

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL103018\
 Data File : VL032707.D
 Acq On : 30 Oct 2018 20:40
 Operator : SY/AP
 Sample : J5693-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL

Manual Integrations
 APPROVED

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 10/31/2018 10:40:07 AM

Quant Time: Oct 31 10:32:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Oct 25 2018
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1388078	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3511484	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3420787	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2578336	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	21703m	0.486	ppbv	
10) Heptane	8.26	43	37828m	0.220	ppbv	
13) Ethanol	3.67	45	51182m	4.009	ppbv	
15) Acetone	3.91	43	367391	2.866	ppbv	95
26) Hexane	5.79	57	55160	0.395	ppbv #	42
27) Carbon Disulfide	4.64	76	68818	0.406	ppbv #	88
30) Cyclohexane	7.26	84	27159m	0.246	ppbv	
36) Benzene	7.01	78	118001	0.414	ppbv	95
44) 2,2,4-Trimethylpentane	8.01	57	97185	0.200	ppbv #	76
52) Tetrachloroethene	11.38	164	69442	0.699	ppbv	85
53) Toluene	9.96	91	719222	2.200	ppbv	99
59) m/p-Xylene	13.14	91	323960m	0.915	ppbv	

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

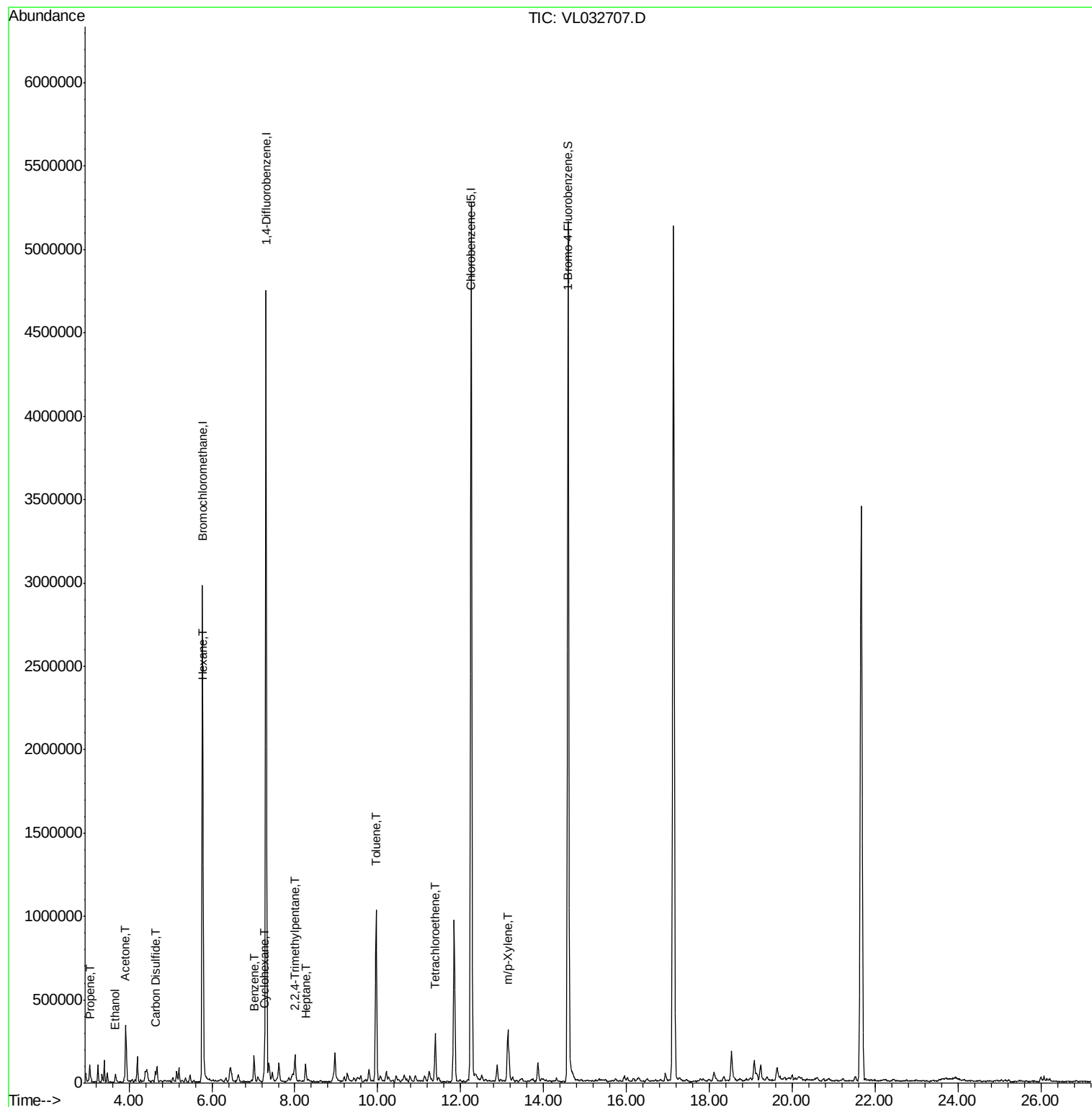
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL103018\
Data File : VL032707.D
Acq On : 30 Oct 2018 20:40
Operator : SY/AP
Sample : J5693-01DL 10X
Misc : 400ml/MSVOA L
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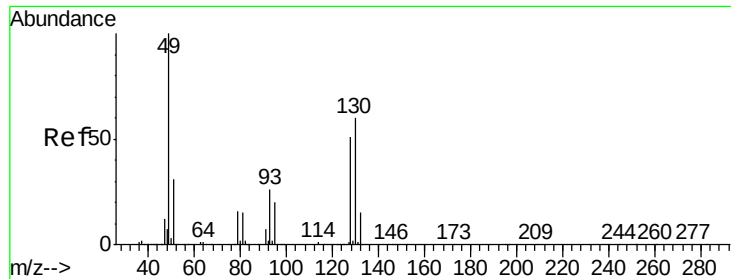
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL

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10/31/2018 10:40:07 AM

Quant Time: Oct 31 10:32:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration





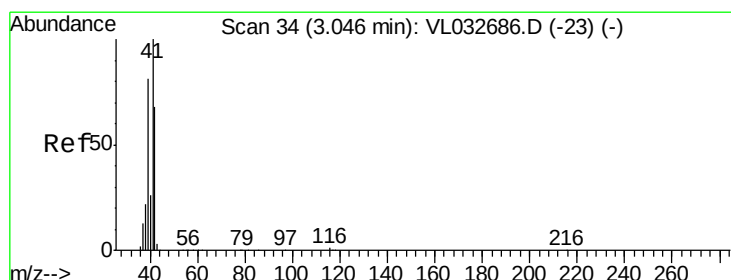
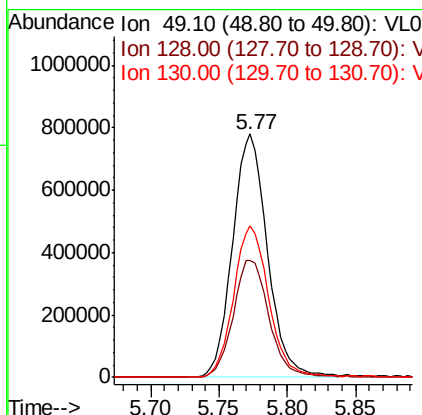
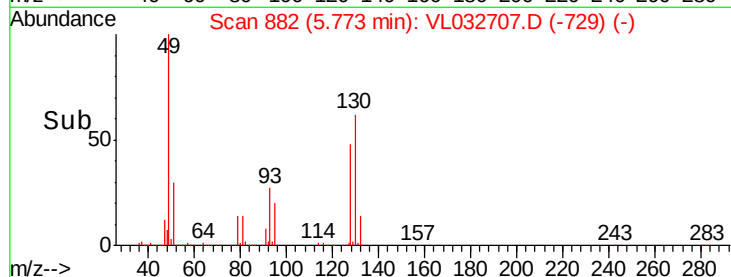
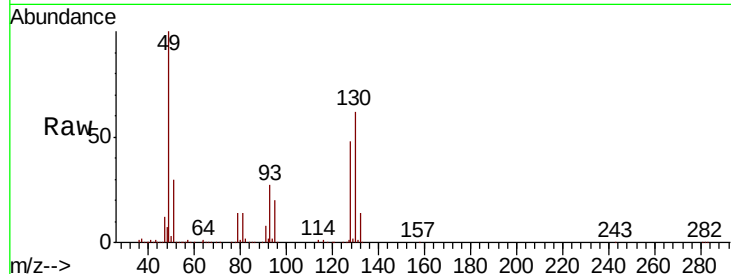
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.77 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: VL032707.D
 Acq: 30 Oct 2018 20:40

Instrument :
 MSVOA_L
 ClientSampled :
 SS-1DL

Tot Ion:	49	Resp:	1388078
Ion	Ratio	Lower	Upper
49	100		
128	49.7	22.3	66.8
130	63.2	28.4	85.3

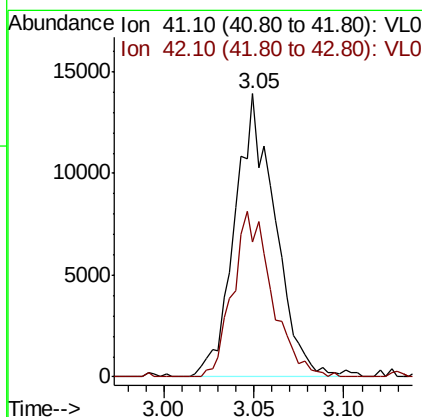
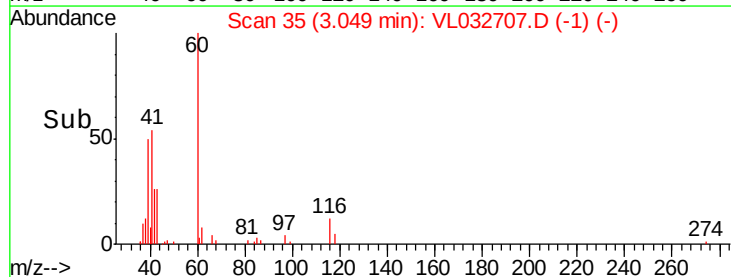
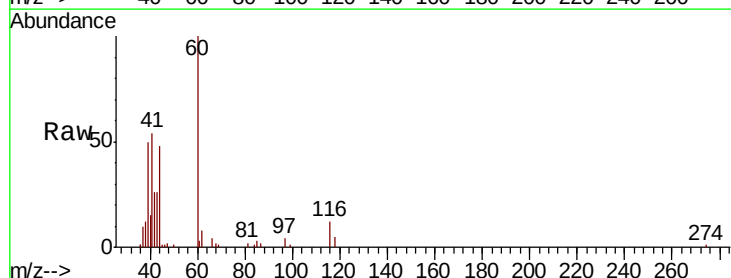
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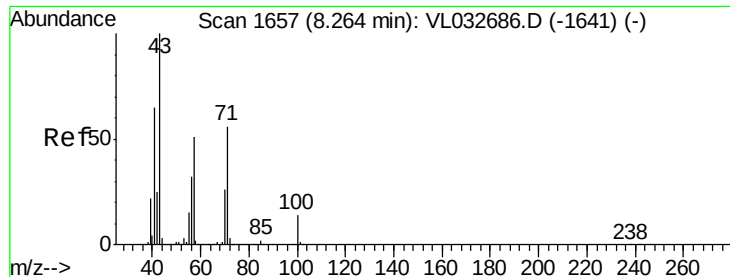
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#9
 Propene
 Concen: 0.486 ppbv m
 RT: 3.05 min Scan# 35
 Delta R.T. 0.01 min
 Lab File: VL032707.D
 Acq: 30 Oct 2018 20:40

Tgt Ion:	41	Resp:	21703
Ion	Ratio	Lower	Upper
41	100		
42	56.9	55.4	83.0





#10

Heptane

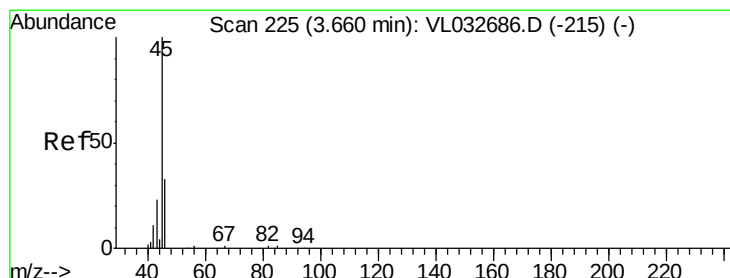
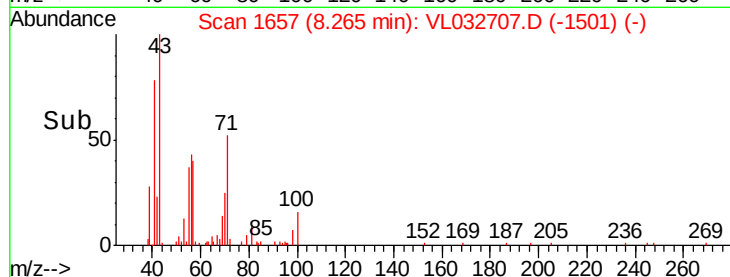
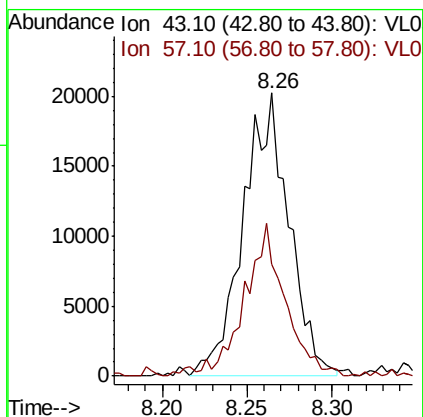
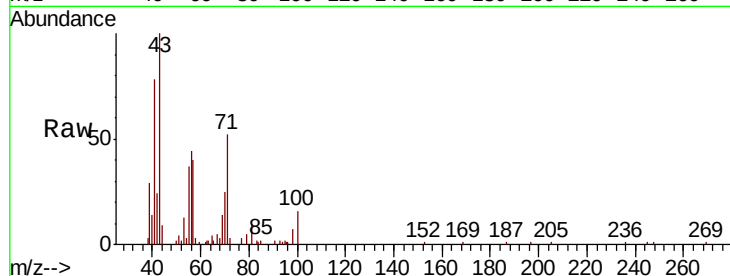
Concen: 0.220 ppbv m
RT: 8.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VL032707.D
Acq: 30 Oct 2018 20:40

Instrument :
MSVOA_L
ClientSampled :
SS-1DL

Tot Ion: 43 Resp: 37828
Ion Ratio Lower Upper
43 100
57 0.0 41.5 62.3#

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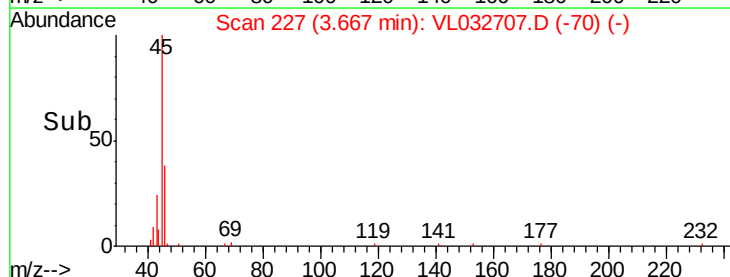
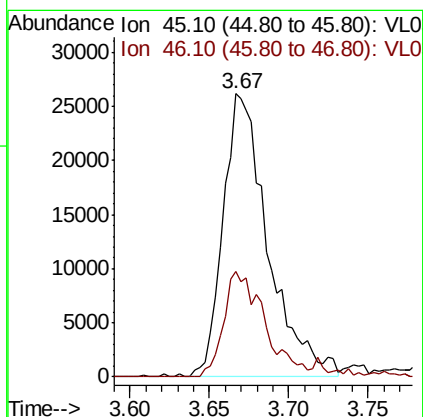
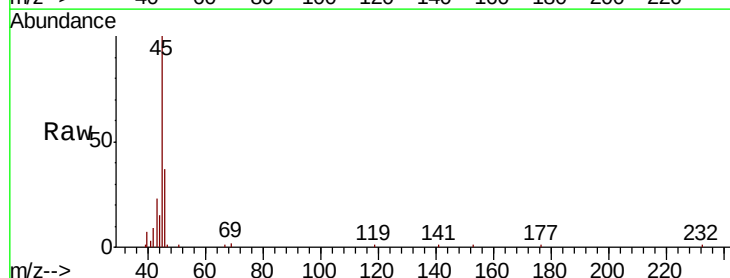


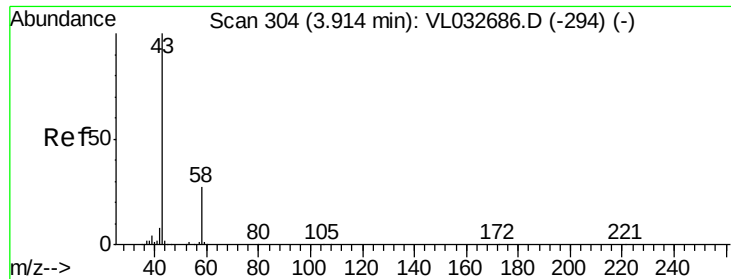
#13

Ethanol

Concen: 4.009 ppbv m
RT: 3.67 min Scan# 227
Delta R.T. 0.01 min
Lab File: VL032707.D
Acq: 30 Oct 2018 20:40

Tgt Ion: 45 Resp: 51182
Ion Ratio Lower Upper
45 100
46 35.8 15.4 61.8





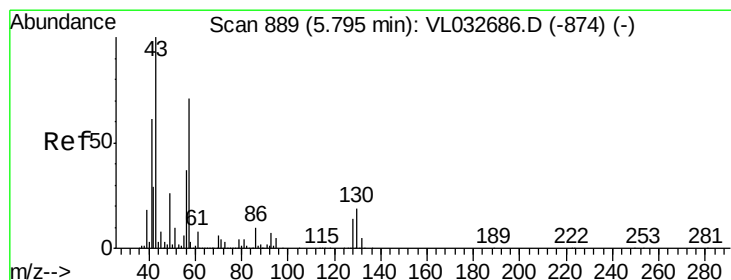
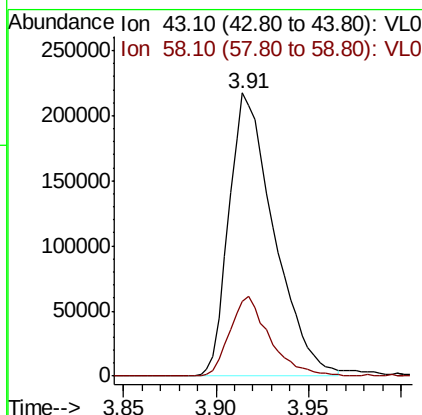
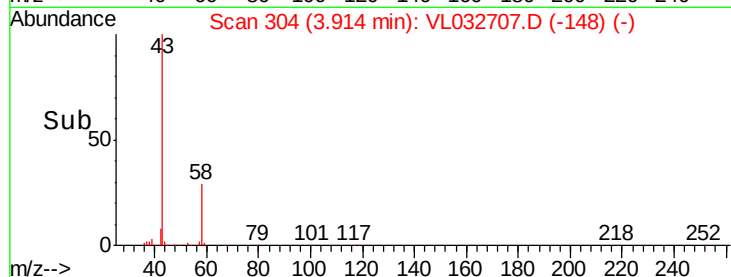
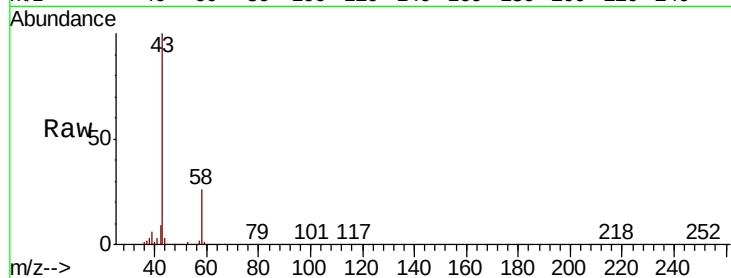
#15
Acetone
Concen: 2.866 ppbv
RT: 3.91 min Scan# 304
Delta R.T. 0.00 min
Lab File: VL032707.D
Acq: 30 Oct 2018 20:40

Instrument :
MSVOA_L
ClientSampled :
SS-1DL

Tot Ion: 43 Resp: 367391
Ion Ratio Lower Upper
43 100
58 25.1 22.1 33.1

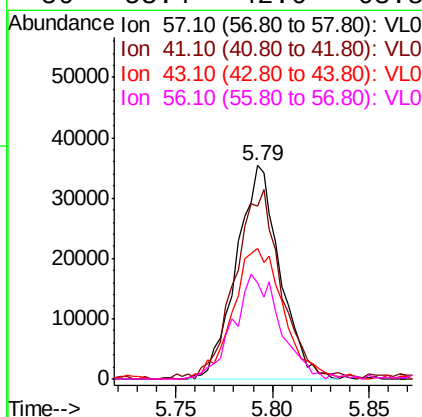
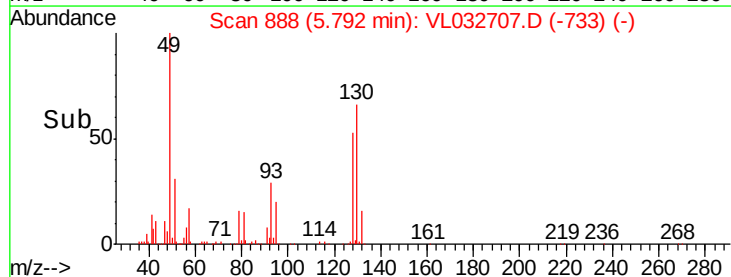
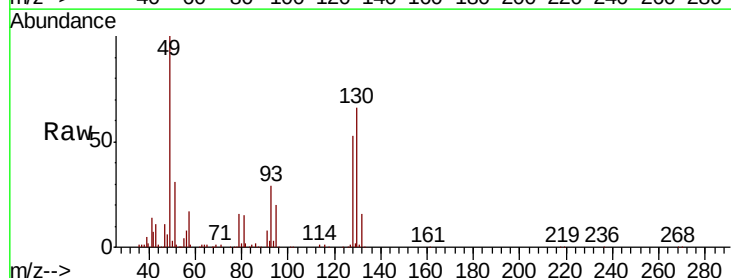
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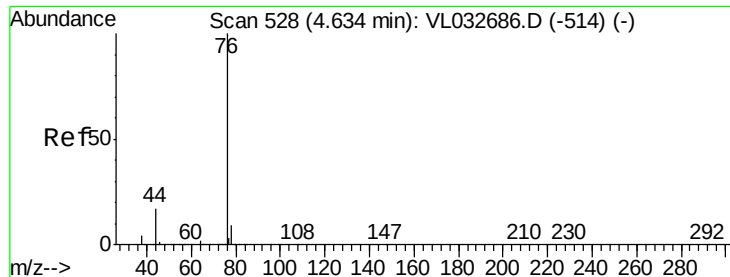
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#26
Hexane
Concen: 0.395 ppbv
RT: 5.79 min Scan# 888
Delta R.T. -0.00 min
Lab File: VL032707.D
Acq: 30 Oct 2018 20:40

Tgt Ion: 57 Resp: 55160
Ion Ratio Lower Upper
57 100
41 95.4 67.4 101.0
43 71.6 171.9 257.9#
56 53.4 42.6 63.8





#27

Carbon Disulfide

Concen: 0.406 ppbv

RT: 4.64 min Scan# 529

Delta R.T. 0.01 min

Lab File: VL032707.D

Acq: 30 Oct 2018 20:40

Instrument :

MSVOA_L

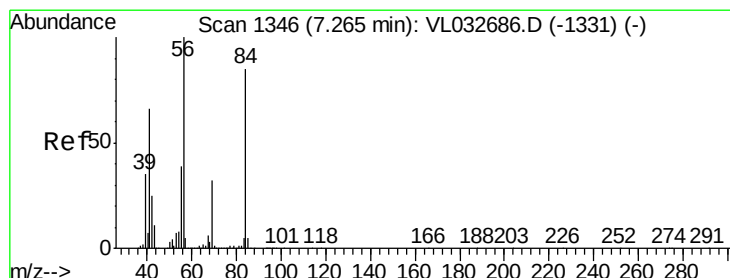
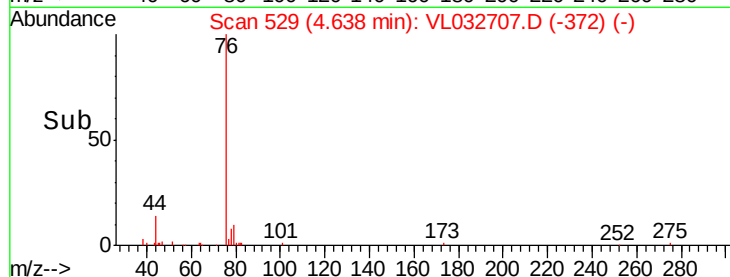
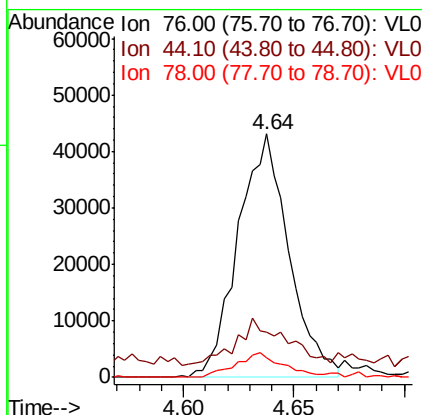
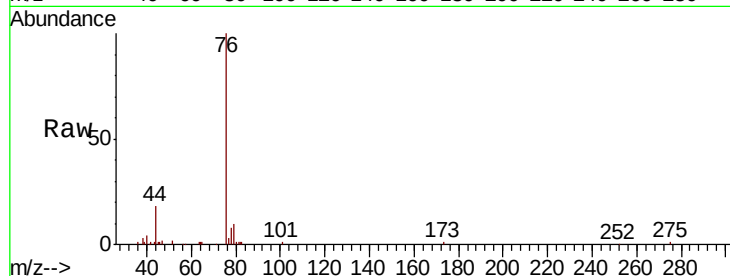
ClientSampled :

SS-1DL

Tot Ion:	76	Resp:	68818
Ion	Ratio	Lower	Upper
76	100		
44	24.4	13.7	20.5#
78	10.5	7.4	11.2

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#30

Cyclohexane

Concen: 0.246 ppbv m

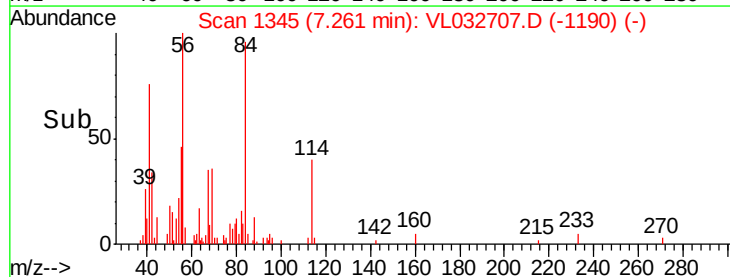
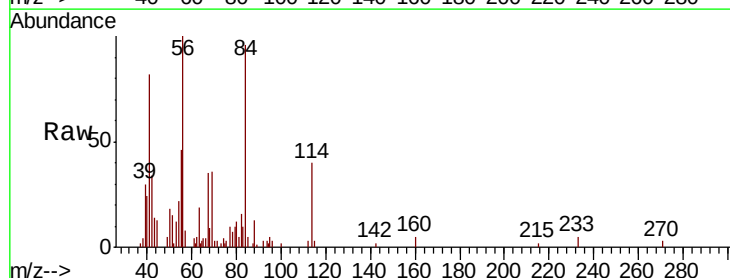
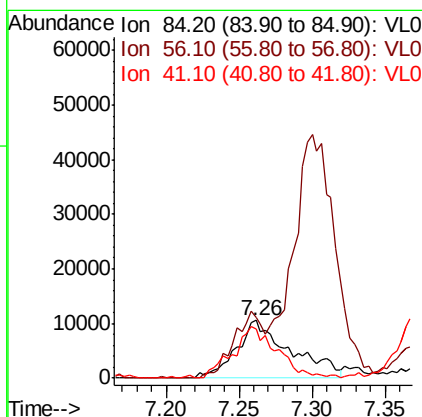
RT: 7.26 min Scan# 1345

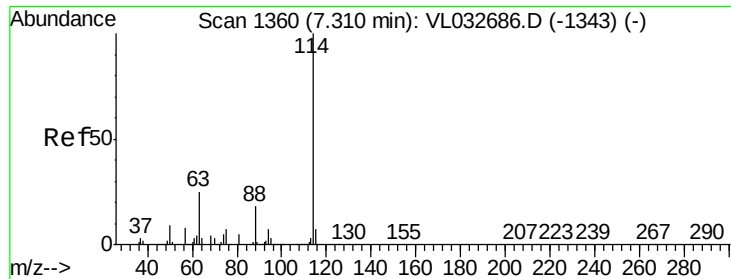
Delta R.T. -0.00 min

Lab File: VL032707.D

Acq: 30 Oct 2018 20:40

Tgt Ion:	84	Resp:	27159
Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.3	162.5#
41	74.6	64.8	97.2





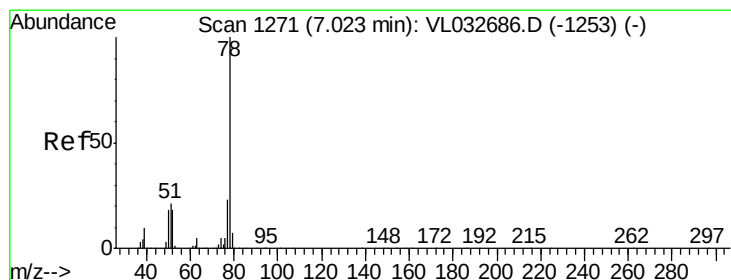
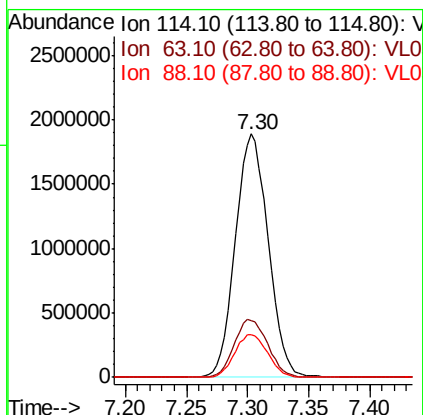
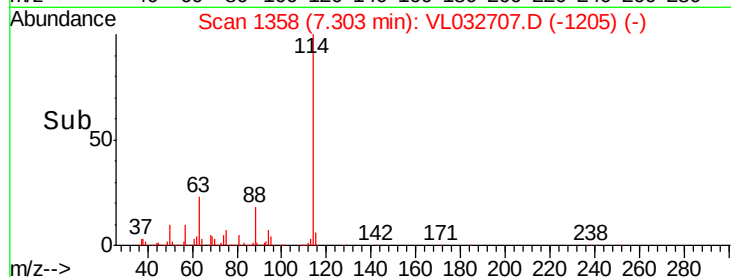
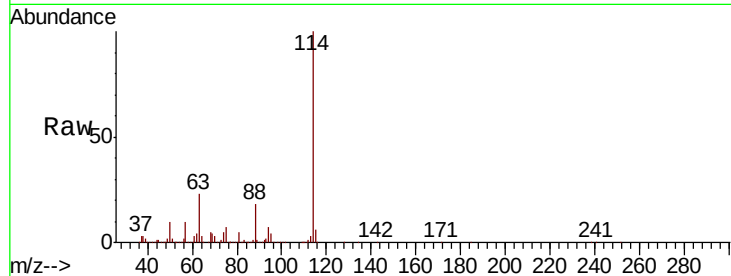
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VL032707.D
 Acq: 30 Oct 2018 20:40

Instrument :
 MSVOA_L
 ClientSampled :
 SS-1DL

Tot Ion:114 Resp: 3511484
 Ion Ratio Lower Upper
 114 100
 63 24.5 21.7 32.5
 88 17.7 14.9 22.3

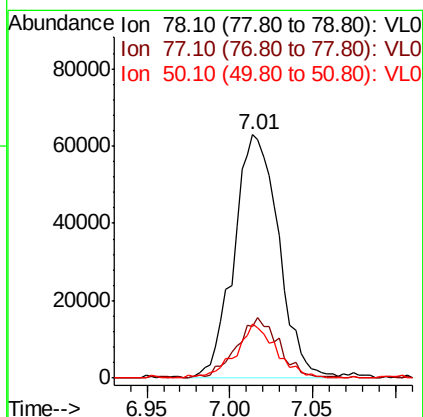
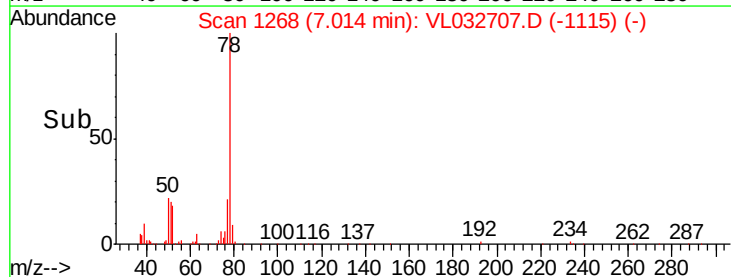
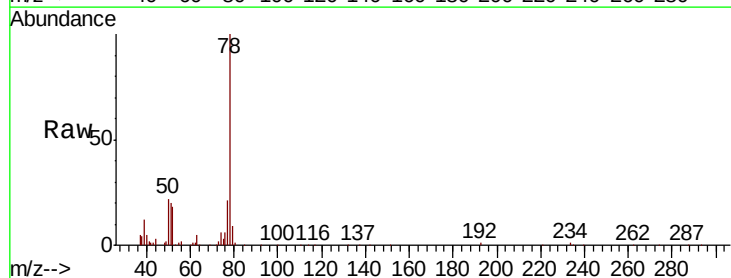
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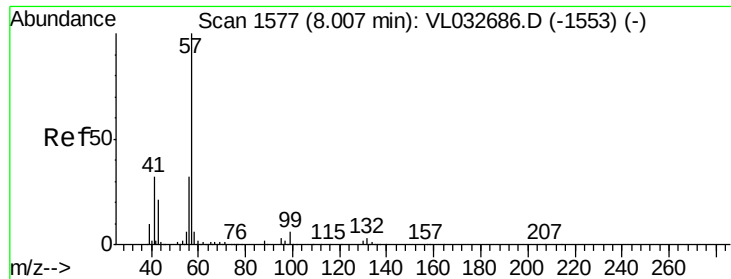
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#36
 Benzene
 Concen: 0.414 ppbv
 RT: 7.01 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VL032707.D
 Acq: 30 Oct 2018 20:40

Tgt Ion: 78 Resp: 118001
 Ion Ratio Lower Upper
 78 100
 77 21.1 18.1 27.1
 50 22.1 15.1 22.7





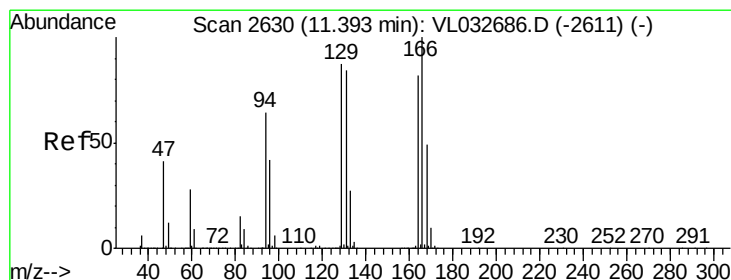
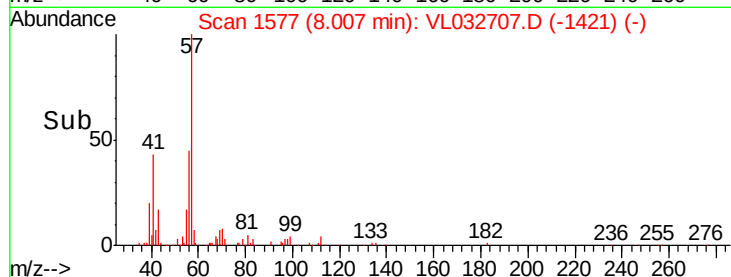
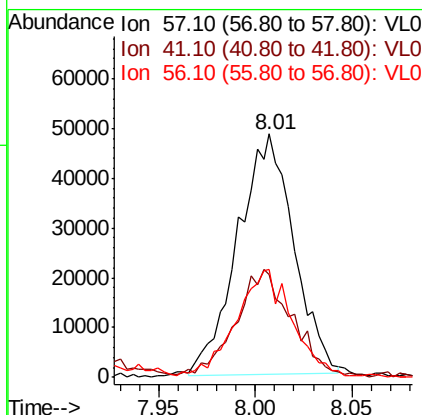
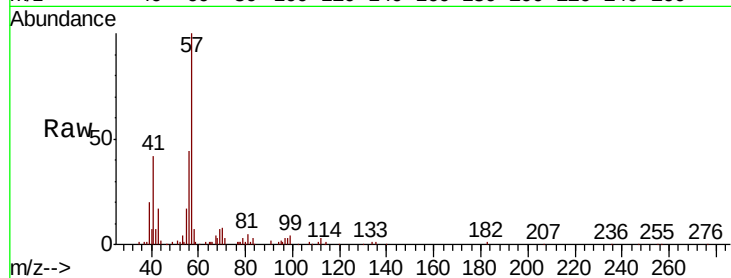
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 2,2,4-Trimethylpentane
 Concen: 0.200 ppbv
 RT: 8.01 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VL032707.D
 Acq: 30 Oct 2018 20:40

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	42.9	24.7	37.1#
56	45.6	25.0	37.4#

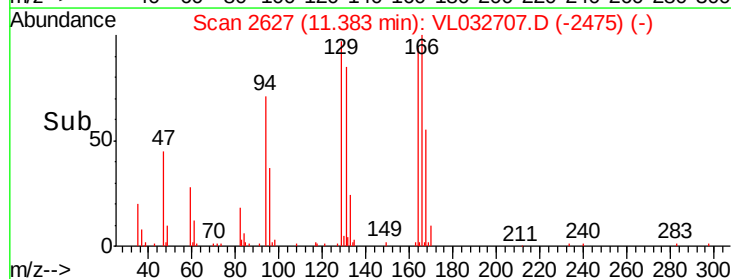
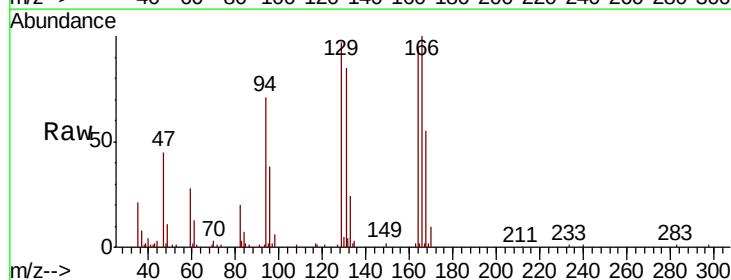
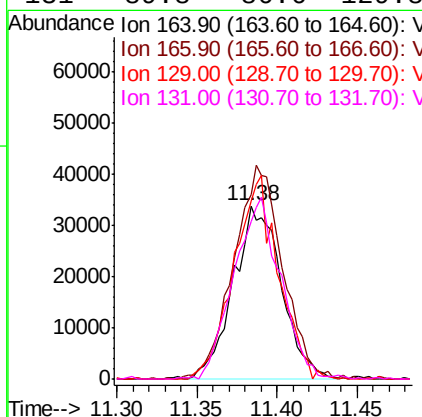
Manual Integrations
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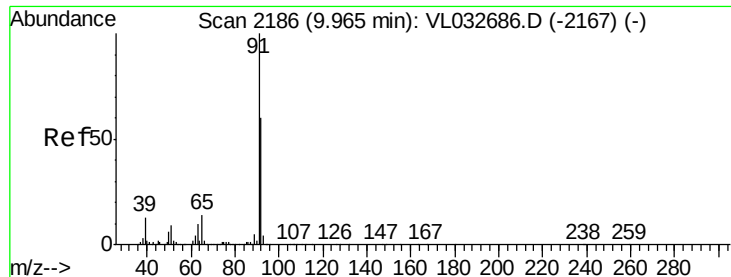
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#52
 Tetrachloroethene
 Concen: 0.699 ppbv
 RT: 11.38 min Scan# 2627
 Delta R.T. -0.01 min
 Lab File: VL032707.D
 Acq: 30 Oct 2018 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	105.2	100.5	150.7
129	103.0	90.0	135.0
131	89.8	86.6	129.8





#53

Toluene

Concen: 2.200 ppbv

RT: 9.96 min Scan# 2184

Delta R.T. -0.00 min

Lab File: VL032707.D

Acq: 30 Oct 2018 20:40

Instrument :

MSVOA_L

ClientSampled :

SS-1DL

Tot Ion: 91 Resp: 719222

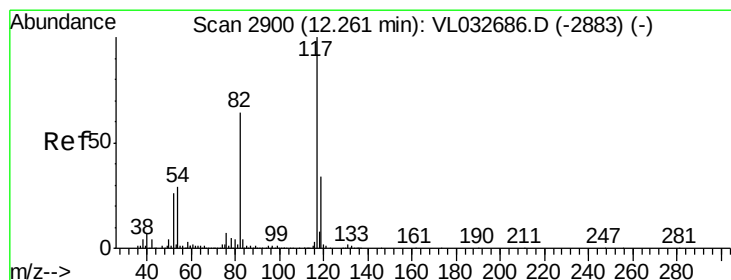
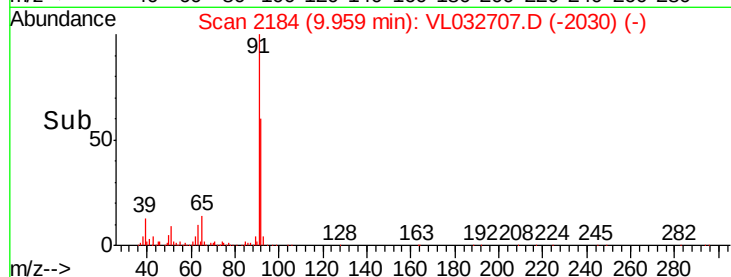
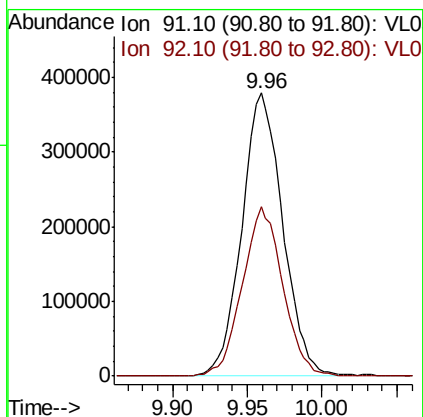
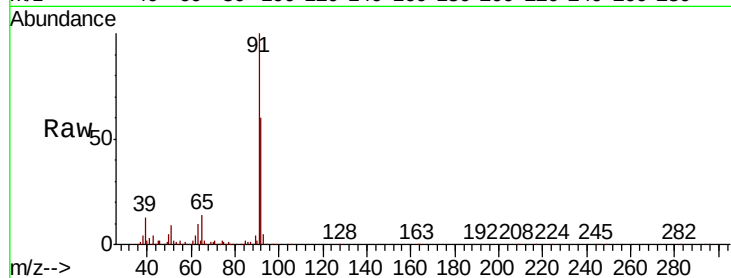
Ion Ratio Lower Upper

91 100

92 59.4 48.4 72.6

Manual Integrations
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10/31/2018 10:40:07 AM



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2897

Delta R.T. -0.01 min

Lab File: VL032707.D

Acq: 30 Oct 2018 20:40

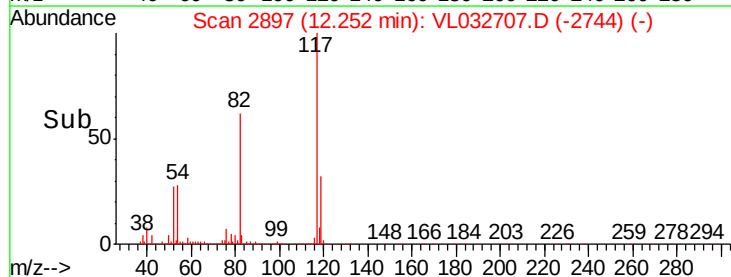
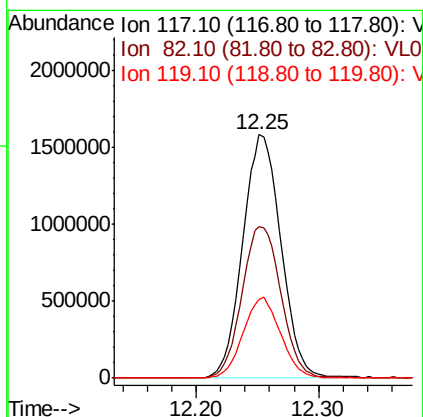
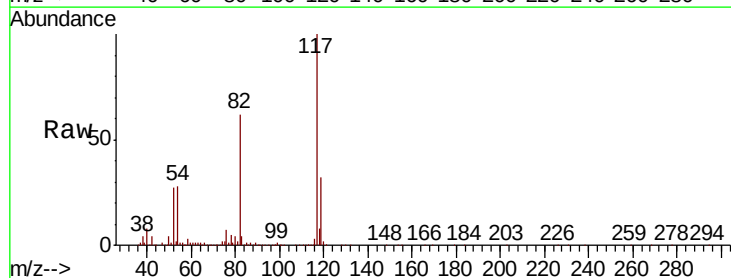
Tgt Ion: 117 Resp: 3420787

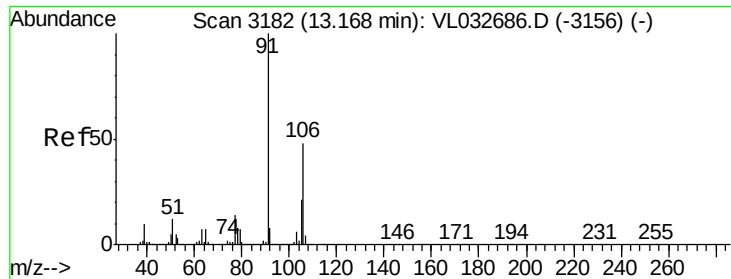
Ion Ratio Lower Upper

117 100

82 64.5 52.7 79.1

119 32.5 26.7 40.1





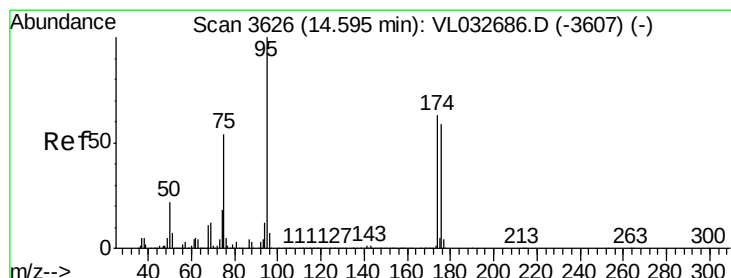
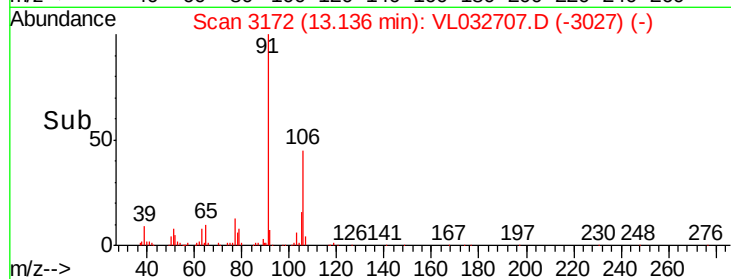
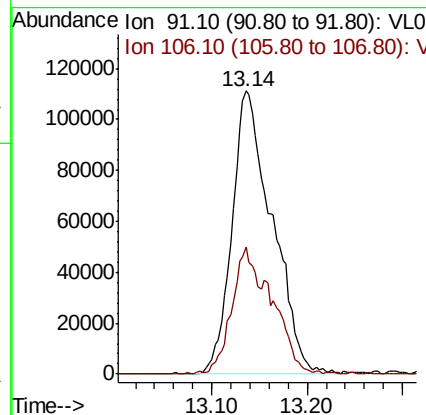
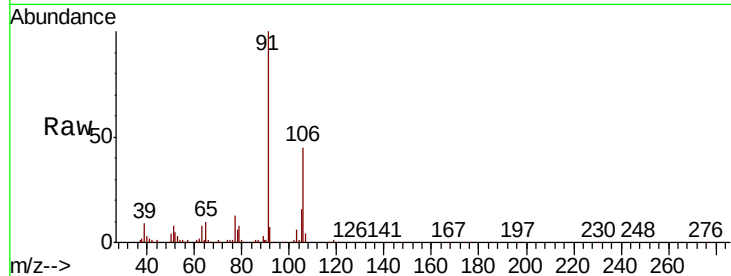
#59
m/p-Xylene
Concen: 0.915 ppbv m
RT: 13.14 min Scan# 3172
Delta R.T. -0.03 min
Lab File: VL032707.D
Acq: 30 Oct 2018 20:40

Instrument :
MSVOA_L
ClientSampled :
SS-1DL

Tot Ion: 91 Resp: 323960
Ion Ratio Lower Upper
91 100
106 0.0 35.9 53.9#

Manual Integrations
APPROVED

MMDadoda
10/31/2018 10:40:07 AM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.123 ppbv
RT: 14.59 min Scan# 3624
Delta R.T. -0.00 min
Lab File: VL032707.D
Acq: 30 Oct 2018 20:40

Tgt Ion: 95 Resp: 2578336
Ion Ratio Lower Upper
95 100
174 64.1 46.0 69.0
175 4.7 3.4 5.0

