

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050219\
 Data File : VL033647.D
 Acq On : 3 May 2019 3:42
 Operator : SY/AP
 Sample : K2628-11DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-11DL

Manual Integrations
 APPROVED

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 5/4/2019 7:19:03 AM

Quant Time: May 03 04:49:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050119AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 03 04:49:21 2019
 QLast Update : Thu May 02 06:29:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	890472	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2114201	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2216137	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1812200	10.74	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	13175	0.098	ppbv	95
13) Ethanol	3.66	45	56671m	4.100	ppbv	
15) Acetone	3.91	43	52479	0.484	ppbv	96
53) Toluene	9.94	91	61878	0.272	ppbv	98

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

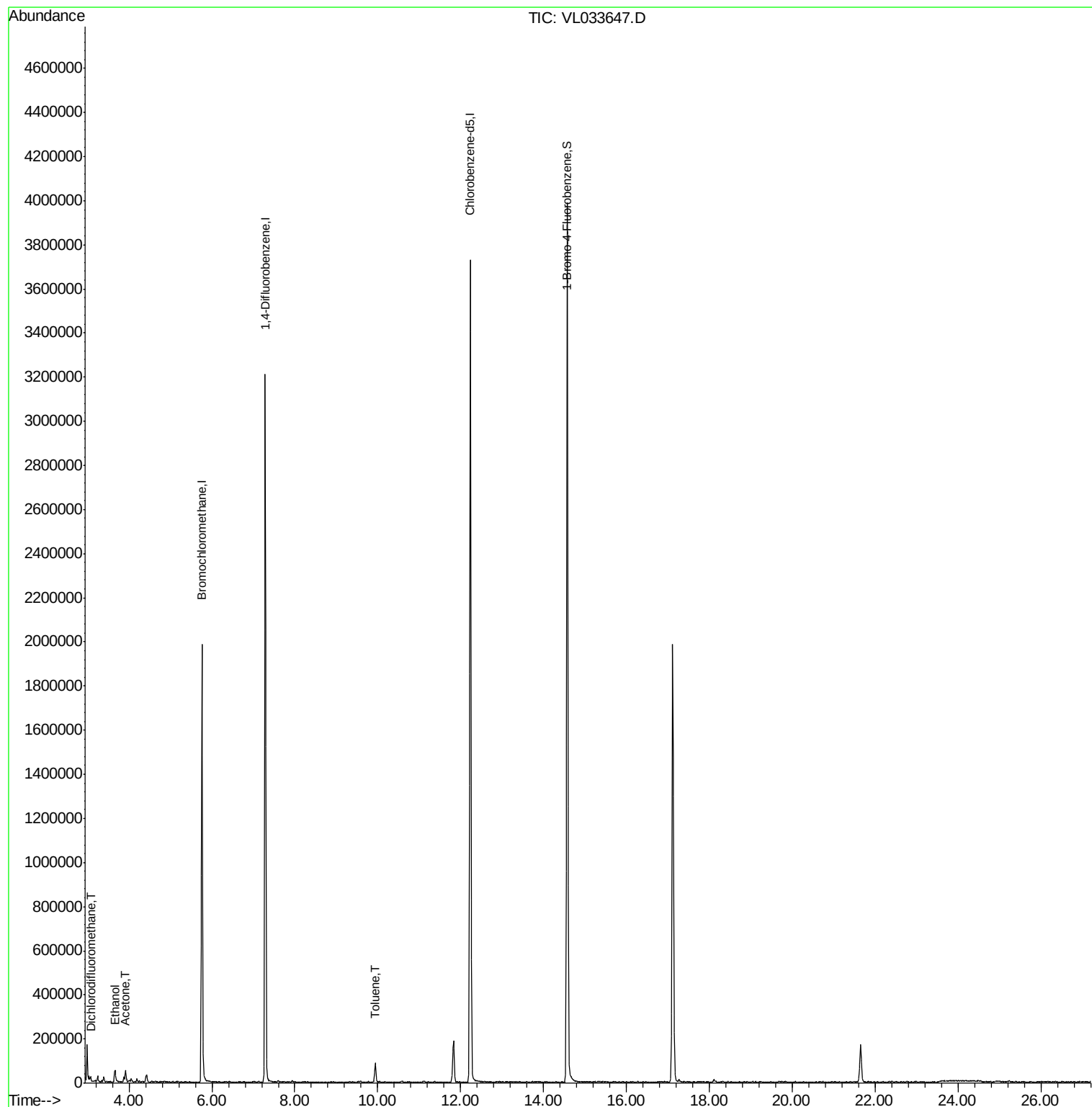
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL050219\
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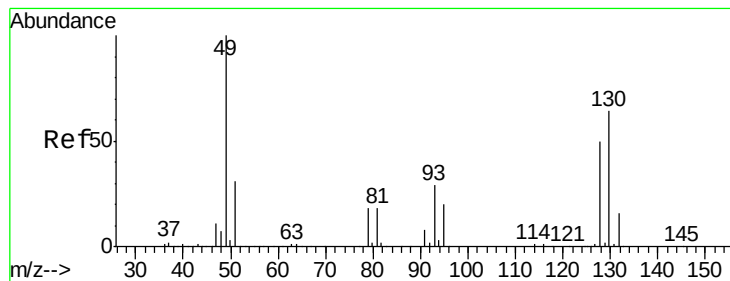
Instrument :
MSVOA_L
ClientSampleId :
A-11DL

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Quant Time: May 03 04:49:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050119AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 02 06:29:02 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. 0.00 min

Lab File: VL033647.D

Acq: 3 May 2019 3:42

Instrument :

MSVOA_L

ClientSampleId :

A-11DL

Tot Ion: 49 Resp: 890472
Ion Ratio Lower Upper

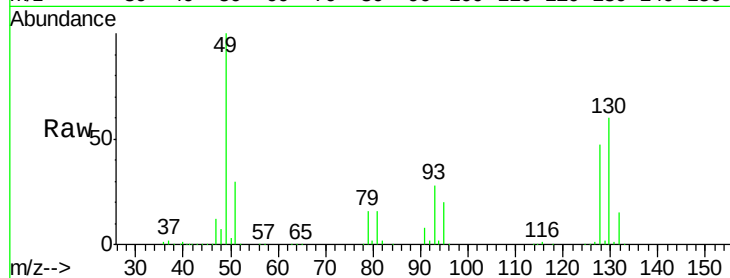
49 100

128 48.5 25.0 75.0

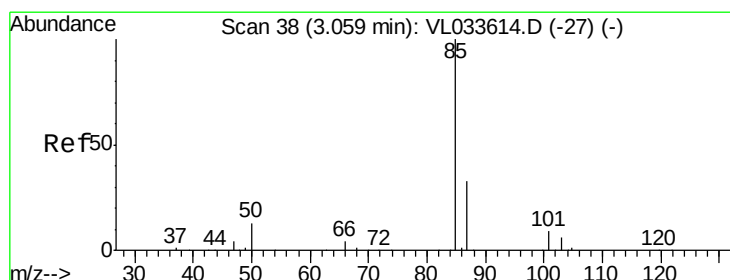
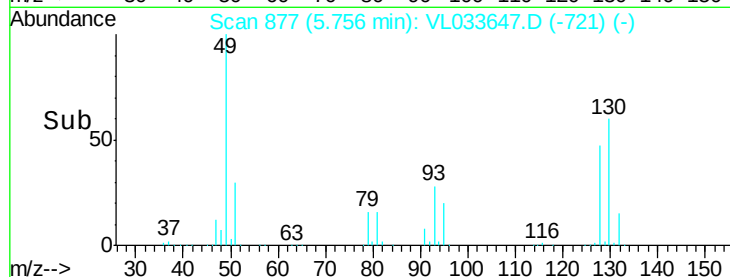
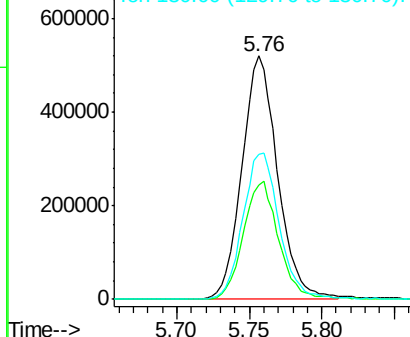
130 62.2 31.9 95.9

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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



#2

Dichlorodifluoromethane

Concen: 0.098 ppbv

RT: 3.08 min Scan# 44

Delta R.T. 0.02 min

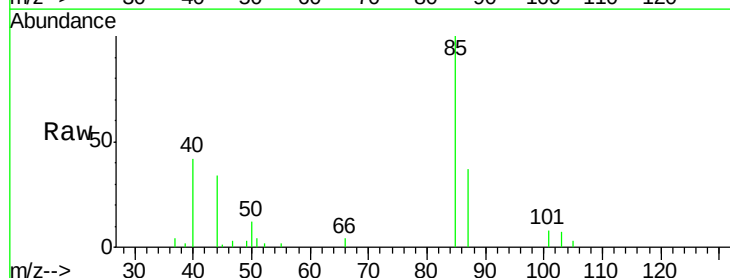
Lab File: VL033647.D

Acq: 3 May 2019 3:42

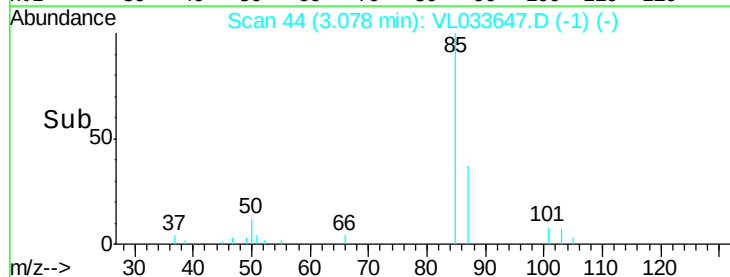
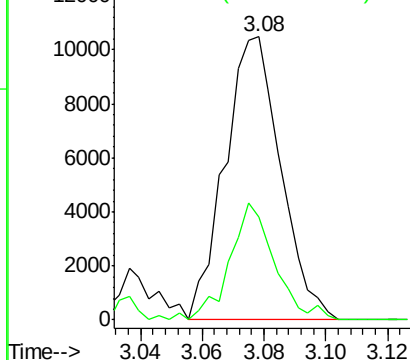
Tgt Ion: 85 Resp: 13175
Ion Ratio Lower Upper

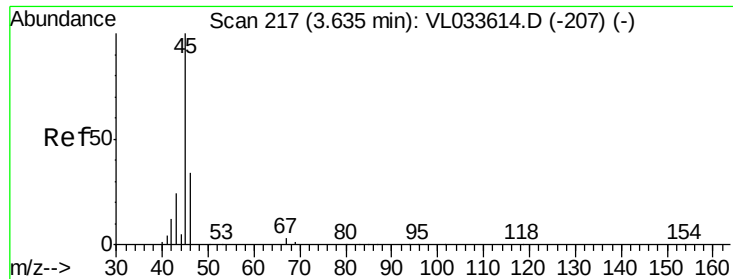
85 100

87 36.5 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0





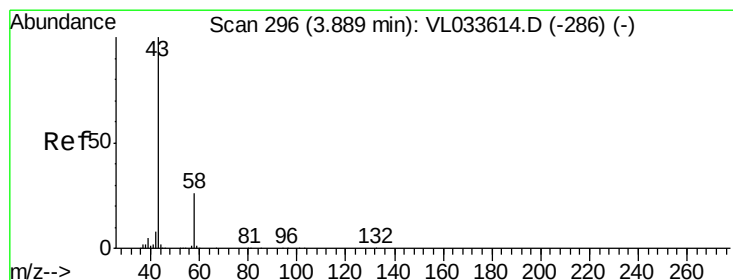
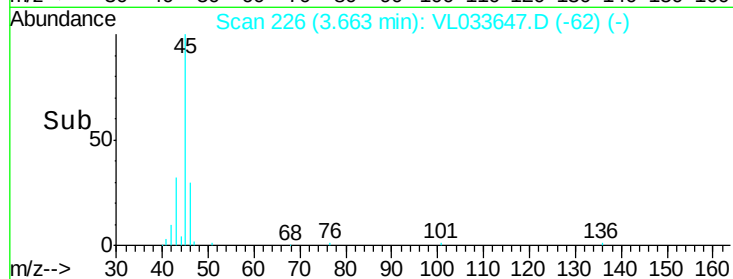
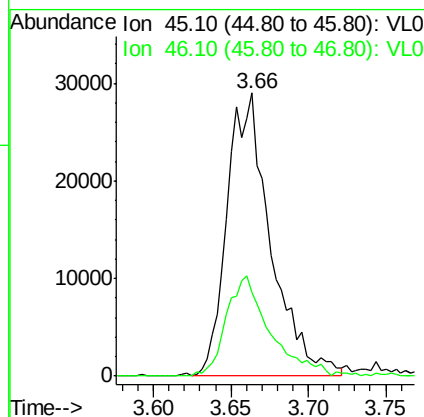
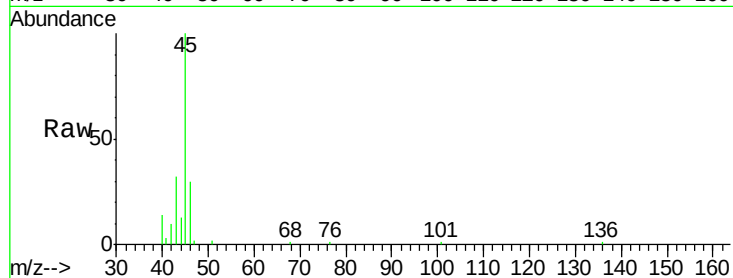
#13
Ethanol
Concen: 4.100 ppbv m
RT: 3.66 min Scan# 226
Delta R.T. 0.03 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Instrument :
MSVOA_L
ClientSampleId :
A-11DL

Tot Ion: 45 Resp: 56671
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2#

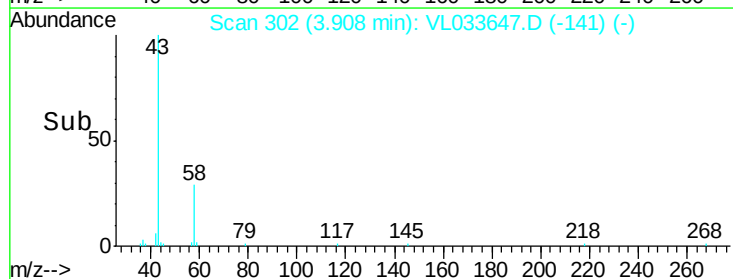
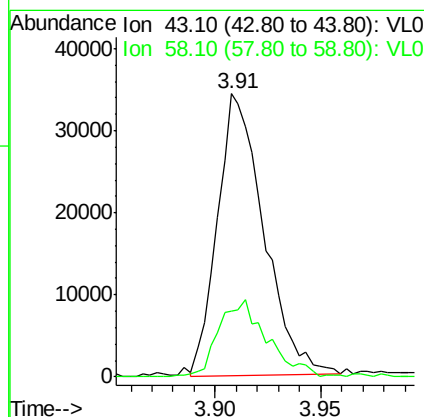
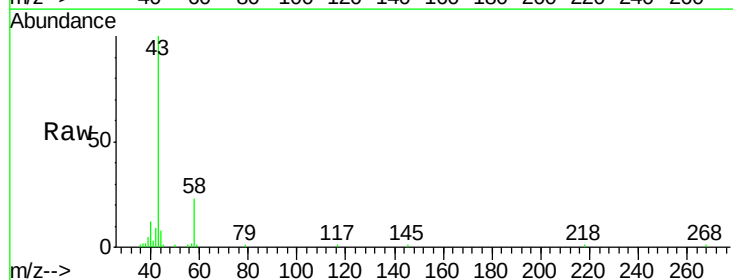
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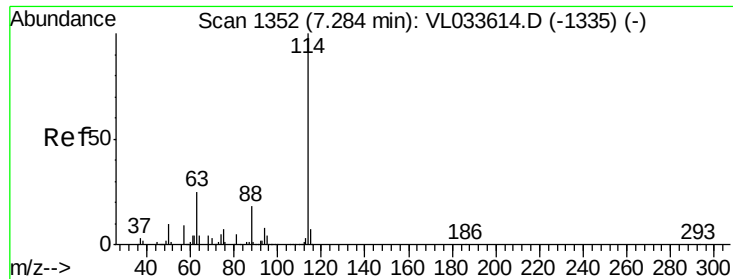
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#15
Acetone
Concen: 0.484 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.02 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Tgt Ion: 43 Resp: 52479
Ion Ratio Lower Upper
43 100
58 28.6 21.2 31.8





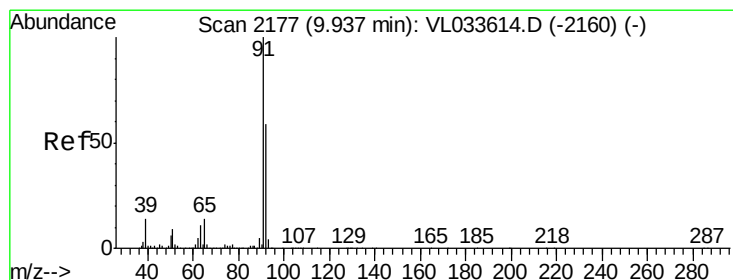
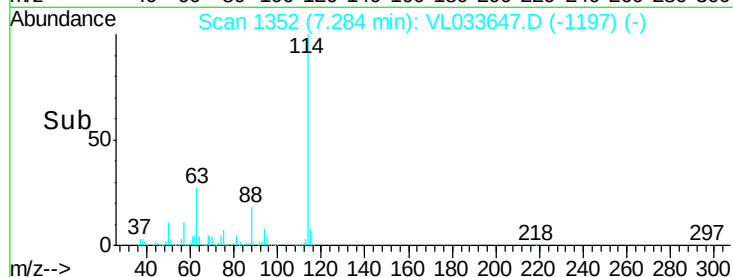
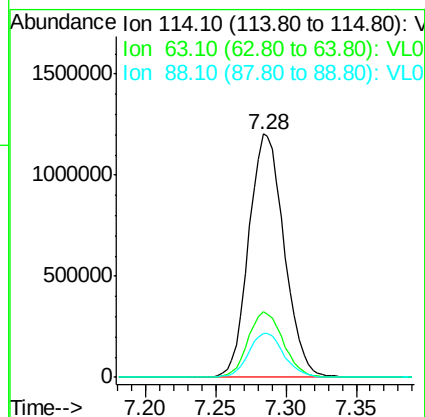
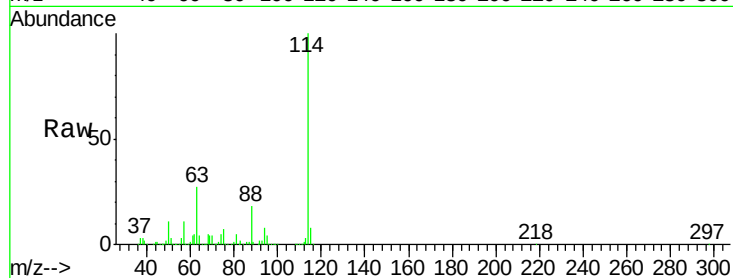
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: VL033647.D
 Acq: 3 May 2019 3:42

Instrument :
 MSVOA_L
 ClientSampleId :
 A-11DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.0	21.1	31.7
88	18.1	14.2	21.4

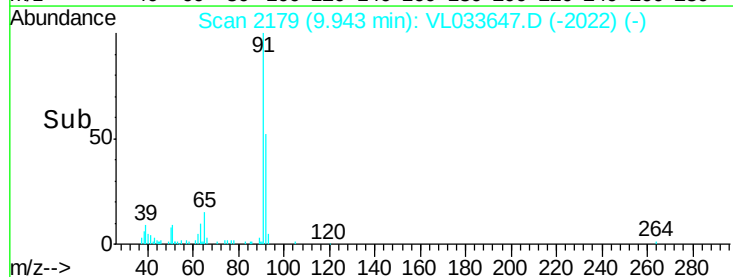
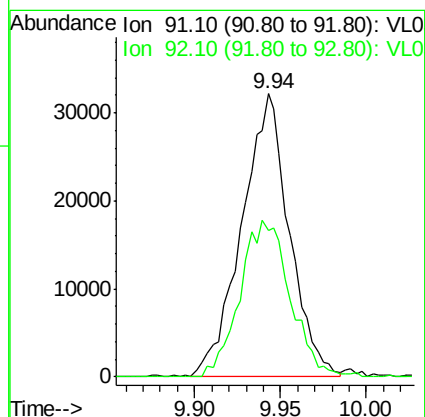
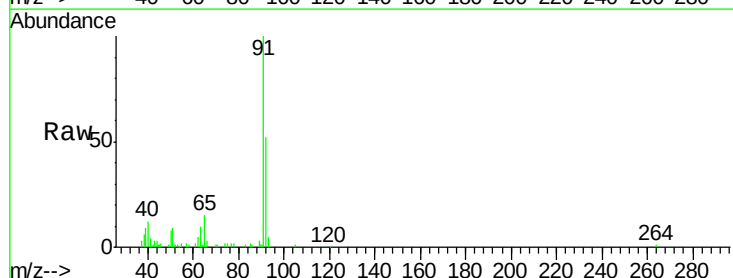
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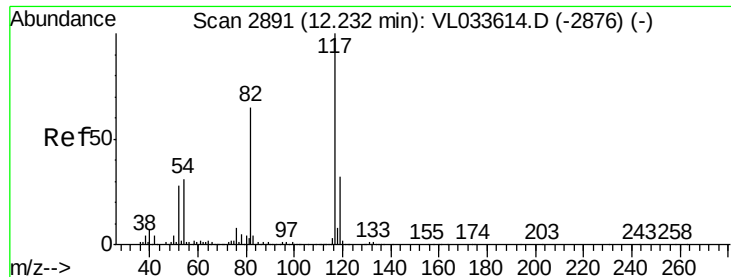
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#53
 Toluene
 Concen: 0.272 ppbv
 RT: 9.94 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VL033647.D
 Acq: 3 May 2019 3:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.2	47.8	71.6





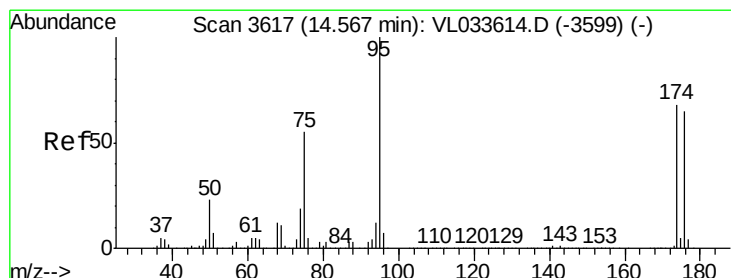
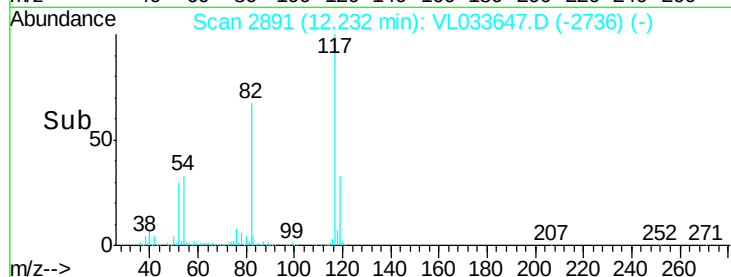
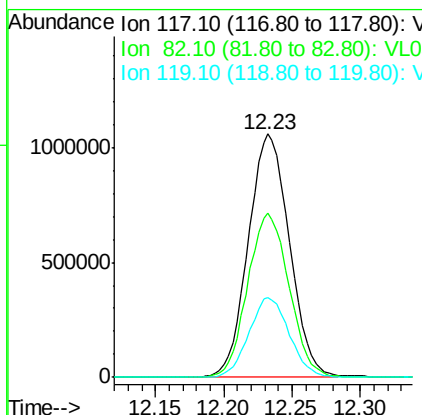
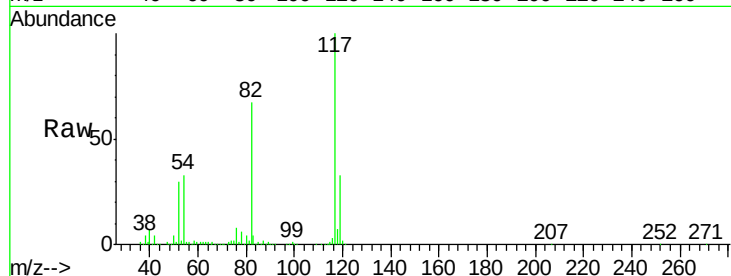
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.00 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Instrument :
MSVOA_L
ClientSampleId :
A-11DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.4	52.6	78.8
119	32.6	28.3	42.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.741 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. 0.00 min
Lab File: VL033647.D
Acq: 3 May 2019 3:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.8	53.9	80.9
175	4.6	4.0	6.0

