

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111418\
 Data File : VL032767.D
 Acq On : 14 Nov 2018 20:23
 Operator : SY/AP
 Sample : J5896-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

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 11/16/2018 1:30:12 PM

Quant Time: Nov 15 06:59:52 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	1513436	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3691909	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3306922	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2580304	10.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	11362m	0.237	ppbv	
13) Ethanol	3.65	45	1005508	63.934	ppbv	99
15) Acetone	3.92	43	153634	1.112	ppbv	98
20) Methylene Chloride	4.42	84	51814m	0.724	ppbv	
26) Hexane	5.79	57	39871m	0.278	ppbv	
52) Tetrachloroethene	11.38	164	16594m	0.162	ppbv	

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

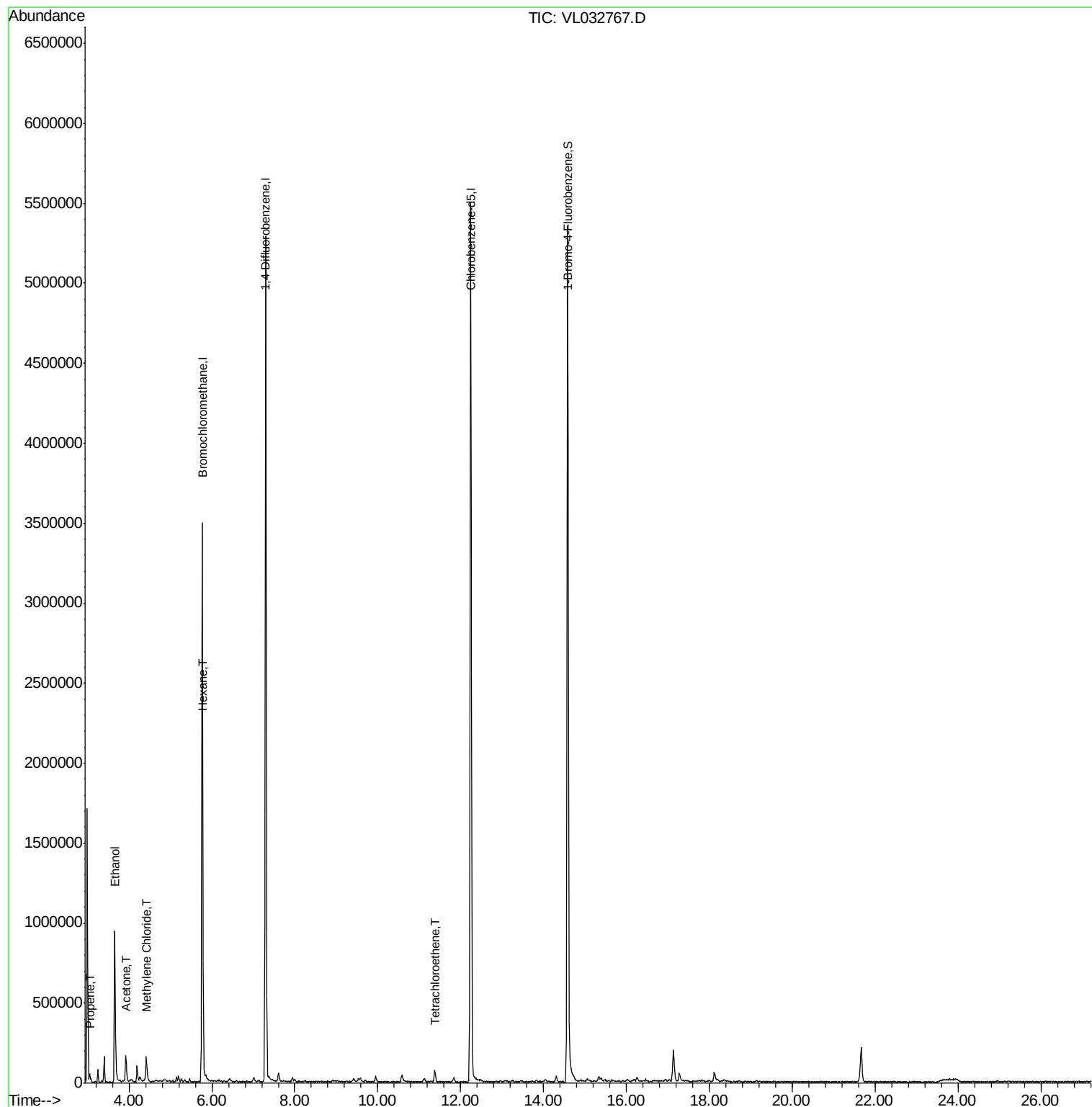
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111418\
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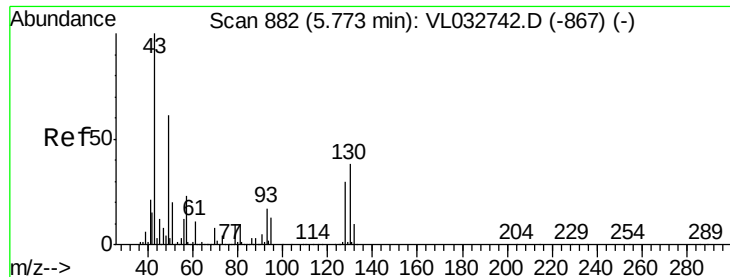
Instrument :
MSVOA_L
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032767.D

Acq: 14 Nov 2018 20:23

Instrument :

MSVOA_L

ClientSampleId :

IA2DL

Tot Ion: 49 Resp: 1513436

Ion Ratio Lower Upper

49 100

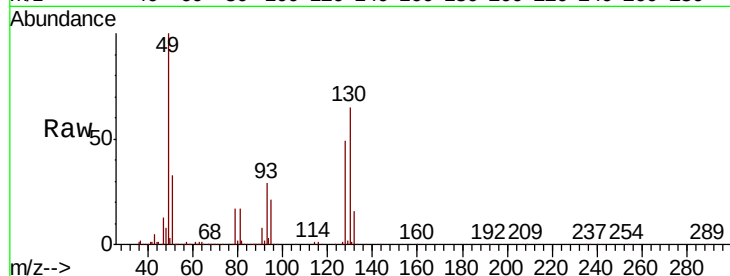
128 50.4 24.9 74.6

130 64.0 31.4 94.2

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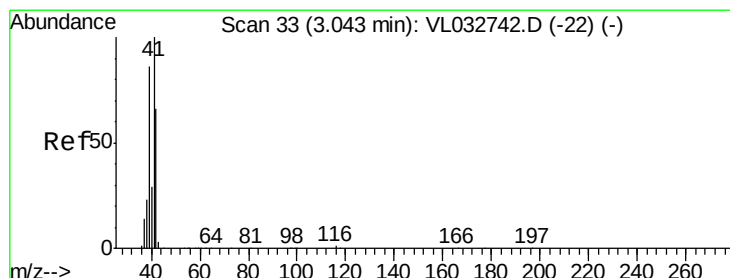
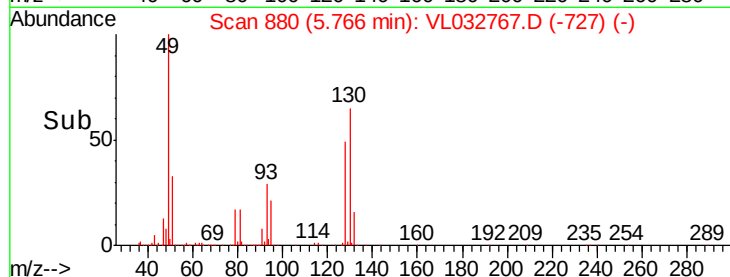
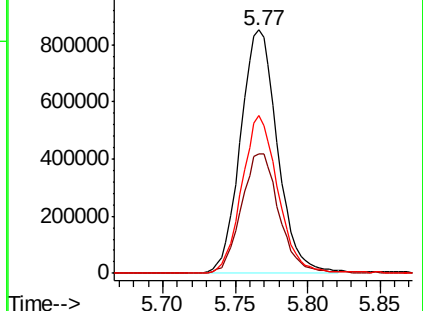
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.237 ppbv m

RT: 3.05 min Scan# 36

Delta R.T. 0.01 min

Lab File: VL032767.D

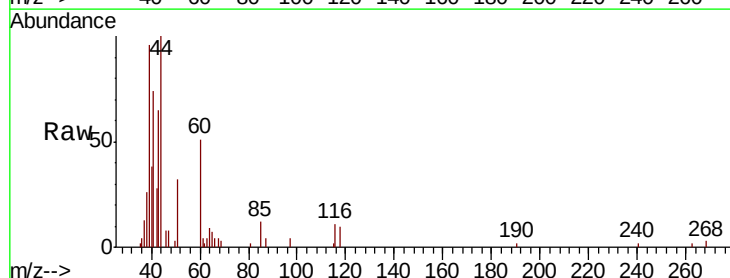
Acq: 14 Nov 2018 20:23

Tgt Ion: 41 Resp: 11362

Ion Ratio Lower Upper

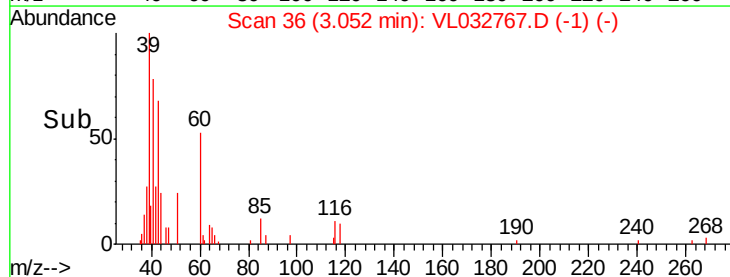
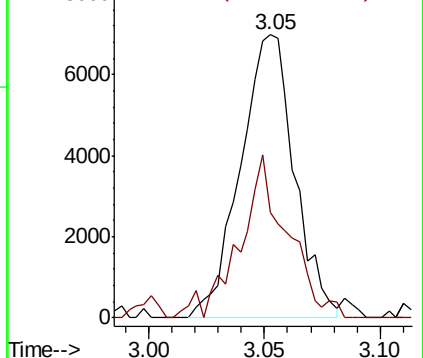
41 100

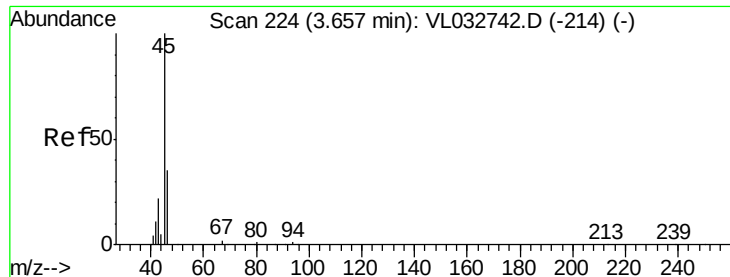
42 131.4 55.0 82.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





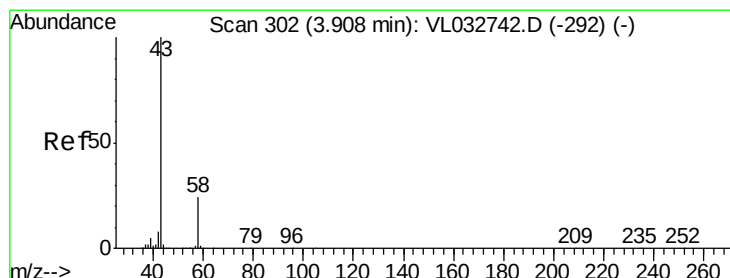
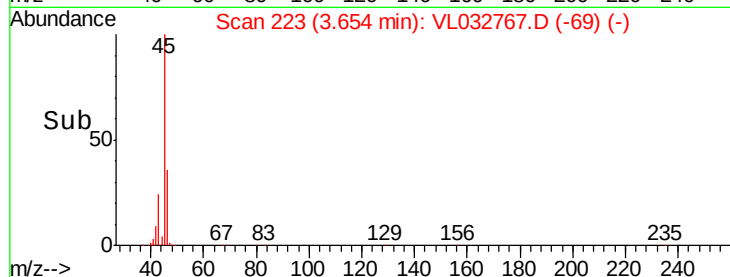
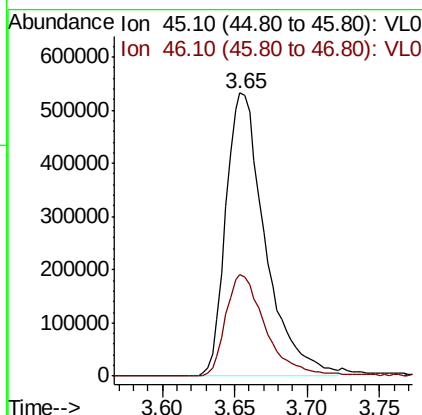
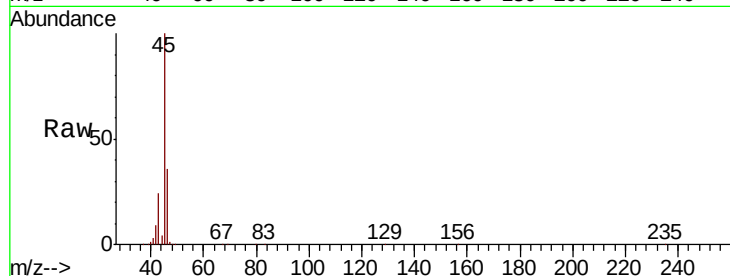
#13
Ethanol
Concen: 63.934 ppbv
RT: 3.65 min Scan# 223
Delta R.T. -0.00 min
Lab File: VL032767.D
Acq: 14 Nov 2018 20:23

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tot Ion: 45 Resp: 1005508
Ion Ratio Lower Upper
45 100
46 36.9 14.5 57.9

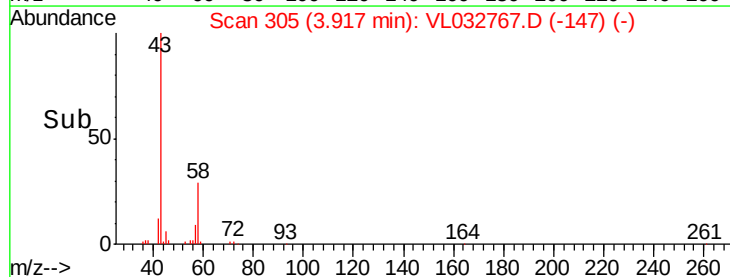
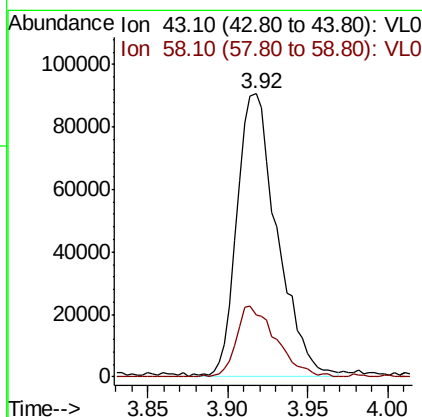
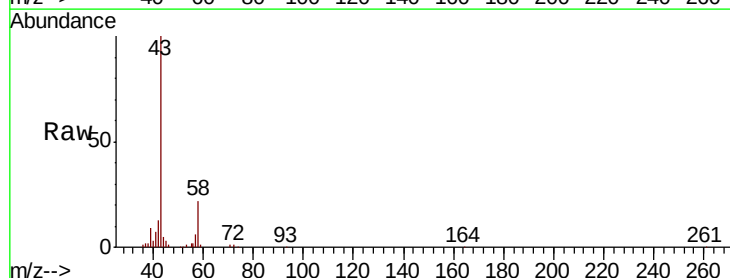
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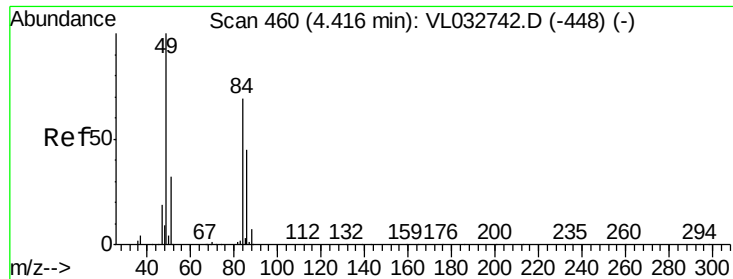
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#15
Acetone
Concen: 1.112 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.01 min
Lab File: VL032767.D
Acq: 14 Nov 2018 20:23

Tgt Ion: 43 Resp: 153634
Ion Ratio Lower Upper
43 100
58 25.2 21.1 31.7





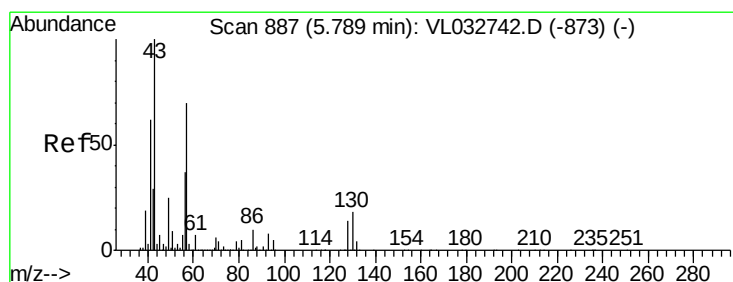
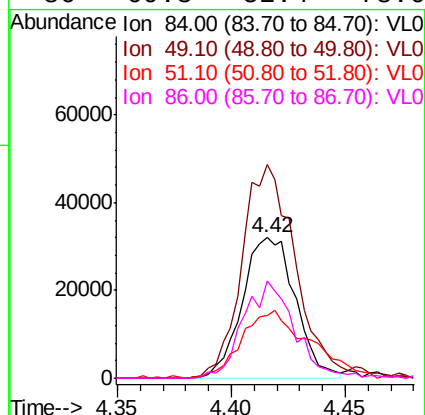
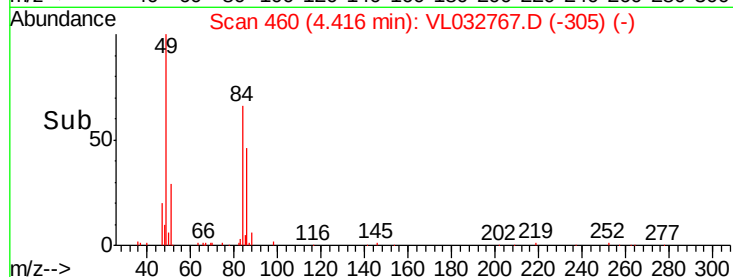
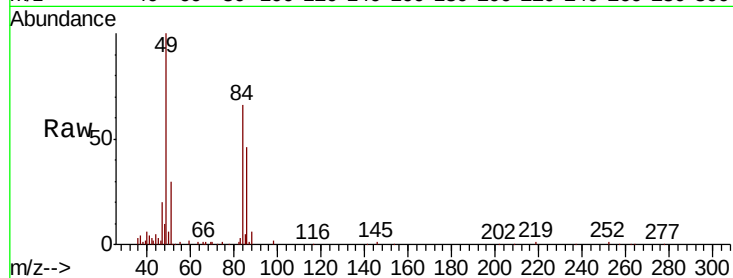
#20
Methvlene Chloride
Concen: 0.724 ppbv m
RT: 4.42 min Scan# 460
Delta R.T. -0.00 min
Lab File: VL032767.D
Acq: 14 Nov 2018 20:23

Instrument :
MSVOA_L
ClientSampled :
IA2DL

Tot Ion:	84	Resp:	51814
Ion	Ratio	Lower	Upper
84	100		
49	152.2	115.8	173.6
51	45.0	36.9	55.3
86	69.3	52.4	78.6

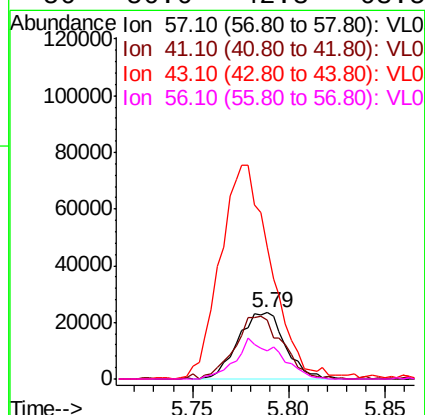
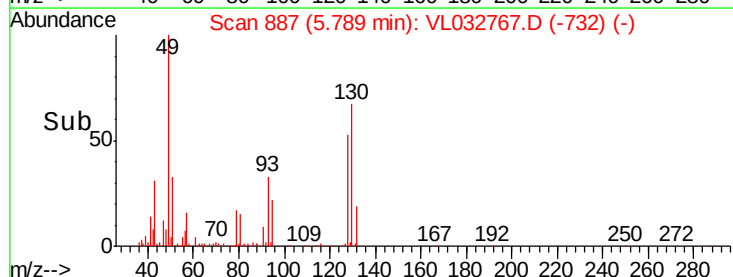
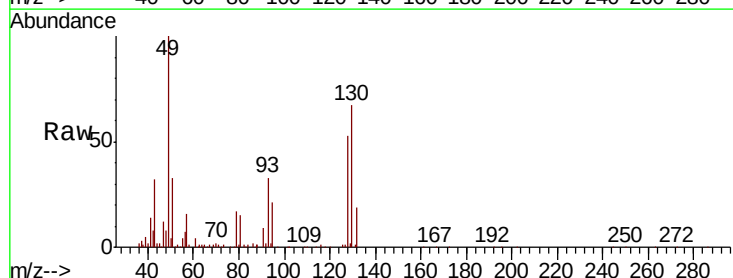
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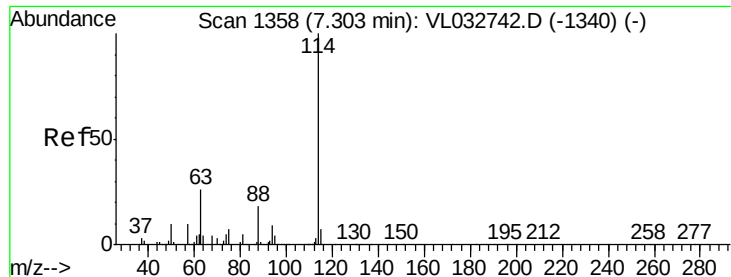
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#26
Hexane
Concen: 0.278 ppbv m
RT: 5.79 min Scan# 887
Delta R.T. -0.00 min
Lab File: VL032767.D
Acq: 14 Nov 2018 20:23

Tgt Ion:	57	Resp:	39871
Ion	Ratio	Lower	Upper
57	100		
41	0.0	70.3	105.5#
43	355.0	174.0	261.0#
56	56.6	42.3	63.5





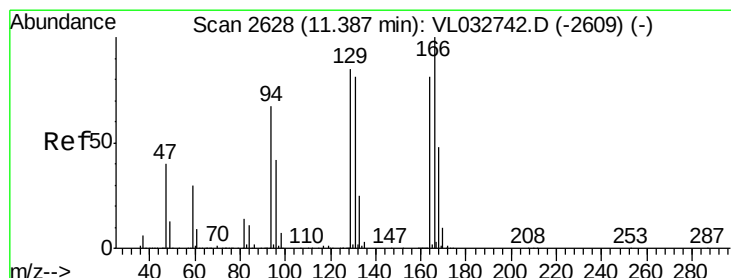
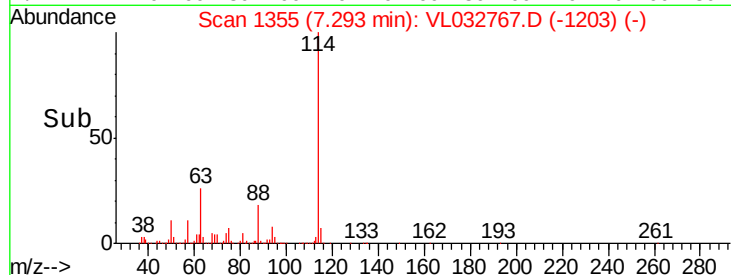
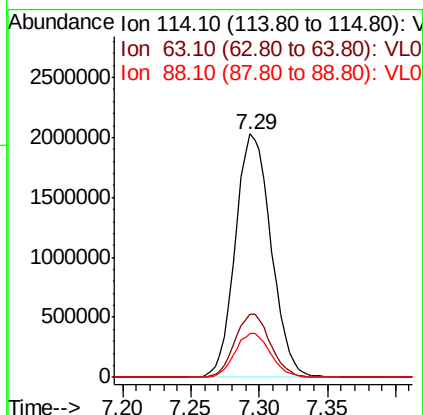
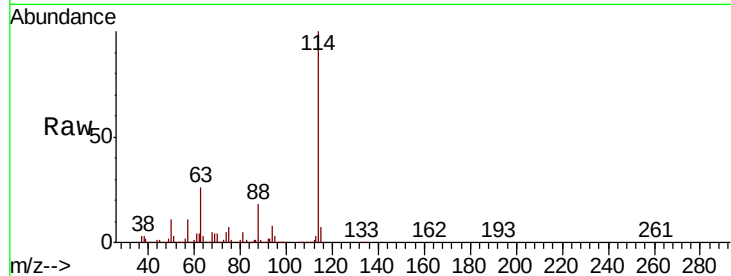
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032767.D
Acq: 14 Nov 2018 20:23

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.9	20.9	31.3
88	18.1	14.4	21.6

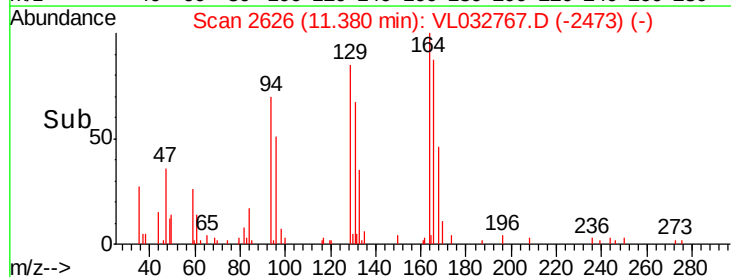
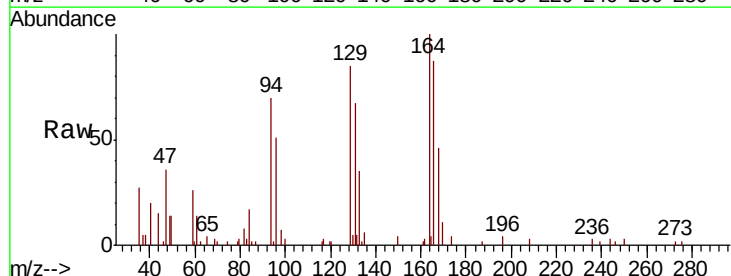
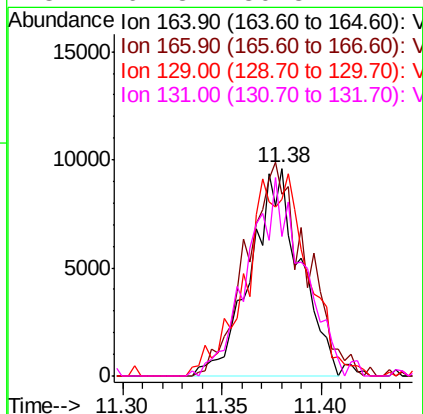
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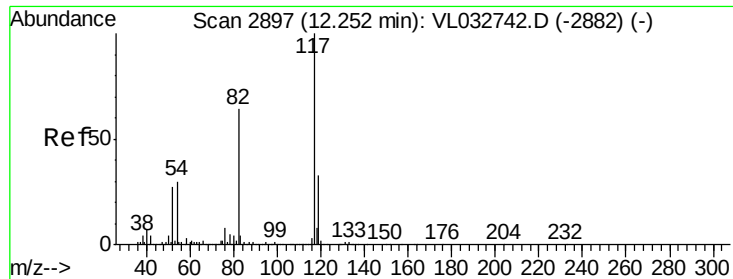
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#52
Tetrachloroethene
Concen: 0.162 ppbv m
RT: 11.38 min Scan# 2626
Delta R.T. -0.01 min
Lab File: VL032767.D
Acq: 14 Nov 2018 20:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	87.4	99.3	148.9#
129	84.9	83.9	125.9
131	67.3	80.8	121.2#





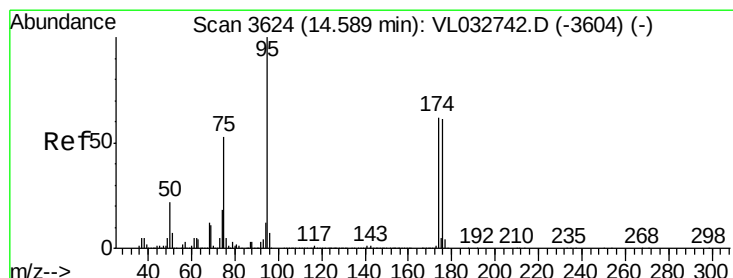
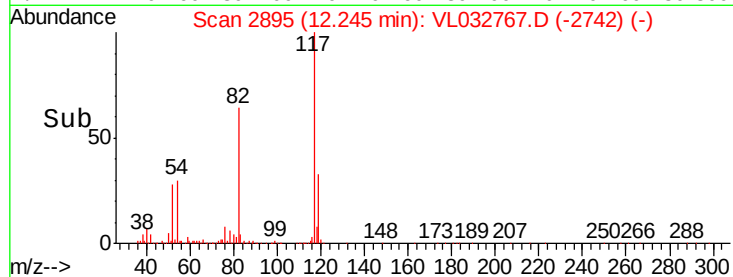
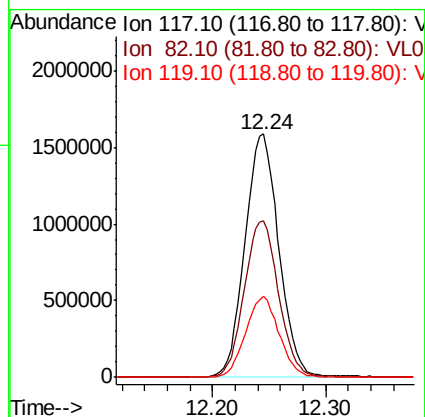
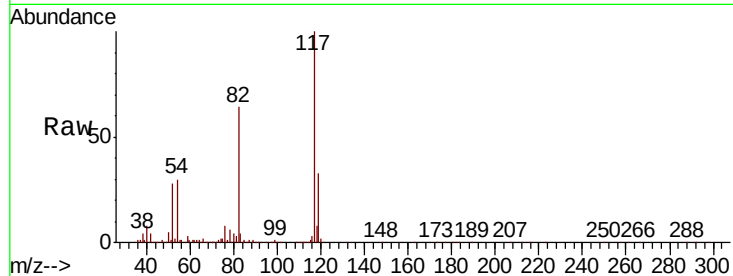
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032767.D
Acq: 14 Nov 2018 20:23

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.8	51.0	76.6
119	33.1	28.0	42.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.432 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032767.D
Acq: 14 Nov 2018 20:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.1	50.7	76.1
175	4.7	3.8	5.6

