

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112519\
 Data File : VL034416.D
 Acq On : 25 Nov 2019 21:37
 Operator : SY/AP
 Sample : K5971-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 5DL

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:04:30 AM

Quant Time: Nov 26 04:22:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	864171	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1703146	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1667739	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1429857	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.58	45	208727	15.653	ppbv	98
15) Acetone	3.84	43	114533	0.926	ppbv	98
20) Methylene Chloride	4.34	84	17094m	0.390	ppbv	
26) Hexane	5.69	57	16533	0.174	ppbv #	45

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

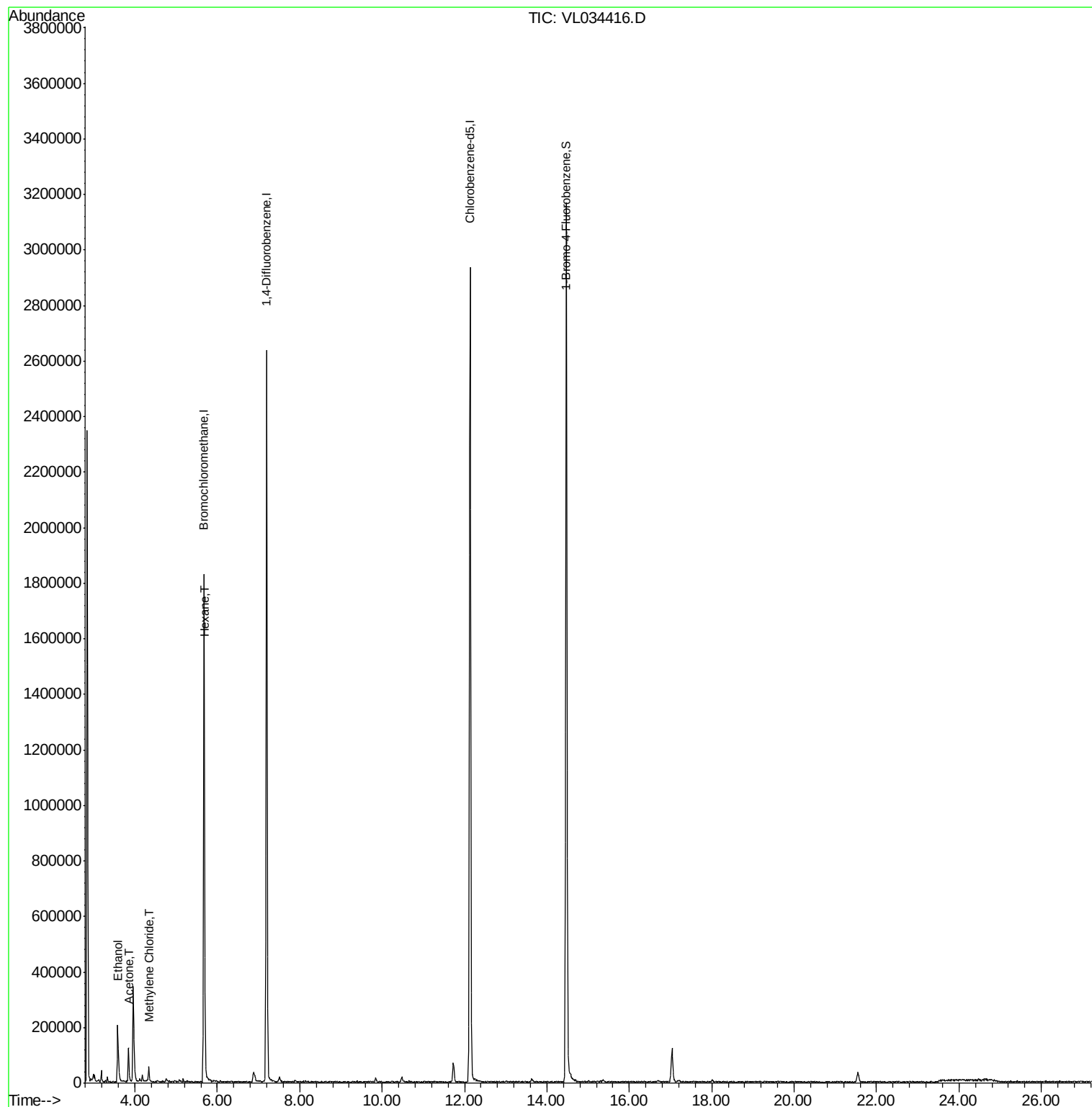
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112519\
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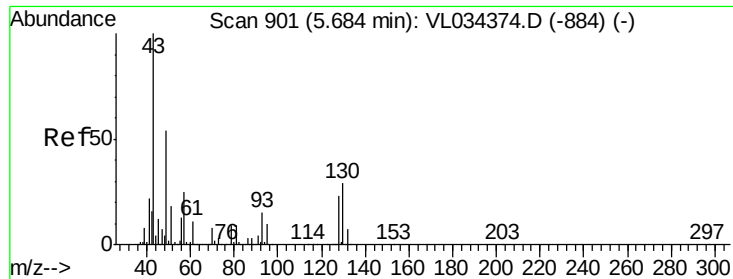
Instrument :
MSVOA_L
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Quant Time: Nov 26 04:22:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.01 min

Lab File: VL034416.D

Acq: 25 Nov 2019 21:37

Instrument :

MSVOA_L

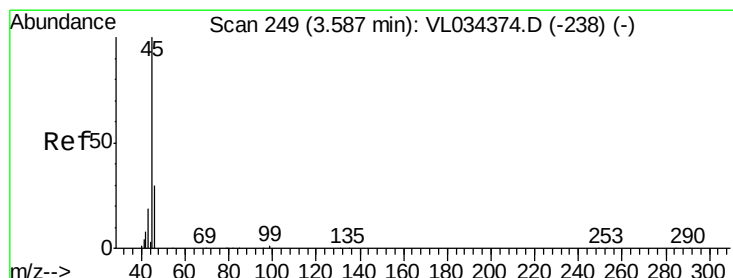
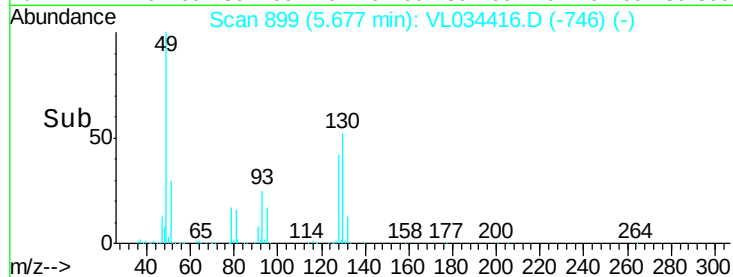
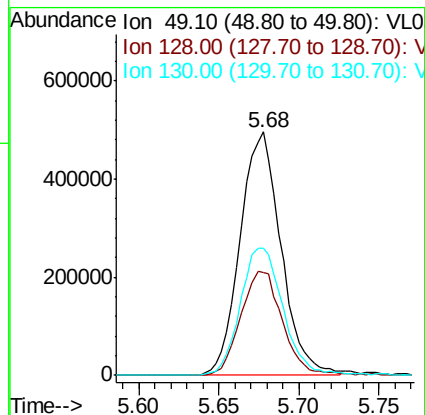
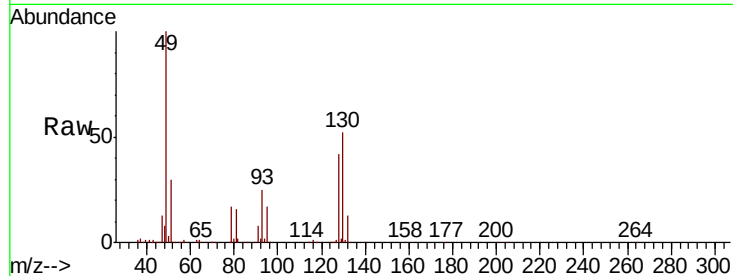
ClientSampled :

5DL

Tot Ion:	49	Resp:	864171
Ion Ratio	Lower	Upper	
49	100		
128	43.9	21.8	65.3
130	55.1	28.0	84.0

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#13

Ethanol

Concen: 15.653 ppbv

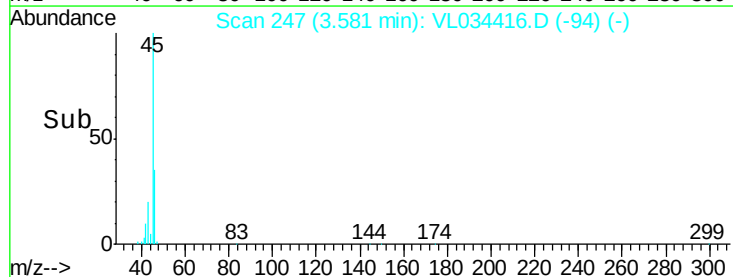
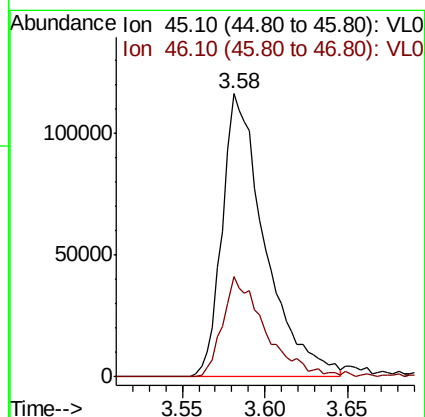
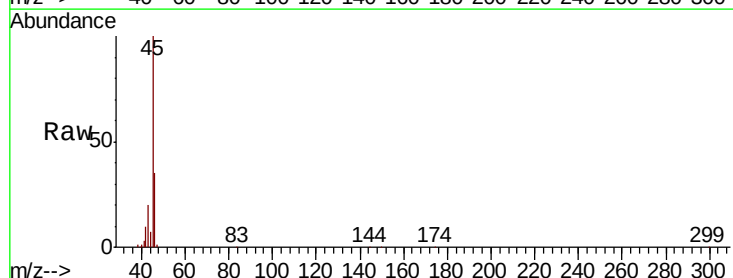
RT: 3.58 min Scan# 247

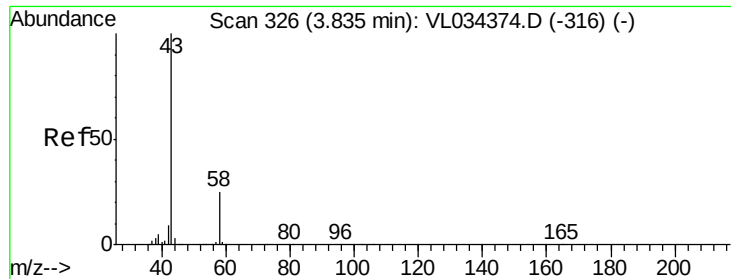
Delta R.T. -0.01 min

Lab File: VL034416.D

Acq: 25 Nov 2019 21:37

Tgt Ion:	45	Resp:	208727
Ion Ratio	Lower	Upper	
45	100		
46	35.5	13.8	55.4





#15

Acetone

Concen: 0.926 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.01 min

Lab File: VL034416.D

Acq: 25 Nov 2019 21:37

Instrument :

MSVOA_L

ClientSampled :

5DL

Tot Ion: 43 Resp: 114533

Ion Ratio Lower Upper

43 100

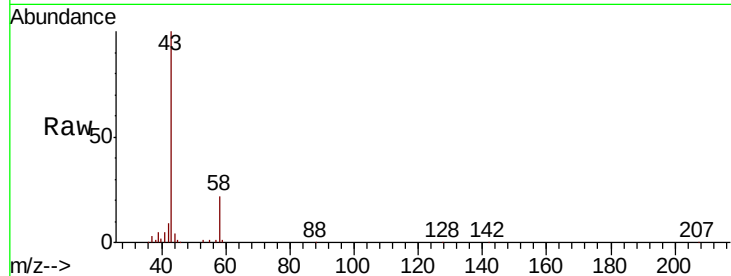
58 26.3 20.2 30.4

Manual Integrations

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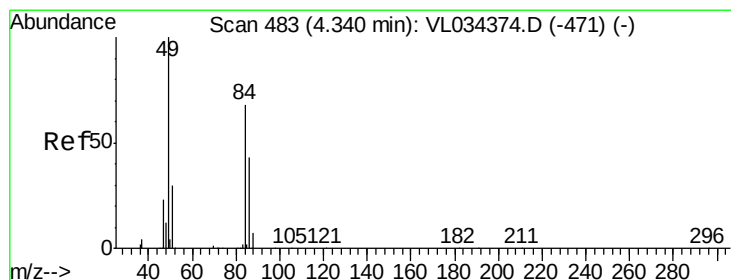
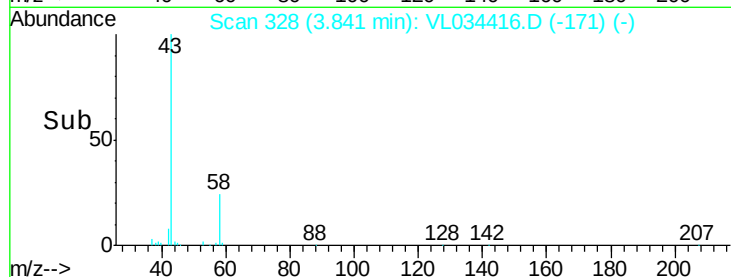
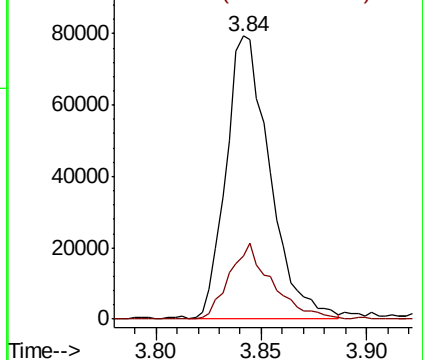
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.390 ppbv m

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL034416.D

Acq: 25 Nov 2019 21:37

Tgt Ion: 84 Resp: 17094

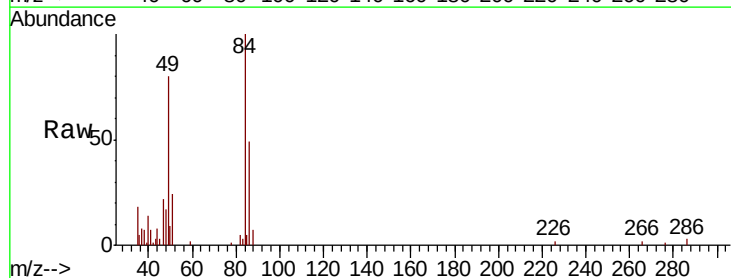
Ion Ratio Lower Upper

84 100

49 80.5 116.8 175.2#

51 24.3 35.6 53.4#

86 48.9 50.7 76.1#

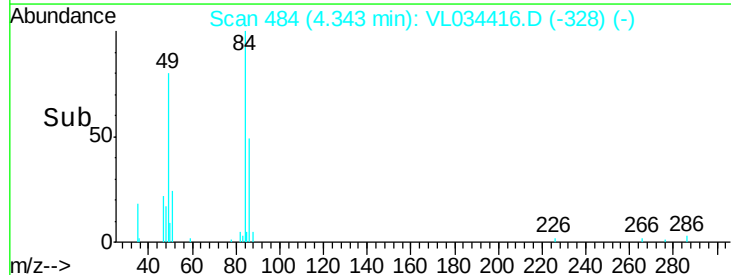
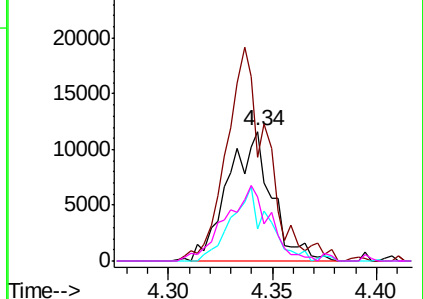


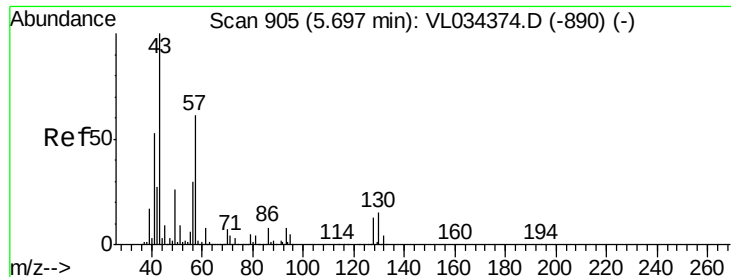
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





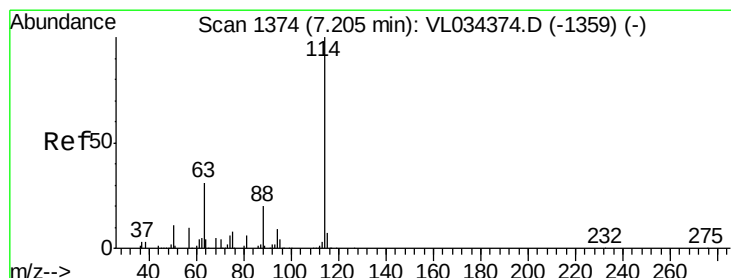
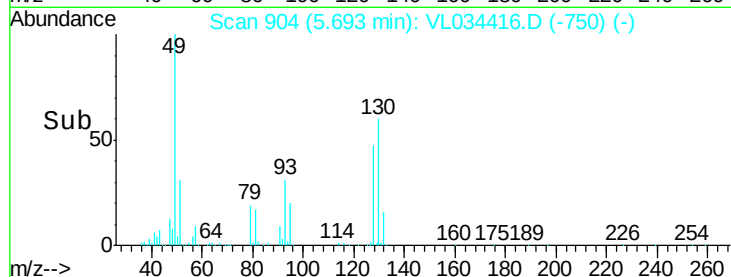
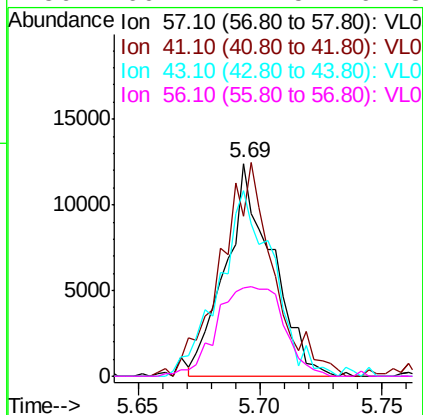
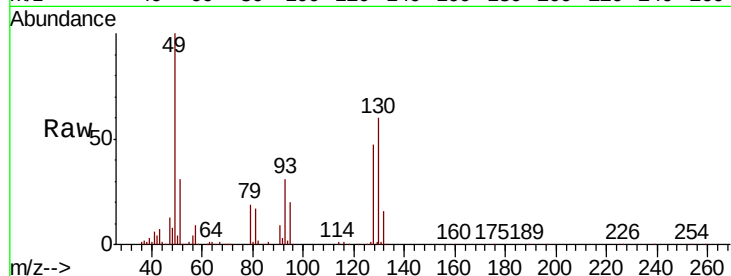
#26
Hexane
Concen: 0.174 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL034416.D
Acq: 25 Nov 2019 21:37

Instrument :
MSVOA_L
ClientSampled :
5DL

Tot Ion	57	Resp	16533
Ion Ratio	Lower	Upper	
57	100		
41	113.2	75.0	112.4#
43	101.6	186.6	279.8#
56	60.7	41.5	62.3

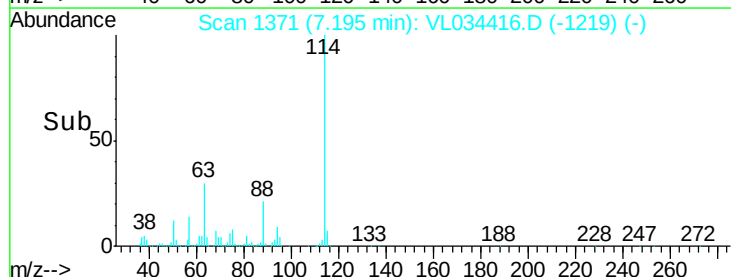
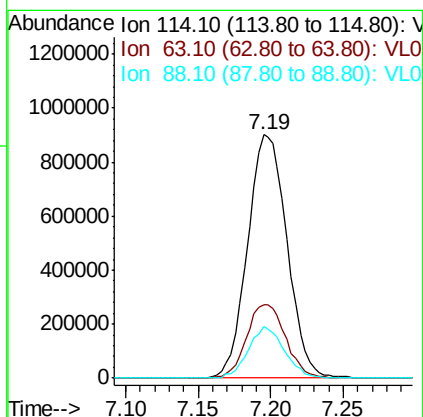
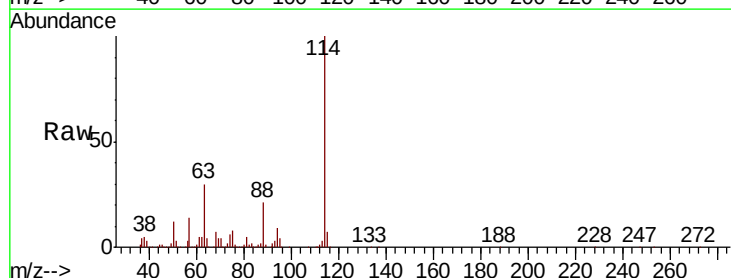
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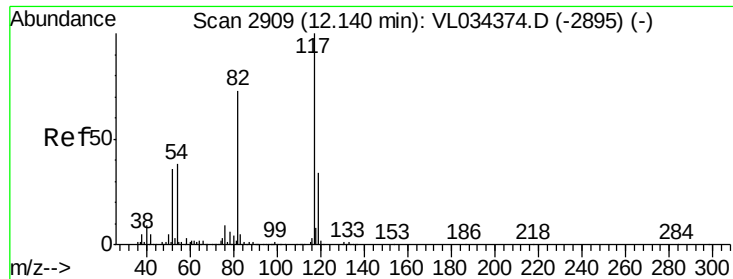
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1371
Delta R.T. -0.01 min
Lab File: VL034416.D
Acq: 25 Nov 2019 21:37

Tgt Ion	114	Resp	1703146
Ion Ratio	Lower	Upper	
114	100		
63	30.0	24.2	36.4
88	19.6	15.9	23.9





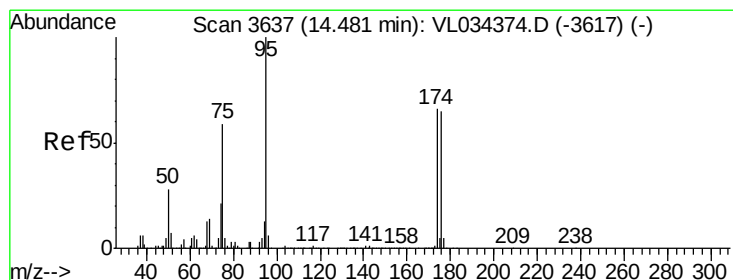
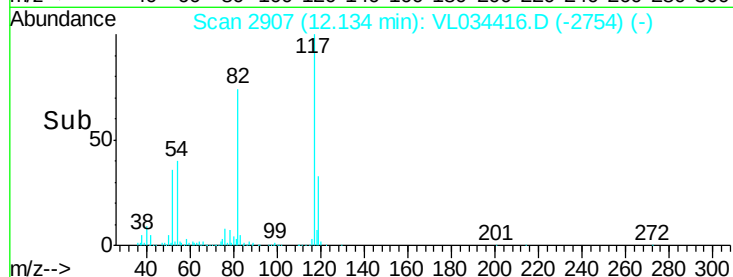
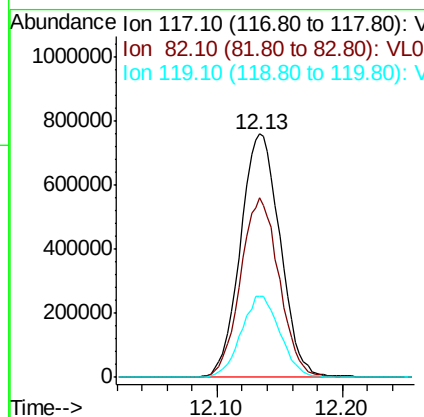
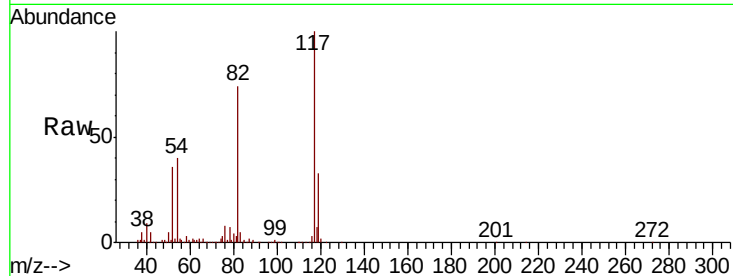
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL034416.D
Acq: 25 Nov 2019 21:37

Instrument :
MSVOA_L
ClientSampled :
5DL

Tot Ion:117 Resp: 1667739
Ion Ratio Lower Upper
117 100
82 72.2 57.5 86.3
119 32.7 25.4 38.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.191 ppbv
RT: 14.47 min Scan# 3634
Delta R.T. -0.01 min
Lab File: VL034416.D
Acq: 25 Nov 2019 21:37

Tgt Ion: 95 Resp: 1429857
Ion Ratio Lower Upper
95 100
174 65.8 52.2 78.2
175 4.6 3.8 5.8

