

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101718\
 Data File : VL032648.D
 Acq On : 17 Oct 2018 19:32
 Operator : SY/AP
 Sample : J5500-02DL2 1000X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS04-MIVIDL2

Manual Integrations
 APPROVED

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 10/19/2018 4:36:42 PM

Quant Time: Oct 18 10:49:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Oct 18 10:49:09 2018
 QLast Update : Wed Oct 17 08:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1179675	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	2537469	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.26	117	2426287	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.60	95	1875137	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.06	41	19516m	0.54	ppbv	
15) Acetone	3.94	43	63800	0.61	ppbv	94
18) 1,1-Dichloroethene	4.37	96	12257	0.24	ppbv #	69
29) Chloroform	5.86	83	3856110	19.66	ppbv	100
35) Carbon Tetrachloride	7.15	117	1024101	5.21	ppbv	98
38) Trichloroethene	7.98	130	9110m	0.12	ppbv	

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

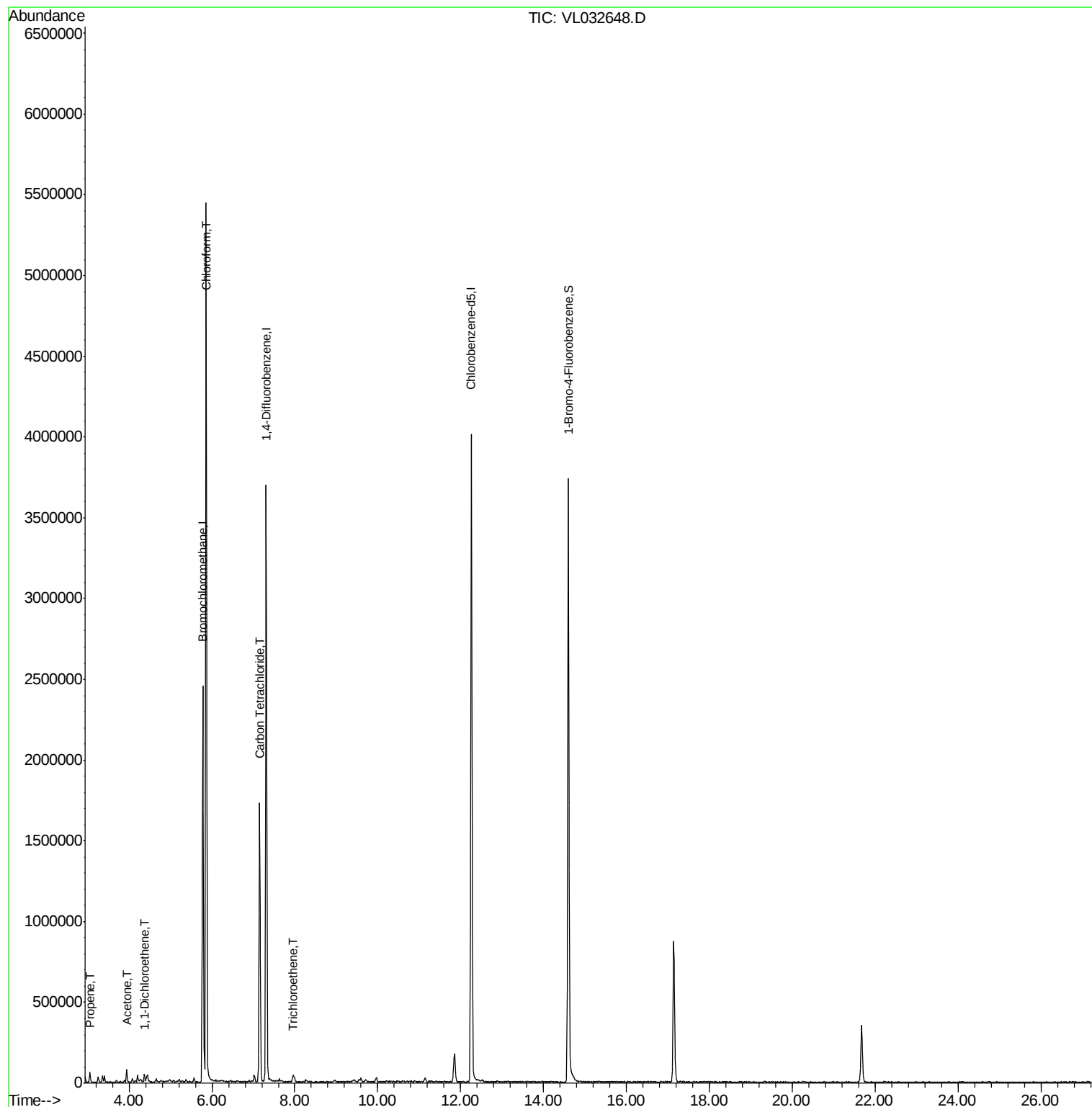
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL101718\
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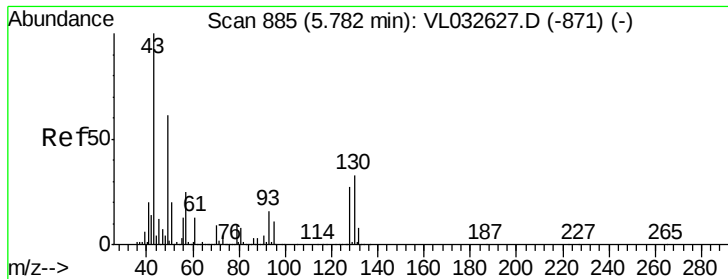
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QLast Update : Wed Oct 17 08:55:11 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.78 min Scan# 884

Delta R.T. -0.00 min

Lab File: VL032648.D

Acq: 17 Oct 2018 19:32

Instrument :

MSVOA_L

ClientSampleId :

SS04-MIVIDL2

Tgt Ion: 49 Resp: 1179675

Ion Ratio Lower Upper

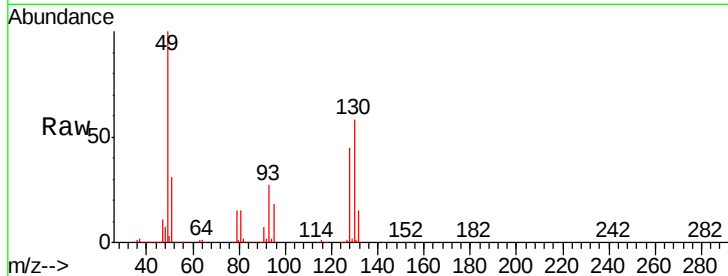
49 100

128 44.5 22.3 66.8

130 56.8 28.4 85.3

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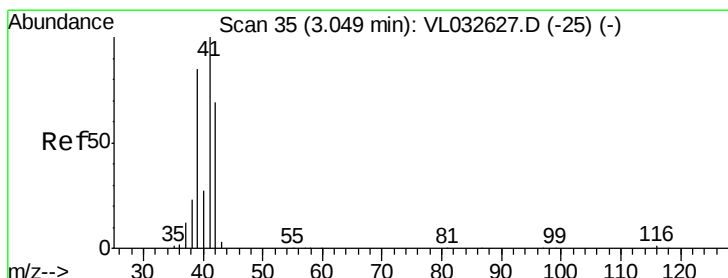
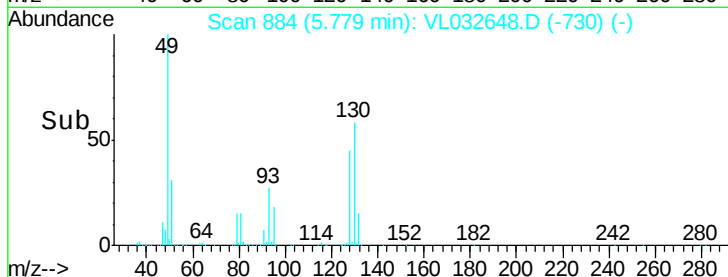
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.78

Time-->



#9

Propene

Concen: 0.54 ppbv m

RT: 3.06 min Scan# 37

Delta R.T. 0.01 min

Lab File: VL032648.D

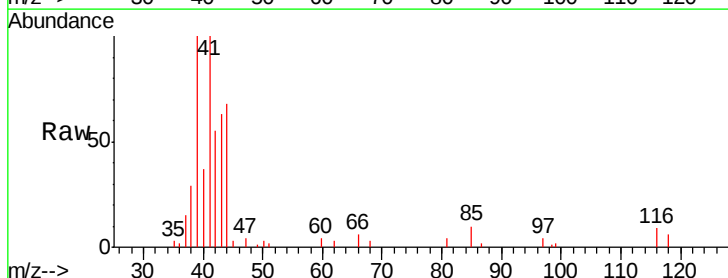
Acq: 17 Oct 2018 19:32

Tgt Ion: 41 Resp: 19516

Ion Ratio Lower Upper

41 100

42 54.4 55.4 83.0#

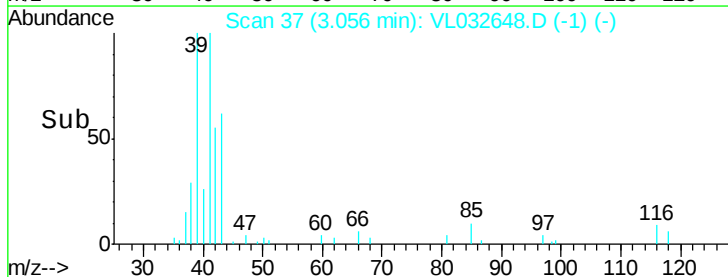


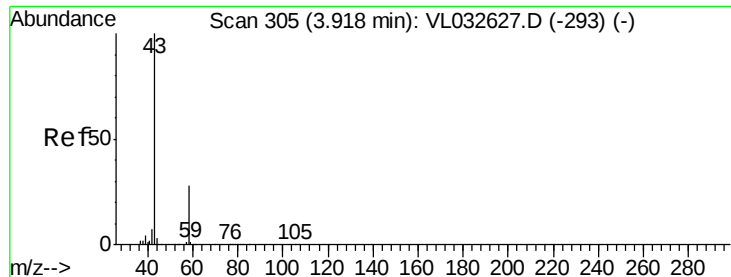
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.06

Time-->





#15

Acetone

Concen: 0.61 ppbv

RT: 3.94 min Scan# 313

Delta R.T. 0.03 min

Lab File: VL032648.D

Acq: 17 Oct 2018 19:32

Instrument :

MSVOA_L

ClientSampleId :

SS04-MIVIDL2

Tgt Ion: 43 Resp: 63800

Ion Ratio Lower Upper

43 100

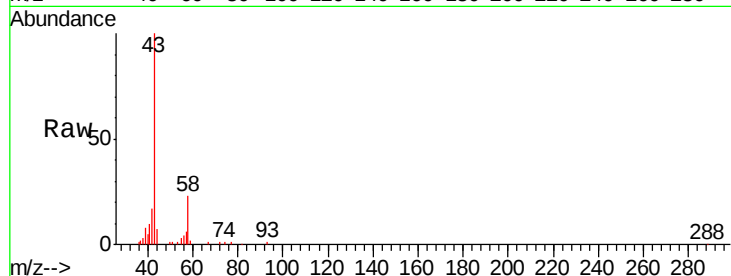
58 30.5 22.1 33.1

Manual Integrations

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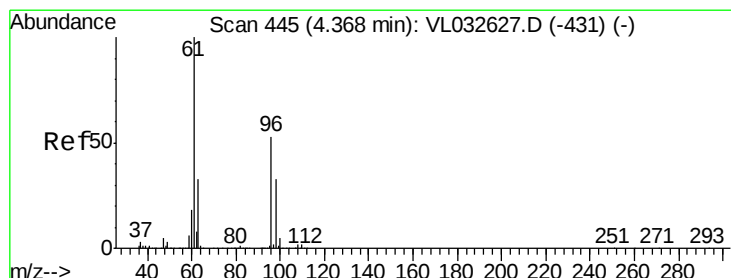
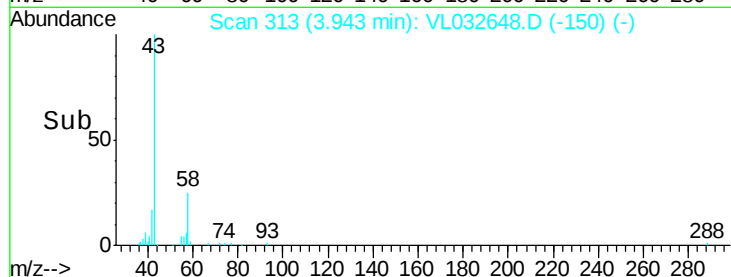
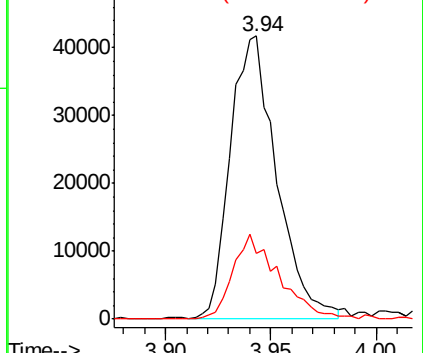
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#18

1,1-Dichloroethene

Concen: 0.24 ppbv

RT: 4.37 min Scan# 446

Delta R.T. 0.00 min

Lab File: VL032648.D

Acq: 17 Oct 2018 19:32

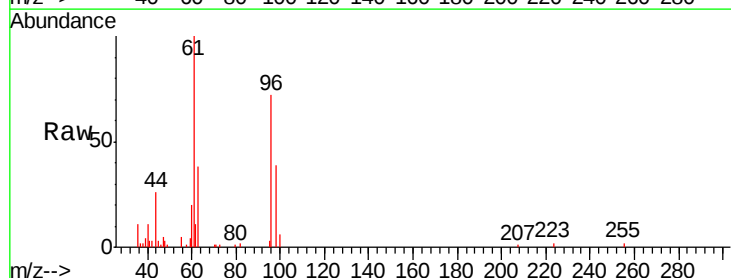
Tgt Ion: 96 Resp: 12257

Ion Ratio Lower Upper

96 100

61 134.3 151.6 227.4#

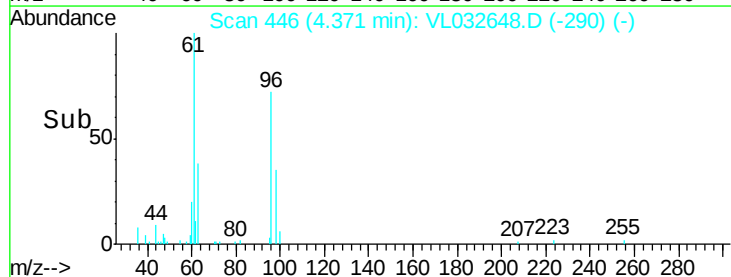
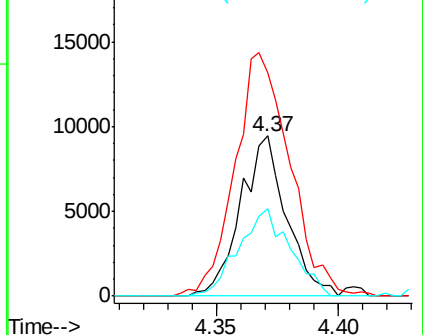
98 54.6 50.6 75.8

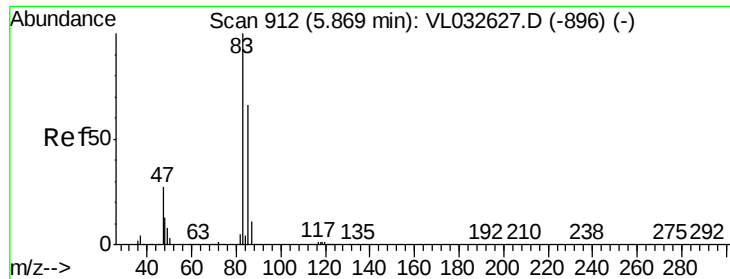


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#29

Chloroform

Concen: 19.66 ppbv

RT: 5.86 min Scan# 910

Delta R.T. -0.01 min

Lab File: VL032648.D

Acq: 17 Oct 2018 19:32

Instrument :

MSVOA_L

ClientSampleId :

SS04-MIVIDL2

Tgt Ion: 83 Resp: 3856110

Ion Ratio Lower Upper

83 100

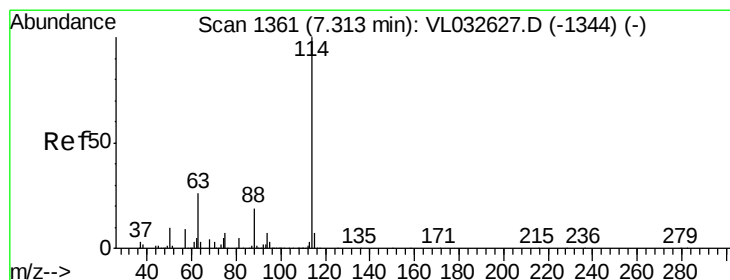
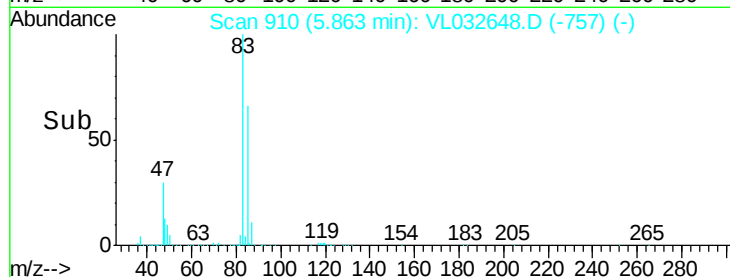
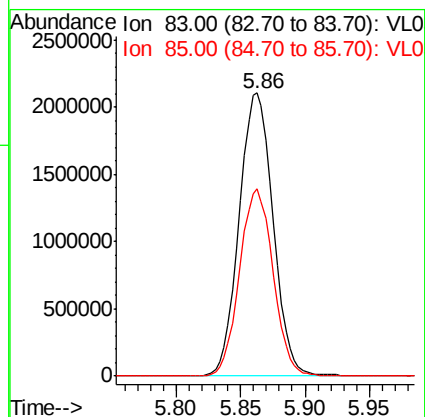
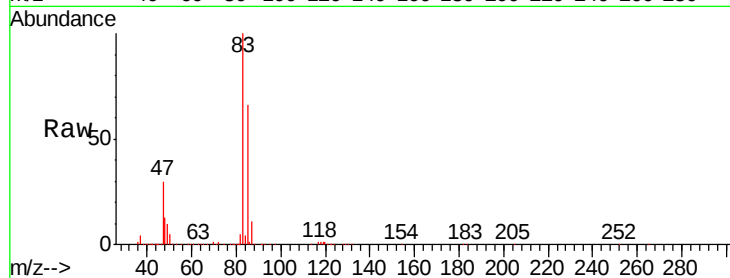
85 66.2 53.0 79.6

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#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.31 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VL032648.D

Acq: 17 Oct 2018 19:32

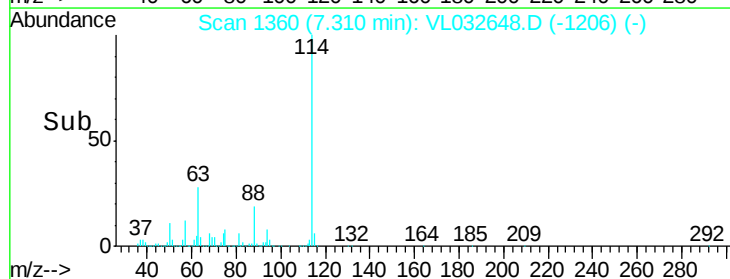
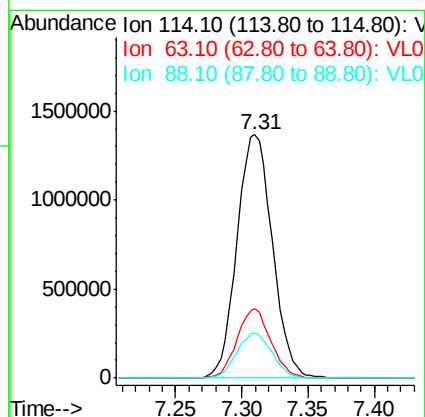
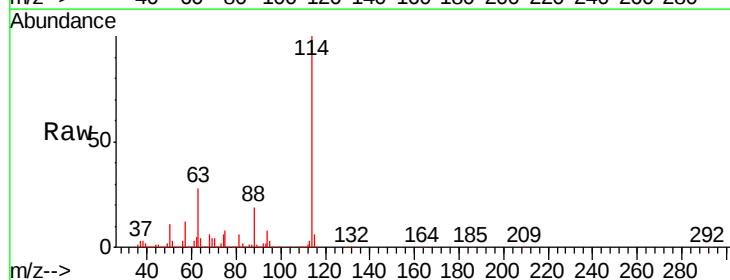
Tgt Ion: 114 Resp: 2537469

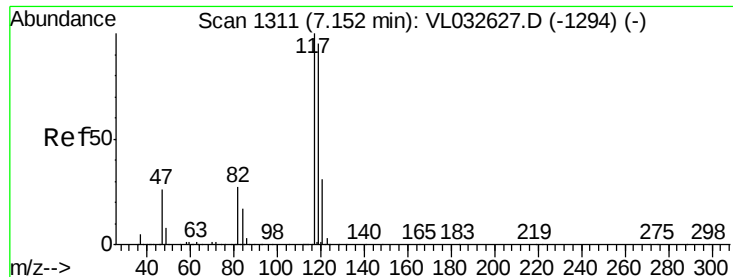
Ion Ratio Lower Upper

114 100

63 27.2 21.7 32.5

88 18.4 14.9 22.3





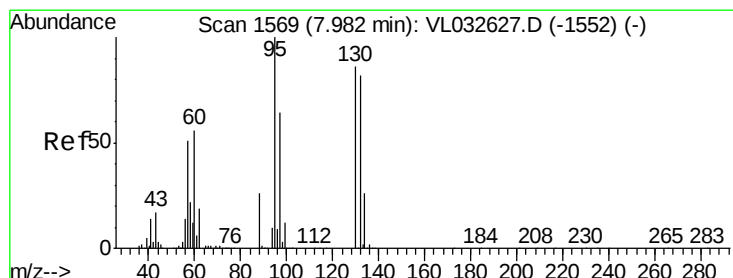
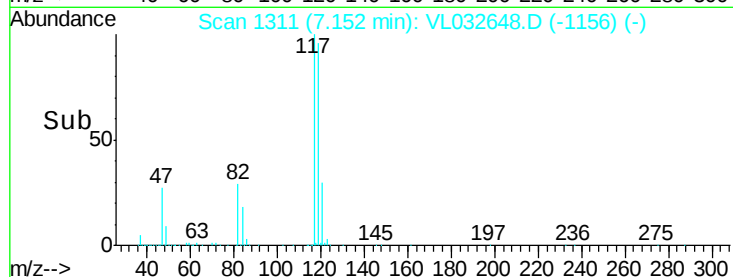
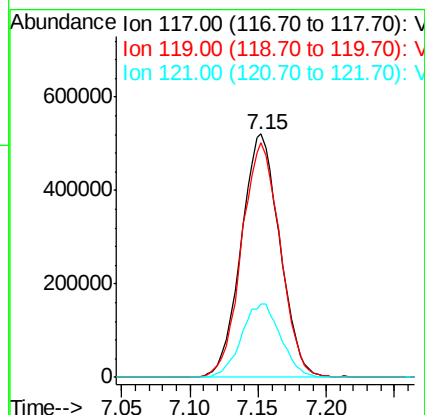
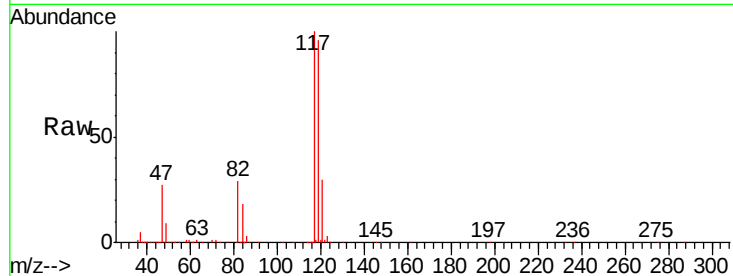
#35
Carbon Tetrachloride
Concen: 5.21 ppbv
RT: 7.15 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VL032648.D
Acq: 17 Oct 2018 19:32

Instrument :
MSVOA_L
ClientSampleId :
SS04-MIVIDL2

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.7	113.5
121	30.0	24.7	37.1

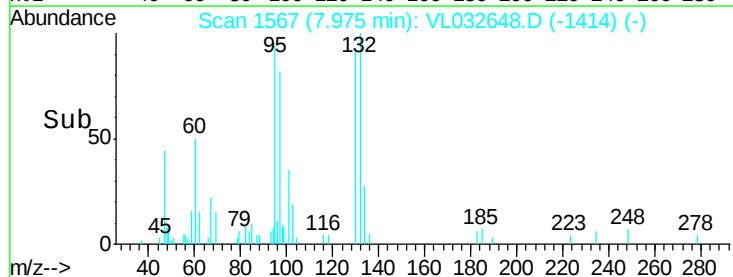
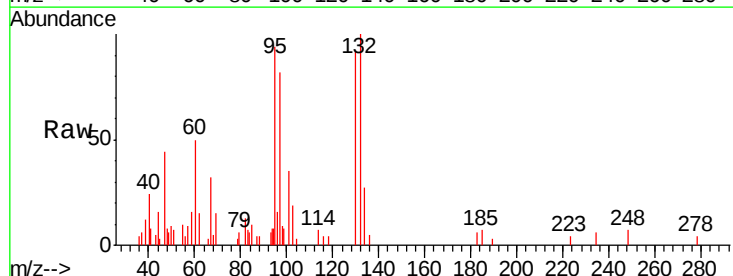
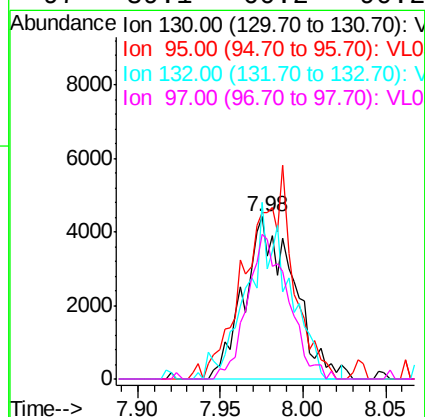
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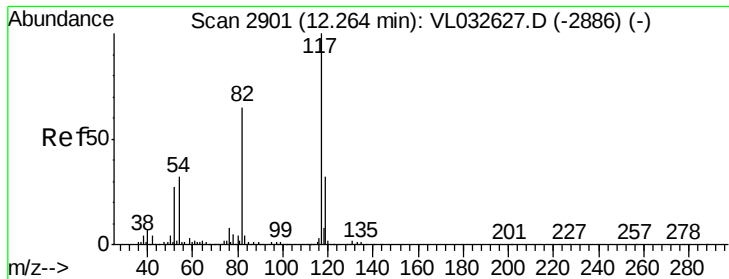
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#38
Trichloroethene
Concen: 0.12 ppbv m
RT: 7.98 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VL032648.D
Acq: 17 Oct 2018 19:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.6	93.4	140.0
132	108.9	76.5	114.7
97	89.1	60.2	90.2





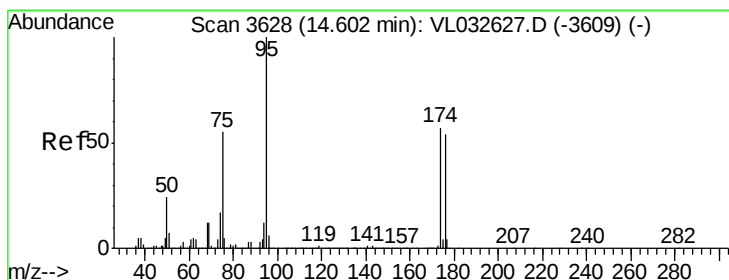
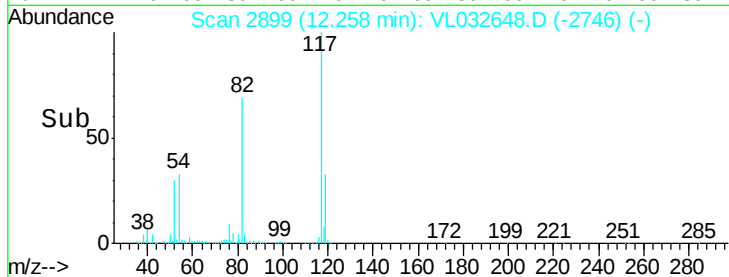
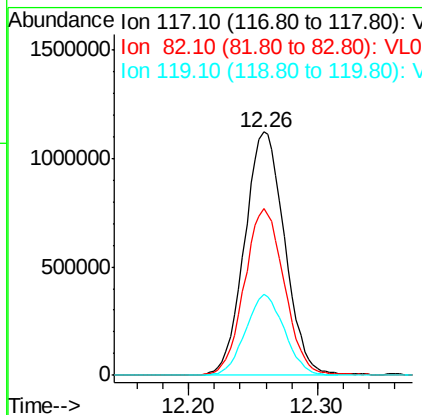
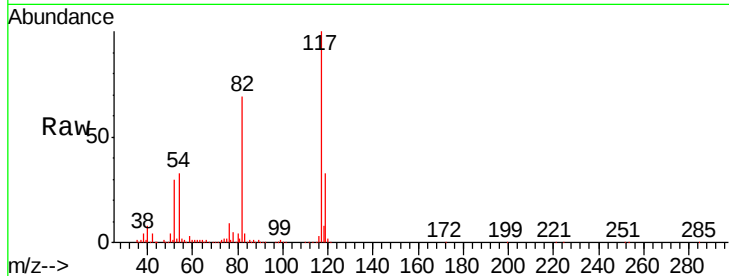
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.26 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL032648.D
Acq: 17 Oct 2018 19:32

Instrument :
MSVOA_L
ClientSampleId :
SS04-MIVIDL2

Tgt Ion: 117 Resp: 2426287
Ion Ratio Lower Upper
117 100
82 68.5 52.7 79.1
119 32.5 26.7 40.1

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.26 ppbv
RT: 14.60 min Scan# 3626
Delta R.T. -0.01 min
Lab File: VL032648.D
Acq: 17 Oct 2018 19:32

Tgt Ion: 95 Resp: 1875137
Ion Ratio Lower Upper
95 100
174 57.0 46.0 69.0
175 4.0 3.4 5.0

