

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL010419\
 Data File : VL033074.D
 Acq On : 4 Jan 2019 19:06
 Operator : SY/AP
 Sample : J6594-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVI-IA1-2018-12-19DL

Manual Integrations
 APPROVED

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 1/8/2019 12:01:22 AM

Quant Time: Jan 05 02:53:50 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	1066182	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2509986	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2389754	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1817047	9.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	6713m	0.149	ppbv	
13) Ethanol	3.67	45	15234m	0.847	ppbv	
15) Acetone	3.92	43	39942	0.271	ppbv	99
20) Methylene Chloride	4.41	84	19923	0.324	ppbv #	85

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

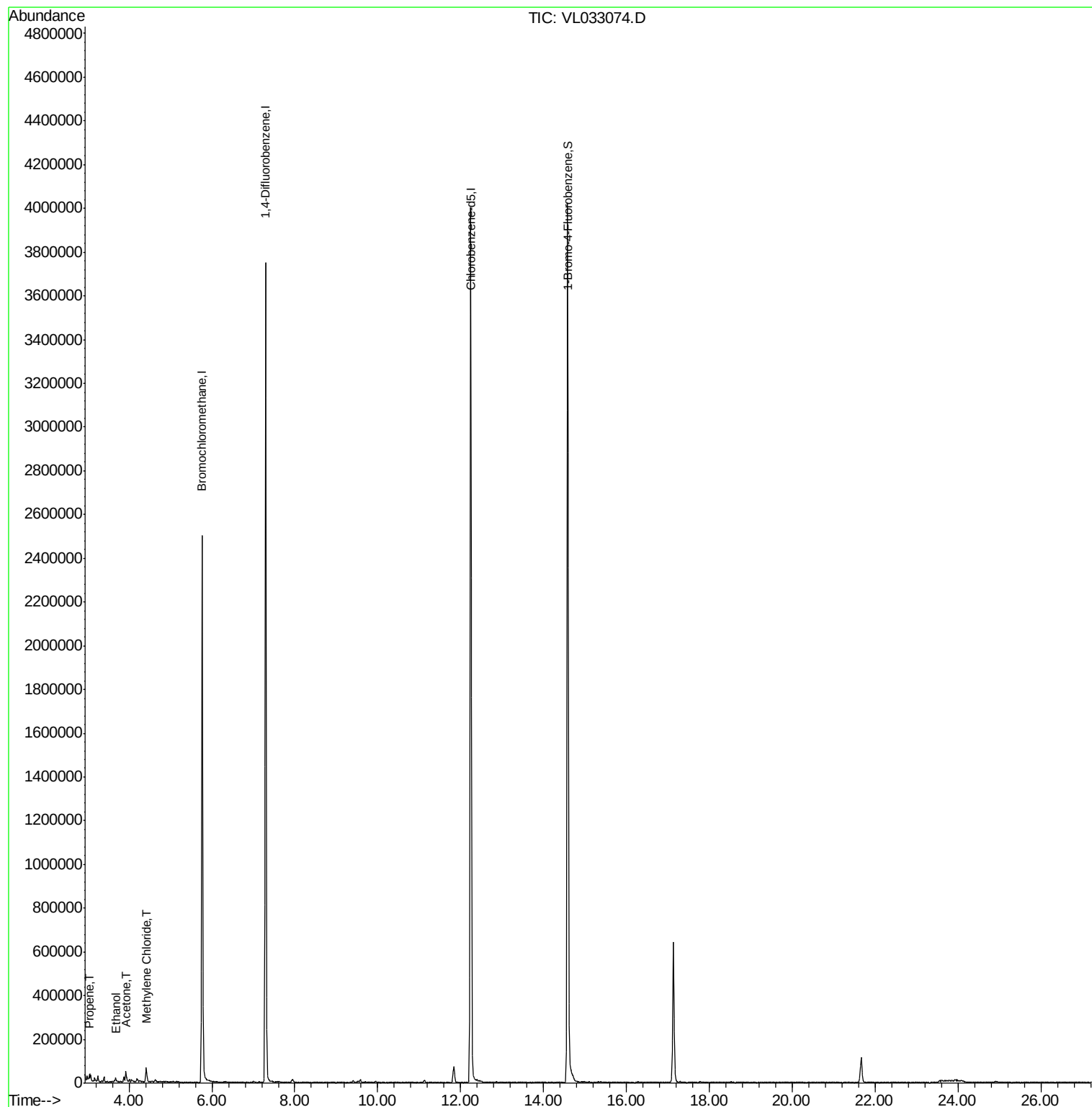
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Data File : VL033074.D
Acq On : 4 Jan 2019 19:06
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

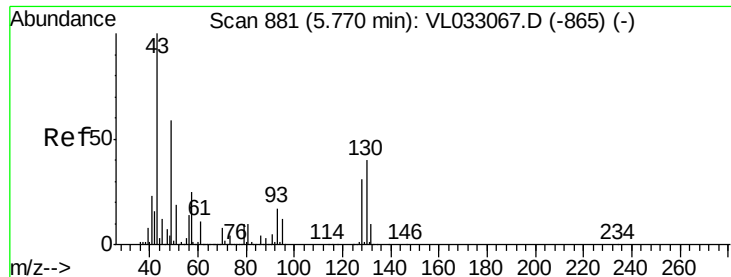
Instrument :
MSVOA_L
ClientSampleId :
SVI-IA1-2018-12-19DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan
QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.00 min

Lab File: VL033074.D

Acq: 4 Jan 2019 19:06

Instrument :

MSVOA_L

ClientSampleId :

SVI-IA1-2018-12-19DL

Tot Ion: 49 Resp: 1066182

Ion Ratio Lower Upper

49 100

128 51.8 26.2 78.5

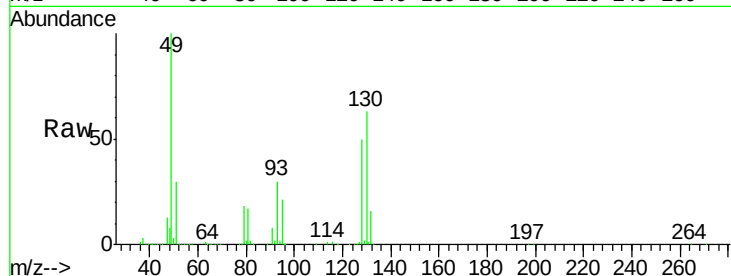
130 66.6 33.6 100.6

Manual Integrations

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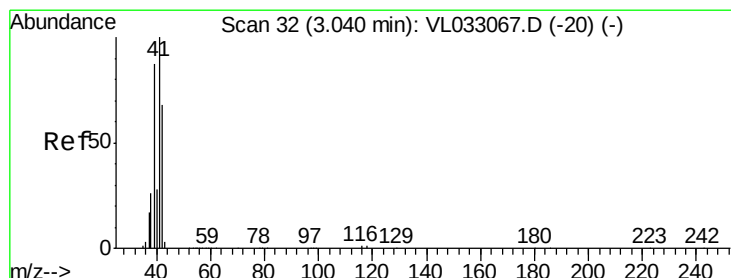
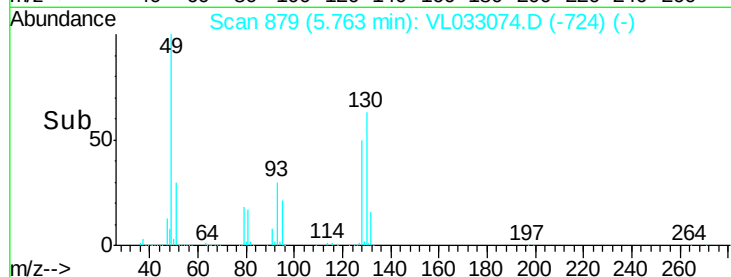
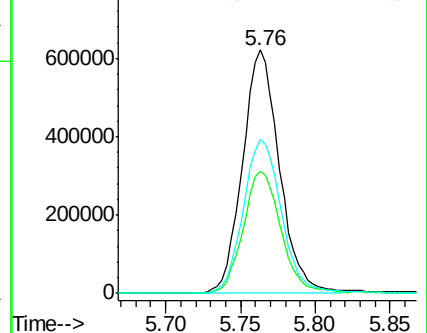
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.149 ppbv m

RT: 3.05 min Scan# 34

Delta R.T. 0.01 min

Lab File: VL033074.D

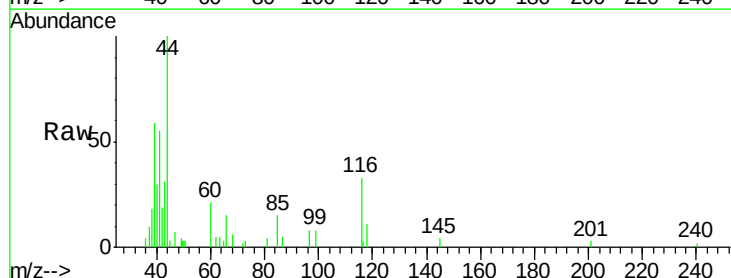
Acq: 4 Jan 2019 19:06

Tgt Ion: 41 Resp: 6713

Ion Ratio Lower Upper

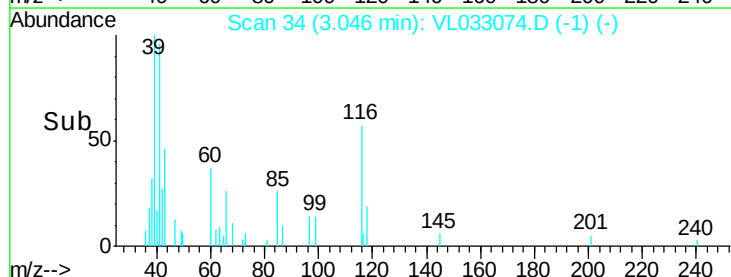
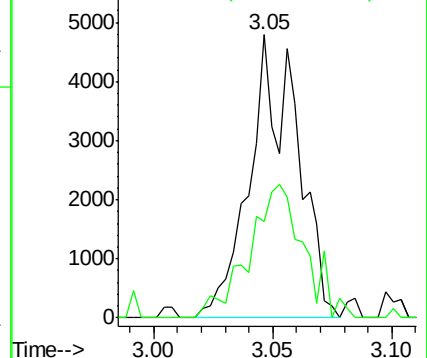
41 100

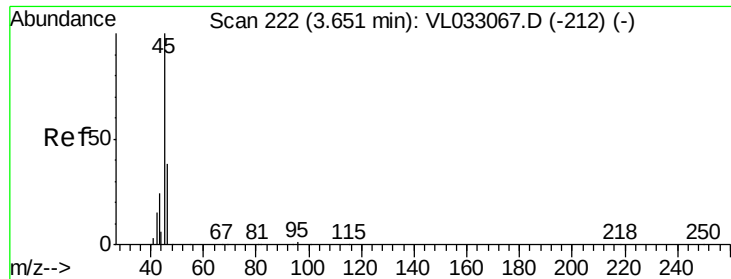
42 0.0 55.3 82.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





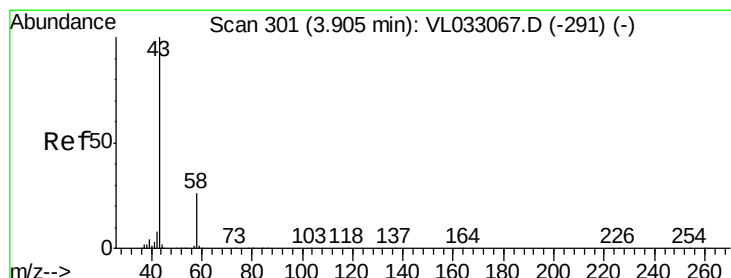
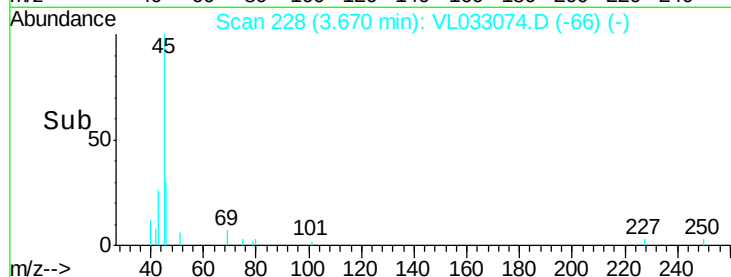
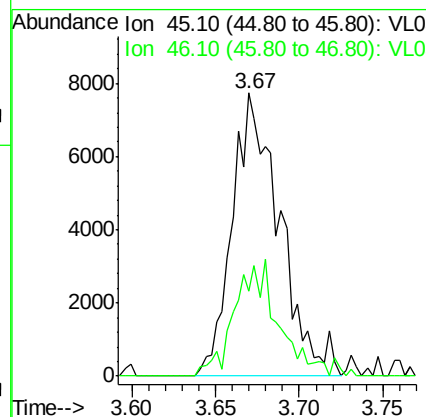
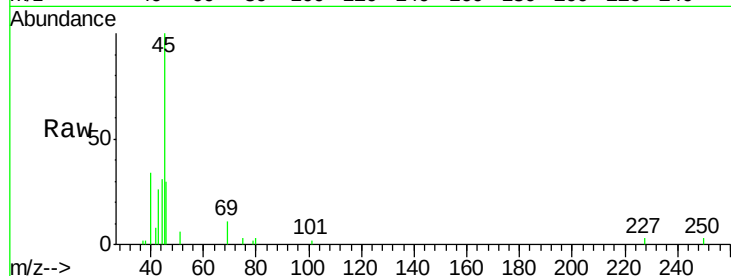
#13
Ethanol
Concen: 0.847 ppbv m
RT: 3.67 min Scan# 228
Delta R.T. 0.02 min
Lab File: VL033074.D
Acq: 4 Jan 2019 19:06

Instrument :
MSVOA_L
ClientSampleId :
SVI-IA1-2018-12-19DL

Tot Ion: 45 Resp: 15234
Ion Ratio Lower Upper
45 100
46 0.0 13.8 55.2#

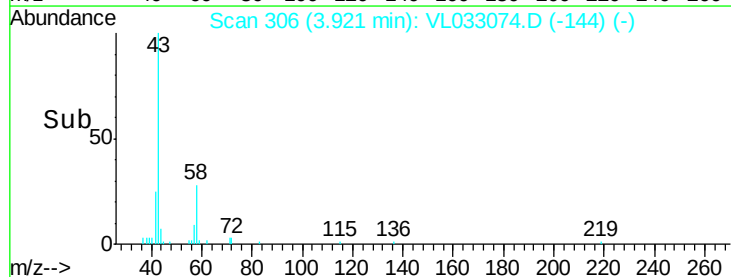
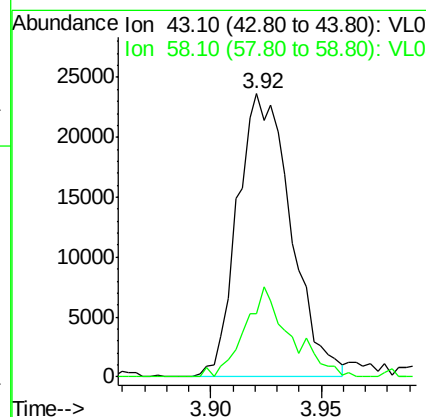
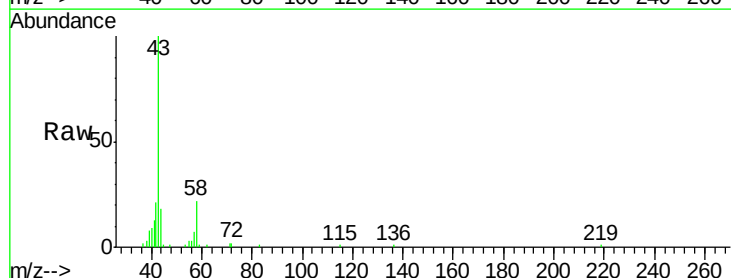
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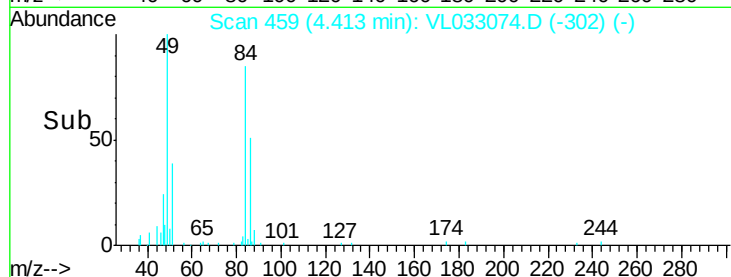
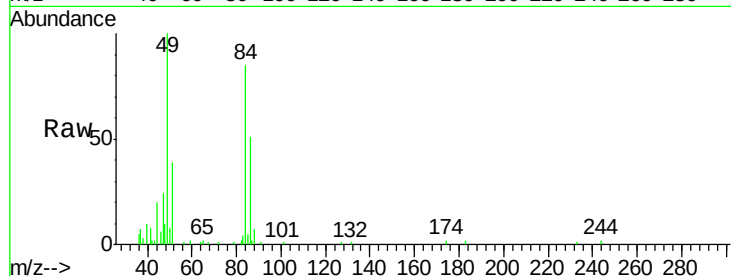
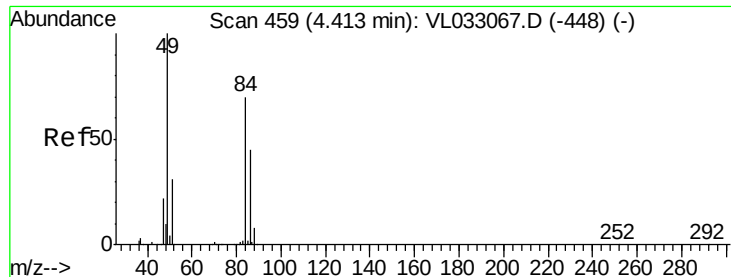
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#15
Acetone
Concen: 0.271 ppbv
RT: 3.92 min Scan# 306
Delta R.T. 0.02 min
Lab File: VL033074.D
Acq: 4 Jan 2019 19:06

Tgt Ion: 43 Resp: 39942
Ion Ratio Lower Upper
43 100
58 27.1 21.1 31.7





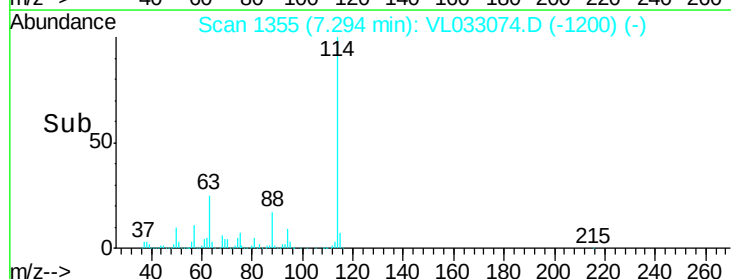
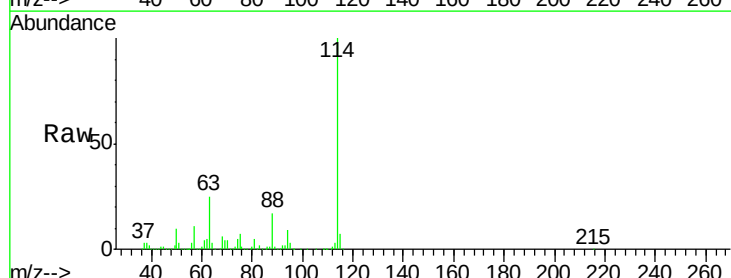
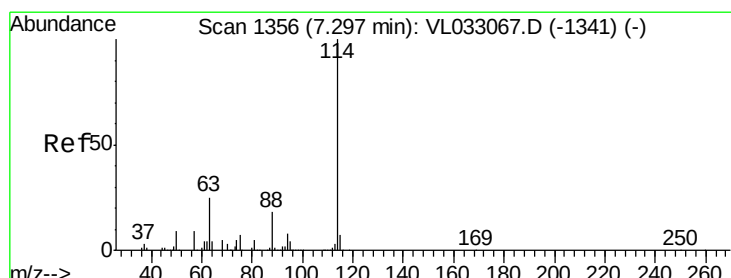
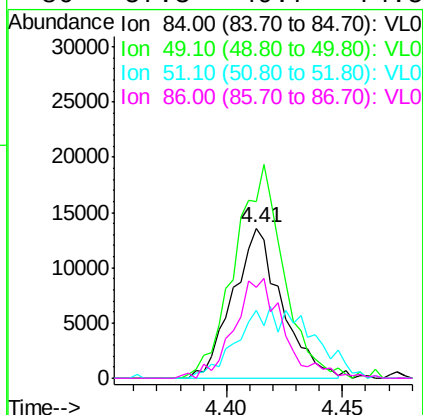
#20
Methvlene Chloride
Concen: 0.324 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.00 min
Lab File: VL033074.D
Acq: 4 Jan 2019 19:06

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	115.1	115.8	173.6#	
51	45.4	35.7	53.5	
86	57.3	49.7	74.5	

Instrument :
MSVOA_L
ClientSampleId :
SVI-IA1-2018-12-19DL

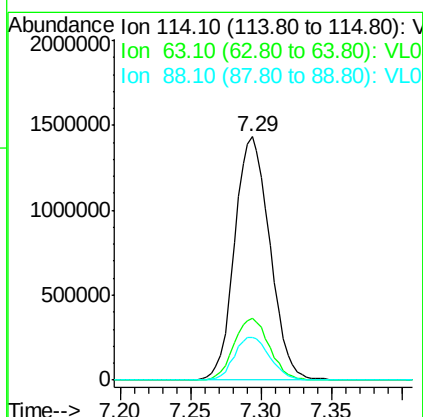
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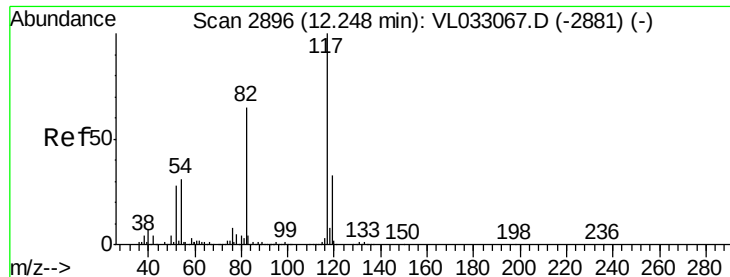
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.00 min
Lab File: VL033074.D
Acq: 4 Jan 2019 19:06

Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	25.7	20.1	30.1	
88	17.9	14.0	21.0	





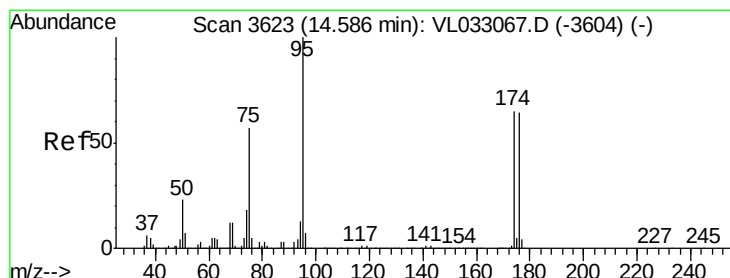
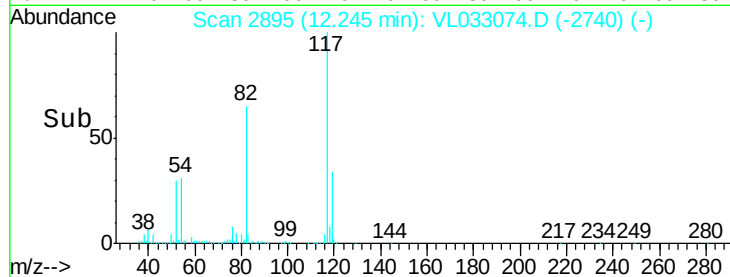
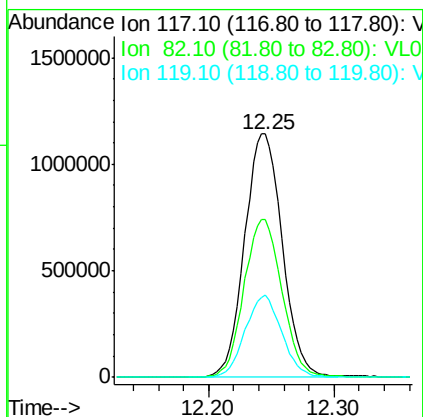
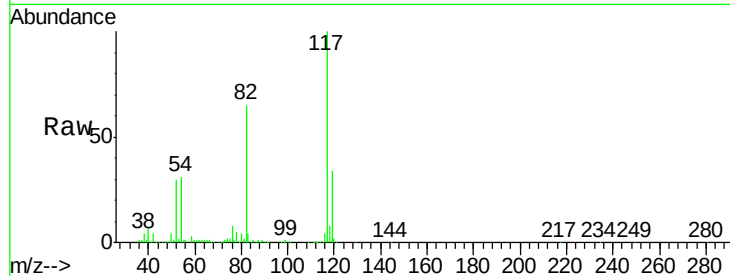
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.00 min
Lab File: VL033074.D
Acq: 4 Jan 2019 19:06

Instrument :
MSVOA_L
ClientSampleId :
SVI-IA1-2018-12-19DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.7	48.9	73.3
119	32.9	24.6	37.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.919 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.00 min
Lab File: VL033074.D
Acq: 4 Jan 2019 19:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.5	51.9	77.9
175	4.6	3.9	5.9

