

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011619\
 Data File : VL033106.D
 Acq On : 17 Jan 2019 00:36
 Operator : SY/AP
 Sample : CAN 10324
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10324

Manual Integrations
 APPROVED

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 1/17/2019 3:16:48 PM

Quant Time: Jan 17 03:54:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 0
 QLast Update : Fri Jan 04 16:09:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	963762	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2267944	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2053576	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.57	95	1559965	9.91	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.16	50	7612m	0.122	ppbv	
15) Acetone	3.91	43	14492m	0.109	ppbv	
20) Methylene Chloride	4.41	84	31711	0.570	ppbv	94
26) Hexane	5.78	57	13836m	0.130	ppbv	

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

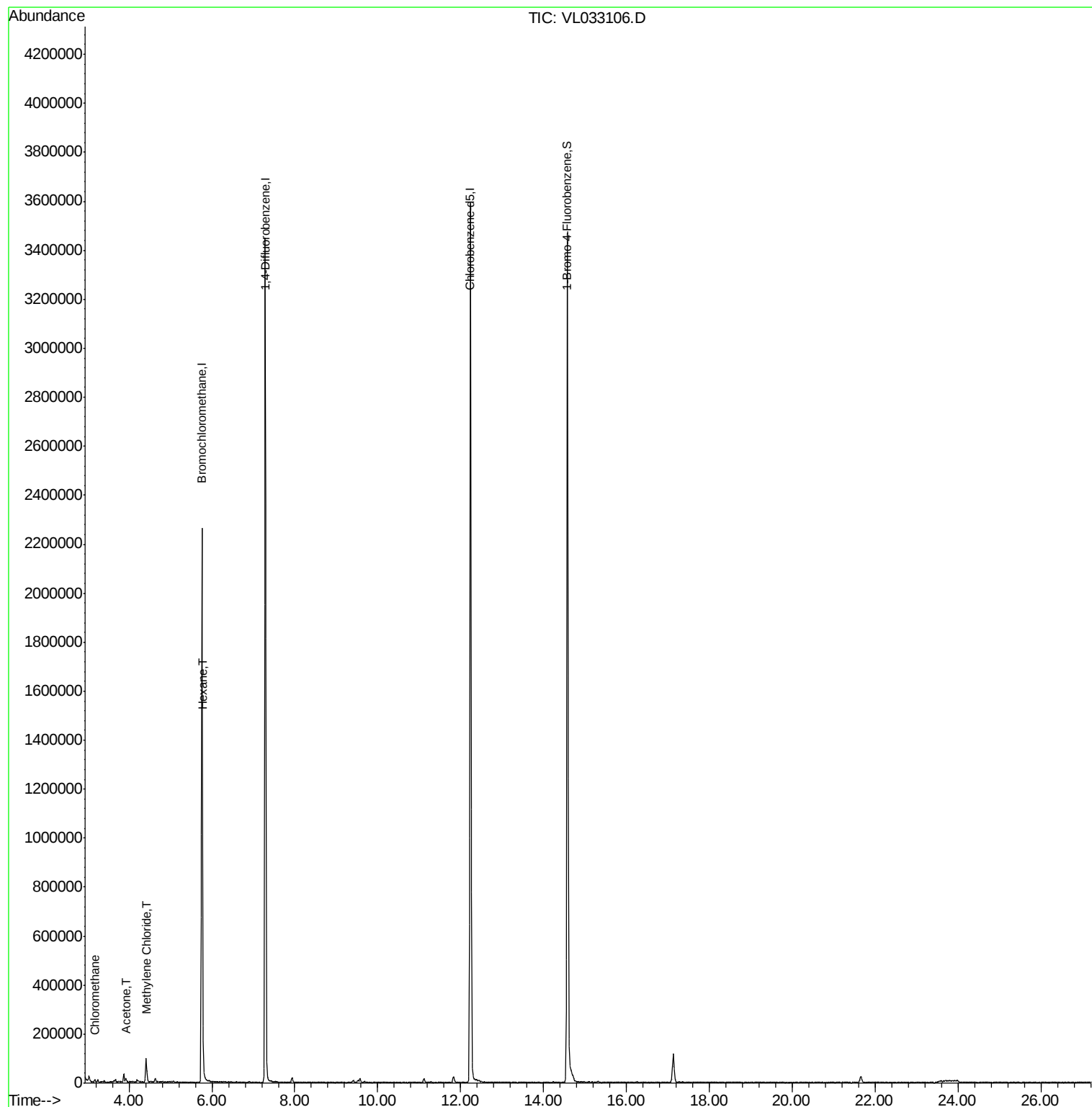
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011619\
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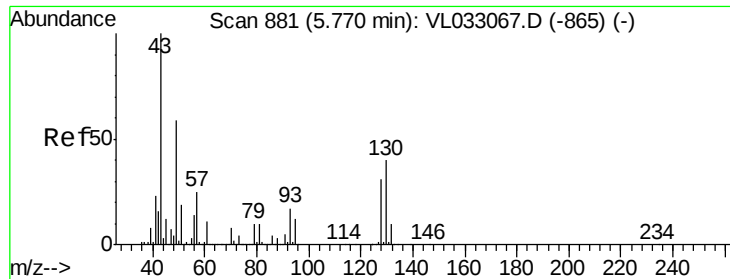
Instrument :
MSVOA_L
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#1

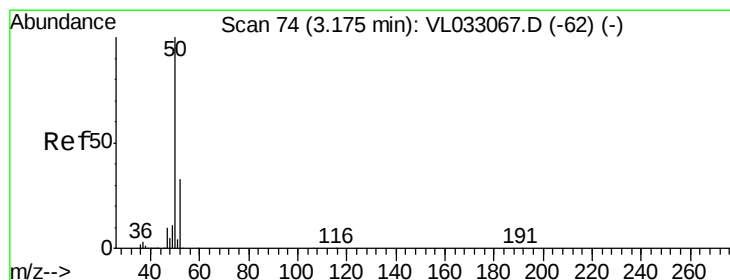
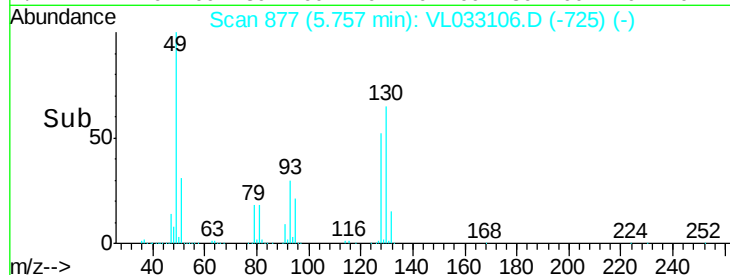
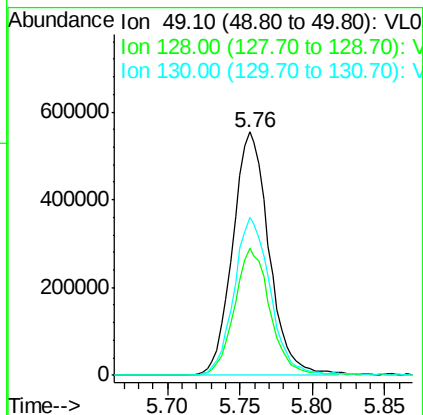
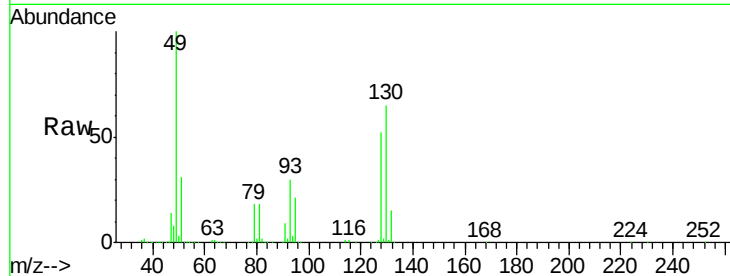
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.76 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: VL033106.D
 Acq: 17 Jan 2019 00:36

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10324

Tot Ion	49	Resp	963762
Ion Ratio	Lower	Upper	
49	100		
128	52.2	26.2	78.5
130	65.0	33.6	100.6

Manual Integrations
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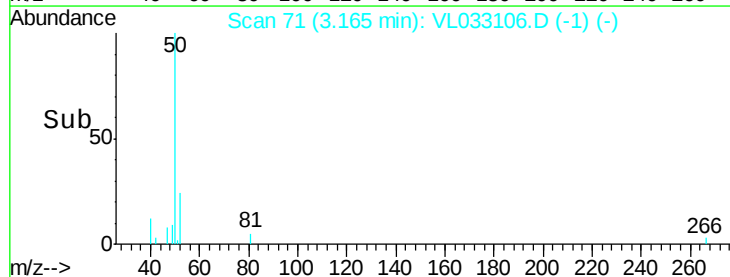
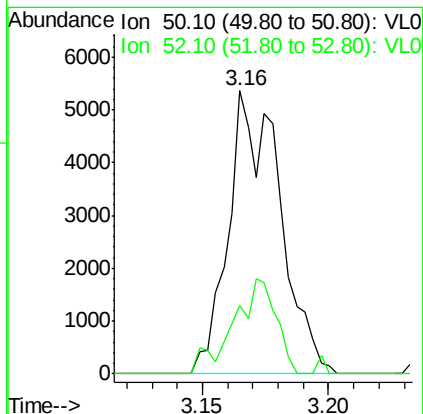
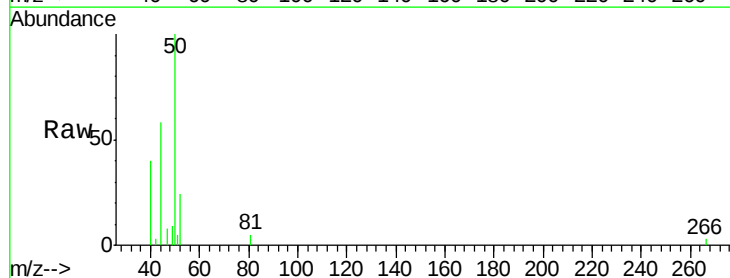
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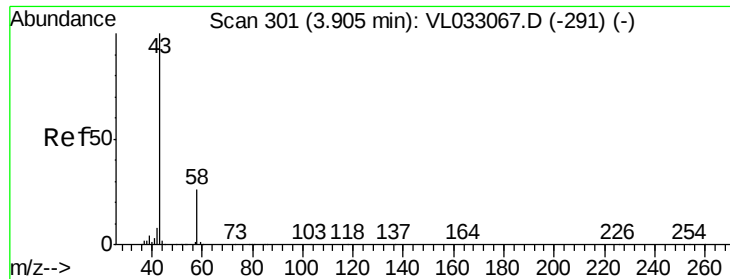


#4

Chloromethane
 Concen: 0.122 ppbv m
 RT: 3.16 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: VL033106.D
 Acq: 17 Jan 2019 00:36

Tgt Ion	50	Resp	7612
Ion Ratio	Lower	Upper	
50	100		
52	24.2	26.9	40.3#





#15

Acetone

Concen: 0.109 ppbv m

RT: 3.91 min Scan# 304

Delta R.T. 0.01 min

Lab File: VL033106.D

Acq: 17 Jan 2019 00:36

Instrument :

MSVOA_L

ClientSampleId :

CAN 10324

Tot Ion: 43 Resp: 14492

Ion Ratio Lower Upper

43 100

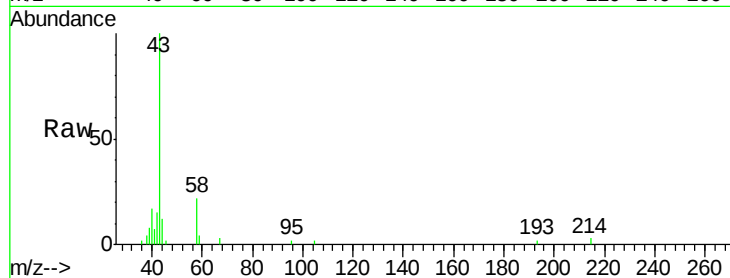
58 0.0 21.1 31.7#

Manual Integrations

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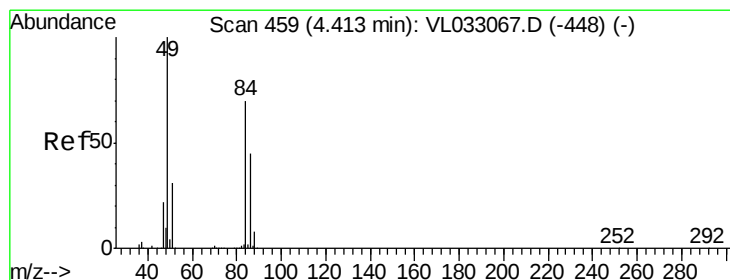
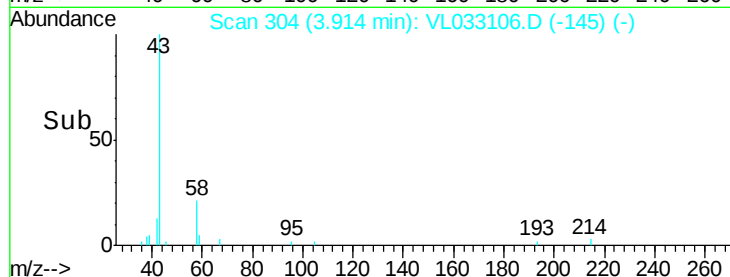
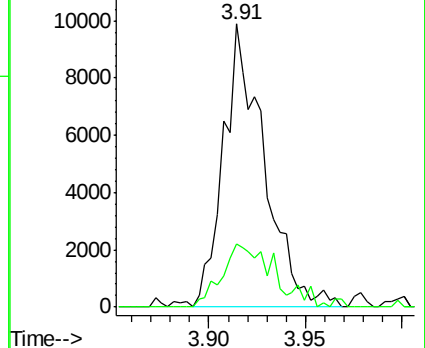
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.570 ppbv

RT: 4.41 min Scan# 457

Delta R.T. -0.00 min

Lab File: VL033106.D

Acq: 17 Jan 2019 00:36

Tgt Ion: 84 Resp: 31711

Ion Ratio Lower Upper

84 100

49 148.4 115.8 173.6

51 45.2 35.7 53.5

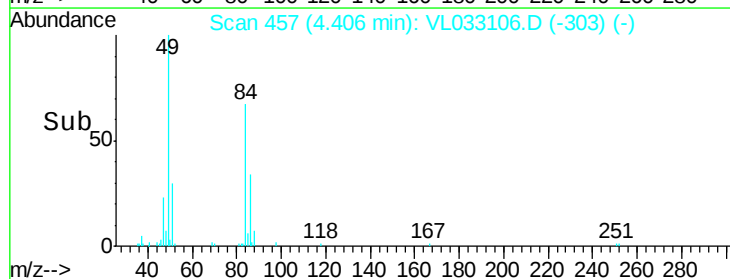
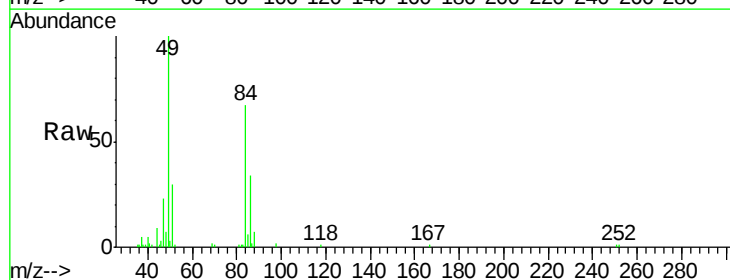
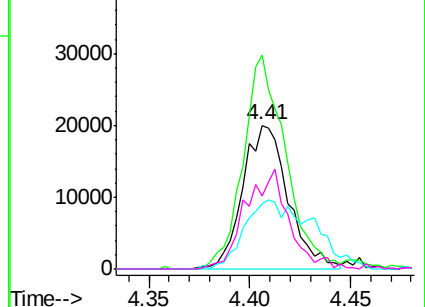
86 50.4 49.7 74.5

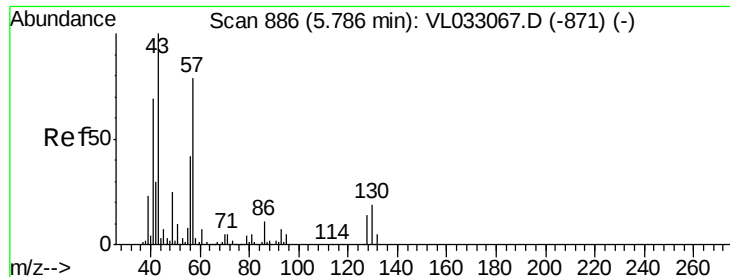
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





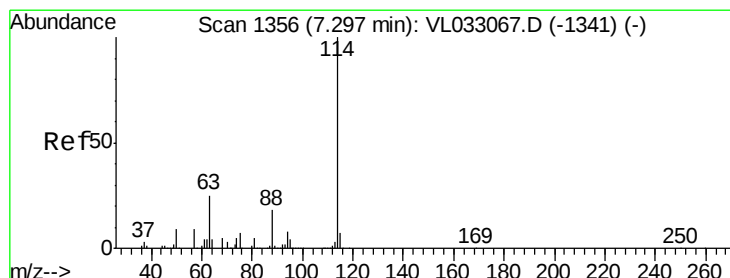
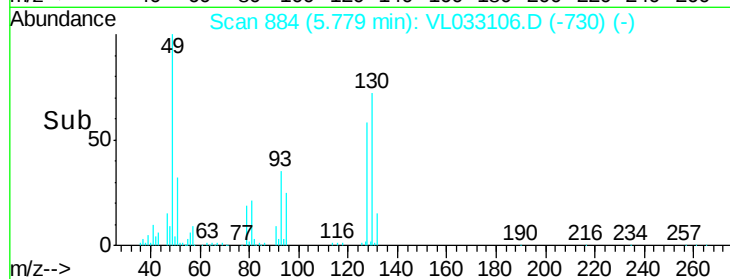
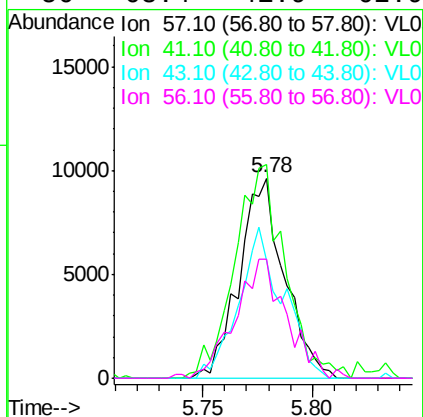
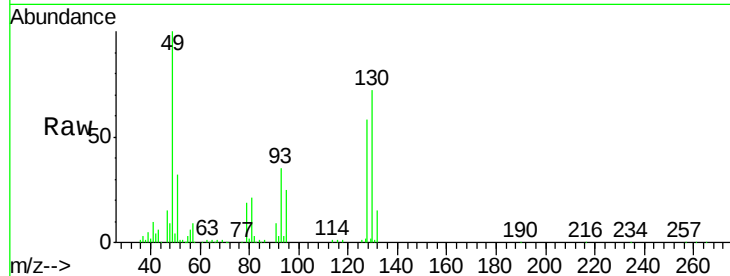
#26
Hexane
Concen: 0.130 ppbv m
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033106.D
Acq: 17 Jan 2019 00:36

Instrument :
MSVOA_L
ClientSampleId :
CAN 10324

Tot Ion	Ion	Ratio	Lower	Upper
57	100			
41	122.9	70.8	106.2#	
43	73.8	171.8	257.6#	
56	68.4	41.9	62.9#	

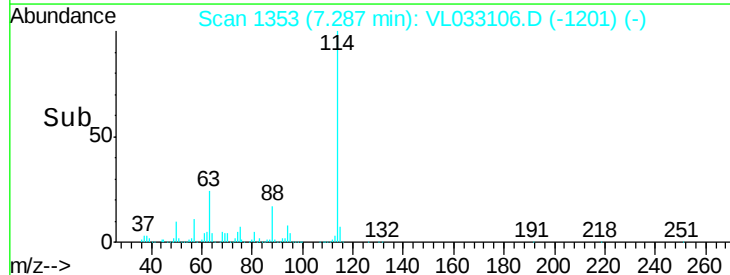
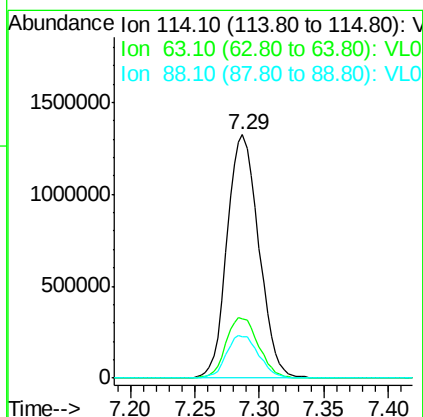
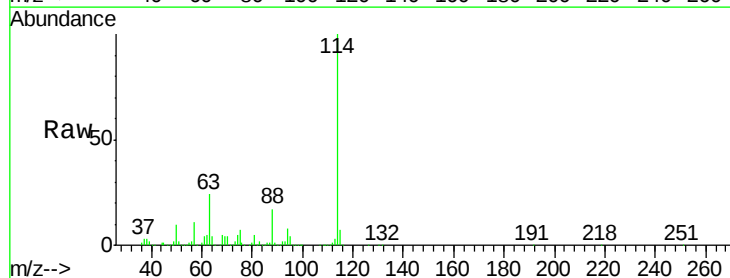
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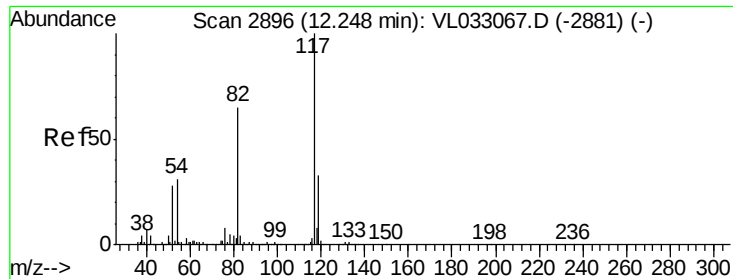
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033106.D
Acq: 17 Jan 2019 00:36

Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	25.6	20.1	30.1	
88	17.8	14.0	21.0	





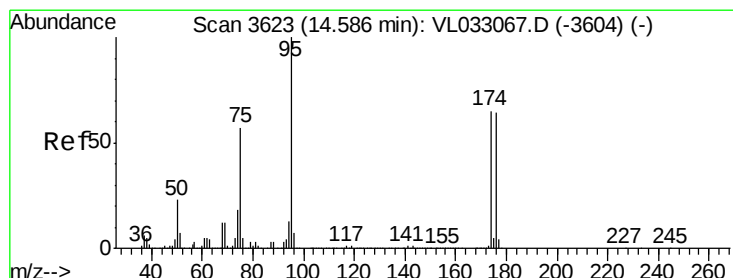
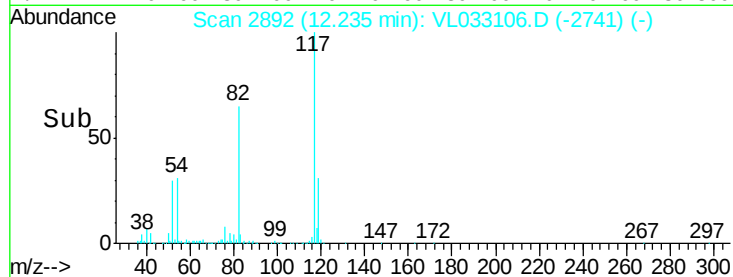
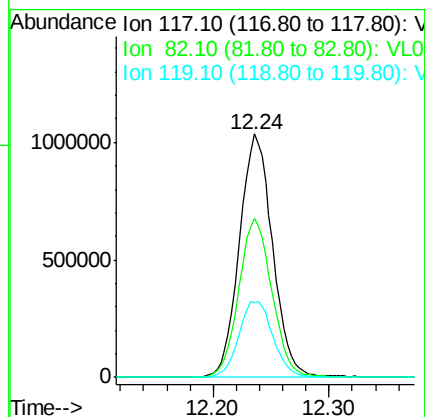
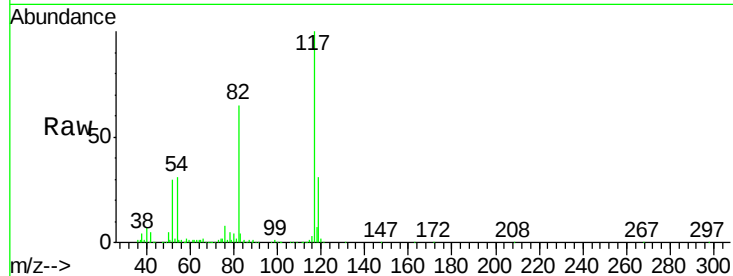
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033106.D
Acq: 17 Jan 2019 00:36

Instrument :
MSVOA_L
ClientSampled :
CAN 10324

Tot Ion:117 Resp: 2053576
Ion Ratio Lower Upper
117 100
82 66.0 48.9 73.3
119 32.5 24.6 37.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.910 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033106.D
Acq: 17 Jan 2019 00:36

Tgt Ion: 95 Resp: 1559965
Ion Ratio Lower Upper
95 100
174 64.4 51.9 77.9
175 4.8 3.9 5.9

