

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121718\
 Data File : VL033021.D
 Acq On : 18 Dec 2018 7:42
 Operator : SY/AP
 Sample : J6444-06DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 YT-CBA-LTM5-03DL

Manual Integrations
 APPROVED

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 12/19/2018 5:38:05 PM

Quant Time: Dec 19 16:14:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1201627	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2841734	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2096910	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1974972	12.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	127.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.06	41	100293m	2.787	ppbv	
13) Ethanol	3.66	45	60369m	4.873	ppbv	
15) Acetone	3.92	43	105670	1.025	ppbv	99
20) Methylene Chloride	4.42	84	98081m	1.946	ppbv	
26) Hexane	5.79	57	58767	0.522	ppbv #	46
53) Toluene	9.95	91	1796408	8.104	ppbv	99

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

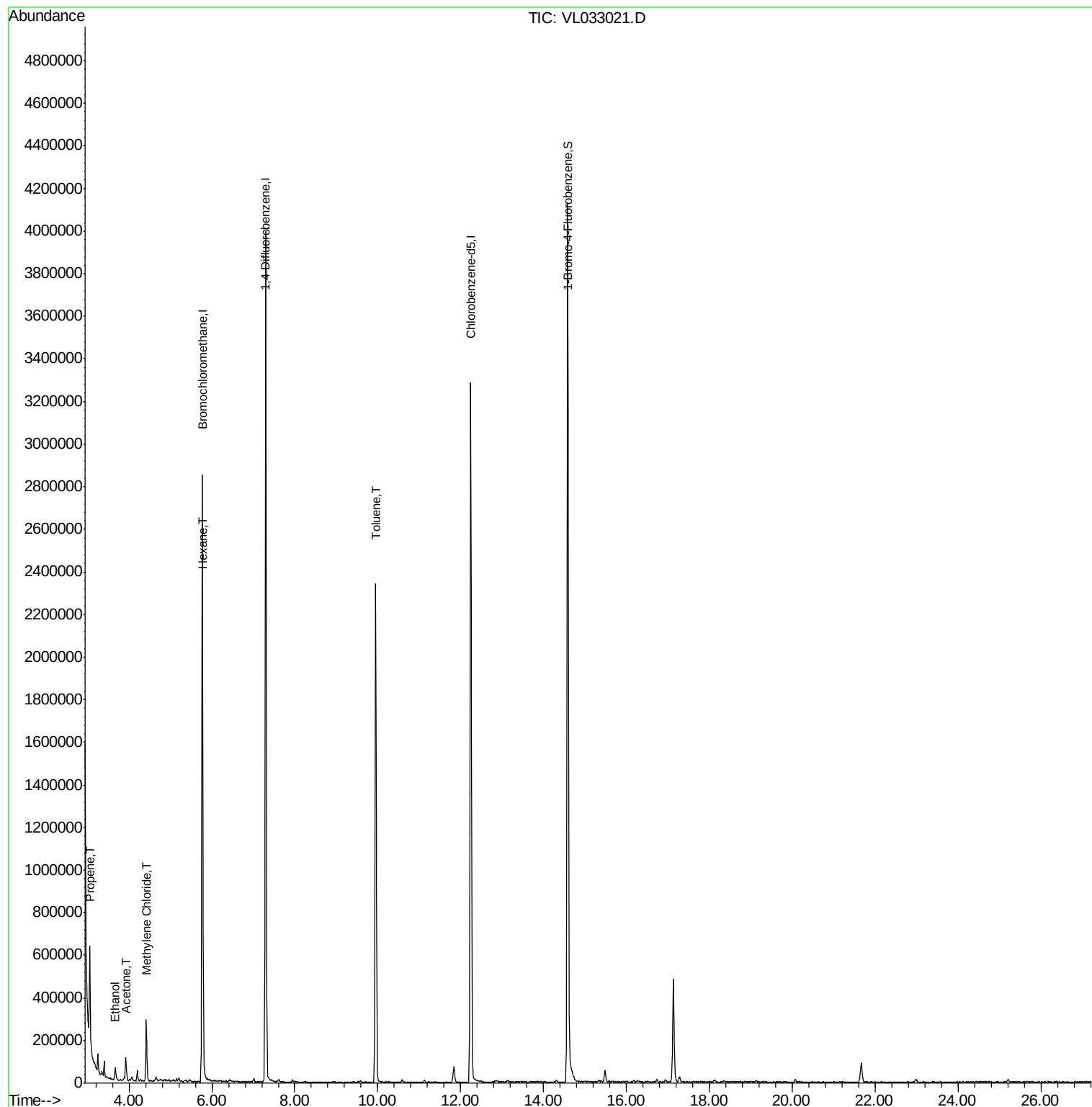
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121718\
Data File : VL033021.D
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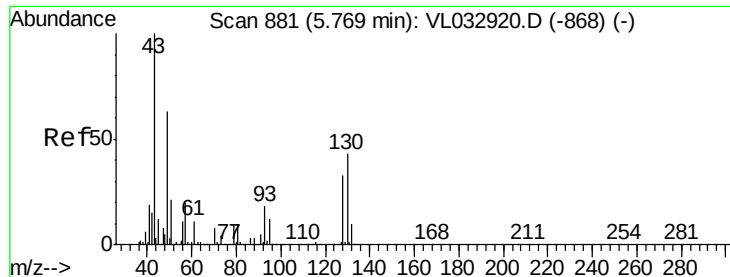
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL033021.D

Acq: 18 Dec 2018 7:42

Instrument :

MSVOA_L

ClientSampleId :

YT-CBA-LTM5-03DL

Tot Ion: 49 Resp: 1201627

Ion Ratio Lower Upper

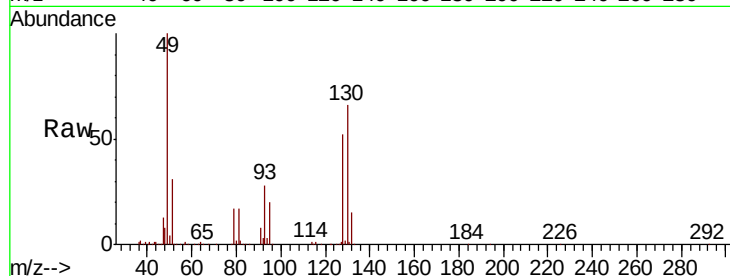
49 100

128 53.2 26.3 78.8

130 67.7 33.9 101.7

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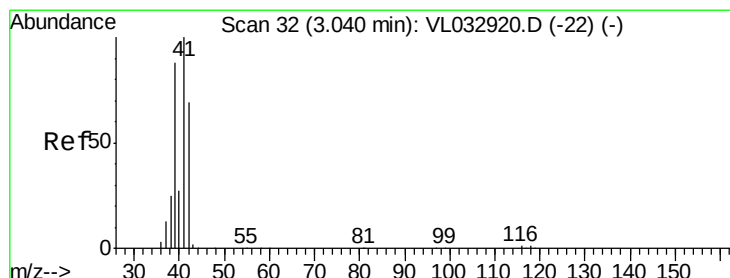
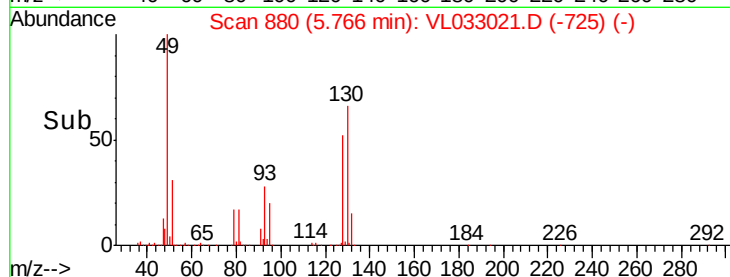
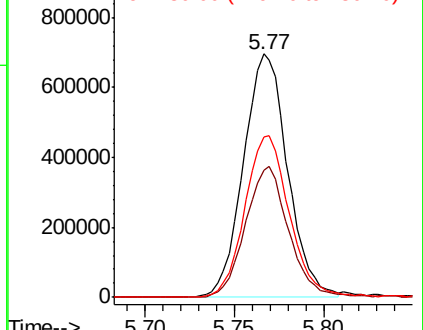
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 2.787 ppbv m

RT: 3.06 min Scan# 37

Delta R.T. 0.02 min

Lab File: VL033021.D

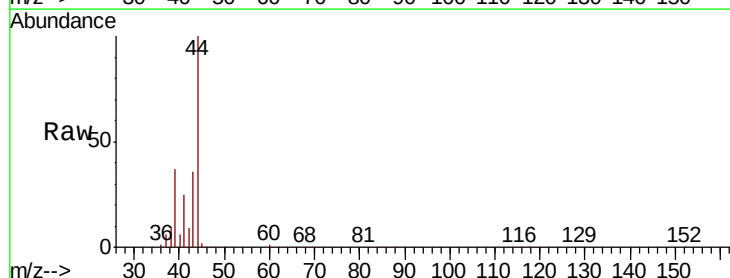
Acq: 18 Dec 2018 7:42

Tgt Ion: 41 Resp: 100293

Ion Ratio Lower Upper

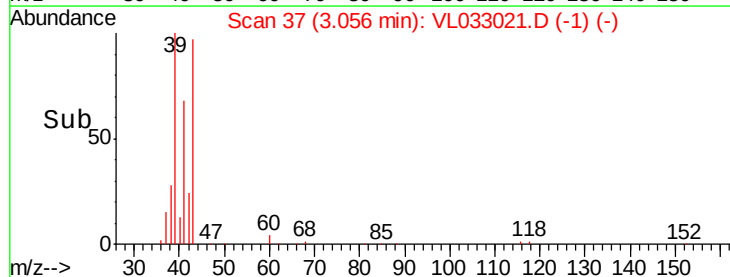
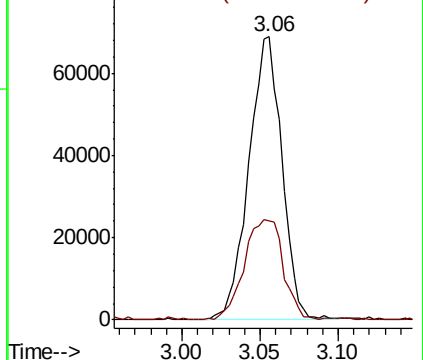
41 100

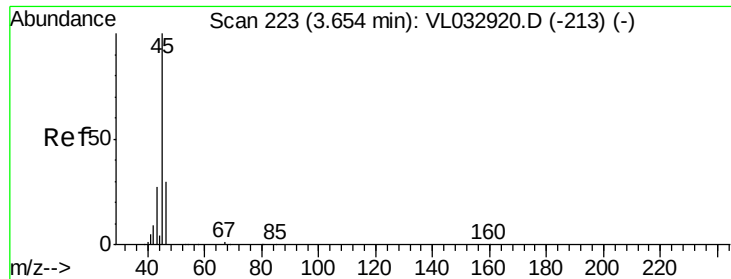
42 13.3 56.2 84.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





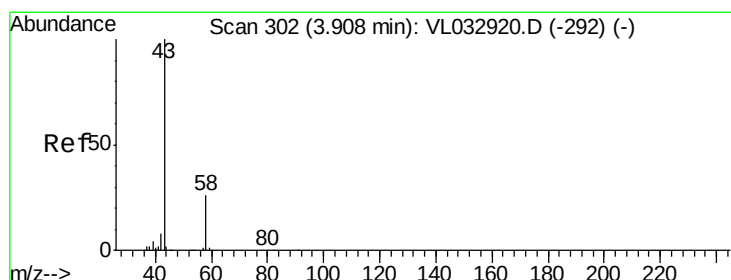
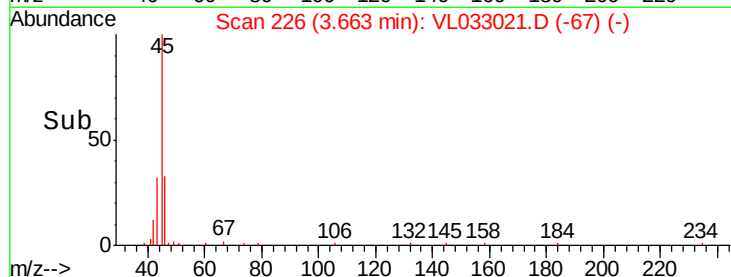
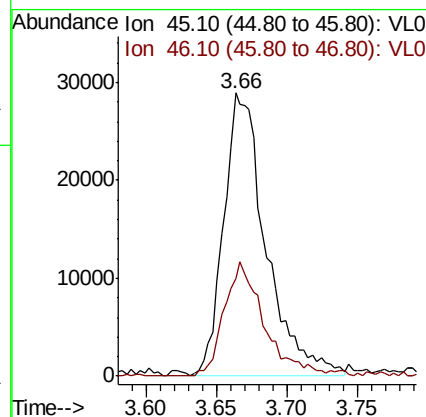
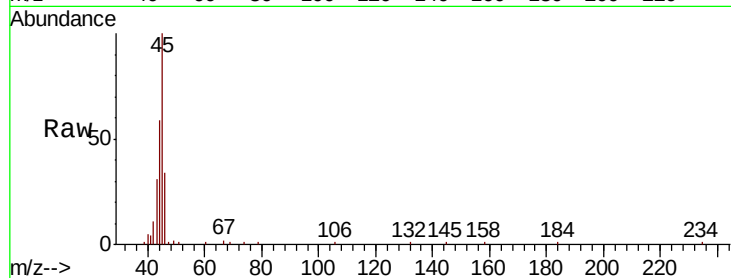
#13
Ethanol
Concen: 4.873 ppbv m
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL033021.D
Acq: 18 Dec 2018 7:42

Instrument :
MSVOA_L
ClientSampleId :
YT-CBA-LTM5-03DL

Tot Ion	Ratio	Lower	Upper
45	100		
46	39.5	13.8	55.4

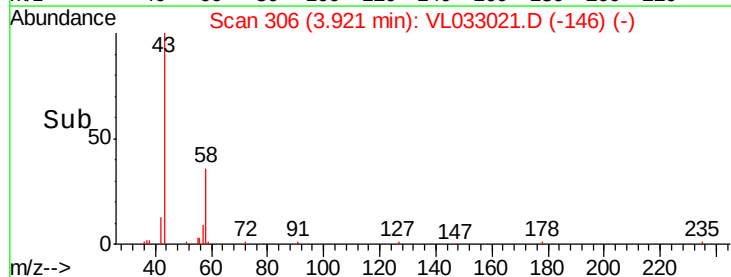
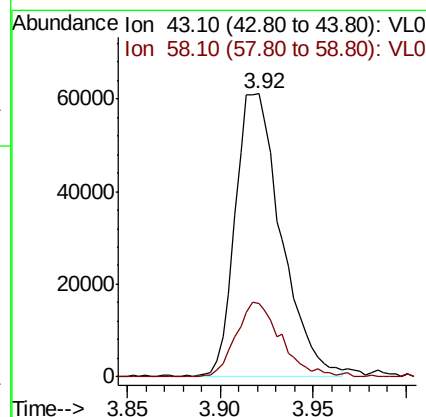
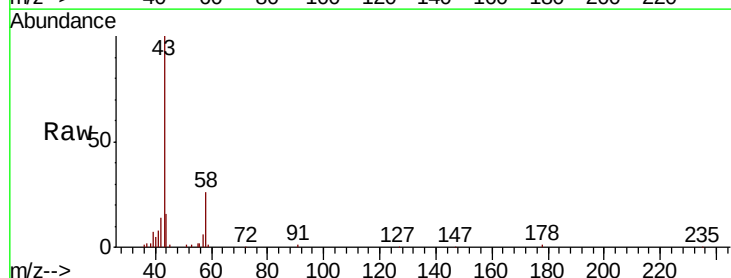
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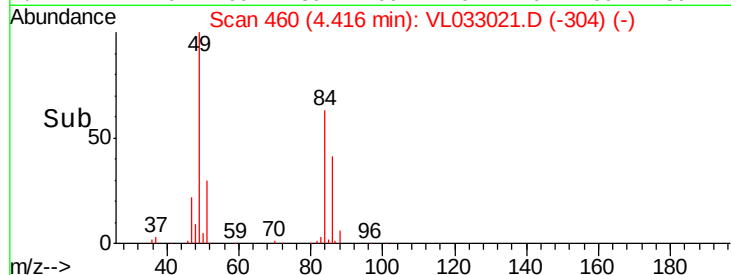
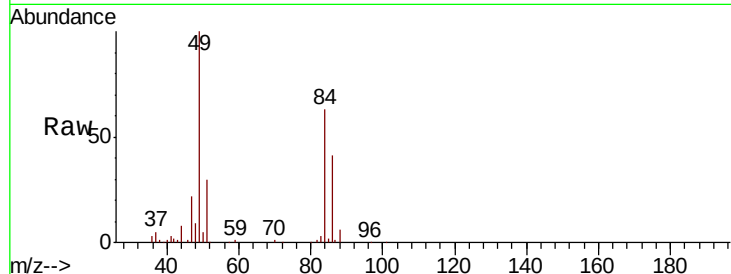
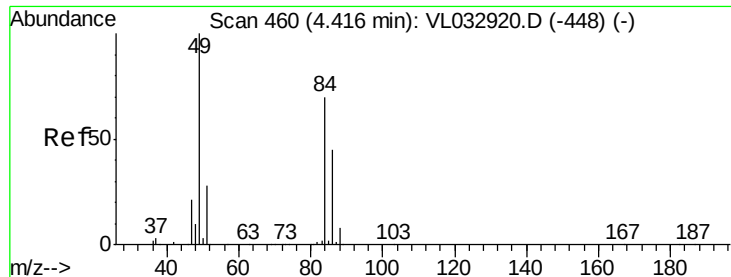
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#15
Acetone
Concen: 1.025 ppbv
RT: 3.92 min Scan# 306
Delta R.T. 0.01 min
Lab File: VL033021.D
Acq: 18 Dec 2018 7:42

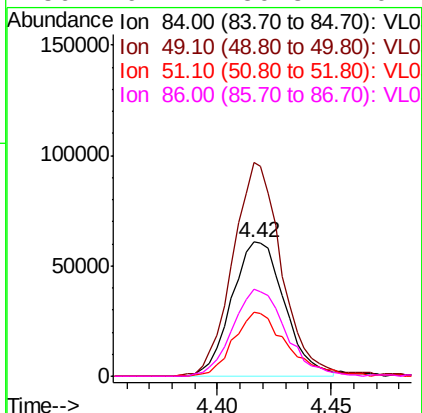
Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.4	20.6	30.8





#20
Methvlene Chloride
Concen: 1.946 ppbv m
RT: 4.42 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL033021.D
Acq: 18 Dec 2018 7:42

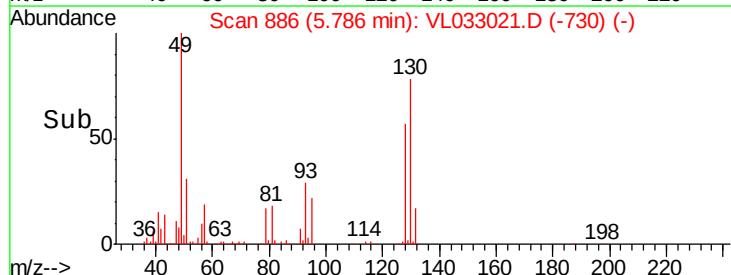
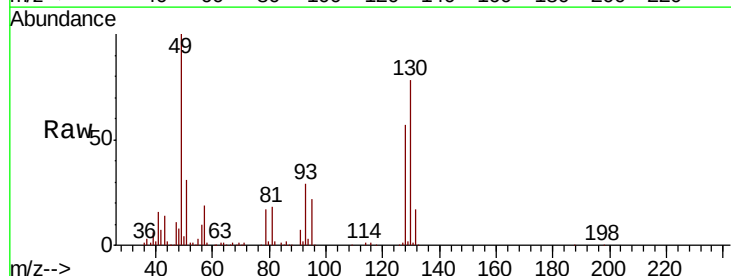
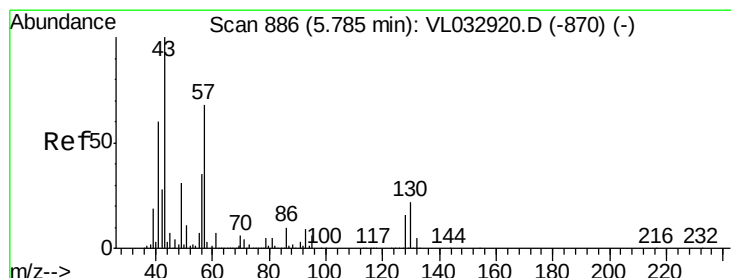
Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	158.9	113.8	170.8	
51	47.5	31.8	47.8	
86	64.7	50.8	76.2	



Instrument :
MSVOA_L
ClientSampleId :
YT-CBA-LTM5-03DL

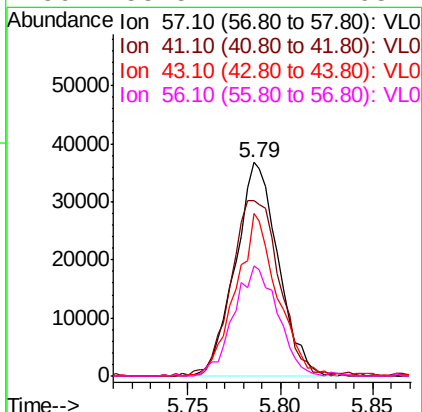
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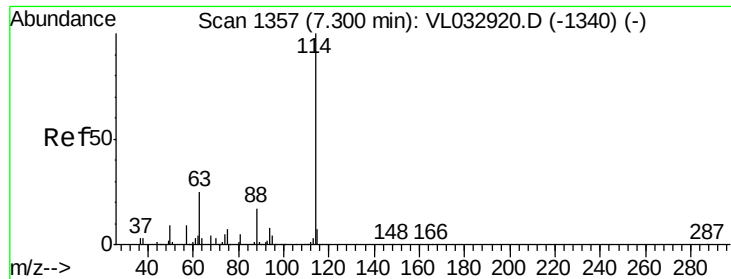
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#26
Hexane
Concen: 0.522 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.00 min
Lab File: VL033021.D
Acq: 18 Dec 2018 7:42

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	93.9	72.2	108.2	
43	74.4	171.9	257.9	
56	53.5	42.2	63.2	





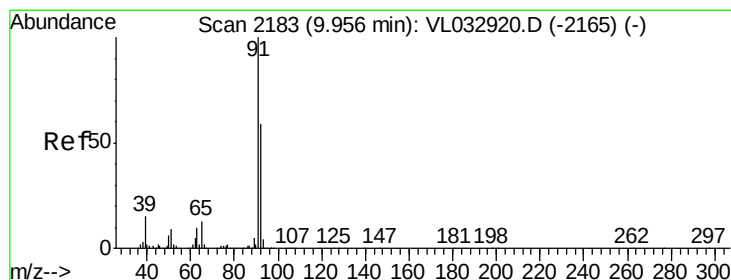
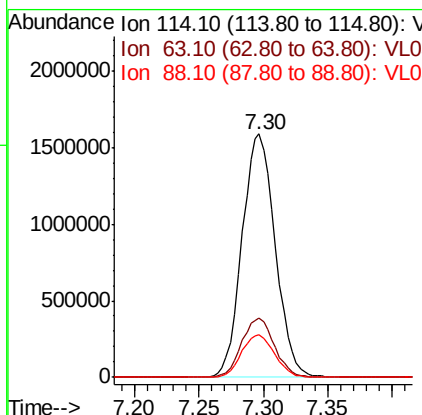
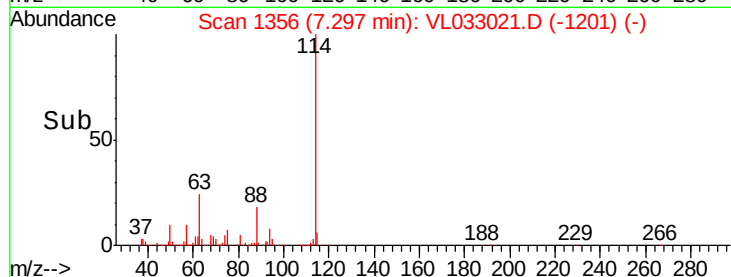
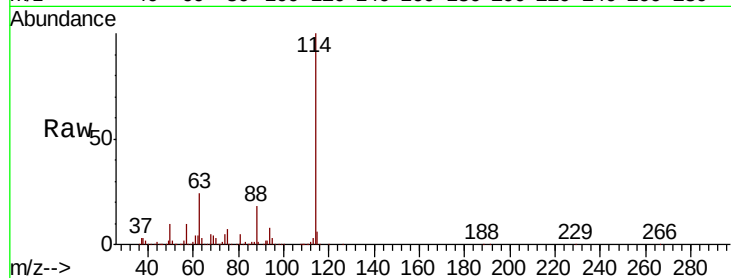
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VL033021.D
 Acq: 18 Dec 2018 7:42

Instrument :
 MSVOA_L
 ClientSampleId :
 YT-CBA-LTM5-03DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	20.1	30.1
88	17.5	14.2	21.4

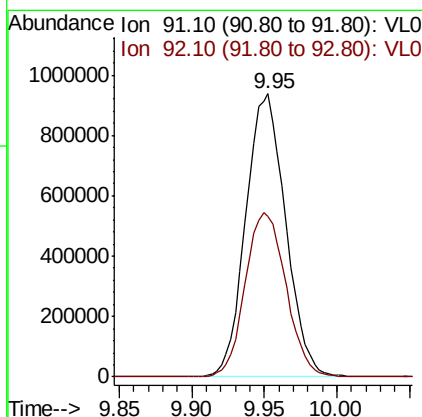
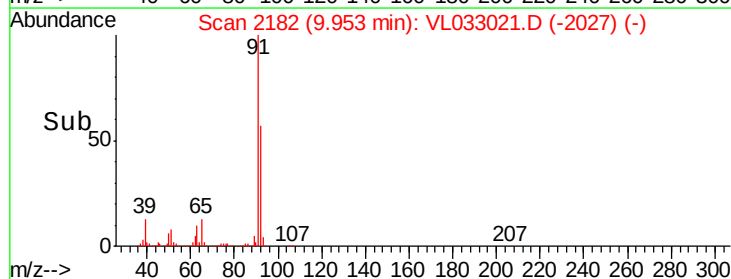
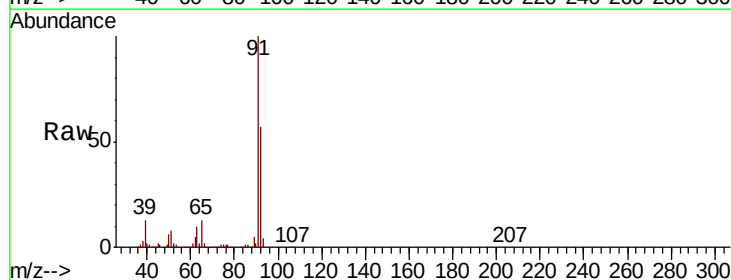
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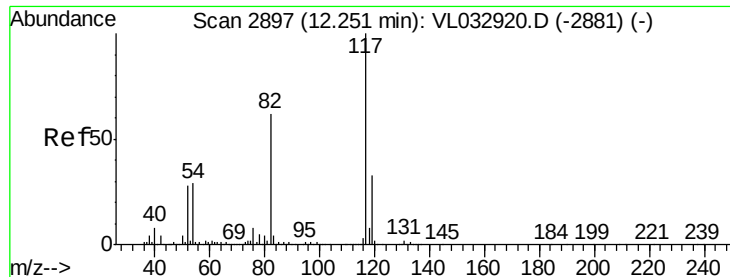
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#53
 Toluene
 Concen: 8.104 ppbv
 RT: 9.95 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: VL033021.D
 Acq: 18 Dec 2018 7:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.6	47.4	71.0





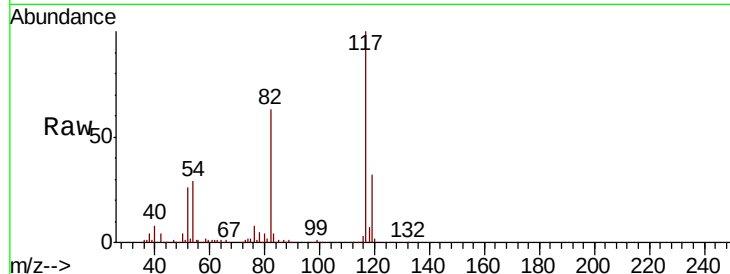
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL033021.D
Acq: 18 Dec 2018 7:42

Instrument :
MSVOA_L
ClientSampleId :
YT-CBA-LTM5-03DL

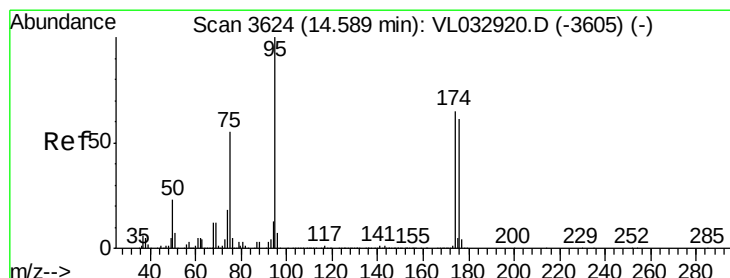
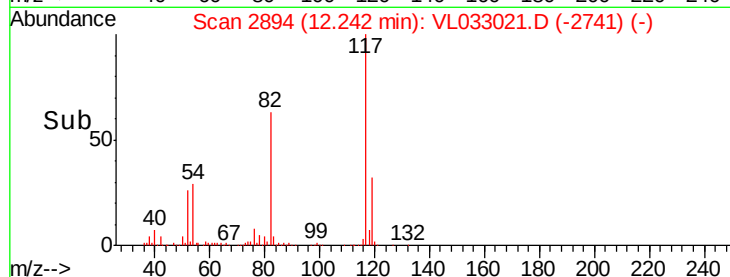
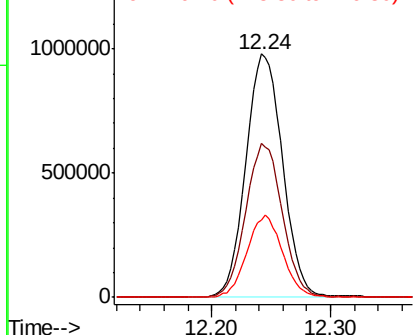
Tot Ion	Ratio	Lower	Upper
117	100		
82	63.4	47.8	71.8
119	32.9	43.1	64.7#

Manual Integrations
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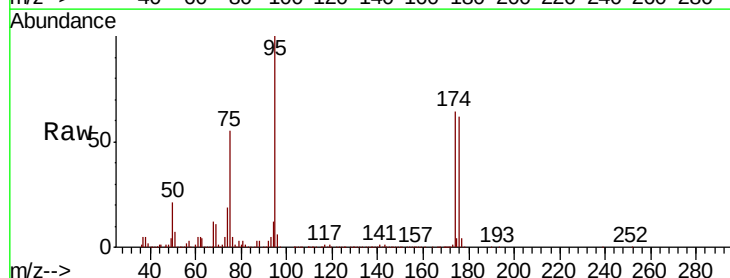


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 12.749 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL033021.D
Acq: 18 Dec 2018 7:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.3	51.4	77.0
175	4.9	3.8	5.6



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

