

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111418\
 Data File : VL032765.D
 Acq On : 14 Nov 2018 19:04
 Operator : SY/AP
 Sample : J5896-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

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 11/16/2018 1:30:09 PM

Quant Time: Nov 15 06:47:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	1575957	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3920335	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3506593	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2679732	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.67	45	32692	1.996	ppbv	95
15) Acetone	3.92	43	89214	0.620	ppbv #	84
20) Methylene Chloride	4.41	84	23809	0.320	ppbv #	83
26) Hexane	5.78	57	20067m	0.134	ppbv	

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

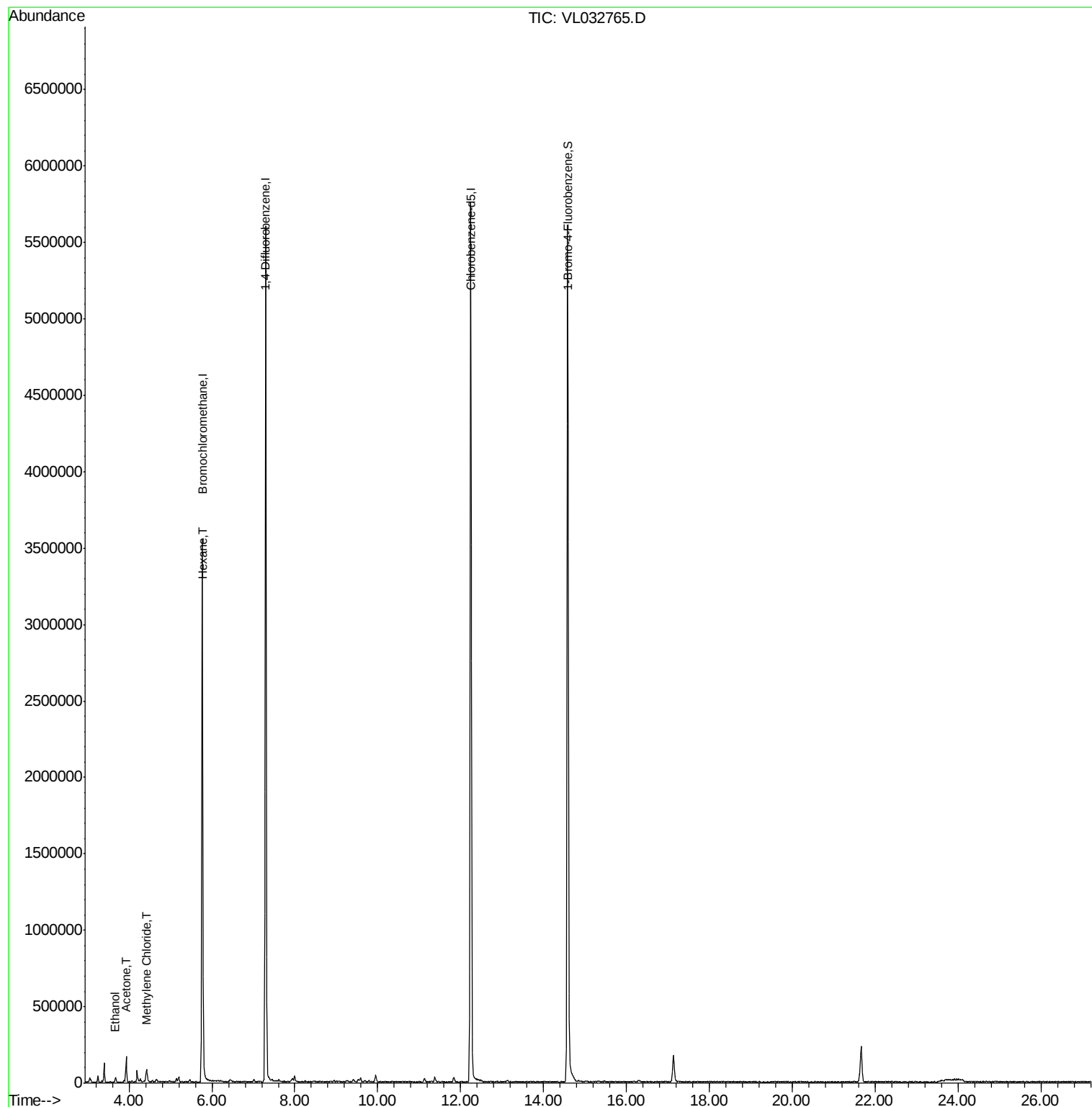
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111418\
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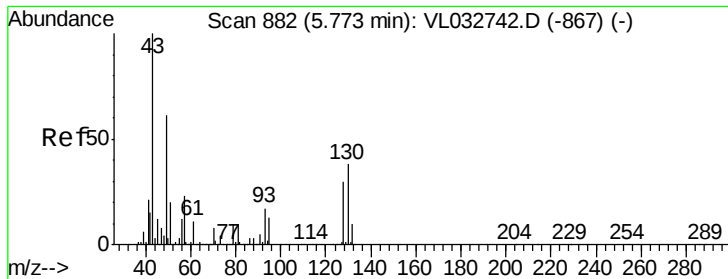
Instrument :
MSVOA_L
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Quant Time: Nov 15 06:47:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032765.D

Acq: 14 Nov 2018 19:04

Instrument :

MSVOA_L

ClientSampleId :

QA1DL

Tot Ion: 49 Resp: 1575957

Ion Ratio Lower Upper

49 100

128 50.5 24.9 74.6

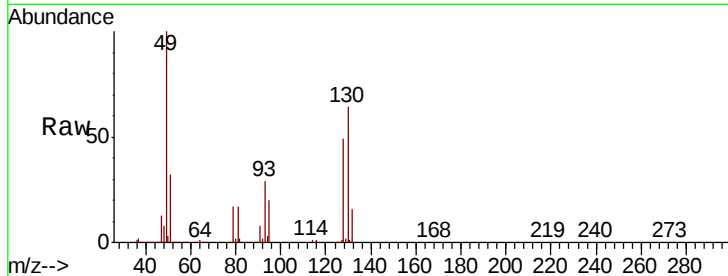
130 64.6 31.4 94.2

Manual Integrations

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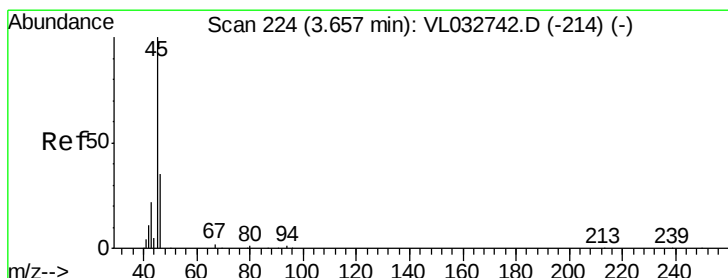
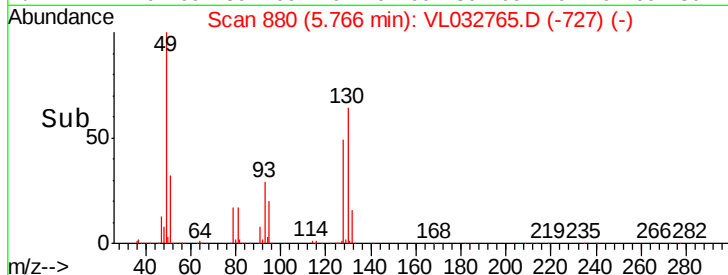
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.77

Time-->



#13

Ethanol

Concen: 1.996 ppbv

RT: 3.67 min Scan# 228

Delta R.T. 0.01 min

Lab File: VL032765.D

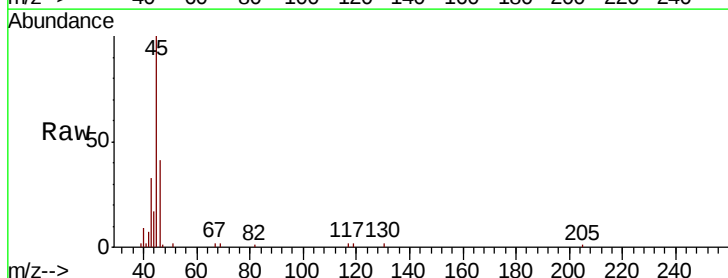
Acq: 14 Nov 2018 19:04

Tgt Ion: 45 Resp: 32692

Ion Ratio Lower Upper

45 100

46 38.9 14.5 57.9

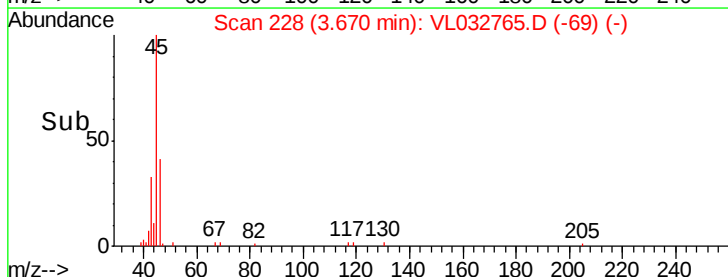


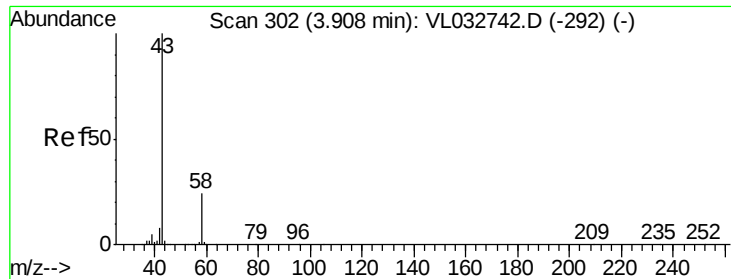
Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

3.67

Time-->





#15

Acetone

Concen: 0.620 ppbv

RT: 3.92 min Scan# 307

Delta R.T. 0.02 min

Lab File: VL032765.D

Acq: 14 Nov 2018 19:04

Instrument :

MSVOA_L

ClientSampleId :

QA1DL

Tot Ion: 43 Resp: 89214

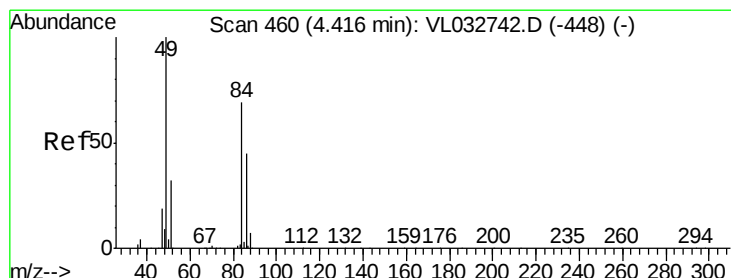
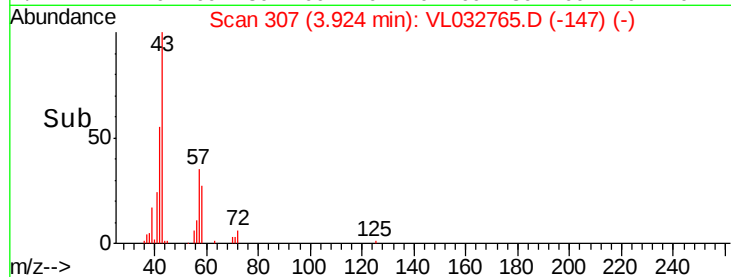
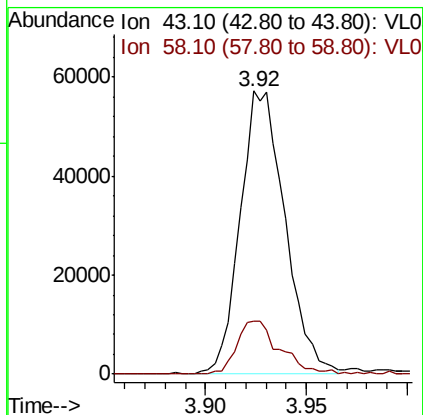
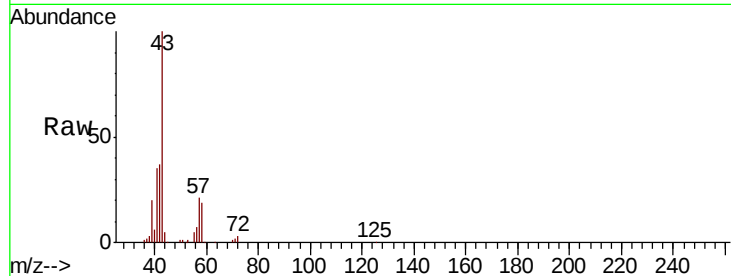
Ion Ratio Lower Upper

43 100

58 18.2 21.1 31.7#

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#20

Methylene Chloride

Concen: 0.320 ppbv

RT: 4.41 min Scan# 459

Delta R.T. -0.00 min

Lab File: VL032765.D

Acq: 14 Nov 2018 19:04

Tgt Ion: 84 Resp: 23809

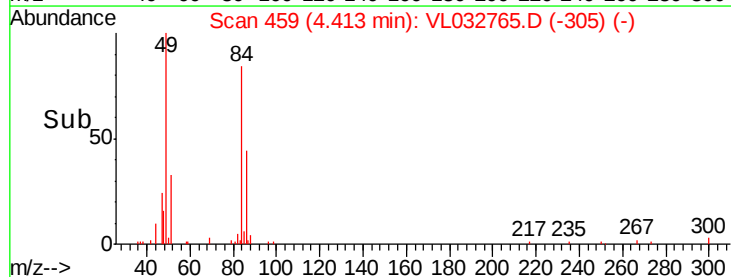
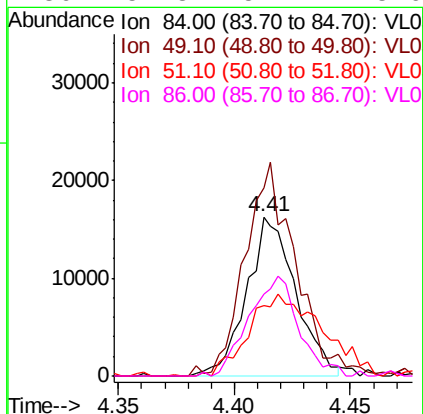
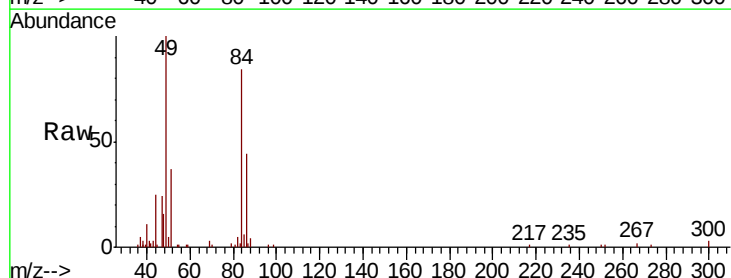
Ion Ratio Lower Upper

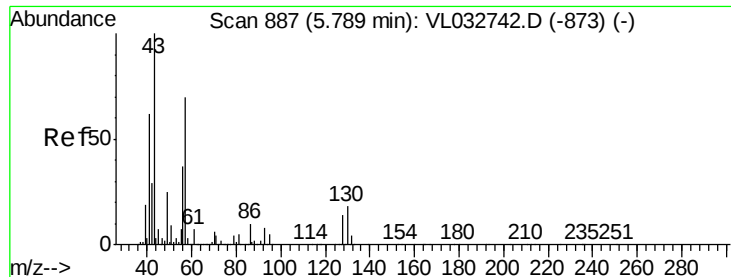
84 100

49 118.7 115.8 173.6

51 44.0 36.9 55.3

86 51.8 52.4 78.6#





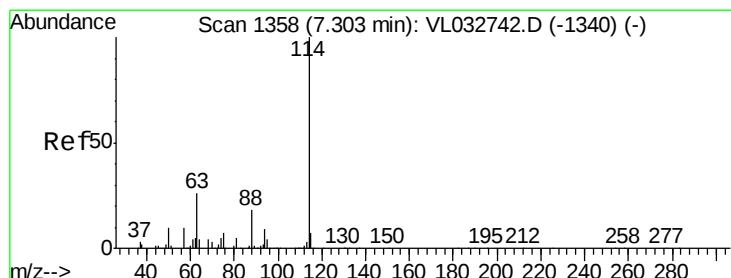
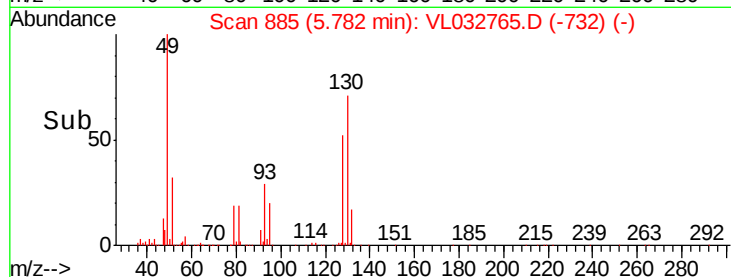
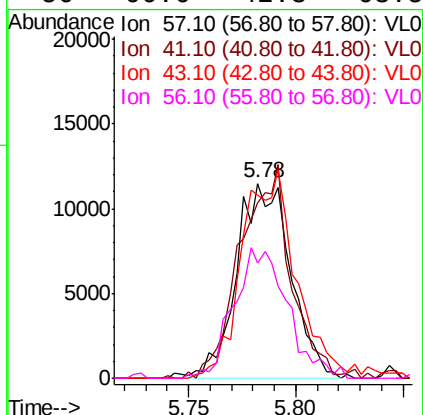
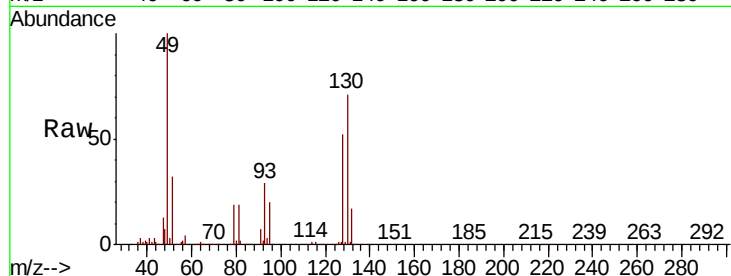
#26
Hexane
Concen: 0.134 ppbv m
RT: 5.78 min Scan# 885
Delta R.T. -0.01 min
Lab File: VL032765.D
Acq: 14 Nov 2018 19:04

Instrument :
MSVOA_L
ClientSampleId :
QA1DL

Tot Ion	57	Resp	20067
Ion Ratio	Lower	Upper	
57	100		
41	0.0	70.3	105.5#
43	0.0	174.0	261.0#
56	66.6	42.3	63.5#

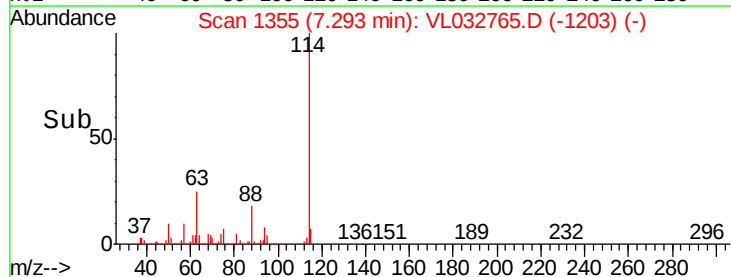
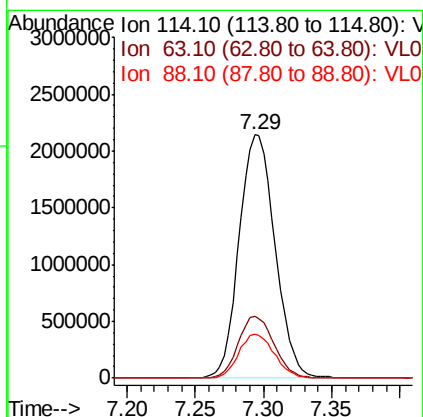
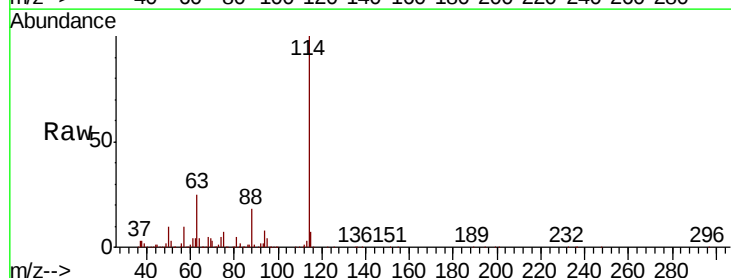
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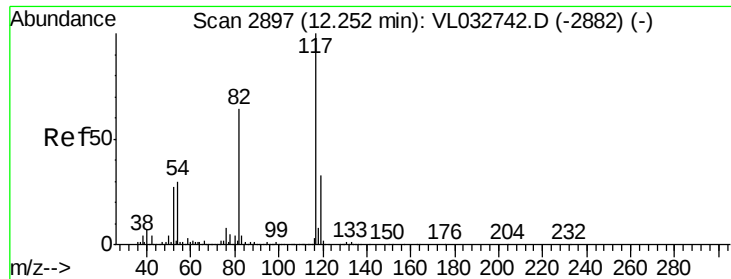
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032765.D
Acq: 14 Nov 2018 19:04

Tgt Ion	114	Resp	3920335
Ion Ratio	Lower	Upper	
114	100		
63	25.4	20.9	31.3
88	17.9	14.4	21.6





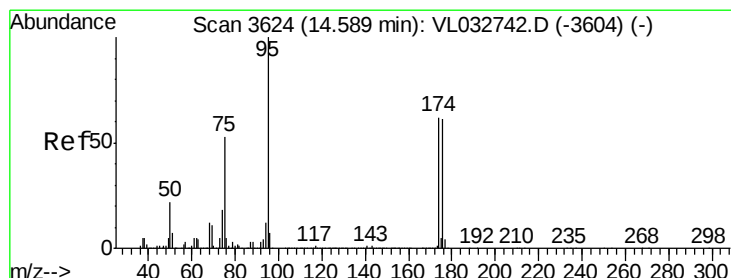
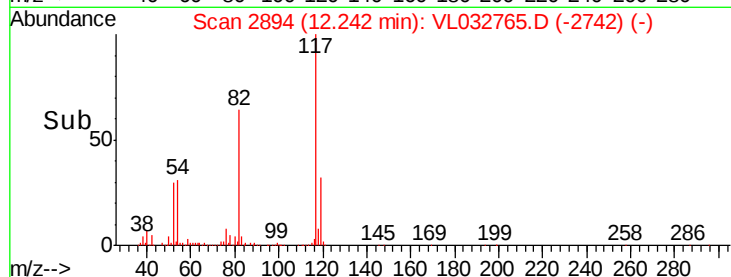
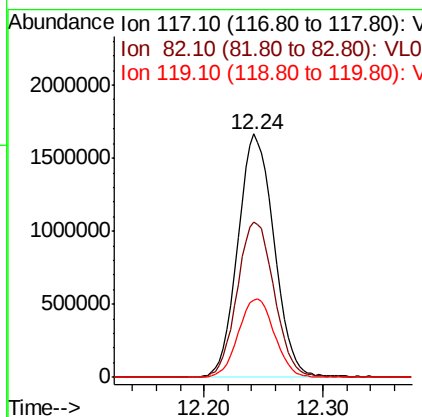
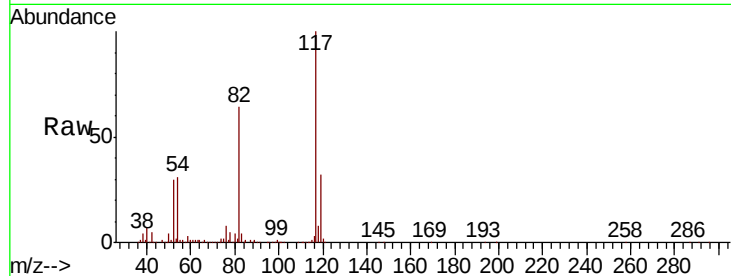
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032765.D
Acq: 14 Nov 2018 19:04

Instrument :
MSVOA_L
ClientSampleID :
QA1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.0	51.0	76.6
119	32.5	28.0	42.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.217 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032765.D
Acq: 14 Nov 2018 19:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.3	50.7	76.1
175	4.7	3.8	5.6

