

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL103018\
 Data File : VL032708.D
 Acq On : 30 Oct 2018 21:17
 Operator : SY/AP
 Sample : J5693-01DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL2

Manual Integrations
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 10/31/2018 10:40:08 AM

Quant Time: Oct 31 06:56:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 26 06:56:27 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	1315916	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3298813	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3262424	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2402630	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	6129m	0.145	ppbv	
13) Ethanol	3.68	45	14322m	1.183	ppbv	
15) Acetone	3.93	43	116495	0.959	ppbv	97
26) Hexane	5.79	57	16095m	0.122	ppbv	
36) Benzene	7.02	78	27631m	0.103	ppbv	
52) Tetrachloroethene	11.39	164	15859m	0.170	ppbv	
53) Toluene	9.96	91	128707	0.419	ppbv	96

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

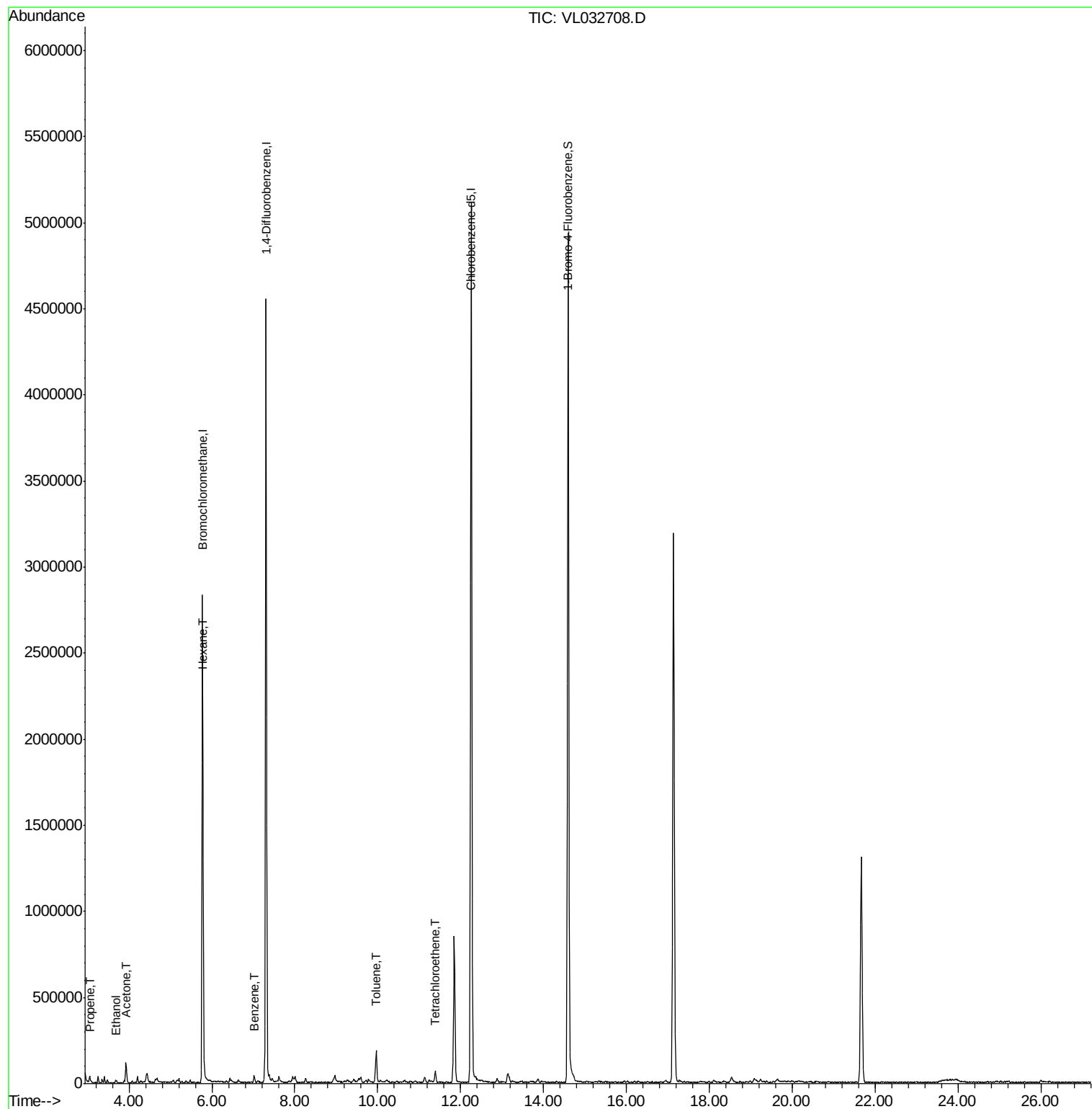
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL103018\
Data File : VL032708.D
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Misc : 400ml/MSVOA L
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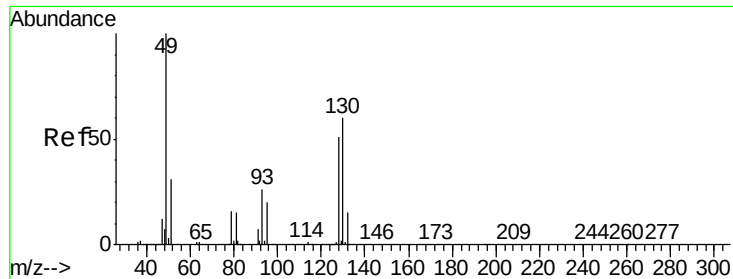
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL2

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Response via : Initial Calibration





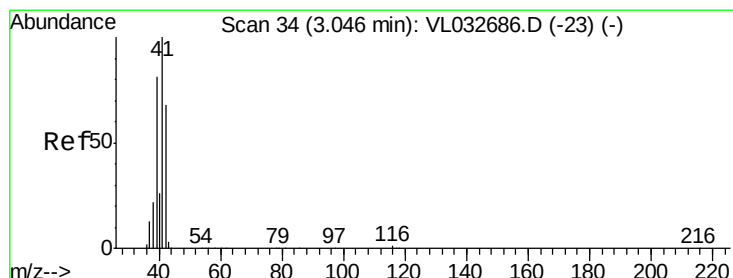
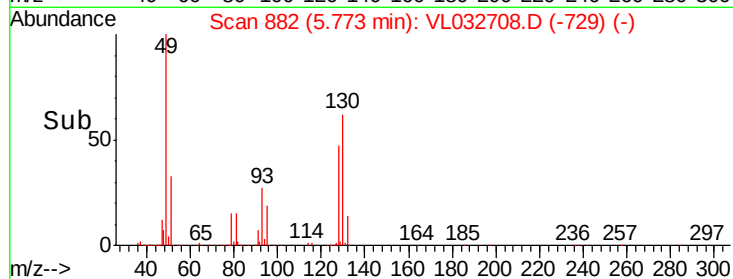
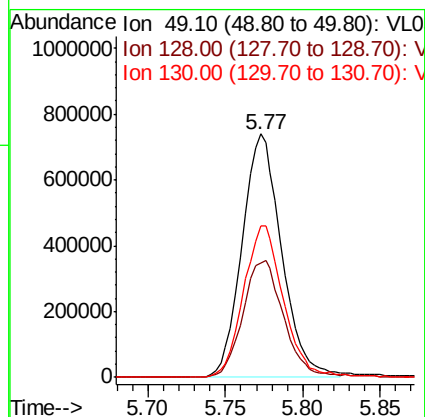
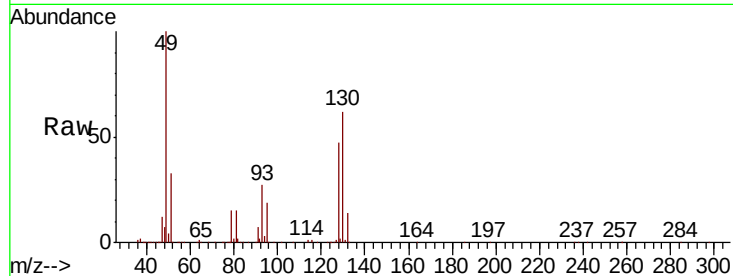
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.77 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: VL032708.D
 Acq: 30 Oct 2018 21:17

Instrument :
 MSVOA_L
 ClientSampled :
 SS-1DL2

Tot Ion: 49 Resp: 1315916
 Ion Ratio Lower Upper
 49 100
 128 49.8 22.3 66.8
 130 63.6 28.4 85.3

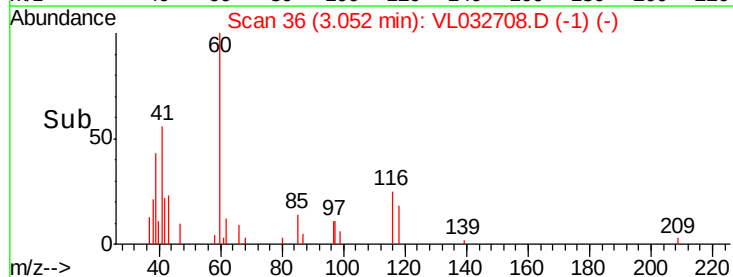
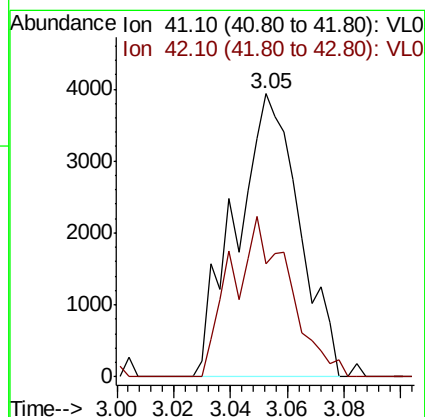
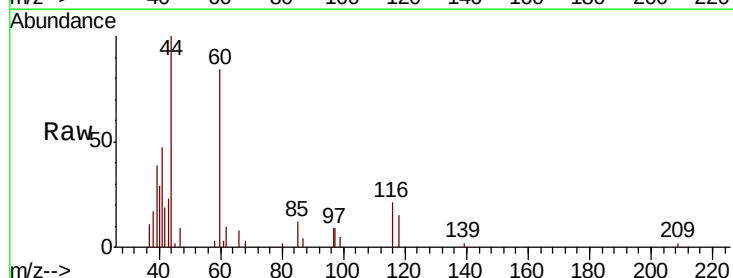
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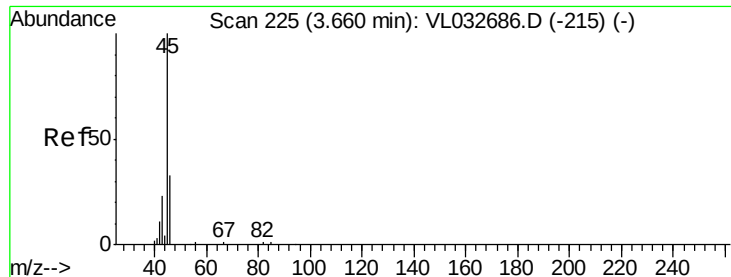
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#9
 Propene
 Concen: 0.145 ppbv m
 RT: 3.05 min Scan# 36
 Delta R.T. 0.01 min
 Lab File: VL032708.D
 Acq: 30 Oct 2018 21:17

Tgt Ion: 41 Resp: 6129
 Ion Ratio Lower Upper
 41 100
 42 51.7 55.4 83.0#





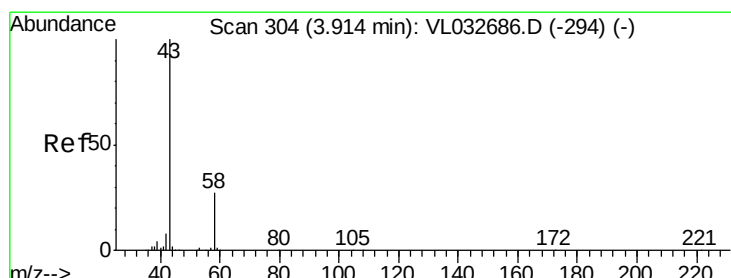
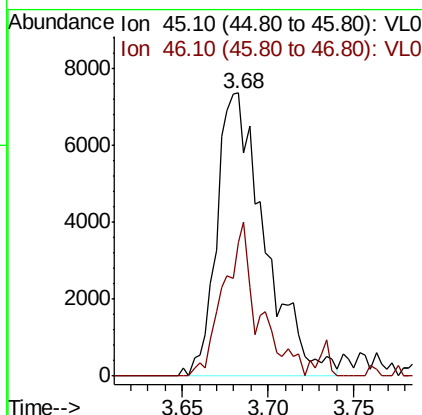
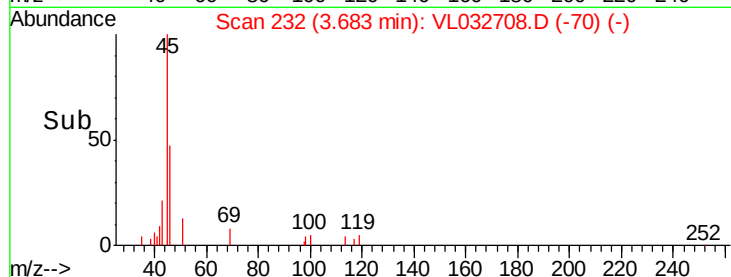
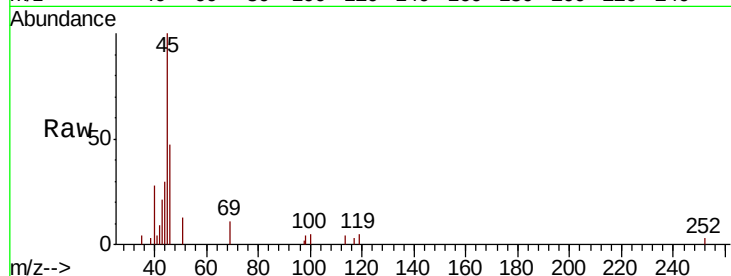
#13
Ethanol
Concen: 1.183 ppbv m
RT: 3.68 min Scan# 232
Delta R.T. 0.02 min
Lab File: VL032708.D
Acq: 30 Oct 2018 21:17

Instrument :
MSVOA_L
ClientSampled :
SS-1DL2

Tot Ion	45	Resp	14322
Ion Ratio	100	Lower	Upper
46	42.2	15.4	61.8

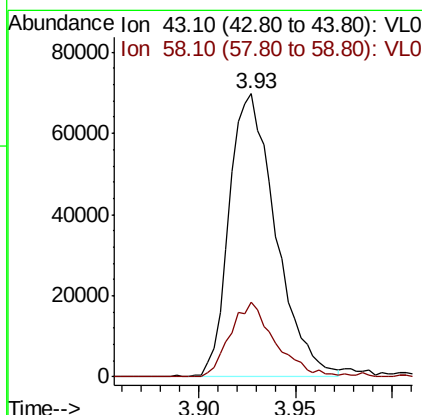
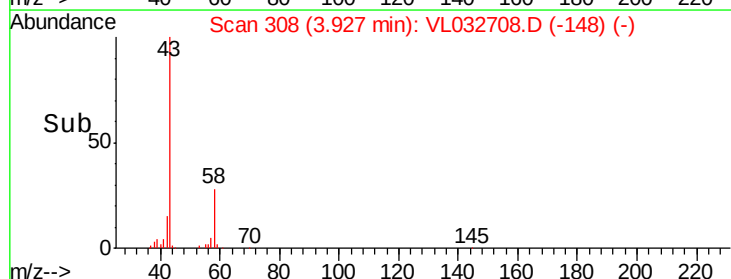
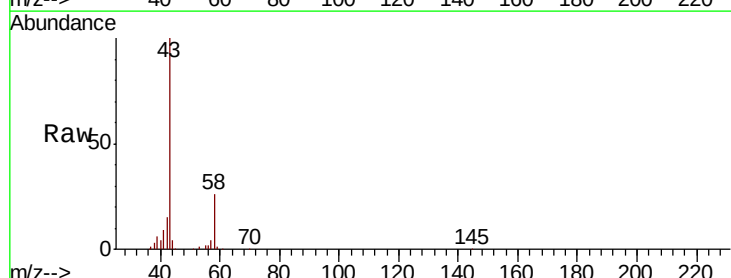
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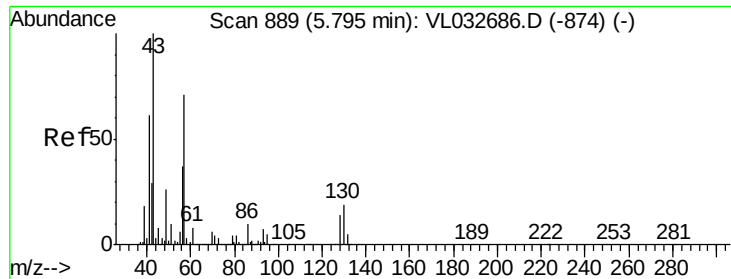
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#15
Acetone
Concen: 0.959 ppbv
RT: 3.93 min Scan# 308
Delta R.T. 0.02 min
Lab File: VL032708.D
Acq: 30 Oct 2018 21:17

Tgt Ion	43	Resp	116495
Ion Ratio	100	Lower	Upper
58	25.9	22.1	33.1





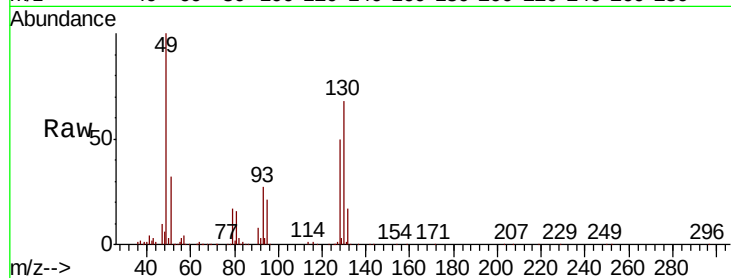
#26
Hexane
Concen: 0.122 ppbv m
RT: 5.79 min Scan# 888
Delta R.T. -0.00 min
Lab File: VL032708.D
Acq: 30 Oct 2018 21:17

Instrument :
MSVOA_L
ClientSampled :
SS-1DL2

Tot Ion	Ratio	Lower	Upper
57	100		
41	3.6	67.4	101.0#
43	80.7	171.9	257.9#
56	69.3	42.6	63.8#

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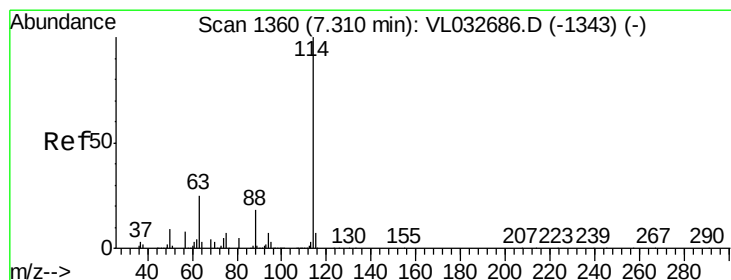
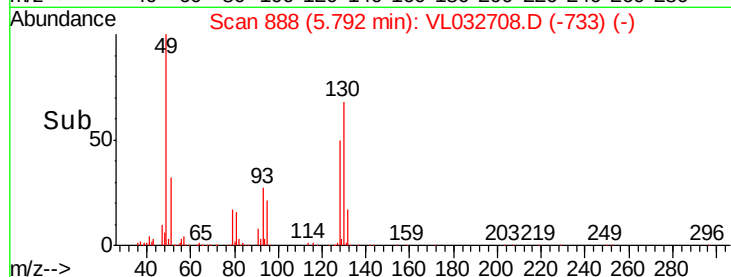
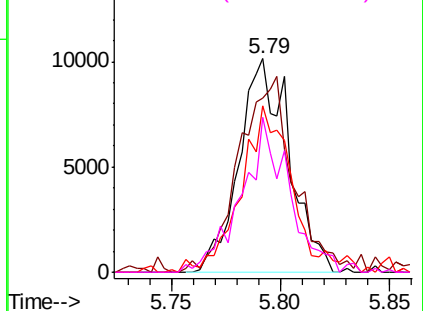
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

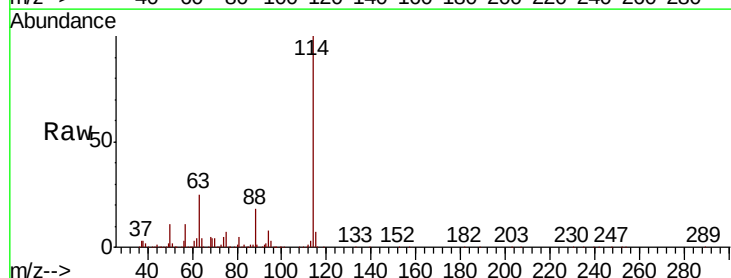
Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VL032708.D
Acq: 30 Oct 2018 21:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.1	21.7	32.5
88	18.0	14.9	22.3

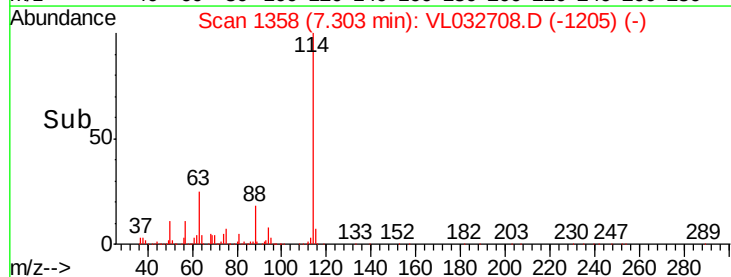
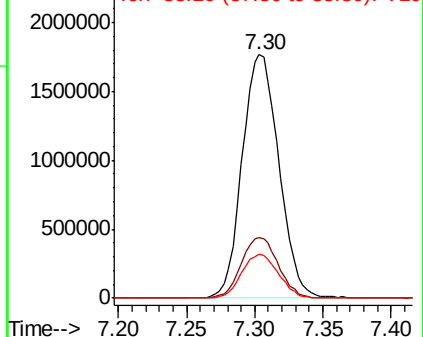


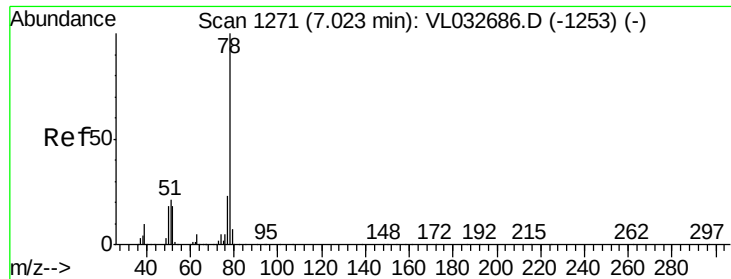
Abundance

Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#36

Benzene

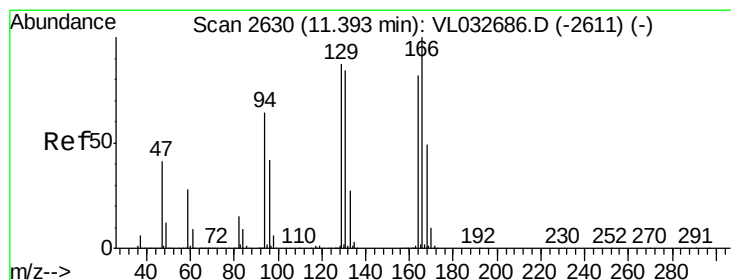
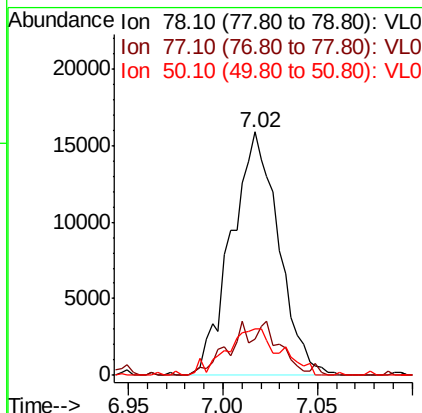
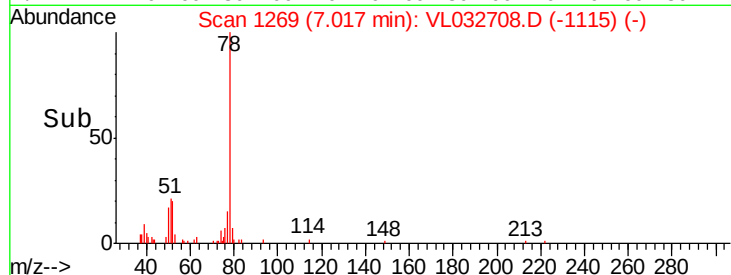
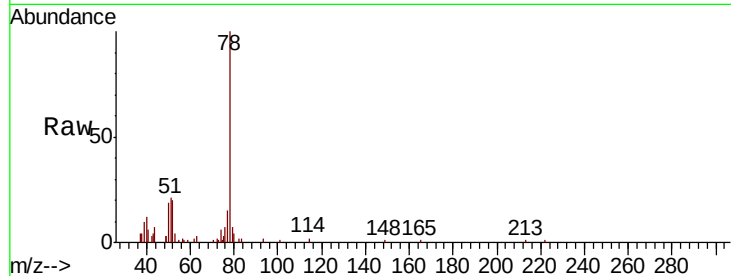
Concen: 0.103 ppbv m
 RT: 7.02 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VL032708.D
 Acq: 30 Oct 2018 21:17

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL2

Tot Ion	Ratio	Lower	Upper
78	100		
77	15.1	18.1	27.1#
50	18.9	15.1	22.7

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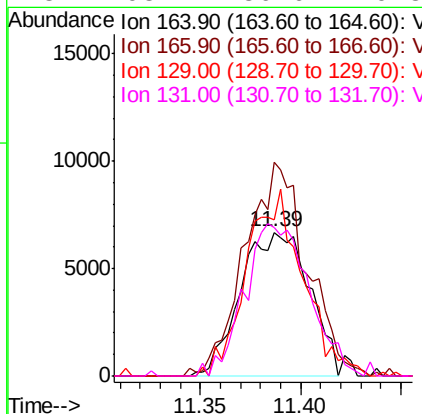
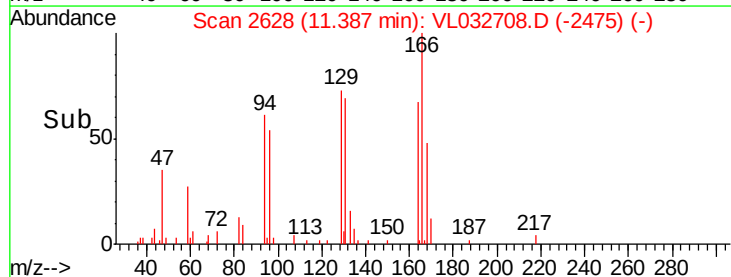
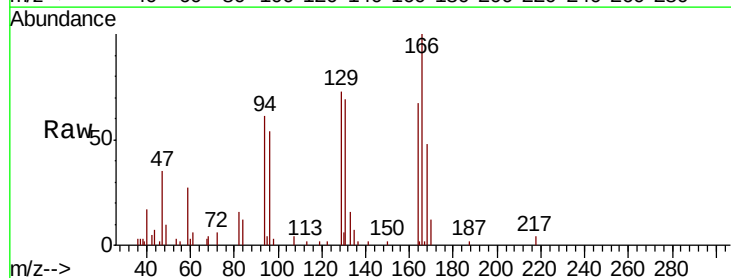


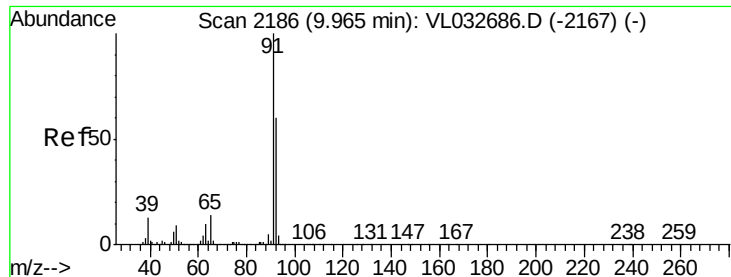
#52

Tetrachloroethene

Concen: 0.170 ppbv m
 RT: 11.39 min Scan# 2628
 Delta R.T. -0.01 min
 Lab File: VL032708.D
 Acq: 30 Oct 2018 21:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	148.8	100.5	150.7
129	108.4	90.0	135.0
131	103.2	86.6	129.8





#53

Toluene

Concen: 0.419 ppbv

RT: 9.96 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VL032708.D

Acq: 30 Oct 2018 21:17

Instrument :

MSVOA_L

ClientSampleId :

SS-1DL2

Tot Ion: 91 Resp: 128707

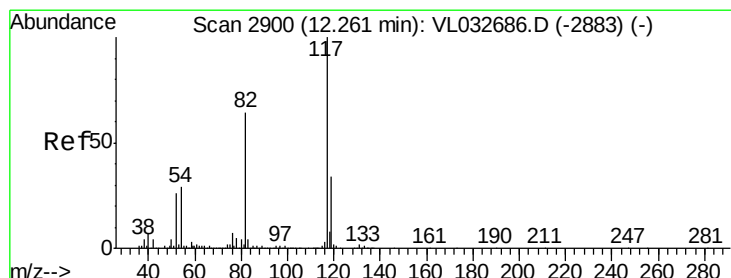
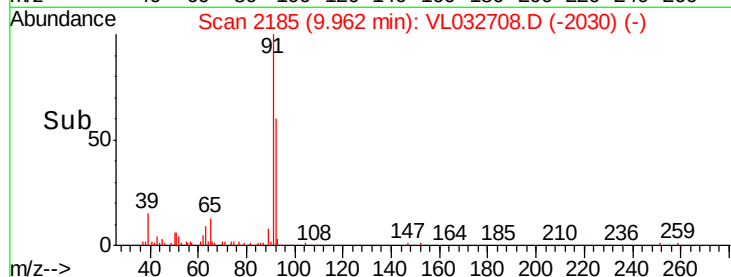
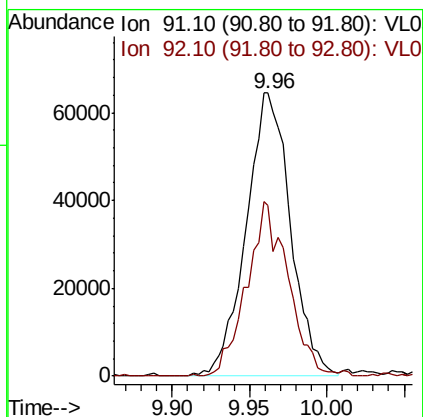
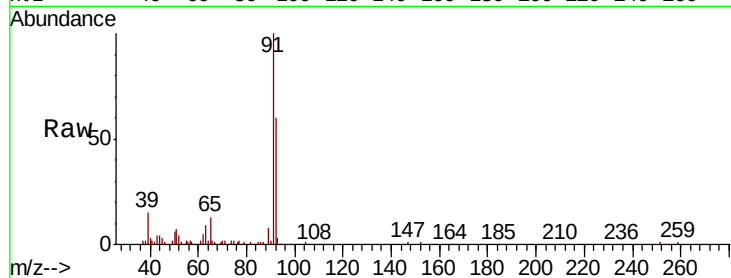
Ion Ratio Lower Upper

91 100

92 57.8 48.4 72.6

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VL032708.D

Acq: 30 Oct 2018 21:17

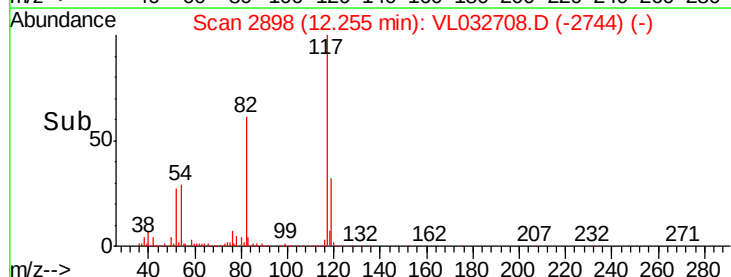
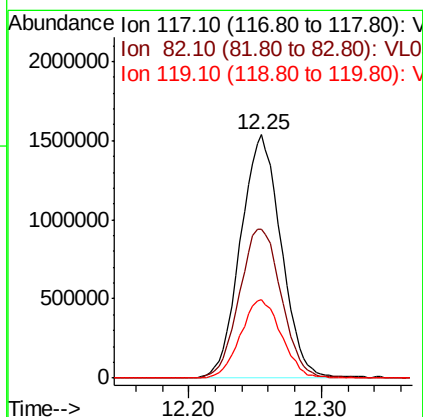
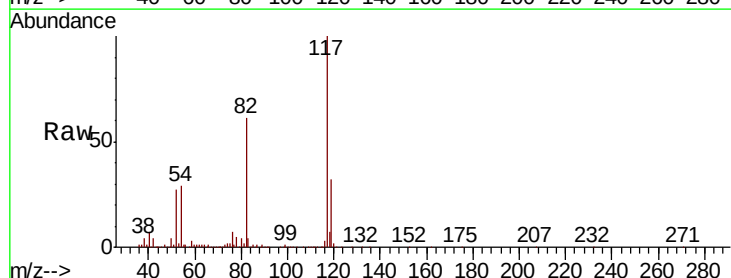
Tgt Ion: 117 Resp: 3262424

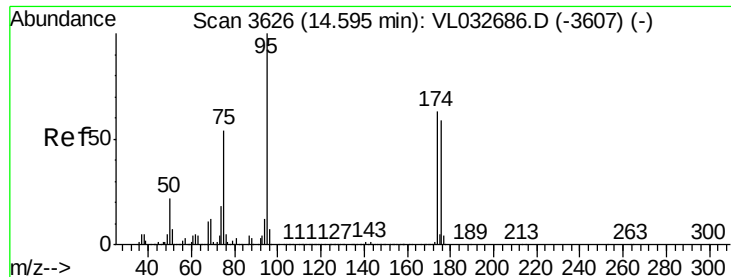
Ion Ratio Lower Upper

117 100

82 63.9 52.7 79.1

119 32.8 26.7 40.1





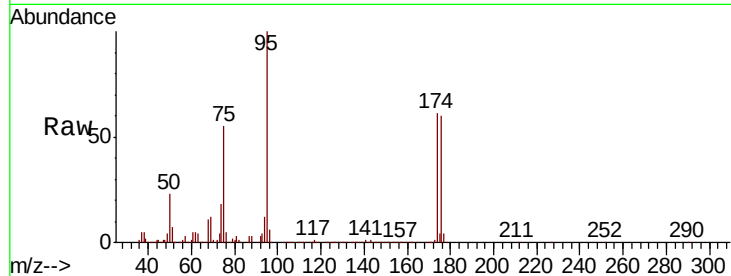
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.891 ppbv
 RT: 14.59 min Scan# 3625
 Delta R.T. -0.00 min
 Lab File: VL032708.D
 Acq: 30 Oct 2018 21:17

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL2

Tot Ion:	95	Resp:	2402630
Ion	Ratio	Lower	Upper
95	100		
174	65.3	46.0	69.0
175	4.7	3.4	5.0

Manual Integrations
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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

