

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112718\
 Data File : VL032817.D
 Acq On : 27 Nov 2018 21:28
 Operator : SY/AP
 Sample : J6046-01DL2 40X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP2-SV-01DL2

Manual Integrations
 APPROVED

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 11/28/2018 4:21:30 PM

Quant Time: Nov 28 04:09:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1170560	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3065189	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2827859	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2127224	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.05	41	13065	0.35	ppbv	95
13) Ethanol	3.67	45	33585m	2.76	ppbv	
15) Acetone	3.92	43	66761	0.62	ppbv #	73
20) Methylene Chloride	4.42	84	16760m	0.30	ppbv	
34) 2-Butanone	5.35	43	156262m	0.98	ppbv	

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

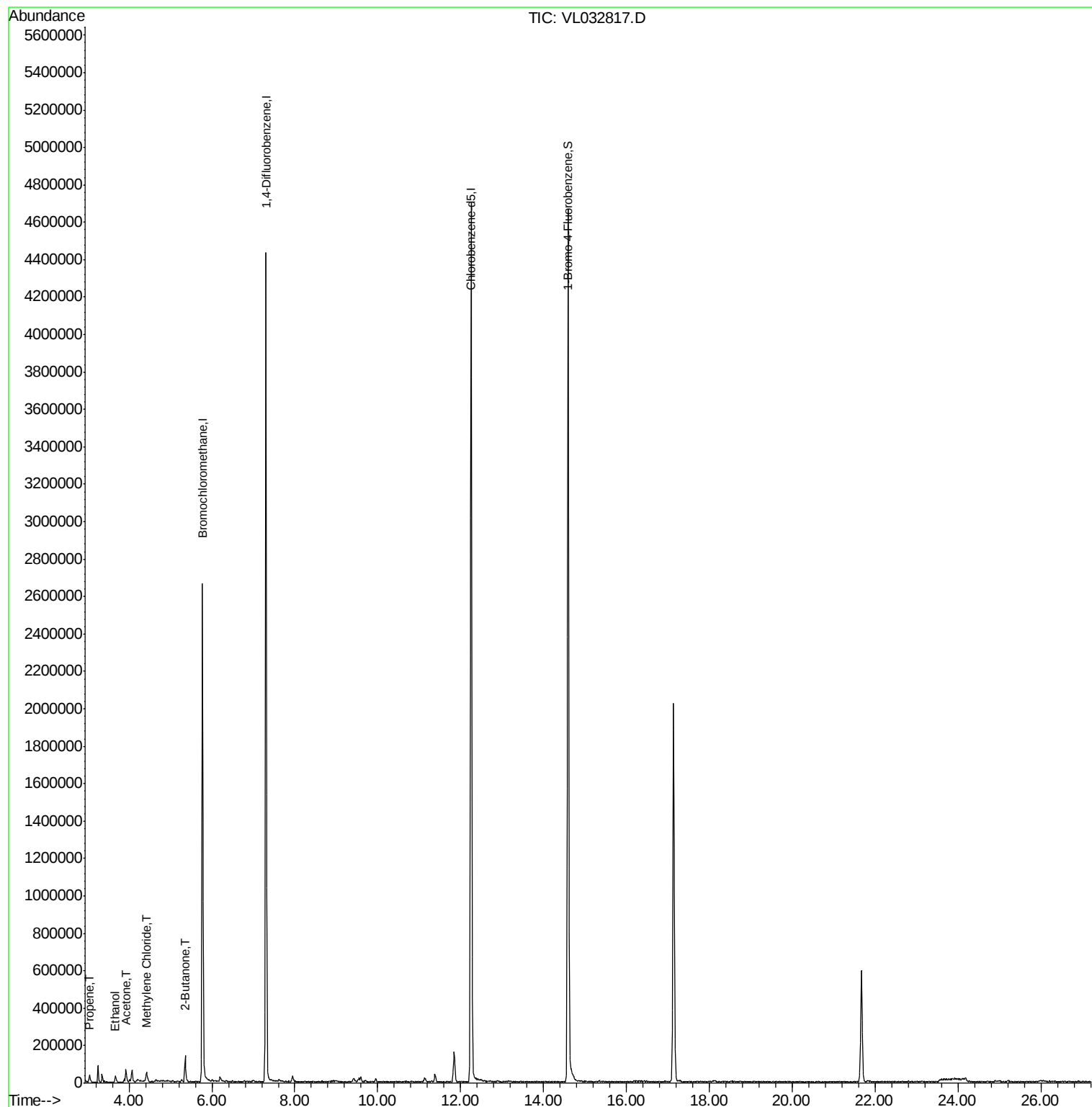
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL112718\
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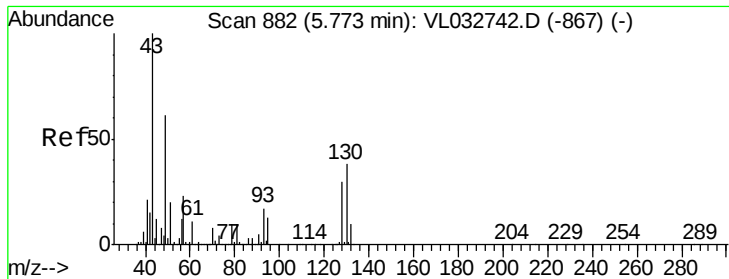
Instrument :
MSVOA_L
ClientSampleId :
EP2-SV-01DL2

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QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

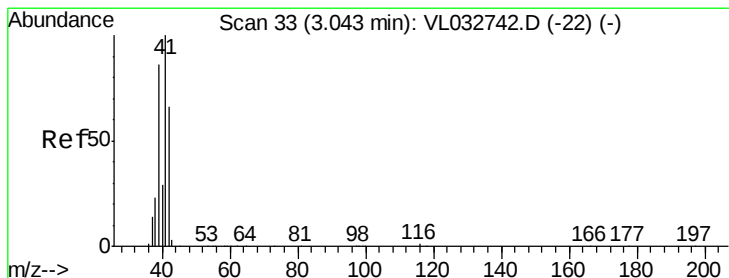
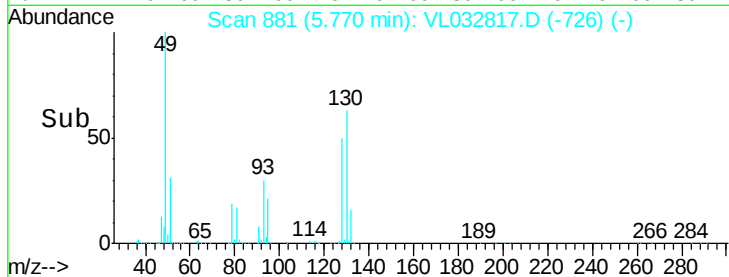
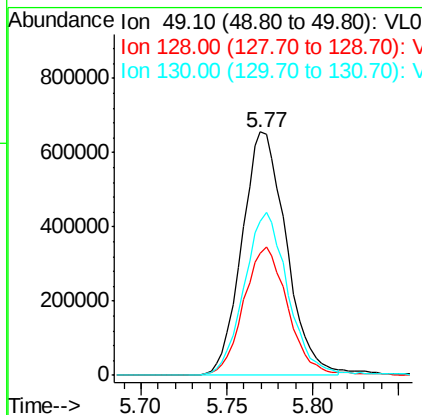
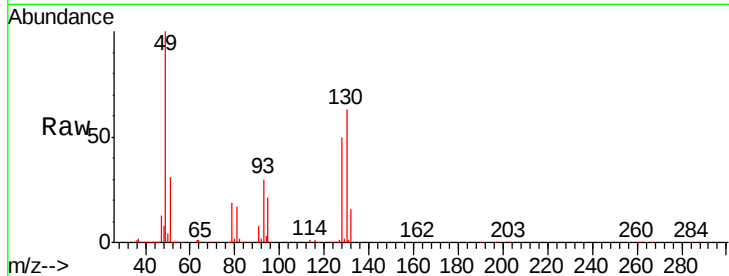
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.77 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: VL032817.D
 Acq: 27 Nov 2018 21:28

Instrument :
 MSVOA_L
 ClientSampleId :
 EP2-SV-01DL2

Tgt Ion: 49 Resp: 1170560
 Ion Ratio Lower Upper
 49 100
 128 53.2 24.9 74.6
 130 67.2 31.4 94.2

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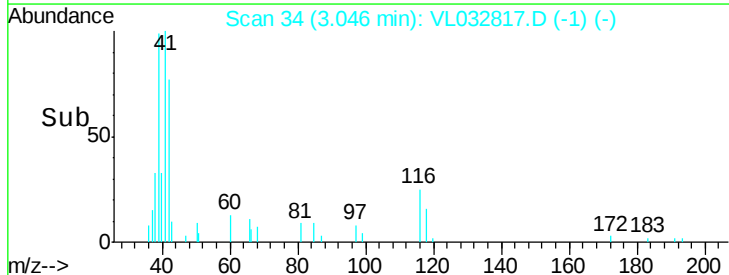
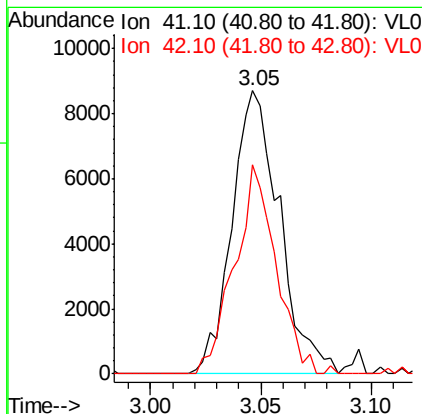
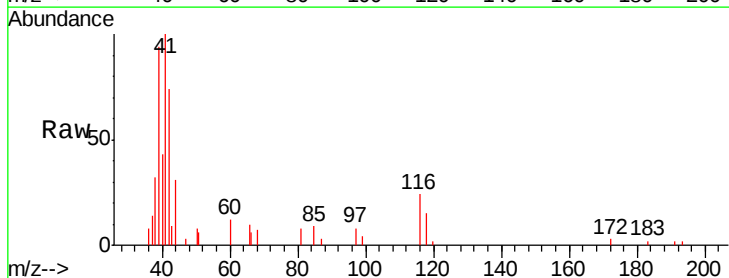
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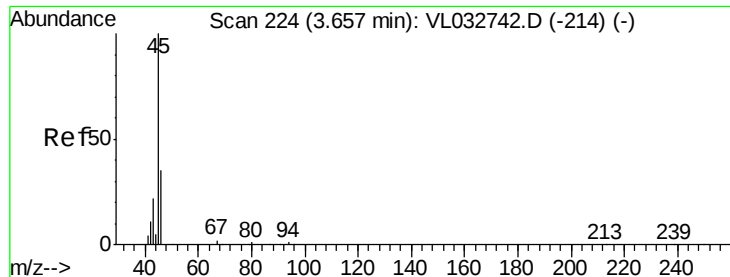


#9

Propene
 Concen: 0.35 ppbv
 RT: 3.05 min Scan# 34
 Delta R.T. 0.00 min
 Lab File: VL032817.D
 Acq: 27 Nov 2018 21:28

Tgt Ion: 41 Resp: 13065
 Ion Ratio Lower Upper
 41 100
 42 64.4 55.0 82.6





#13

Ethanol

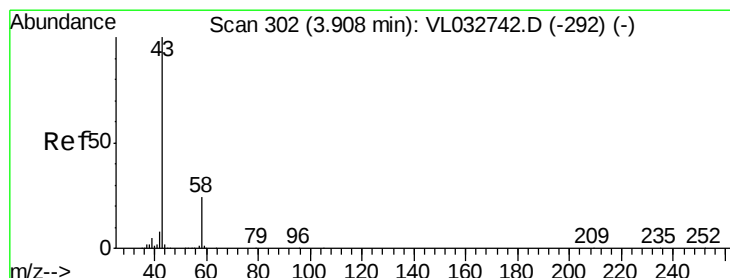
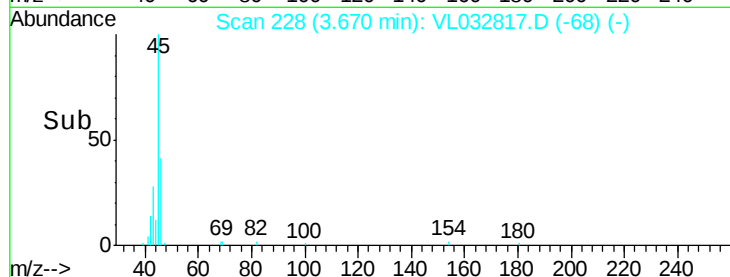
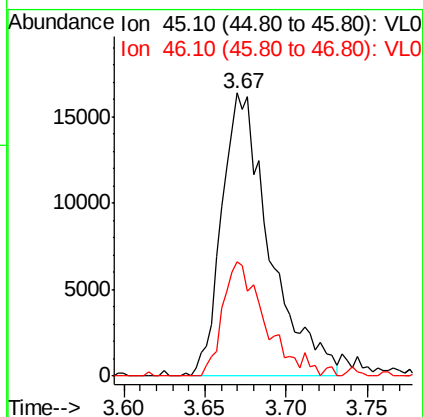
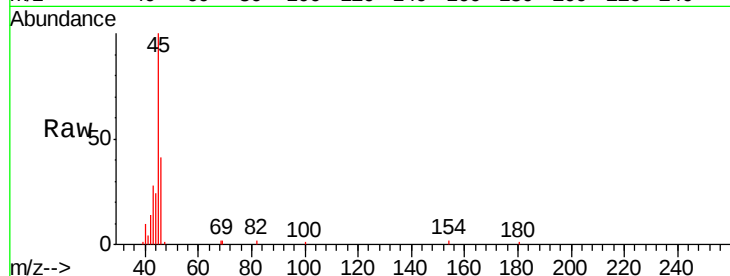
Concen: 2.76 ppbv m
RT: 3.67 min Scan# 228
Delta R.T. 0.01 min
Lab File: VL032817.D
Acq: 27 Nov 2018 21:28

Instrument :
MSVOA_L
ClientSampleId :
EP2-SV-01DL2

Tgt Ion	Ratio	Lower	Upper
45	100		
46	36.7	14.5	57.9

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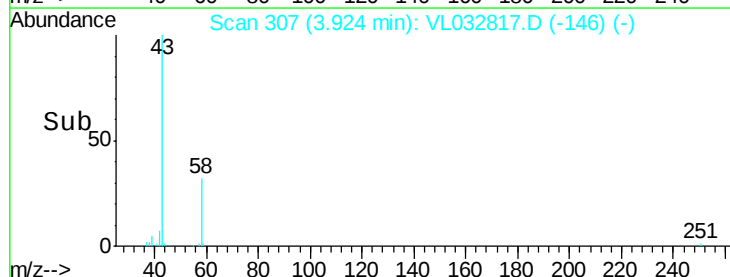
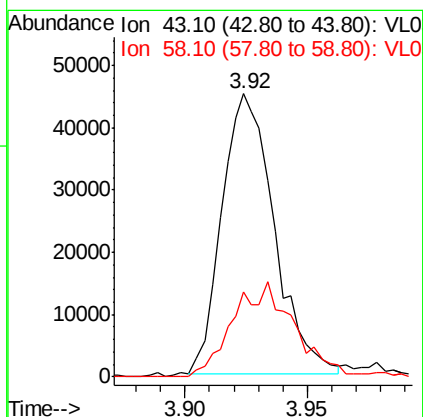
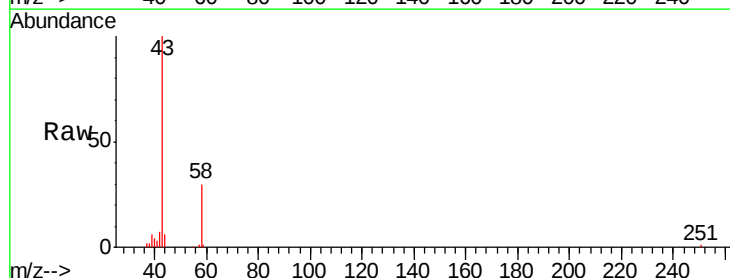


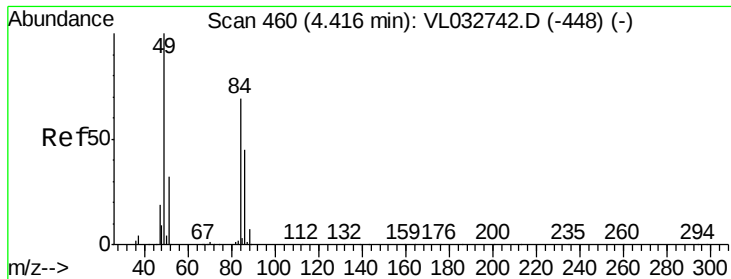
#15

Acetone

Concen: 0.62 ppbv
RT: 3.92 min Scan# 307
Delta R.T. 0.02 min
Lab File: VL032817.D
Acq: 27 Nov 2018 21:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.2	21.1	31.7#





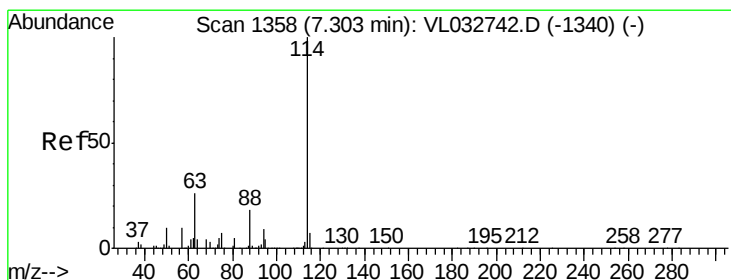
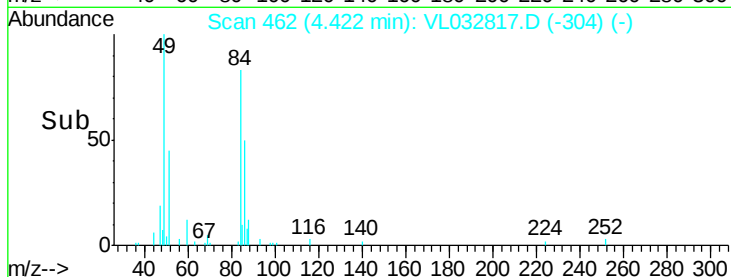
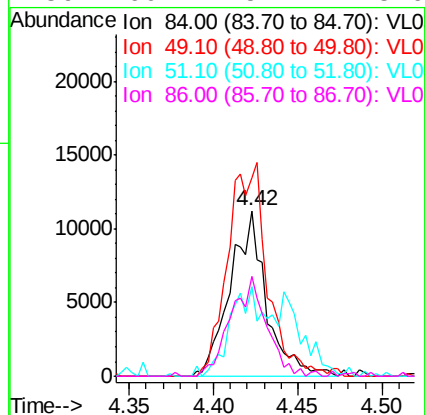
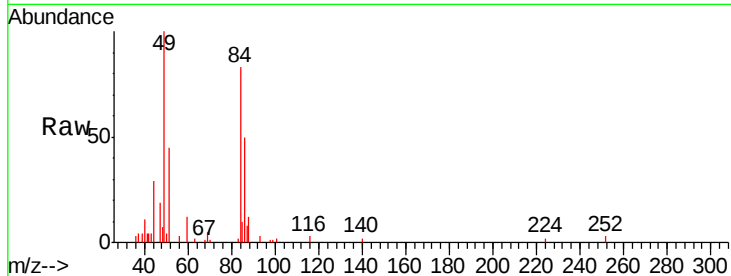
#20
Methylene Chloride
Concen: 0.30 ppbv m
RT: 4.42 min Scan# 462
Delta R.T. 0.01 min
Lab File: VL032817.D
Acq: 27 Nov 2018 21:28

Instrument :
MSVOA_L
ClientSampleId :
EP2-SV-01DL2

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	115.8	173.6
51	54.2	36.9	55.3
86	60.4	52.4	78.6

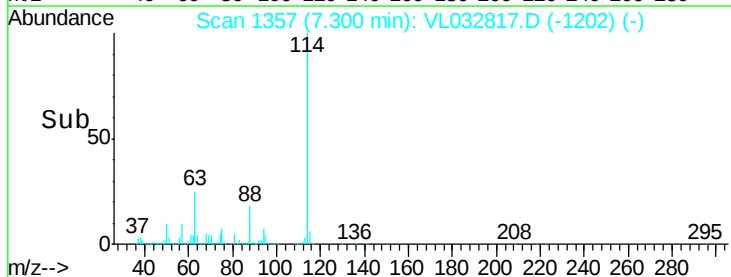
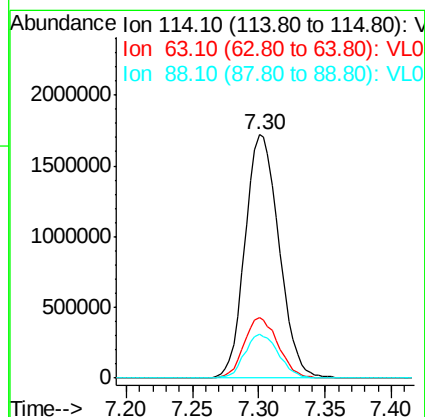
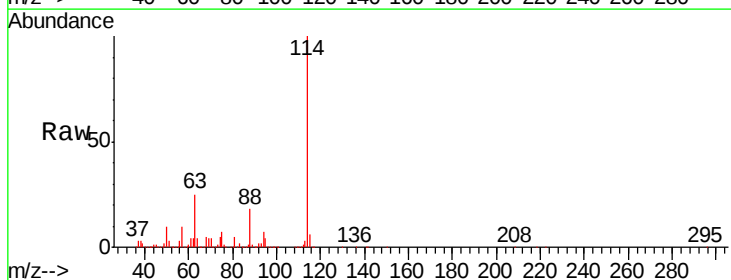
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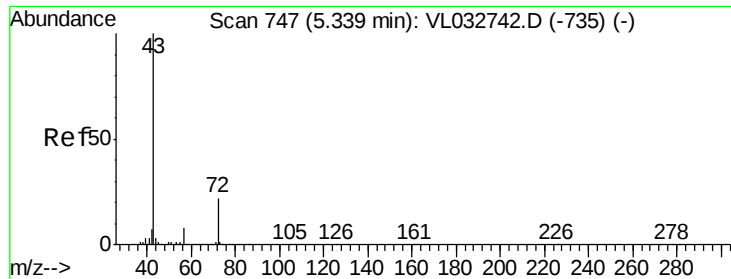
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL032817.D
Acq: 27 Nov 2018 21:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.9	31.3
88	18.0	14.4	21.6





#34

2-Butanone

Concen: 0.98 ppbv m

RT: 5.35 min Scan# 752

Delta R.T. 0.02 min

Lab File: VL032817.D

Acq: 27 Nov 2018 21:28

Instrument :

MSVOA_L

ClientSampleId :

EP2-SV-01DL2

Tgt Ion: 43 Resp: 156262

Ion Ratio Lower Upper

43 100

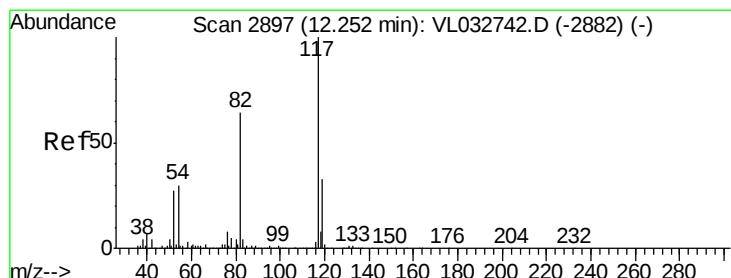
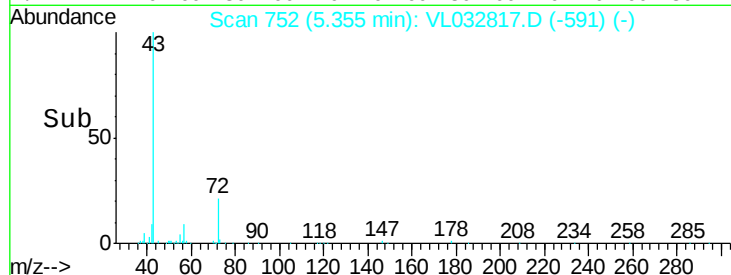
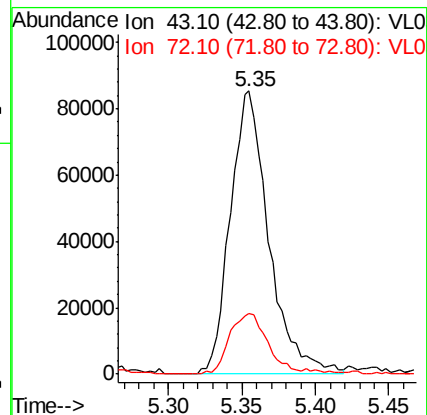
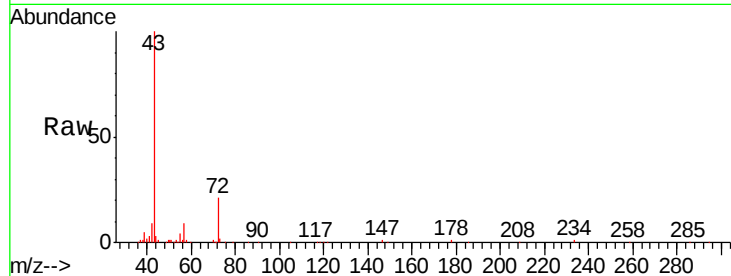
72 22.5 18.4 27.6

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#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.25 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VL032817.D

Acq: 27 Nov 2018 21:28

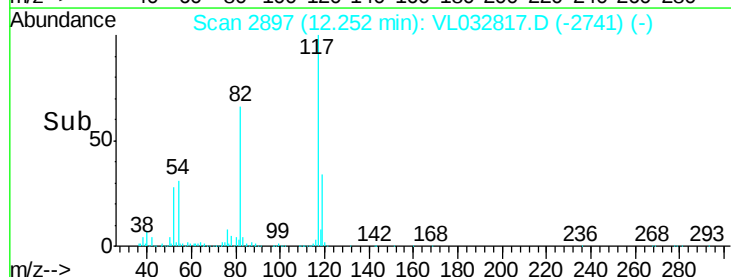
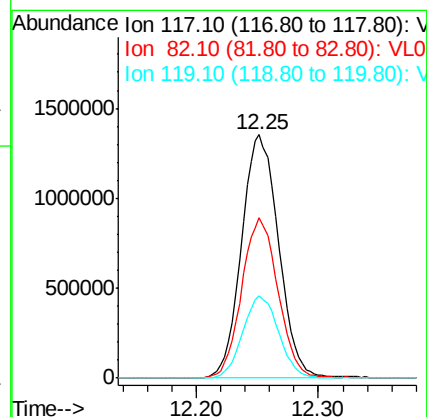
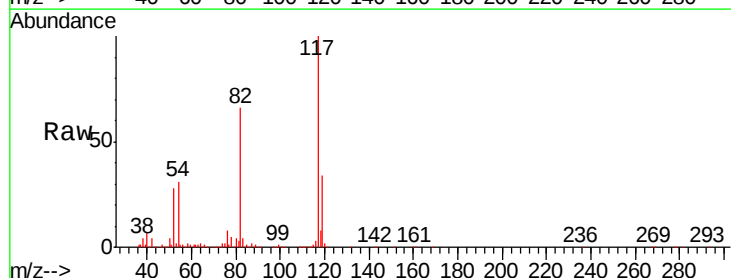
Tgt Ion: 117 Resp: 2827859

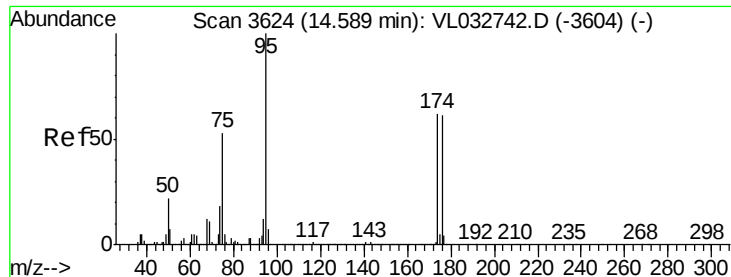
Ion Ratio Lower Upper

117 100

82 65.1 51.0 76.6

119 33.2 28.0 42.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.06 ppbv
 RT: 14.59 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VL032817.D
 Acq: 27 Nov 2018 21:28

Instrument :
 MSVOA_L
 ClientSampleId :
 EP2-SV-01DL2

Tgt Ion: 95 Resp: 2127224
 Ion Ratio Lower Upper
 95 100
 174 66.0 50.7 76.1
 175 4.7 3.8 5.6

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