

Data File : VL035303.D
Acq On : 31 Jul 2020 13:52
Operator : SY/AP
Sample : CAN 10312
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10312

Quant Time: Jul 31 15:23:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1000379	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2452699	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2232802	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1836281	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

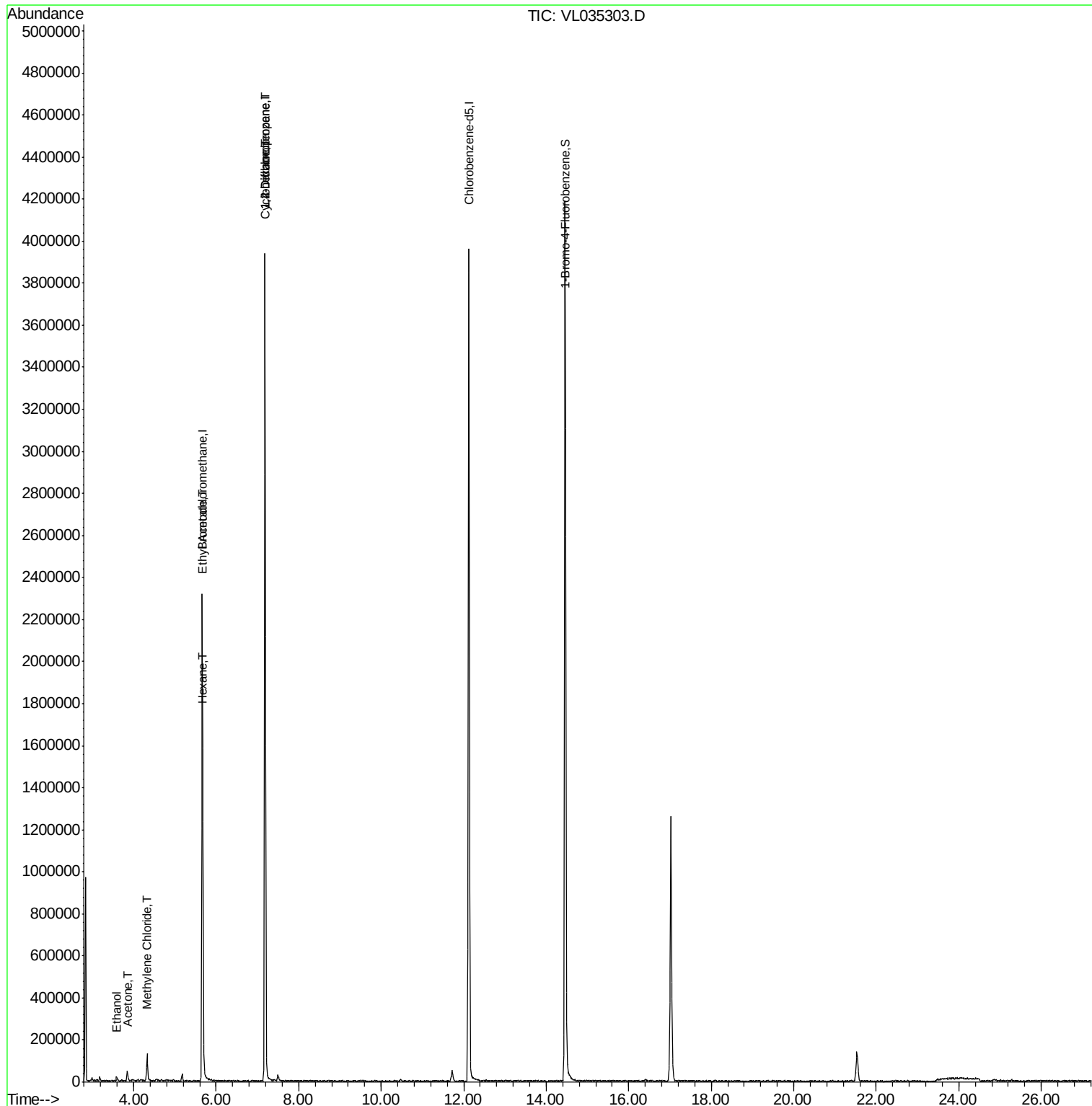
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.58	45	4990	0.318	ppbv #	1
15) Acetone	3.84	43	35437	0.266	ppbv #	48
20) Methylene Chloride	4.33	84	44575	0.734	ppbv	95
25) Ethyl Acetate	5.68	43	8052	0.039	ppbv #	74
26) Hexane	5.68	57	10814	0.115	ppbv #	29
30) Cyclohexane	7.17	84	8976	0.134	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	671999	9.881	ppbv #	23

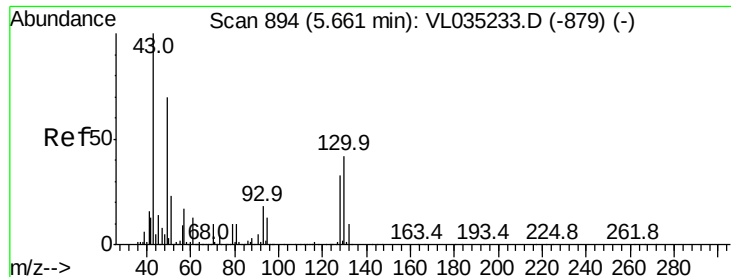
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

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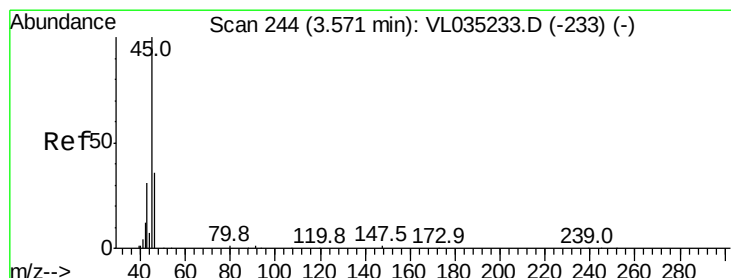
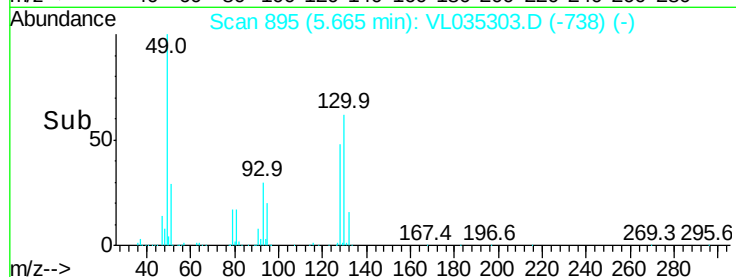
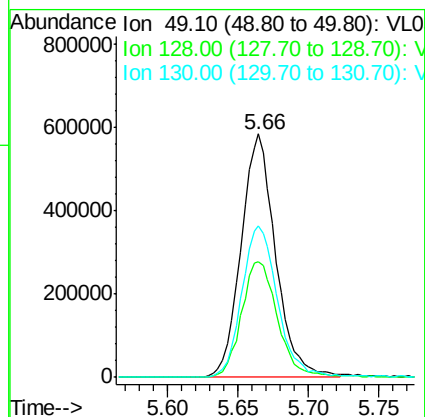
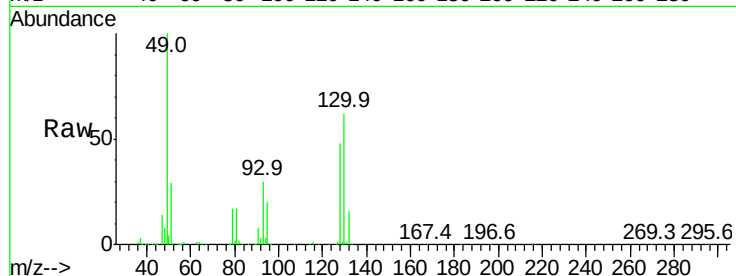
Tgt Ion: 49 Resp: 1000379

Ion Ratio Lower Upper

49 100

128 50.4 24.0 72.0

130 65.0 30.7 92.1



#13

Ethanol

Concen: 0.318 ppbv

RT: 3.58 min Scan# 248

Delta R.T. 0.01 min

Lab File: VL035303.D

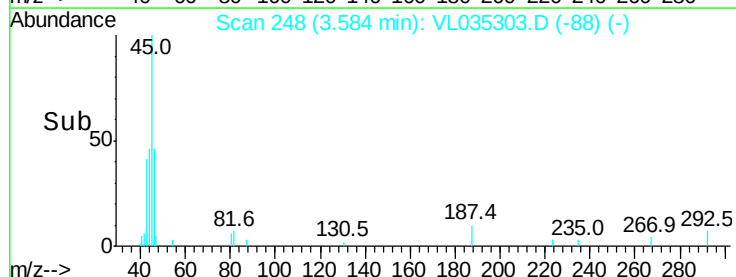
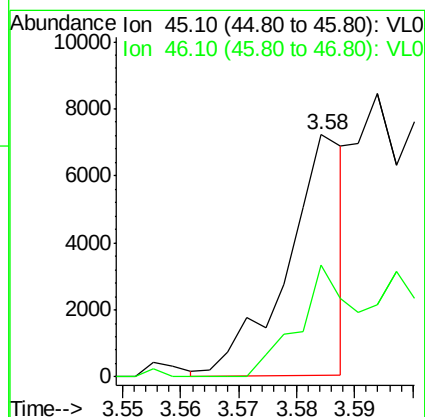
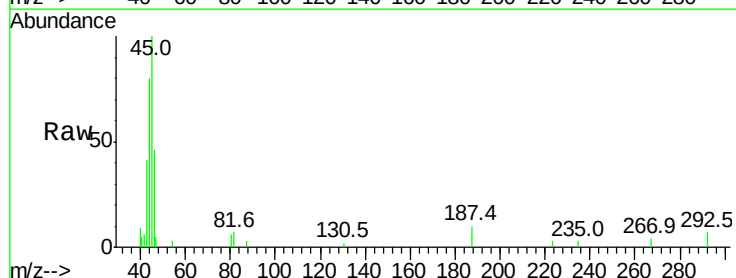
Acq: 31 Jul 2020 13:52

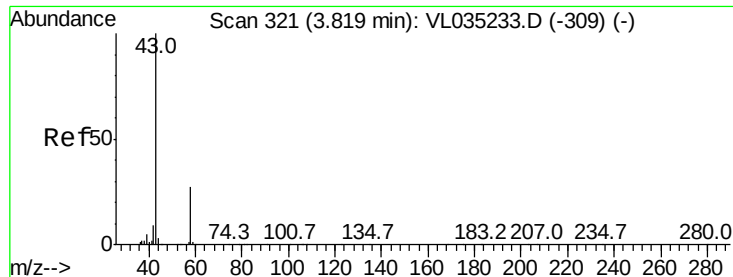
Tgt Ion: 45 Resp: 4990

Ion Ratio Lower Upper

45 100

46 126.9 15.8 63.4#





#15

Acetone

Concen: 0.266 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.03 min

Lab File: VL035303.D

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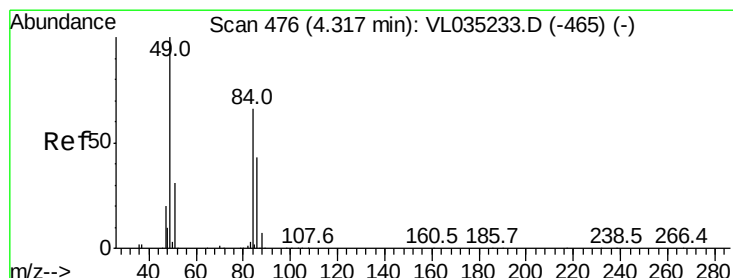
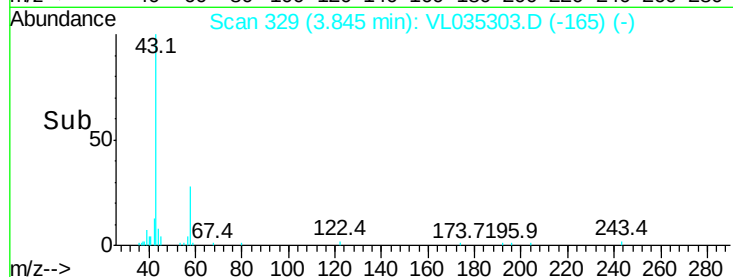
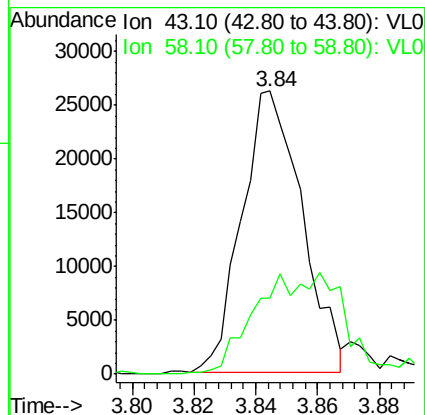
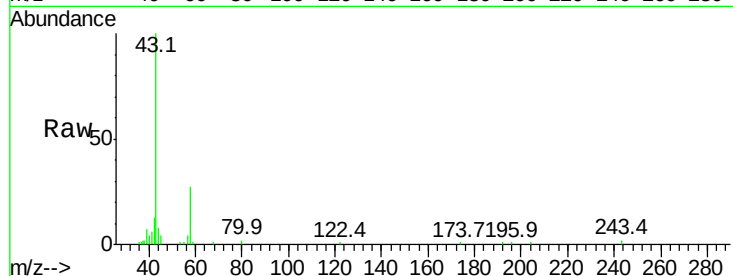
CAN 10312

Tgt Ion: 43 Resp: 35437

Ion Ratio Lower Upper

43 100

58 0.0 21.8 32.6#



#20

Methylene Chloride

Concen: 0.734 ppbv

RT: 4.33 min Scan# 479

Delta R.T. 0.01 min

Lab File: VL035303.D

Acq: 31 Jul 2020 13:52

Tgt Ion: 84 Resp: 44575

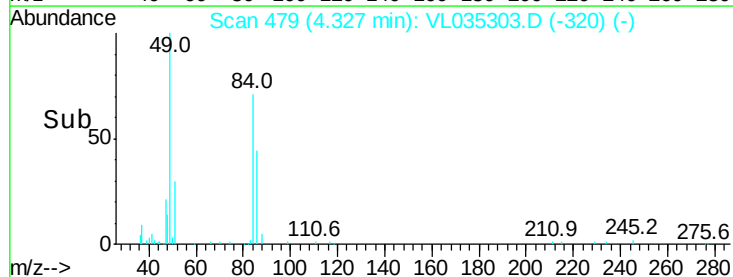
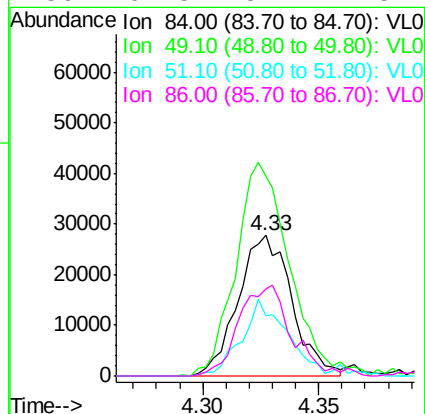
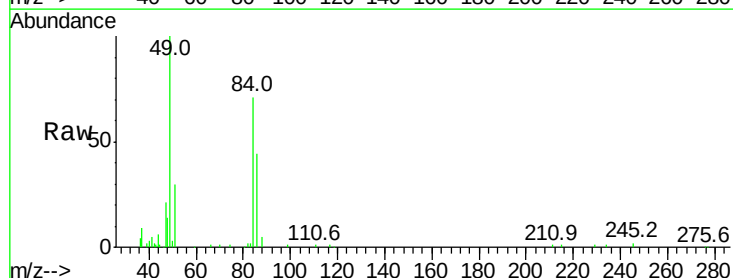
Ion Ratio Lower Upper

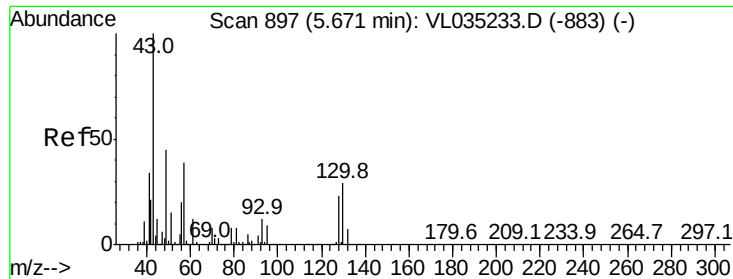
84 100

49 146.2 121.0 181.4

51 42.7 37.7 56.5

86 61.5 52.2 78.4

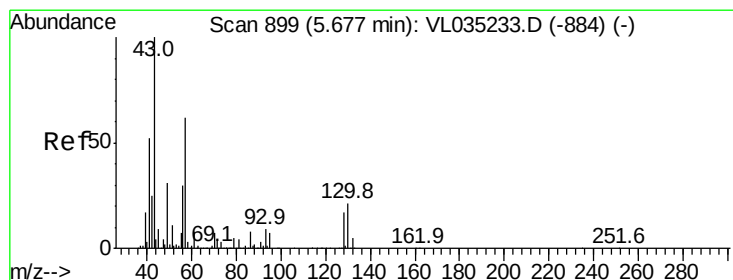
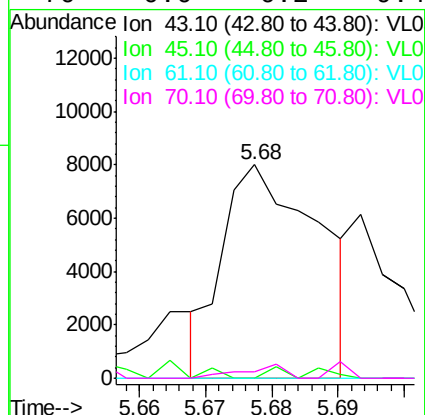
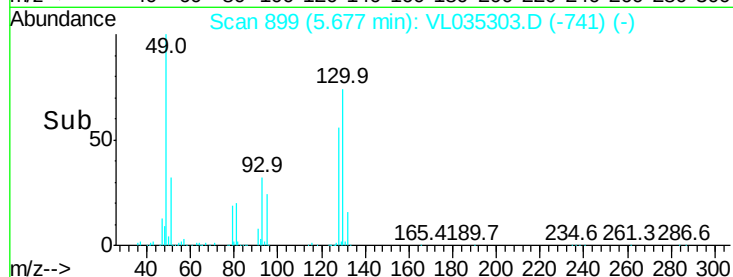
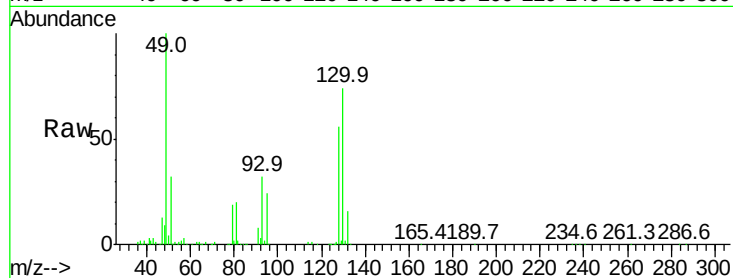




#25
Ethyl Acetate
Concen: 0.039 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL035303.D
Acq: 31 Jul 2020 13:52

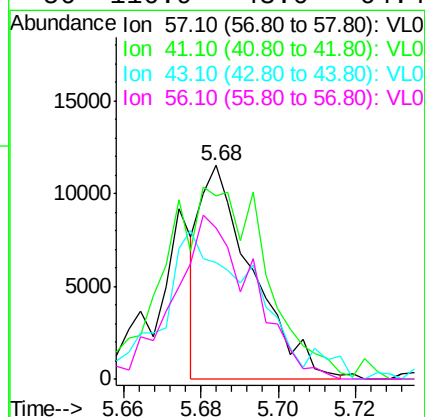
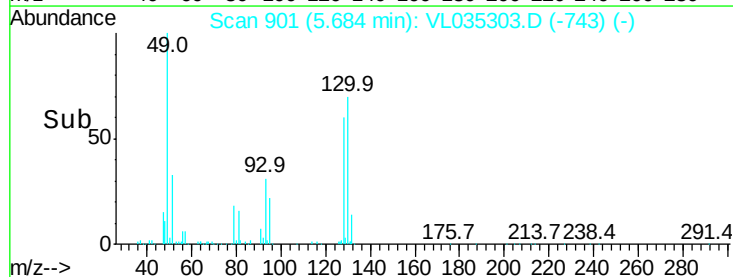
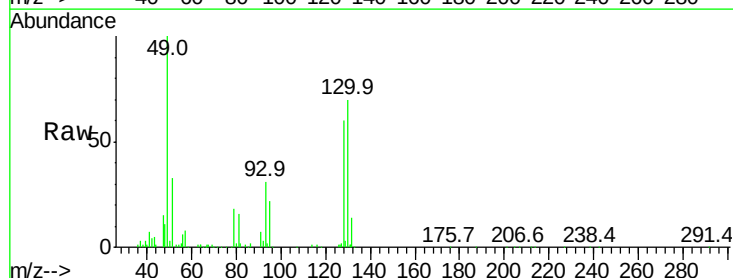
Instrument :
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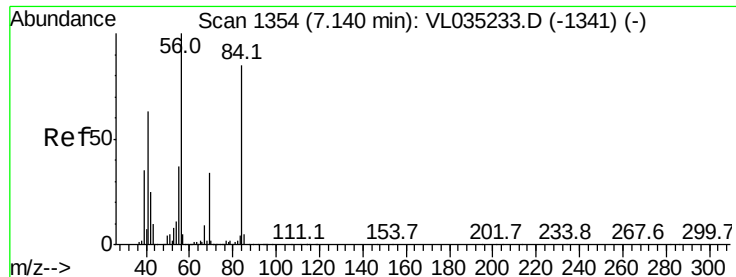
Tgt Ion:	43	Resp:	8052
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.5	12.7#
61	0.0	8.1	12.1#
70	0.0	6.2	9.4#



#26
Hexane
Concen: 0.115 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035303.D
Acq: 31 Jul 2020 13:52

Tgt Ion:	57	Resp:	10814
Ion	Ratio	Lower	Upper
57	100		
41	179.2	73.9	110.9#
43	126.1	177.6	266.4#
56	116.9	43.0	64.4#

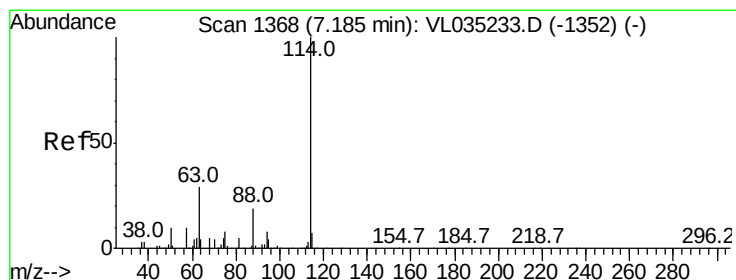
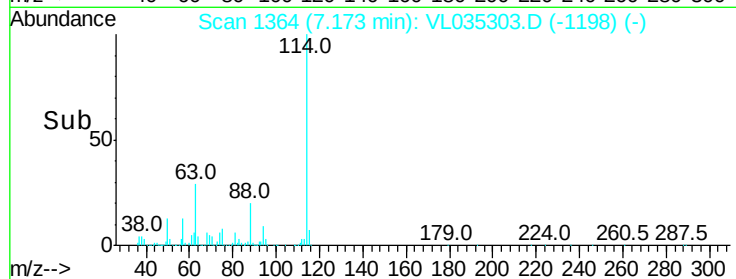
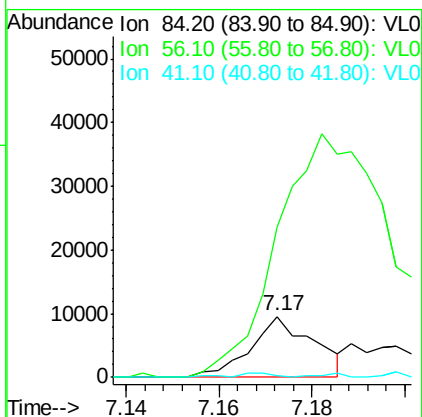
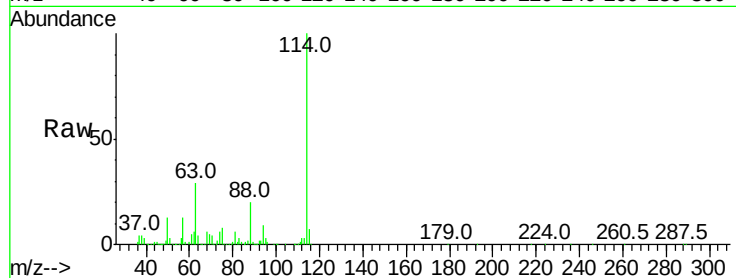




#30
Cyclohexane
Concen: 0.134 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.03 min
Lab File: VL035303.D
Acq: 31 Jul 2020 13:52

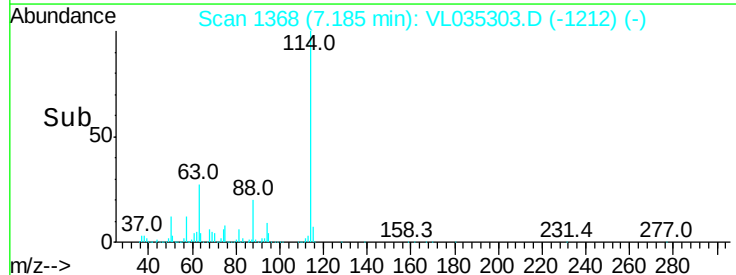
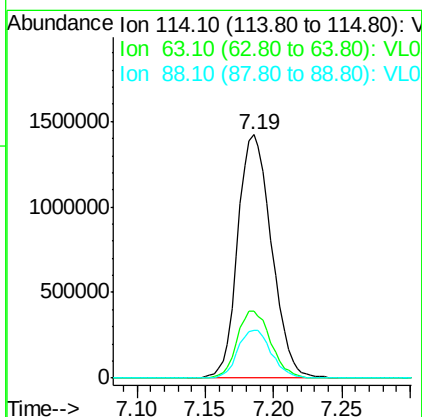
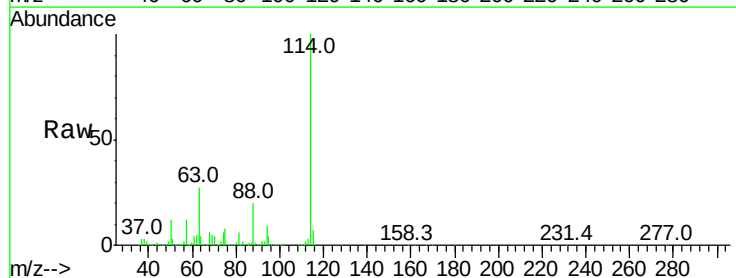
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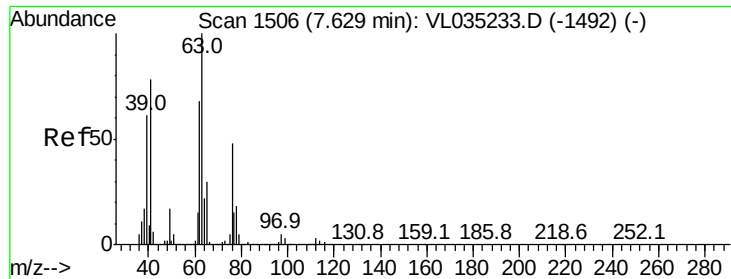
Tgt Ion: 84 Resp: 8976
Ion Ratio Lower Upper
84 100
56 0.0 104.2 156.2#
41 4.9 63.7 95.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VL035303.D
Acq: 31 Jul 2020 13:52

Tgt Ion: 114 Resp: 2452699
Ion Ratio Lower Upper
114 100
63 27.6 22.2 33.2
88 19.6 15.4 23.0





#39

1,2-Dichloropropane

Concen: 9.881 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.45 min

Lab File: VL035303.D

Acq: 31 Jul 2020 13:52

Instrument :

MSVOA_L

ClientSampleId :

CAN 10312

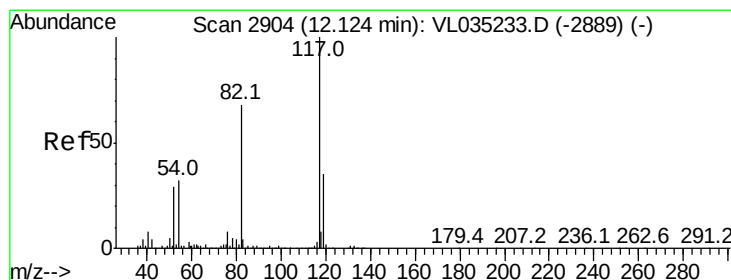
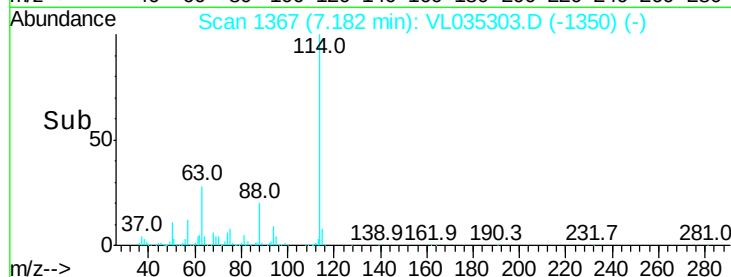
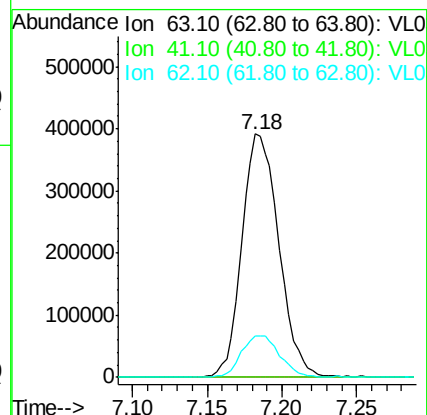
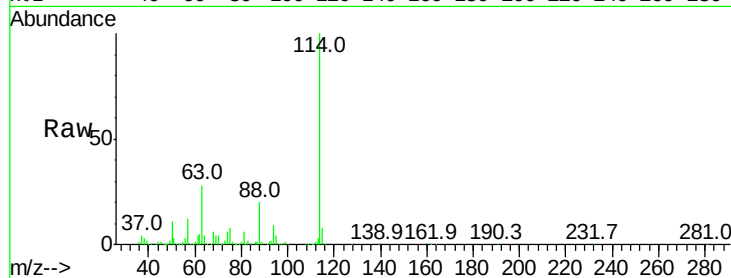
Tgt Ion: 63 Resp: 671999

Ion Ratio Lower Upper

63 100

41 0.1 62.2 93.4#

62 17.1 54.2 81.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2904

Delta R.T. 0.00 min

Lab File: VL035303.D

Acq: 31 Jul 2020 13:52

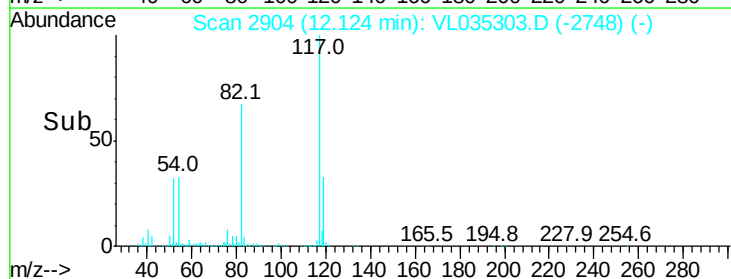
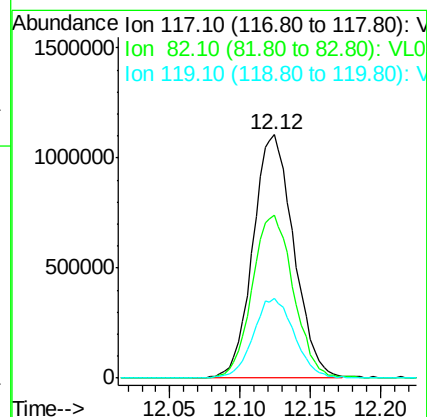
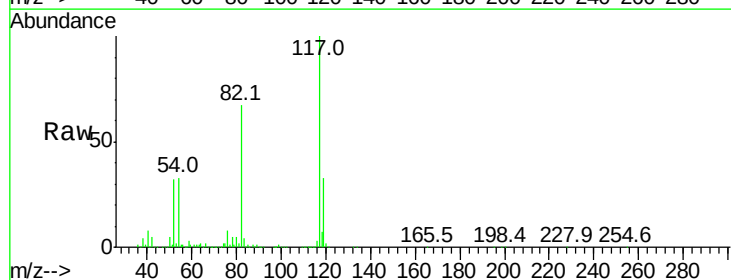
Tgt Ion: 117 Resp: 2232802

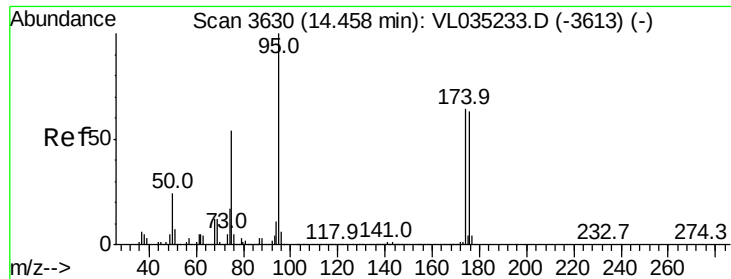
Ion Ratio Lower Upper

117 100

82 68.4 52.4 78.6

119 33.2 24.6 36.8





#68

1-Bromo-4-Fluorobenzene

Concen: 10.292 ppbv

RT: 14.46 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VL035303.D

Acq: 31 Jul 2020 13:52

Instrument :

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ClientSampleId :

CAN 10312

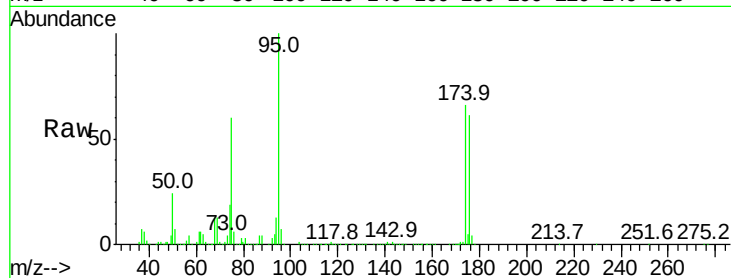
Tgt Ion: 95 Resp: 1836281

Ion Ratio Lower Upper

95 100

174 65.7 52.7 79.1

175 4.6 3.9 5.9



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

