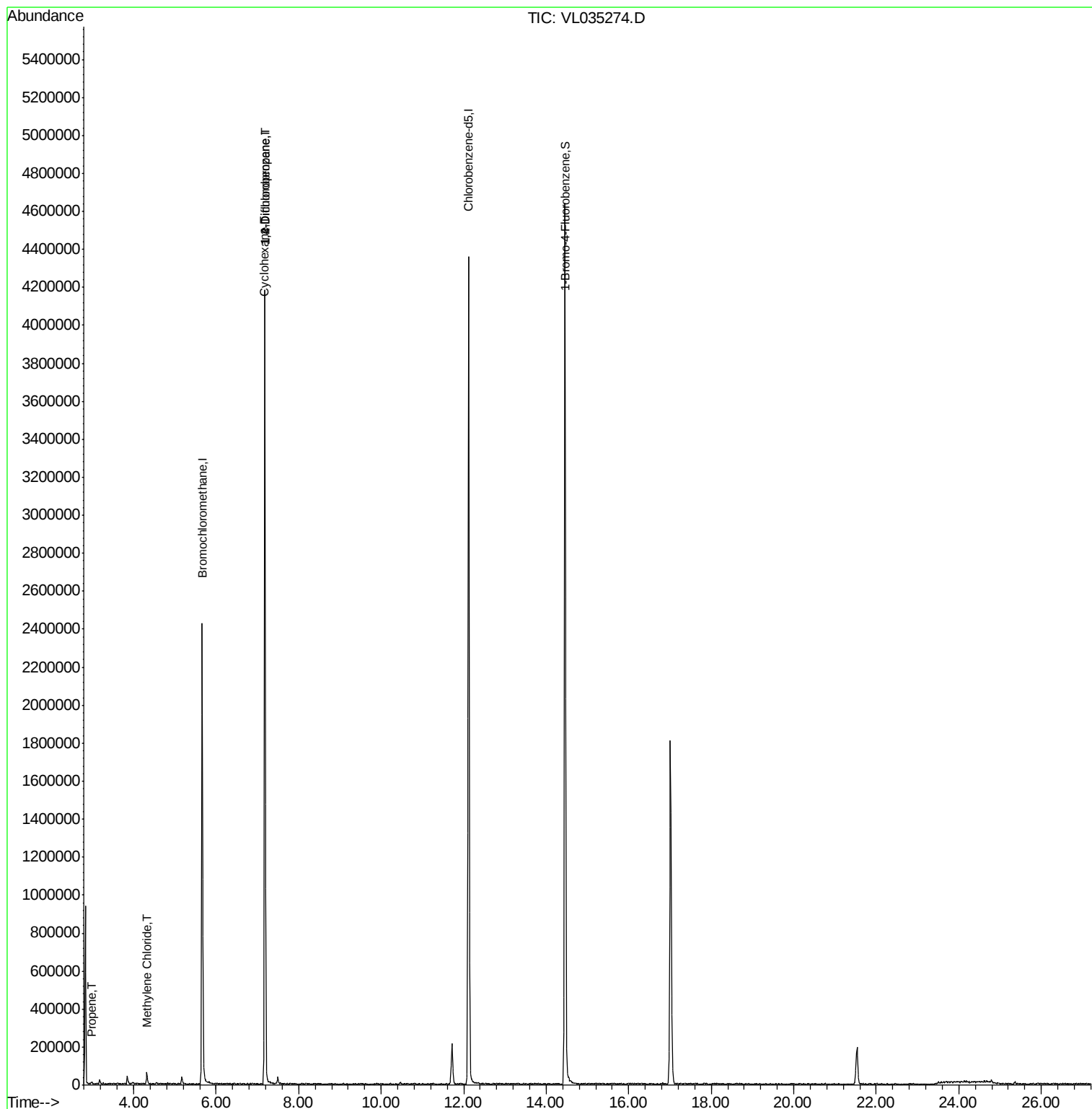
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	2.98	41	2344	0.057	ppbv	97
20) Methylene Chloride	4.32	84	14847	0.228	ppbv #	92
30) Cyclohexane	7.17	84	4423	0.061	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	719989	9.834	ppbv #	24

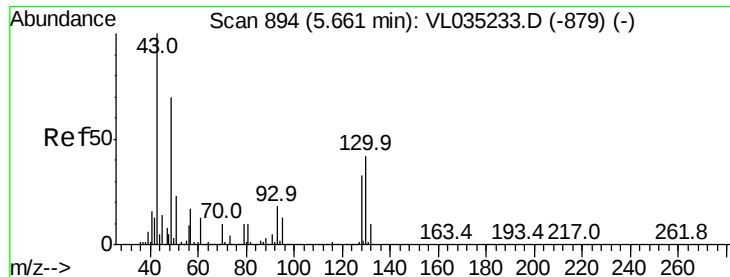
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072920AIR.M
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

Lab File: VL035274.D

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Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10258

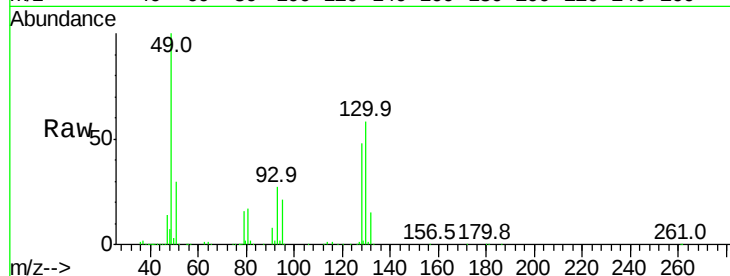
Tgt Ion: 49 Resp: 1072388

Ion Ratio Lower Upper

49 100

128 50.1 24.0 72.0

130 63.3 30.7 92.1



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

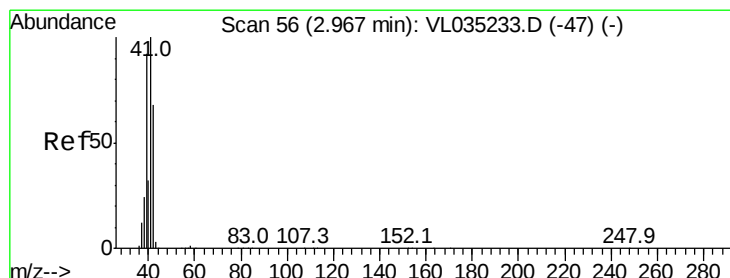
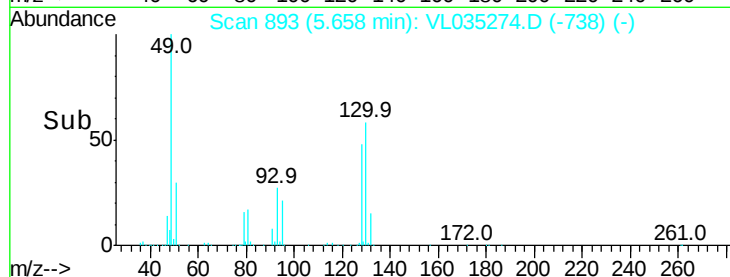
400000

200000

0

5.60 5.65 5.70 5.75

Time-->



#9

Propene

Concen: 0.057 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.02 min

Lab File: VL035274.D

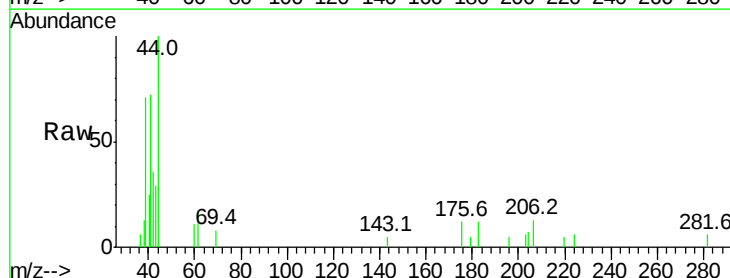
Acq: 30 Jul 2020 10:10

Tgt Ion: 41 Resp: 2344

Ion Ratio Lower Upper

41 100

42 70.9 55.0 82.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3000

2500

2000

1500

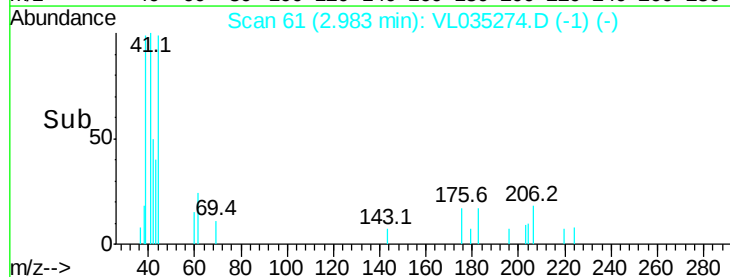
1000

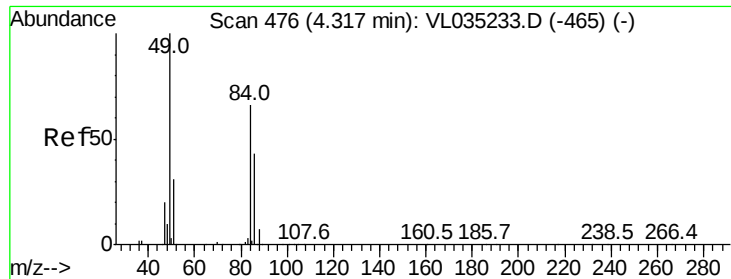
500

0

2.96 2.97 2.98 2.99

Time-->

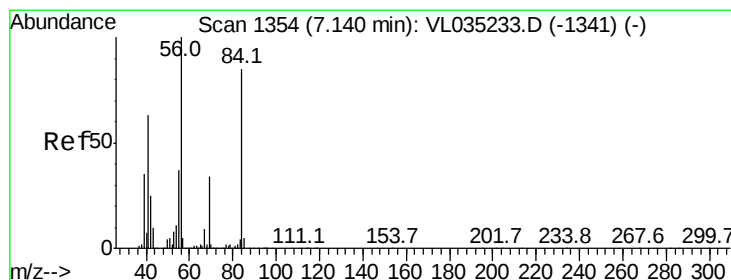
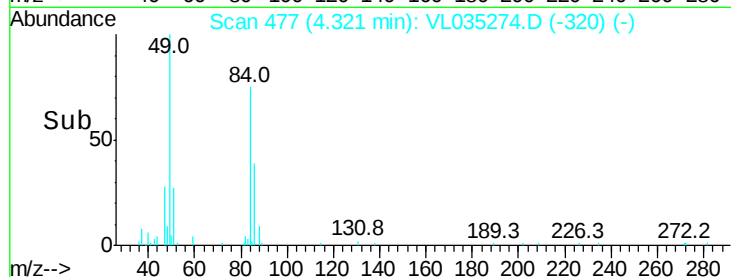
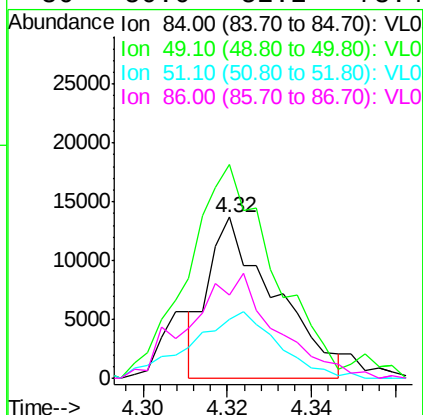
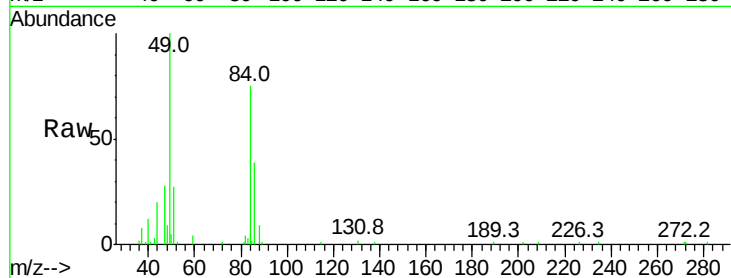




#20
Methylene Chloride
Concen: 0.228 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.00 min
Lab File: VL035274.D
Acq: 30 Jul 2020 10:10

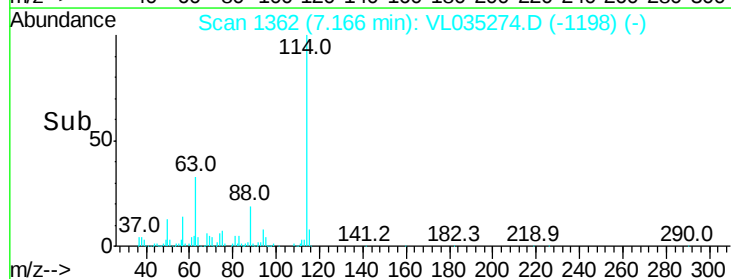
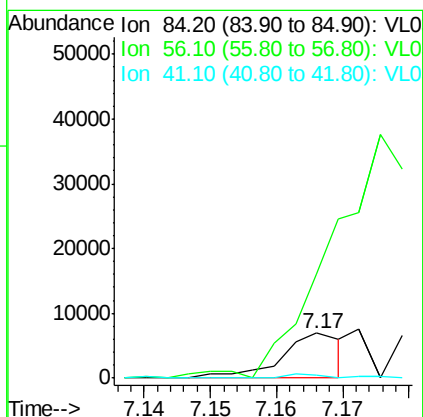
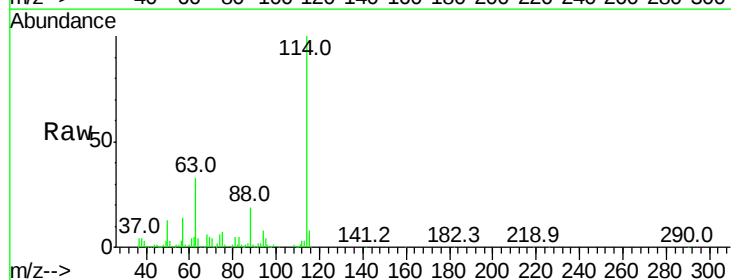
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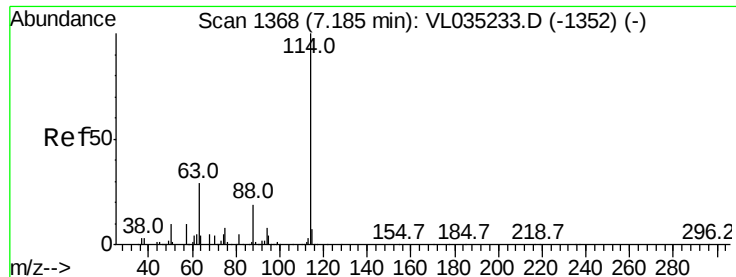
Tgt Ion:	84	Resp:	14847
Ion	Ratio	Lower	Upper
84	100		
49	149.1	121.0	181.4
51	40.4	37.7	56.5
86	50.0	52.2	78.4#



#30
Cyclohexane
Concen: 0.061 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. 0.03 min
Lab File: VL035274.D
Acq: 30 Jul 2020 10:10

Tgt Ion:	84	Resp:	4423
Ion	Ratio	Lower	Upper
84	100		
56	0.0	104.2	156.2#
41	8.7	63.7	95.5#

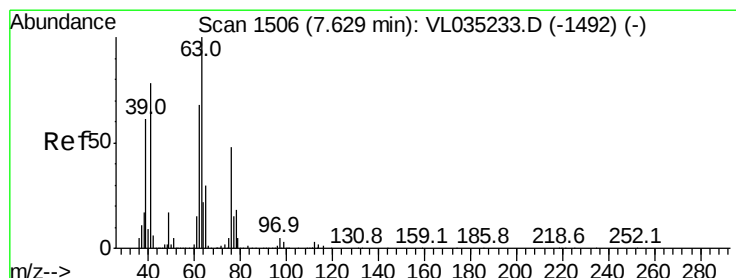
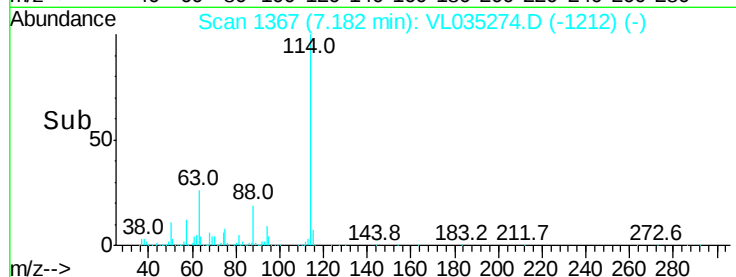
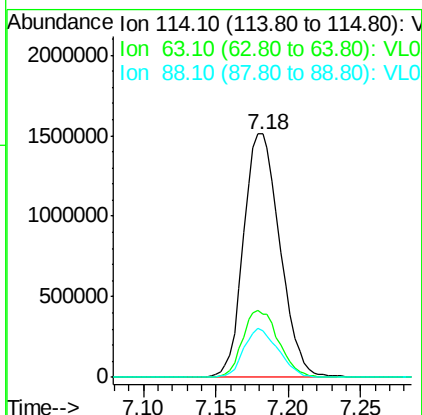
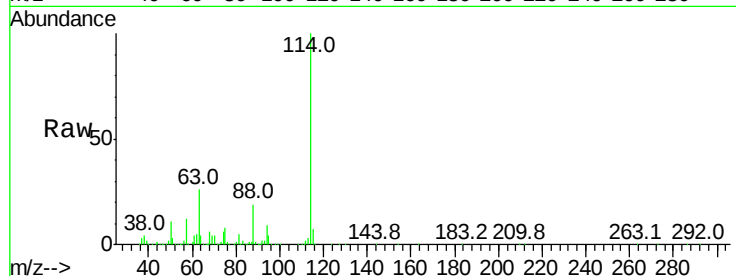




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VL035274.D
 Acq: 30 Jul 2020 10:10

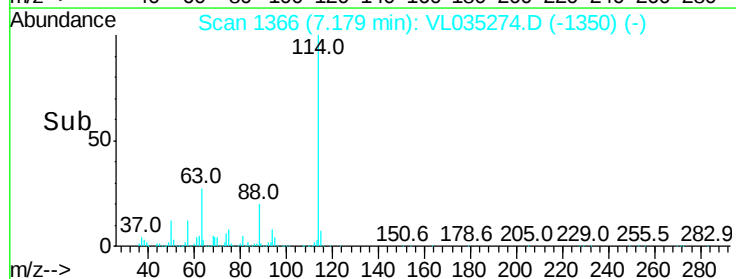
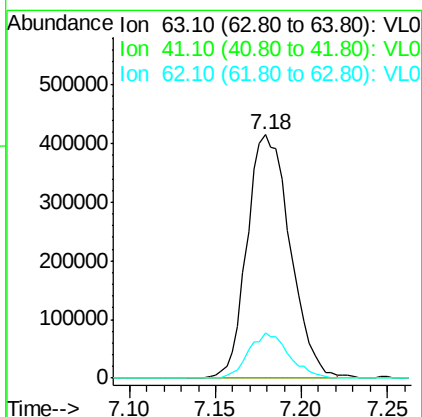
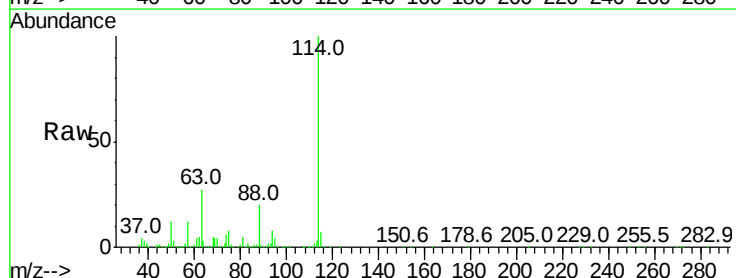
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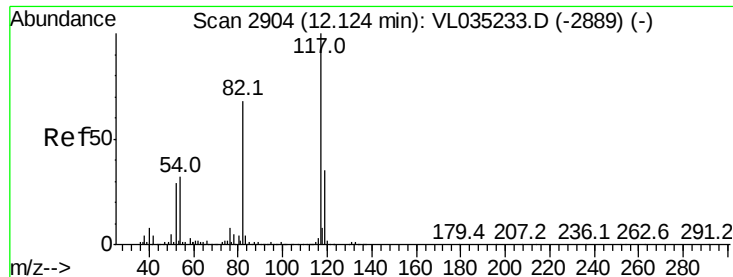
Tgt Ion: 114 Resp: 2640278
 Ion Ratio Lower Upper
 114 100
 63 27.5 22.2 33.2
 88 19.1 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 9.834 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.45 min
 Lab File: VL035274.D
 Acq: 30 Jul 2020 10:10

Tgt Ion: 63 Resp: 719989
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.2 93.4#
 62 18.6 54.2 81.2#

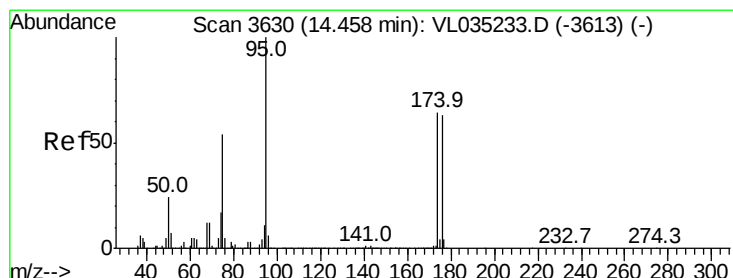
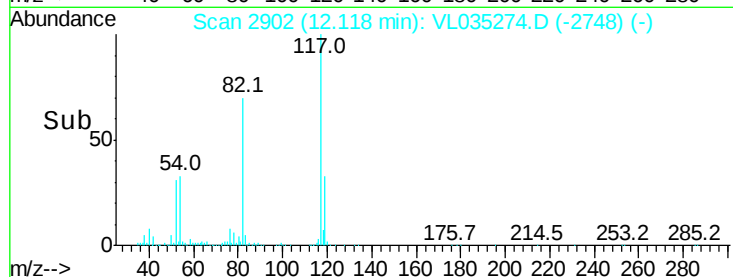
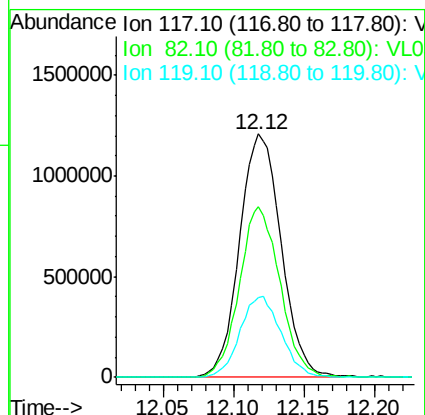
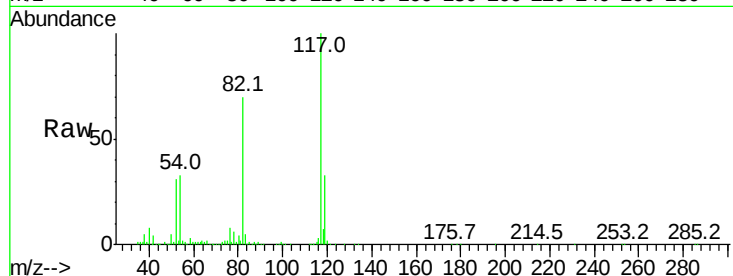




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL035274.D
Acq: 30 Jul 2020 10:10

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10258

Tgt Ion: 117 Resp: 2487484
Ion Ratio Lower Upper
117 100
82 69.2 52.4 78.6
119 33.2 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.198 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. -0.00 min
Lab File: VL035274.D
Acq: 30 Jul 2020 10:10

Tgt Ion: 95 Resp: 2027036
Ion Ratio Lower Upper
95 100
174 66.0 52.7 79.1
175 4.8 3.9 5.9

