

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080118\
 Data File : VL032343.D
 Acq On : 2 Aug 2018 4:39
 Operator : SY/AP
 Sample : J4258-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL

Manual Integrations
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Quant Time: Aug 02 07:24:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1779290	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.36	114	4374172	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.32	117	4276087	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.65	95	3424244	10.32	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.08	41	123775	1.55	ppbv	92
13) Ethanol	3.71	45	35321m	1.54	ppbv	
15) Acetone	3.95	43	3066237	18.28	ppbv	93
34) 2-Butanone	5.39	43	1505607	5.32	ppbv	99
51) 2-Hexanone	10.37	43	88481m	0.23	ppbv	

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

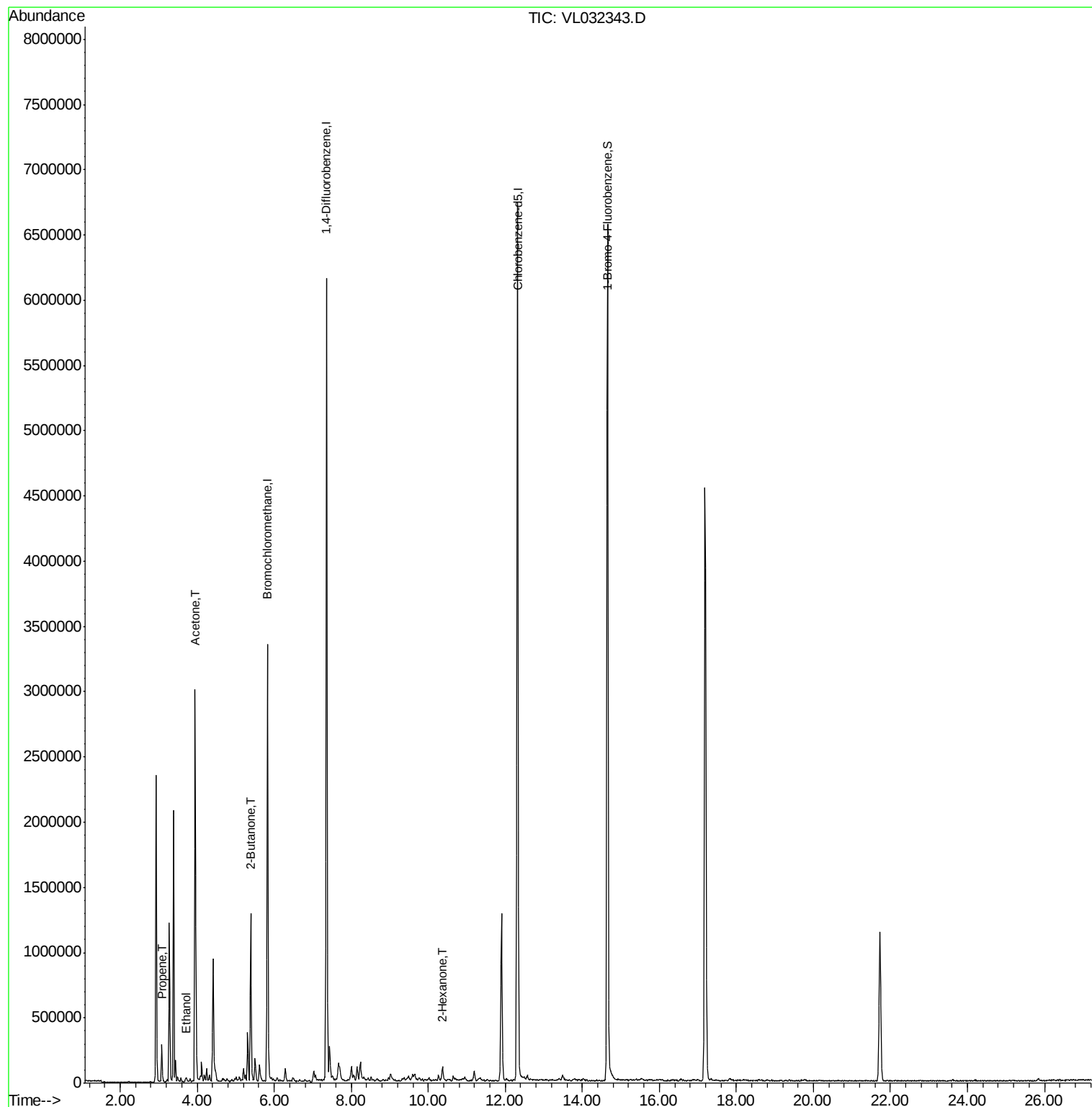
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080118\
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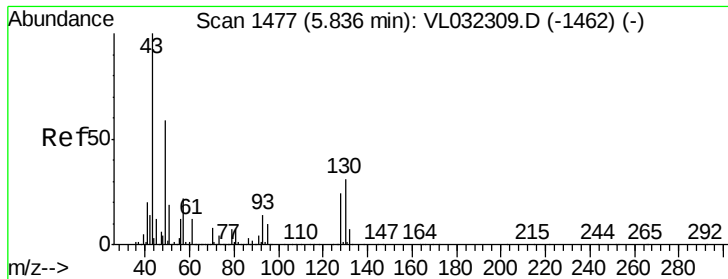
Instrument :
MSVOA_L
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#1

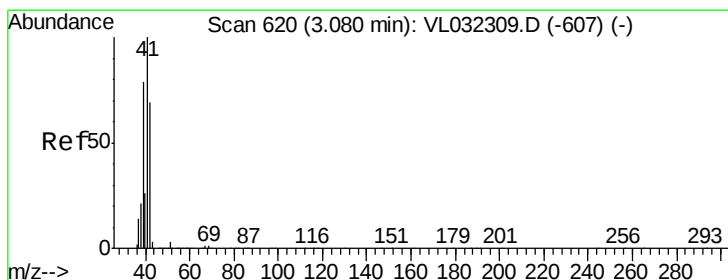
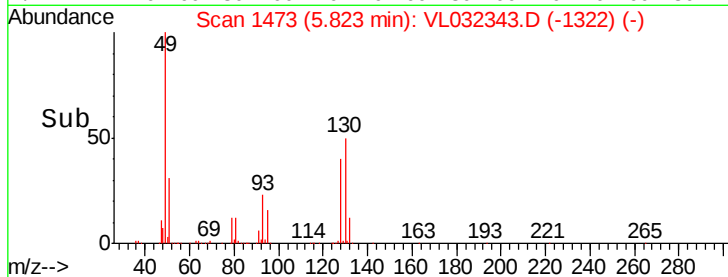
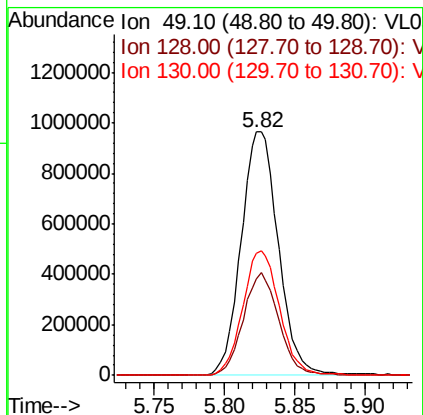
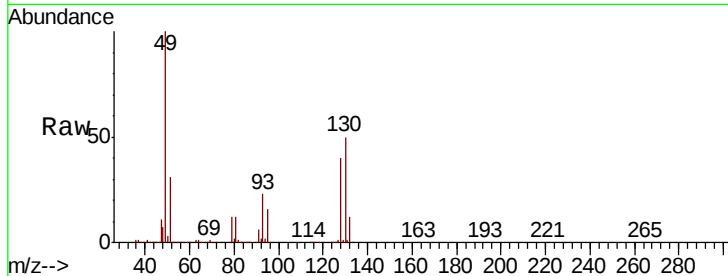
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.82 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: VL032343.D
 Acq: 2 Aug 2018 4:39

Instrument :
 MSVOA_L
 ClientSampled :
 SV-2DL

Tot Ion: 49 Resp: 1779290
 Ion Ratio Lower Upper
 49 100
 128 40.5 20.2 60.6
 130 50.9 25.8 77.3

Manual Integrations
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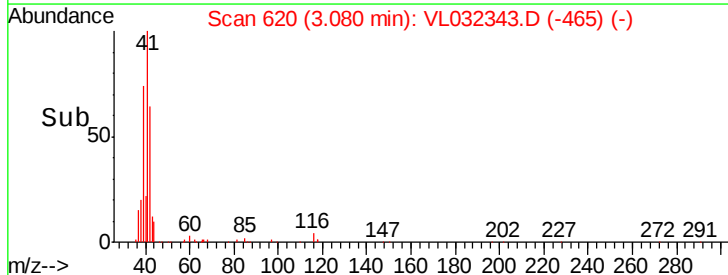
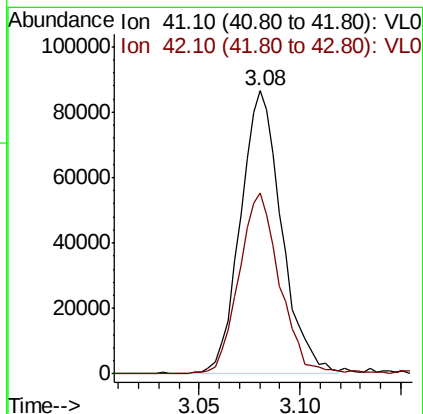
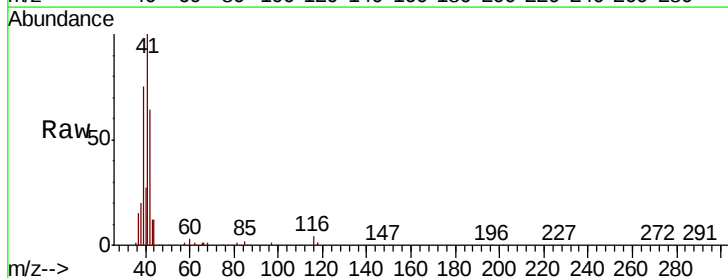
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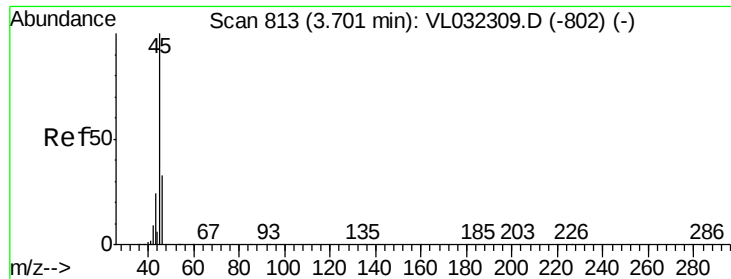


#9

Propene
 Concen: 1.55 ppbv
 RT: 3.08 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: VL032343.D
 Acq: 2 Aug 2018 4:39

Tgt Ion: 41 Resp: 123775
 Ion Ratio Lower Upper
 41 100
 42 64.0 56.8 85.2





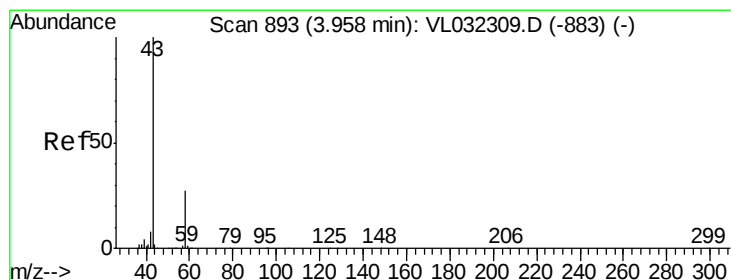
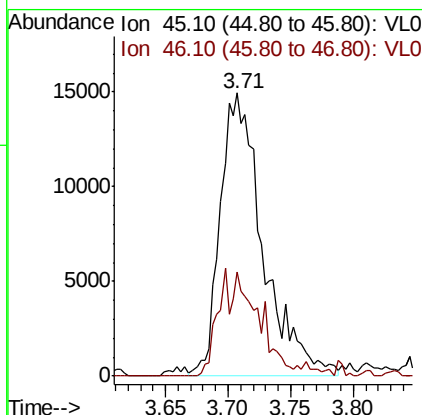
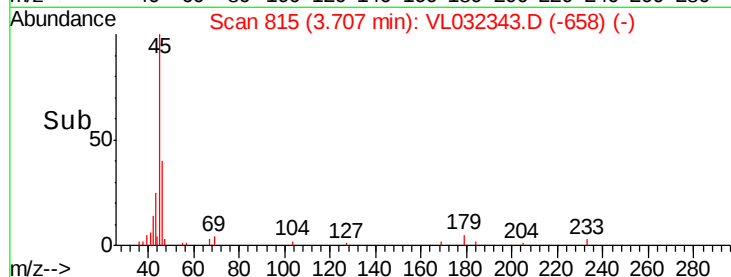
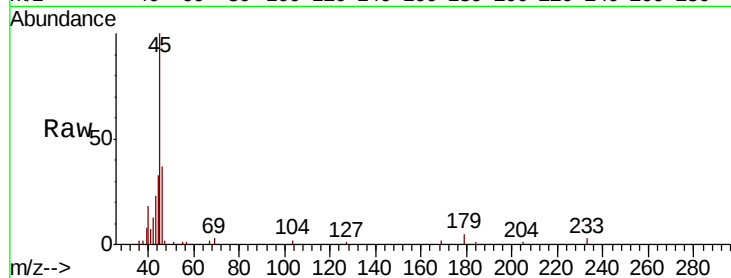
#13
Ethanol
Concen: 1.54 ppbv m
RT: 3.71 min Scan# 815
Delta R.T. 0.01 min
Lab File: VL032343.D
Acq: 2 Aug 2018 4:39

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tot Ion	Ratio	Lower	Upper
45	100		
46	37.6	15.2	60.6

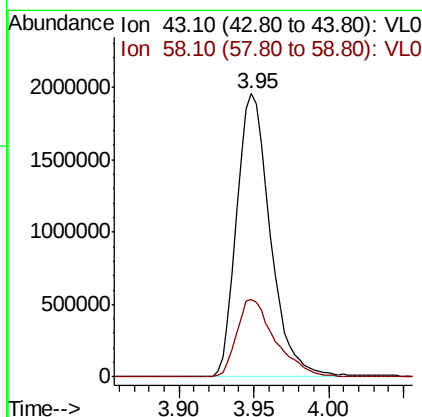
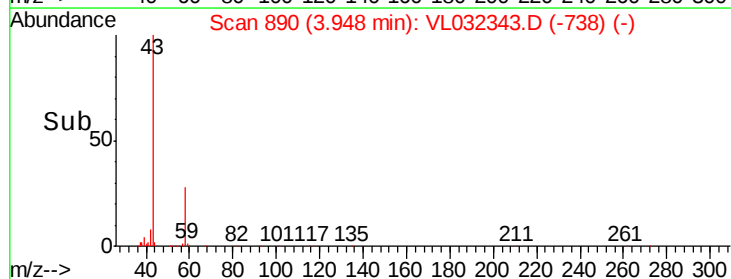
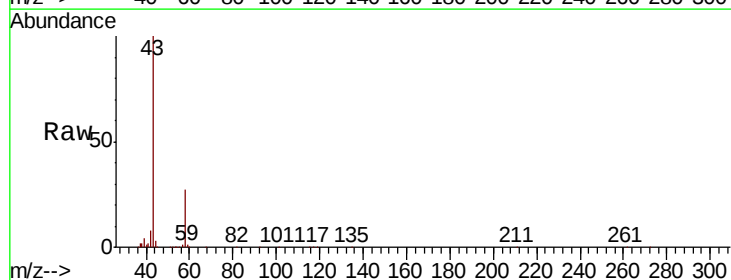
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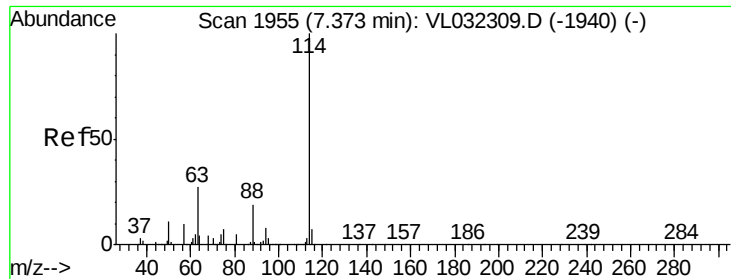
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#15
Acetone
Concen: 18.28 ppbv
RT: 3.95 min Scan# 890
Delta R.T. -0.01 min
Lab File: VL032343.D
Acq: 2 Aug 2018 4:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.7	22.5	33.7





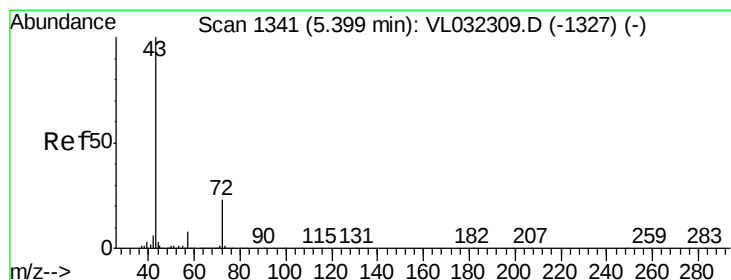
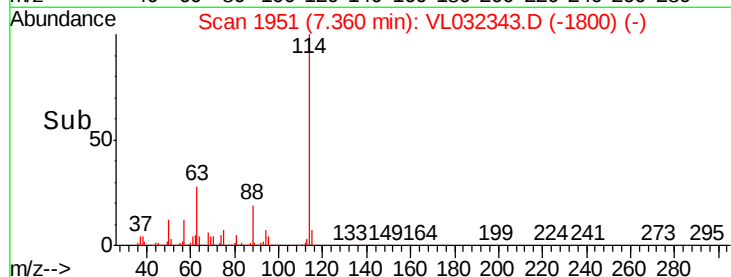
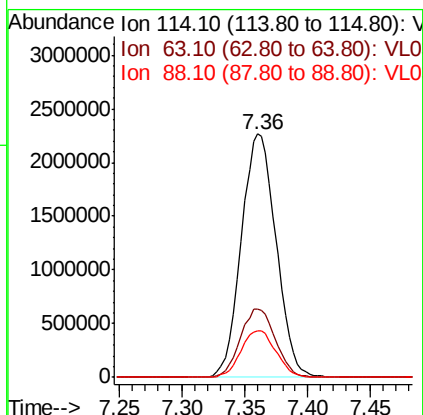
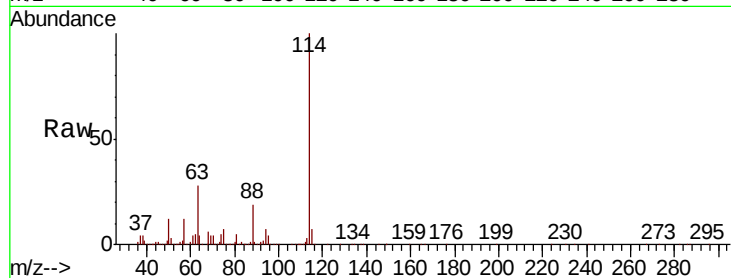
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.36 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VL032343.D
 Acq: 2 Aug 2018 4:39

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.4	22.4	33.6
88	19.4	15.3	22.9

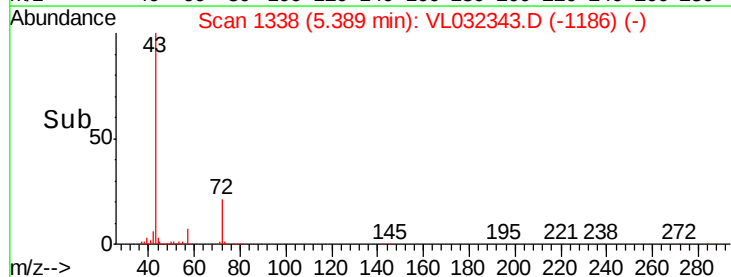
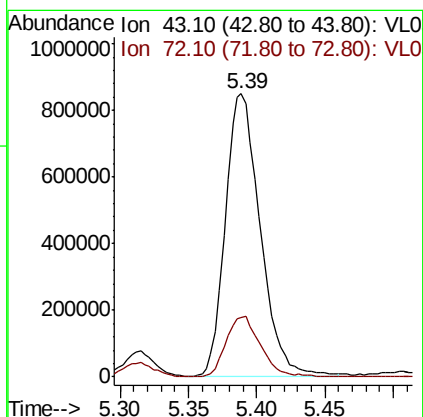
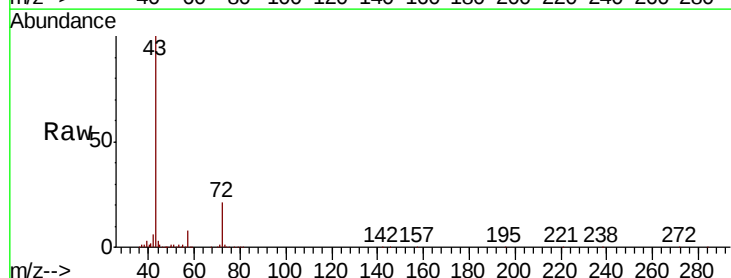
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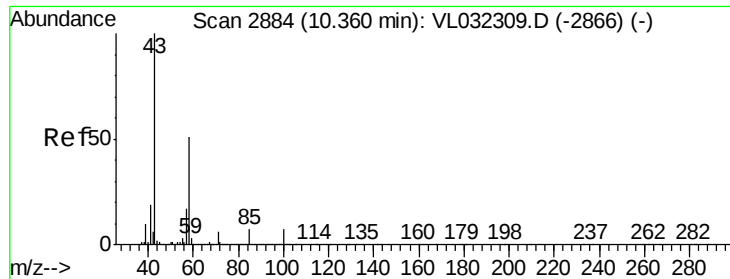
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#34
 2-Butanone
 Concen: 5.32 ppbv
 RT: 5.39 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: VL032343.D
 Acq: 2 Aug 2018 4:39

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.1	17.4	26.2





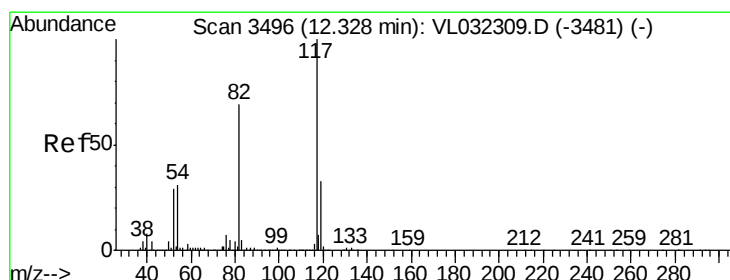
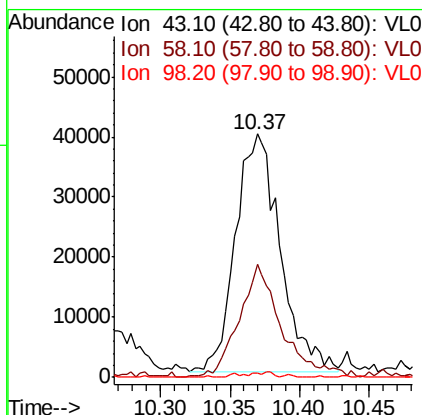
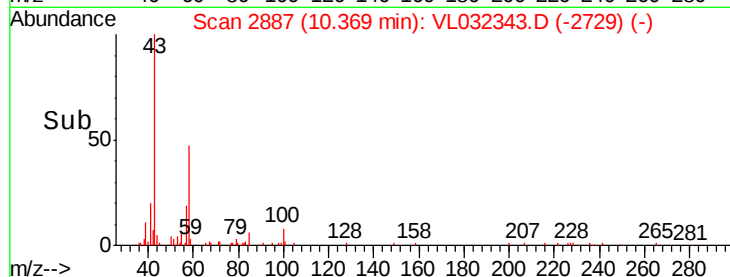
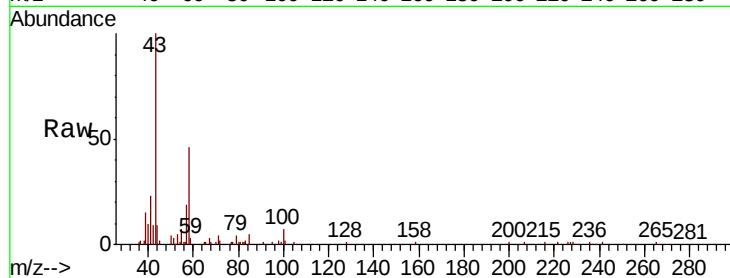
#51
2-Hexanone
Concen: 0.23 ppbv m
RT: 10.37 min Scan# 2887
Delta R.T. 0.01 min
Lab File: VL032343.D
Acq: 2 Aug 2018 4:39

Instrument :
MSVOA_L
ClientSampled :
SV-2DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.9	39.1	58.7
98	1.7	0.3	0.5

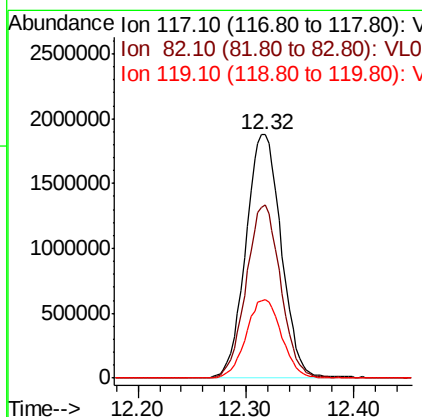
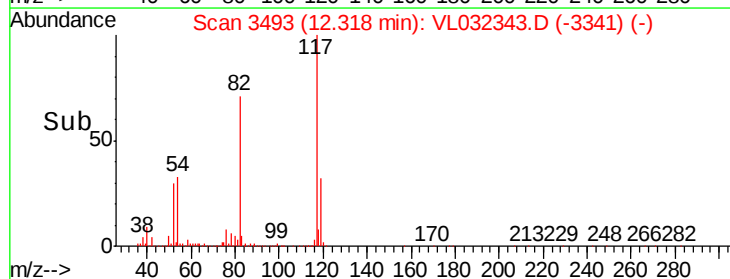
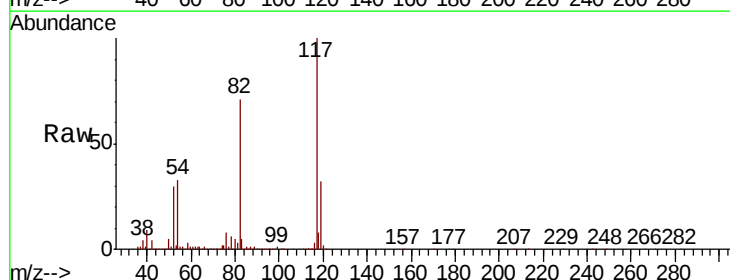
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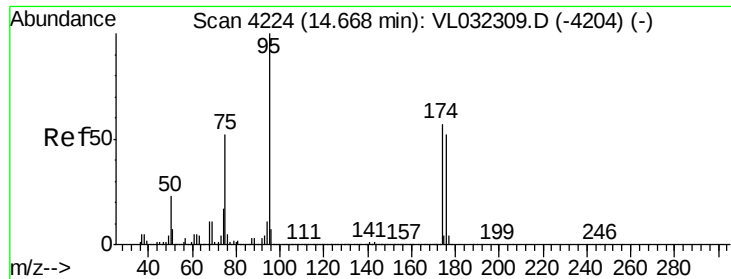
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#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.32 min Scan# 3493
Delta R.T. -0.01 min
Lab File: VL032343.D
Acq: 2 Aug 2018 4:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.4	52.6	78.8
119	32.5	25.7	38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.32 ppbv
 RT: 14.65 min Scan# 4219
 Delta R.T. -0.02 min
 Lab File: VL032343.D
 Acq: 2 Aug 2018 4:39

Instrument :
 MSVOA_L
 ClientSampleID :
 SV-2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	55.8	45.5	68.3
175	4.1	3.3	4.9

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