

Data File : VL035272.D
Acq On : 30 Jul 2020 8:51
Operator : SY/AP
Sample : QC CAN 10320
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10320

Quant Time: Jul 30 10:21:47 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	1066379	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2617535	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2441755	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2016371	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

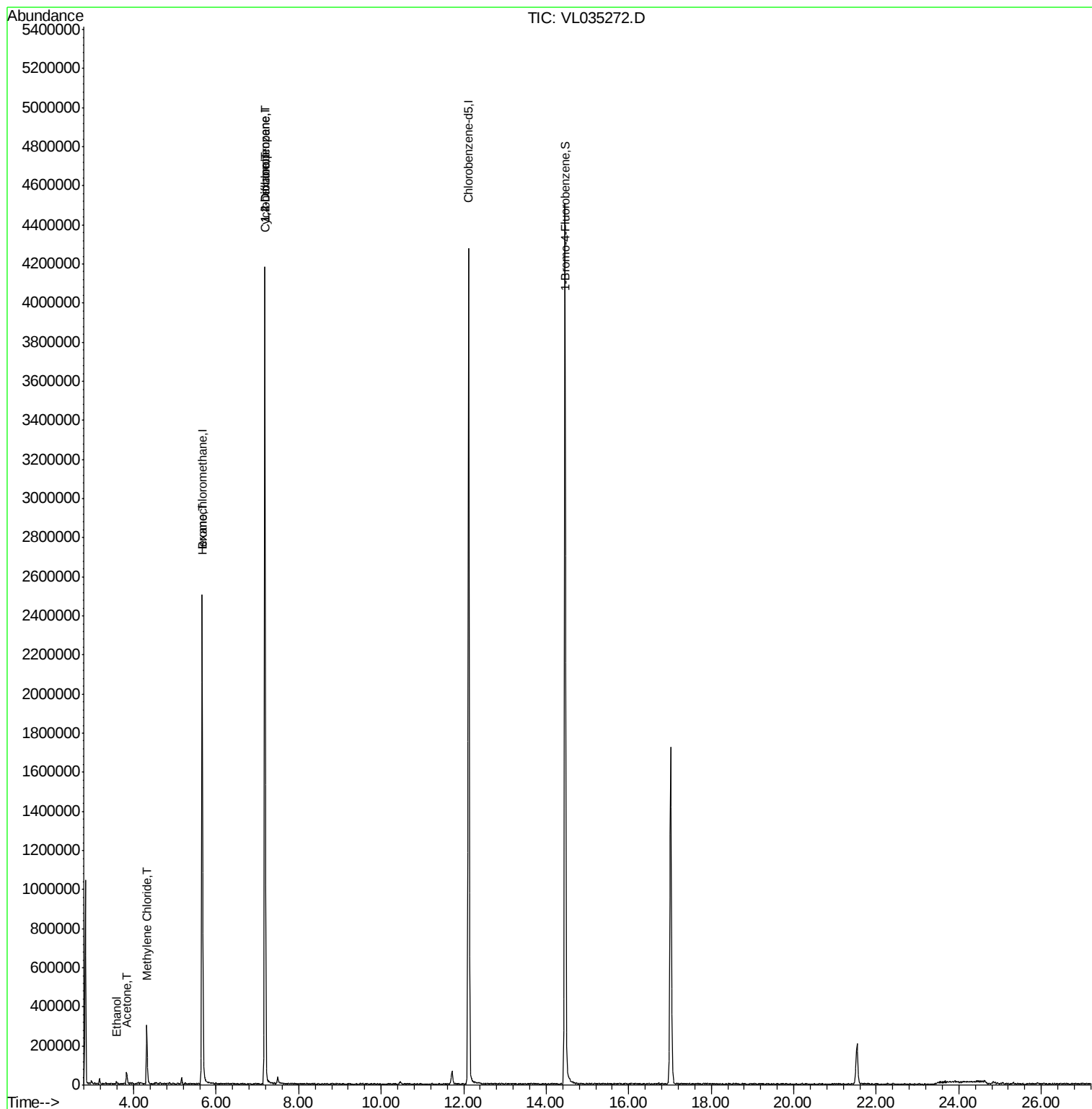
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.56	45	686	0.041	ppbv #	1
15) Acetone	3.83	43	60115	0.423	ppbv #	78
20) Methylene Chloride	4.32	84	101979	1.575	ppbv	96
26) Hexane	5.67	57	10328	0.103	ppbv #	1
30) Cyclohexane	7.17	84	10148	0.142	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	727027	10.017	ppbv #	23

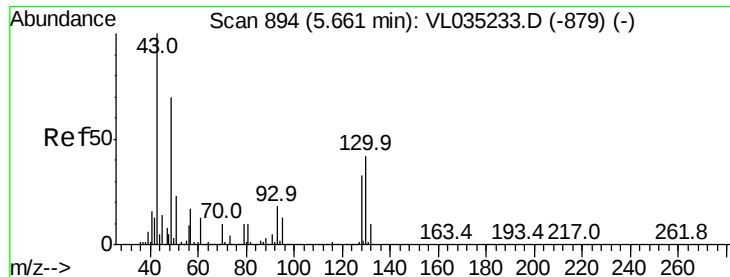
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

Lab File: VL035272.D

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MSVOA_L

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QC CAN 10320

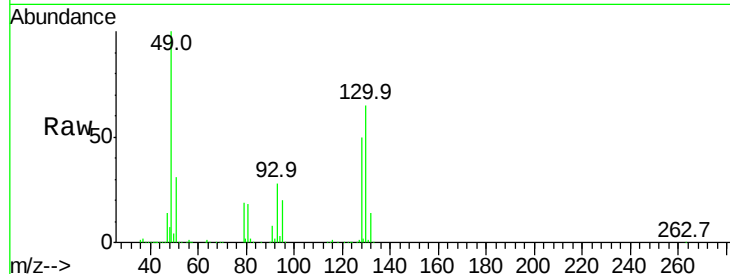
Tgt Ion: 49 Resp: 1066379

Ion Ratio Lower Upper

49 100

128 51.4 24.0 72.0

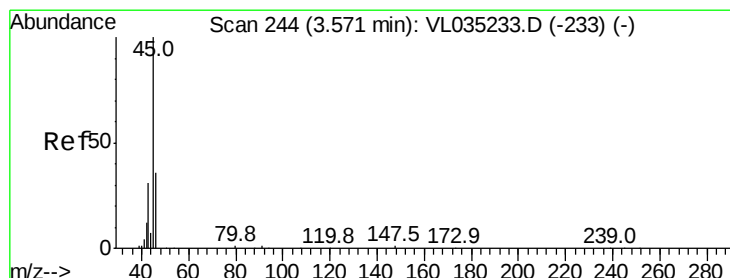
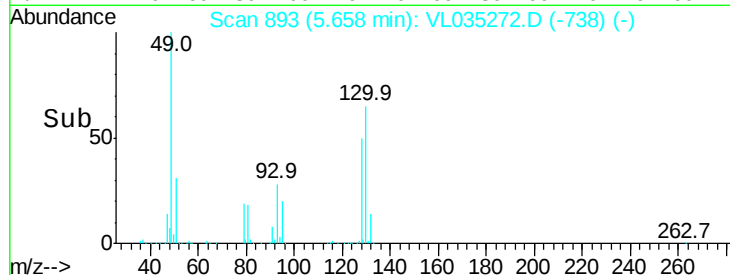
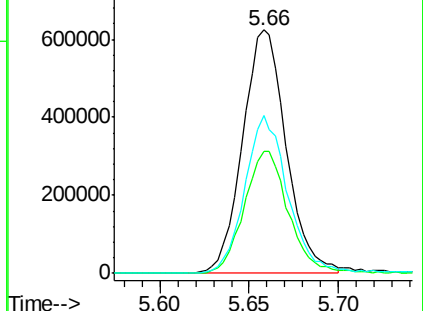
130 64.4 30.7 92.1



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



#13

Ethanol

Concen: 0.041 ppbv

RT: 3.56 min Scan# 242

Delta R.T. -0.01 min

Lab File: VL035272.D

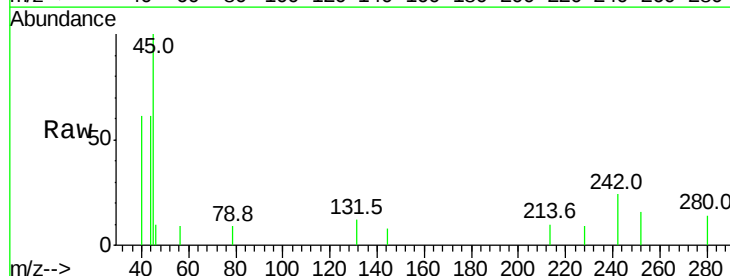
Acq: 30 Jul 2020 8:51

Tgt Ion: 45 Resp: 686

Ion Ratio Lower Upper

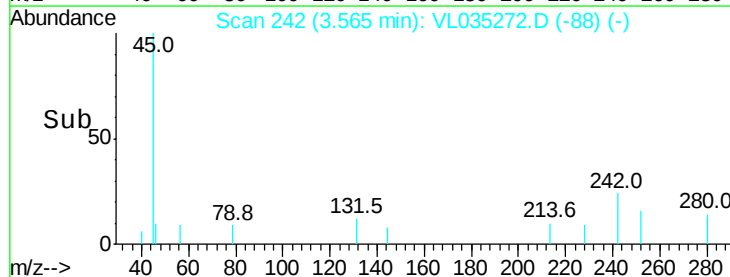
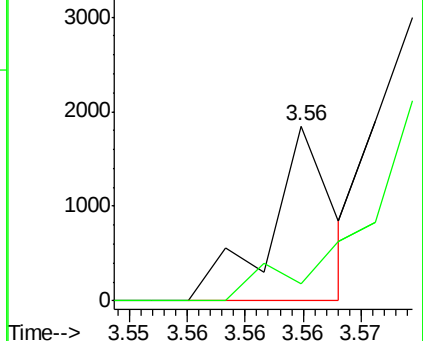
45 100

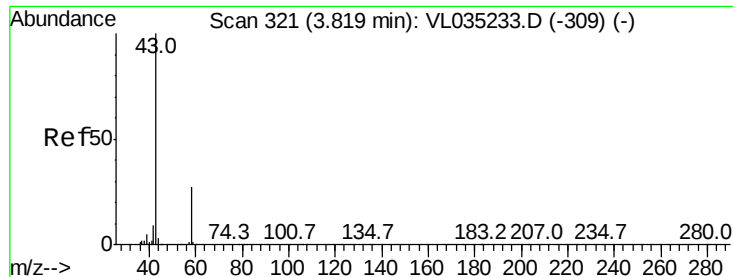
46 404.5 15.8 63.4#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

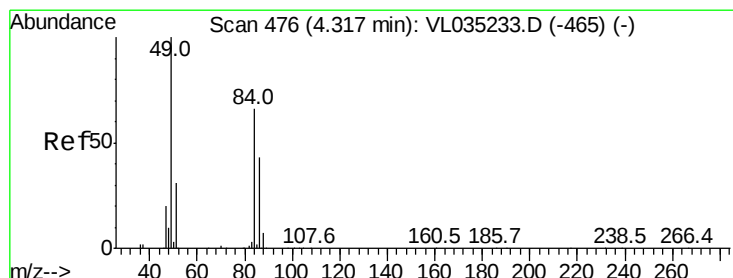
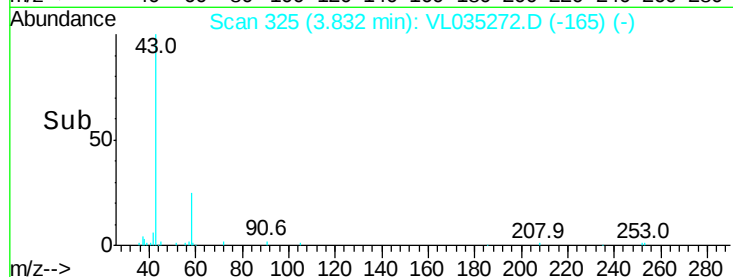
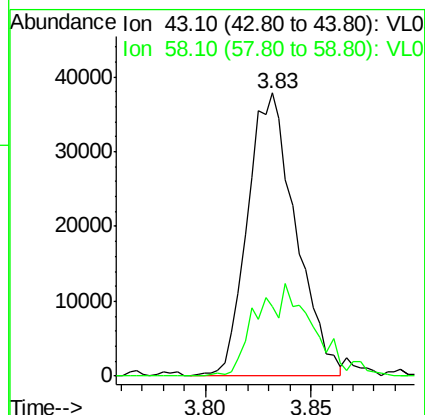
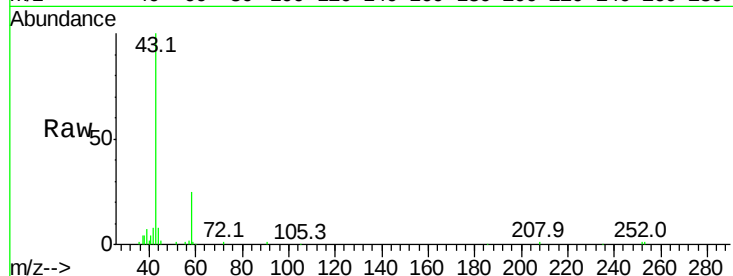




#15
Acetone
Concen: 0.423 ppbv
RT: 3.83 min Scan# 325
Delta R.T. 0.01 min
Lab File: VL035272.D
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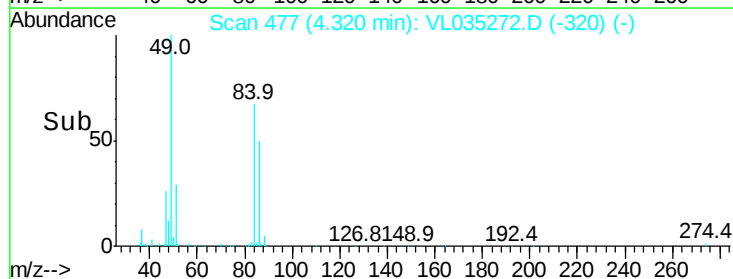
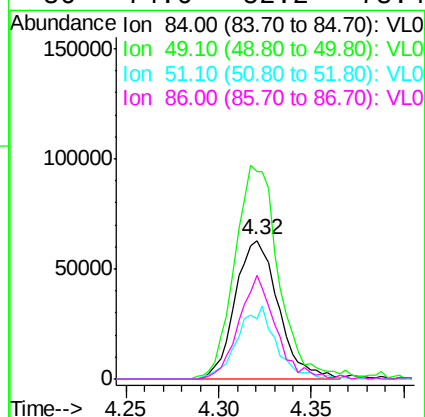
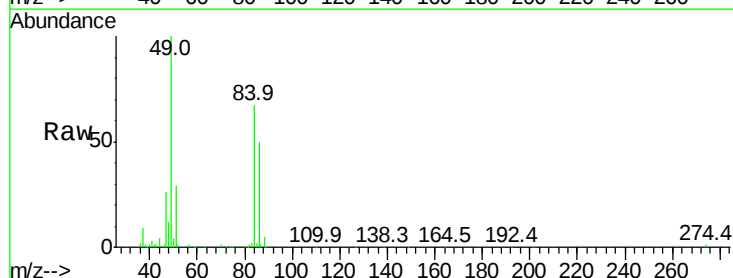
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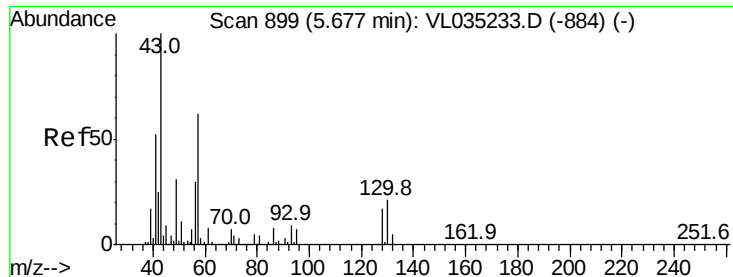
Tgt Ion: 43 Resp: 60115
Ion Ratio Lower Upper
43 100
58 38.7 21.8 32.6#



#20
Methylene Chloride
Concen: 1.575 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.00 min
Lab File: VL035272.D
Acq: 30 Jul 2020 8:51

Tgt Ion: 84 Resp: 101979
Ion Ratio Lower Upper
84 100
49 149.5 121.0 181.4
51 44.4 37.7 56.5
86 74.6 52.2 78.4

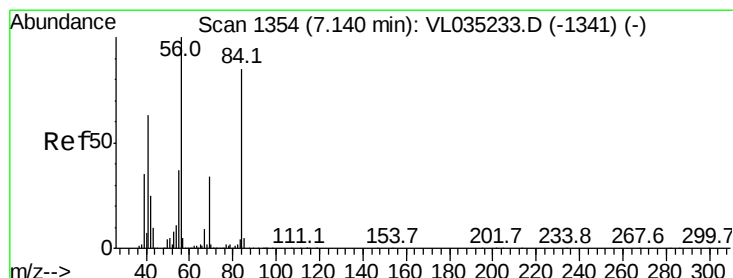
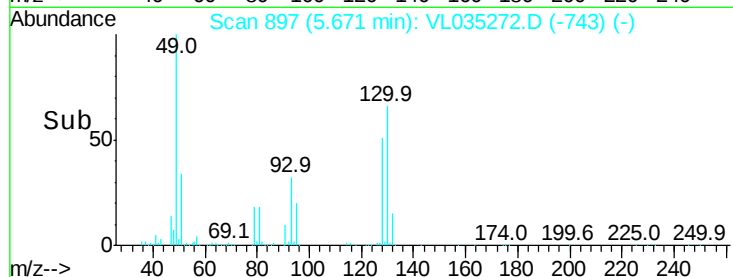
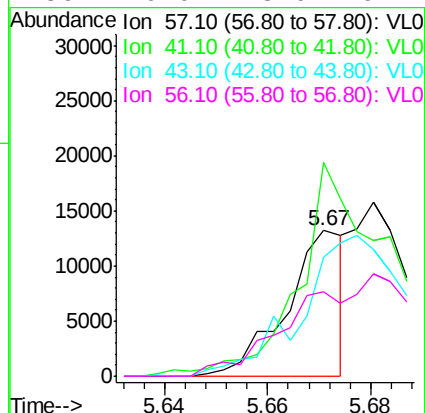
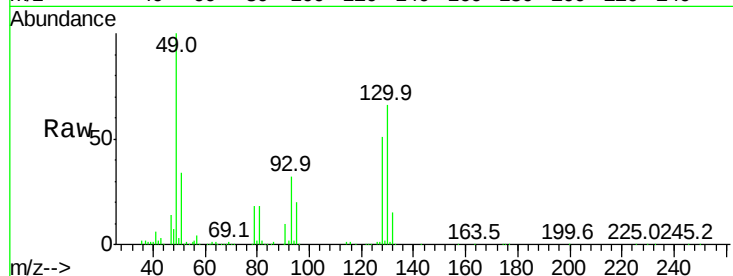




#26
Hexane
Concen: 0.103 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL035272.D
Acq: 30 Jul 2020 8:51

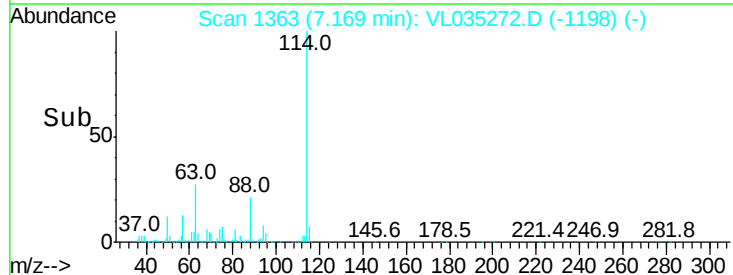
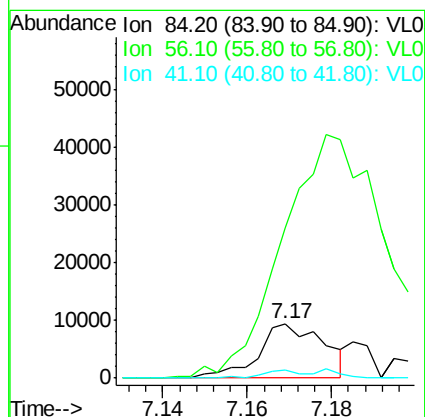
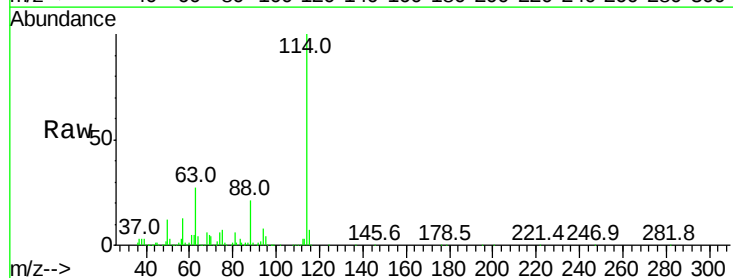
Instrument :
MSVOA_L
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QC CAN 10320

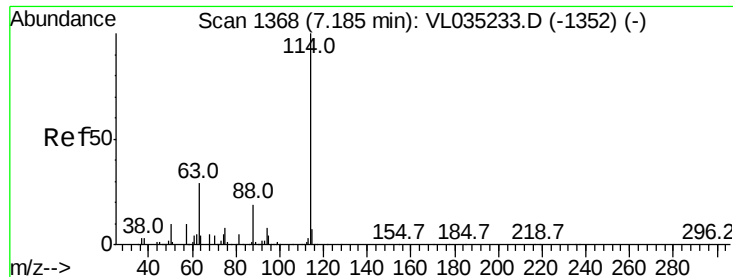
Tgt Ion: 57 Resp: 10328
Ion Ratio Lower Upper
57 100
41 249.8 73.9 110.9#
43 0.0 177.6 266.4#
56 0.0 43.0 64.4#



#30
Cyclohexane
Concen: 0.142 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.03 min
Lab File: VL035272.D
Acq: 30 Jul 2020 8:51

Tgt Ion: 84 Resp: 10148
Ion Ratio Lower Upper
84 100
56 0.0 104.2 156.2#
41 0.0 63.7 95.5#

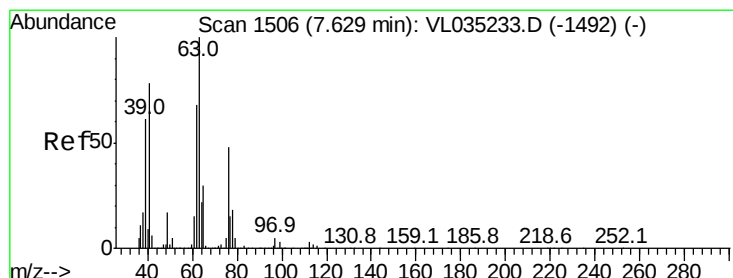
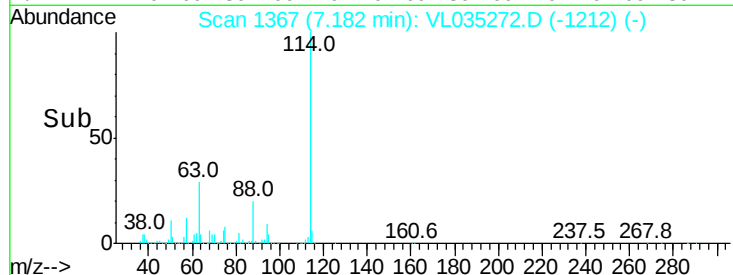
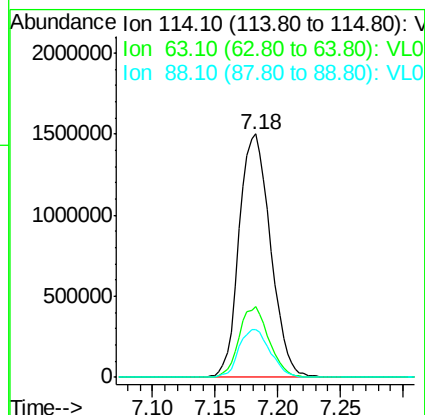
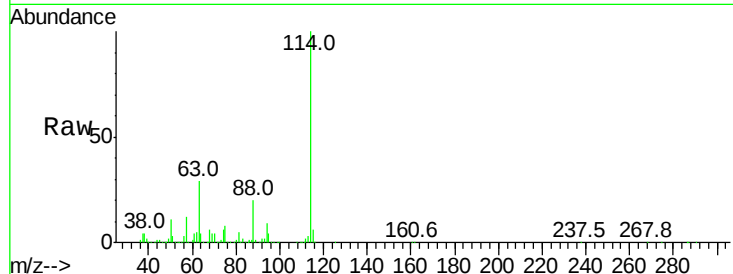




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VL035272.D
 Acq: 30 Jul 2020 8:51

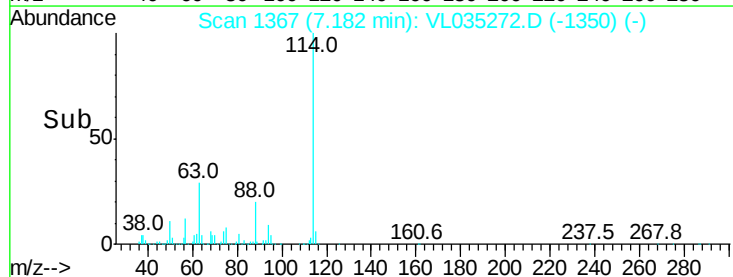
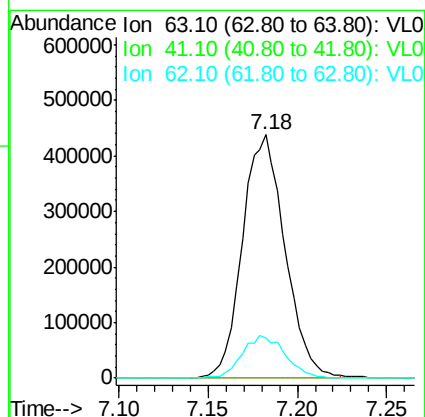
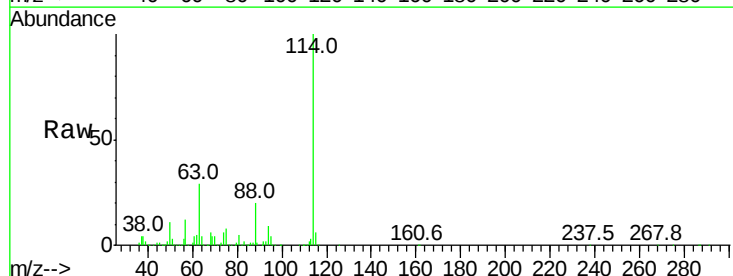
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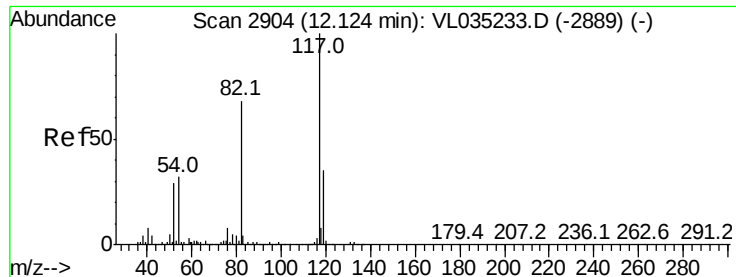
Tgt Ion: 114 Resp: 2617535
 Ion Ratio Lower Upper
 114 100
 63 27.9 22.2 33.2
 88 19.6 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 10.017 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.45 min
 Lab File: VL035272.D
 Acq: 30 Jul 2020 8:51

Tgt Ion: 63 Resp: 727027
 Ion Ratio Lower Upper
 63 100
 41 0.2 62.2 93.4#
 62 16.6 54.2 81.2#

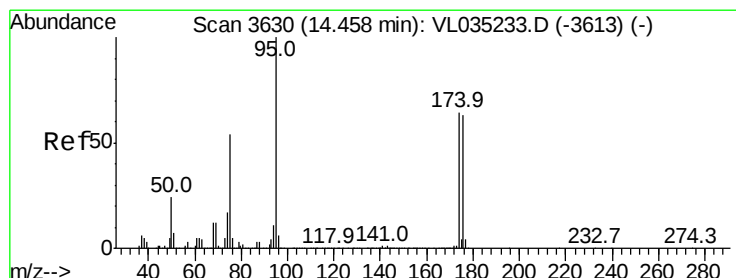
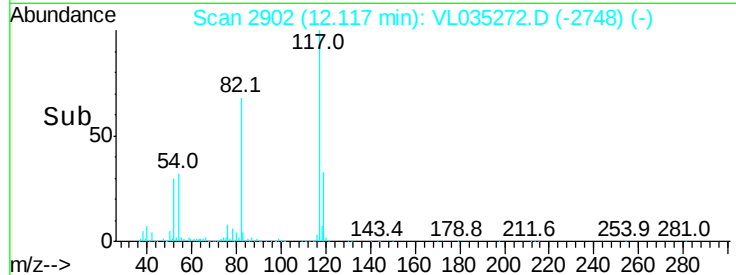
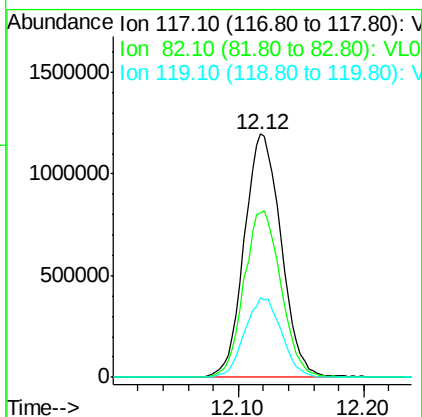
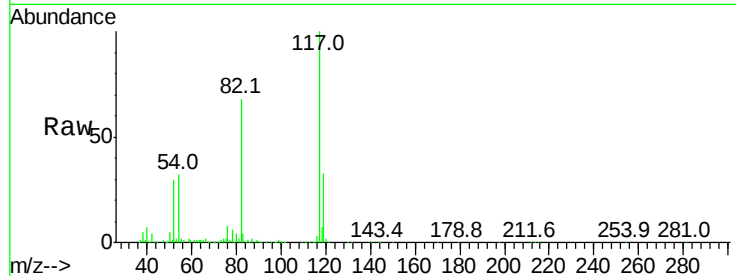




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL035272.D
Acq: 30 Jul 2020 8:51

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10320

Tgt Ion: 117 Resp: 2441755
Ion Ratio Lower Upper
117 100
82 69.2 52.4 78.6
119 32.8 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.334 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. -0.00 min
Lab File: VL035272.D
Acq: 30 Jul 2020 8:51

Tgt Ion: 95 Resp: 2016371
Ion Ratio Lower Upper
95 100
174 65.0 52.7 79.1
175 4.7 3.9 5.9

