

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100719\
 Data File : VL034232.D
 Acq On : 7 Oct 2019 21:36
 Operator : SY/AP
 Sample : K5225-03DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Oct 09 03:40:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	10/11/2019 5:05:18 PM
1) Bromochloromethane	5.69	49	1099011	10.00	ppbv	-0.02	
33) 1,4-Difluorobenzene	7.21	114	1799947	10.00	ppbv	-0.02	
55) Chlorobenzene-d5	12.15	117	1832019	10.00	ppbv	-0.02	

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1640106	10.30	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.03	85	12967m	0.080	ppbv
13) Ethanol	3.60	45	145631	9.460	ppbv 99
15) Acetone	3.85	43	105130	0.714	ppbv 99
20) Methylene Chloride	4.35	84	19554	0.460	ppbv 89

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

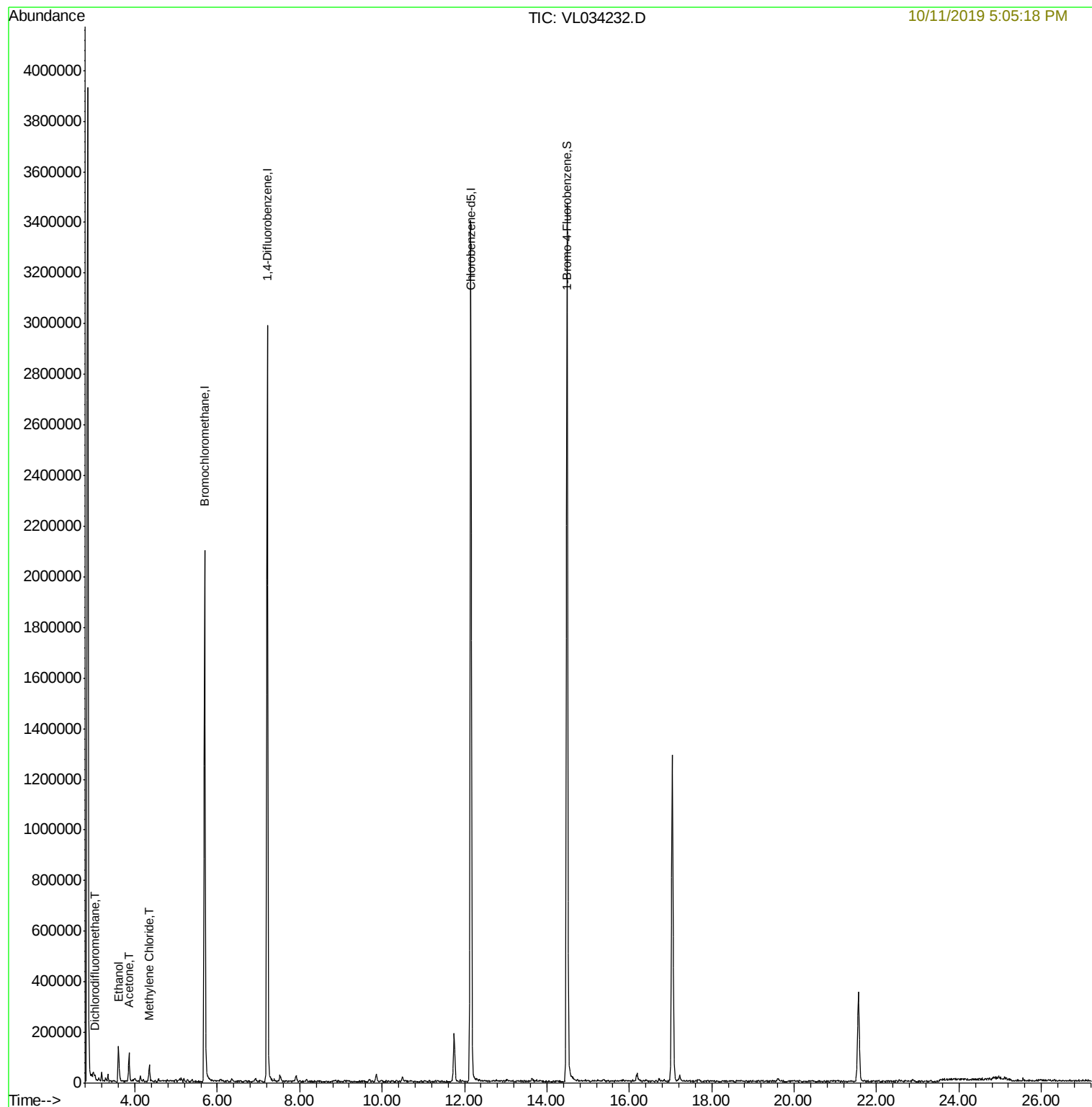
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100719\
Data File : VL034232.D
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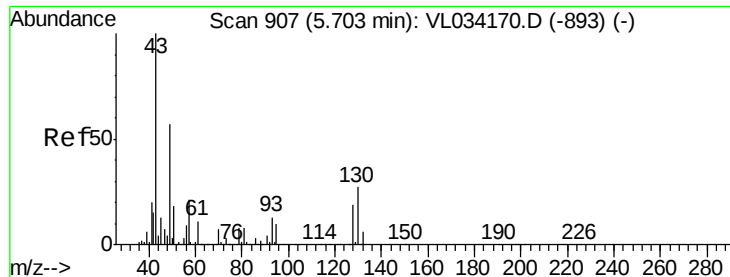
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Oct 09 03:40:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.02 min

Lab File: VL034232.D

Acq: 7 Oct 2019 21:36

Instrument :

MSVOA_L

ClientSampleId :

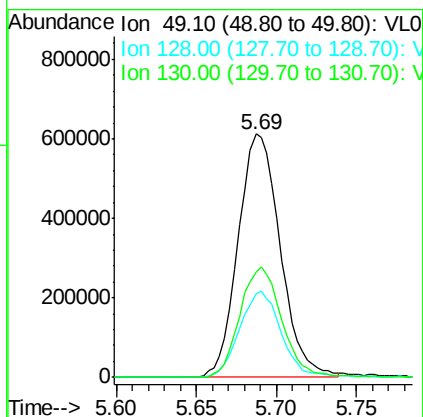
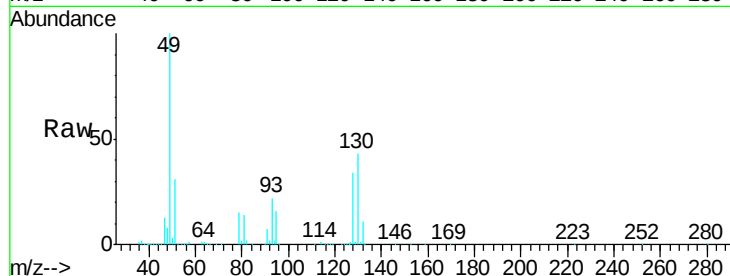
QA1DL

Tgt Ion: 49 Resp: 1099011

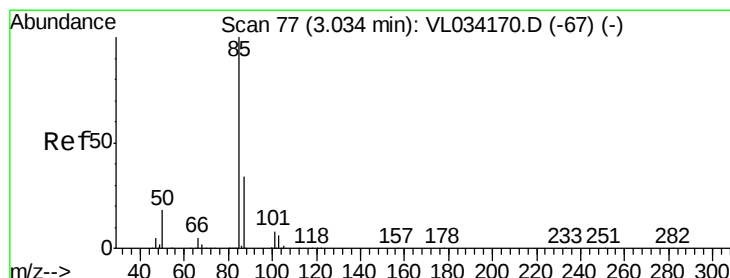
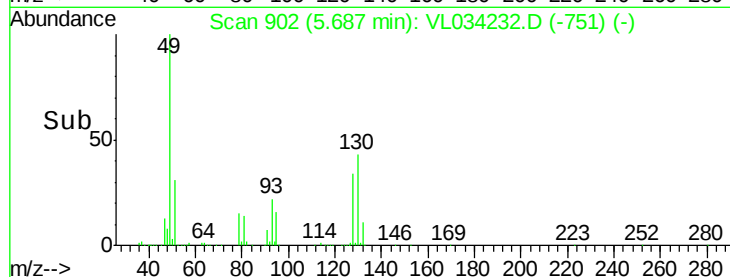
Ion	Ratio	Lower	Upper
49	100		
128	35.3	17.6	52.9
130	45.5	22.3	66.9

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#2

Dichlorodifluoromethane

Concen: 0.080 ppbv m

RT: 3.03 min Scan# 75

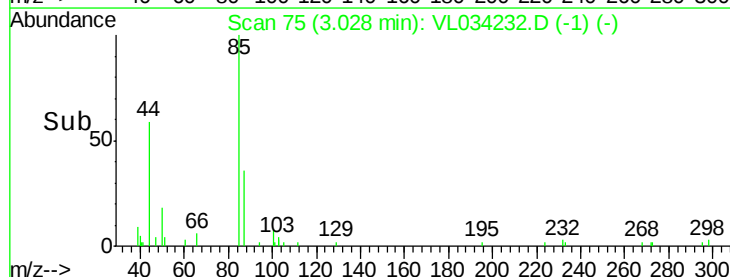
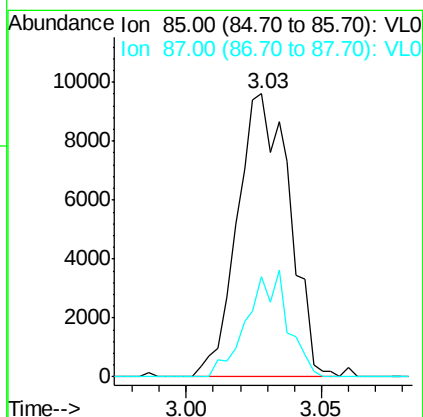
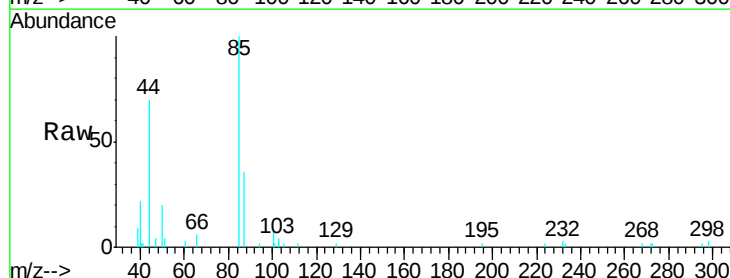
Delta R.T. -0.01 min

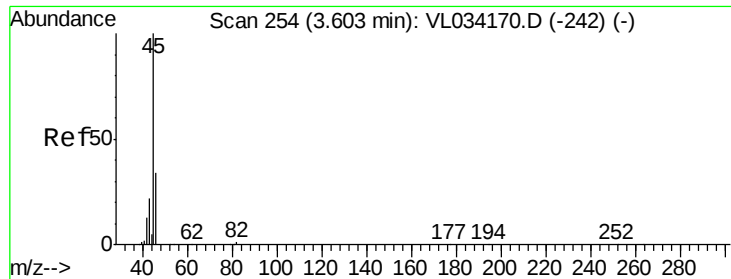
Lab File: VL034232.D

Acq: 7 Oct 2019 21:36

Tgt Ion: 85 Resp: 12967

Ion	Ratio	Lower	Upper
85	100		
87	35.7	27.2	40.8





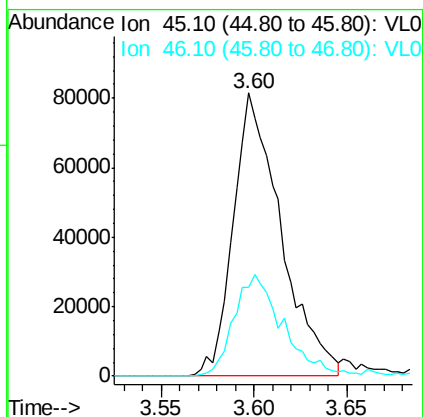
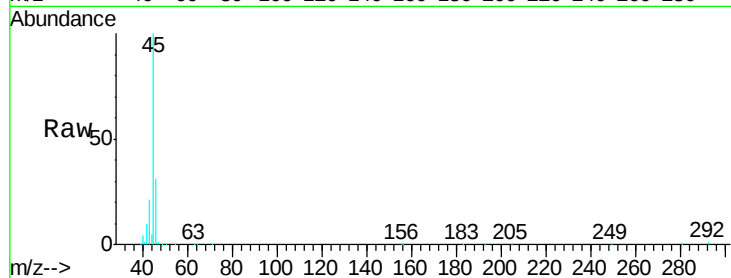
#13
Ethanol
Concen: 9.460 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL034232.D
Acq: 7 Oct 2019 21:36

Instrument :
MSVOA_L
ClientSampleID :
QA1DL

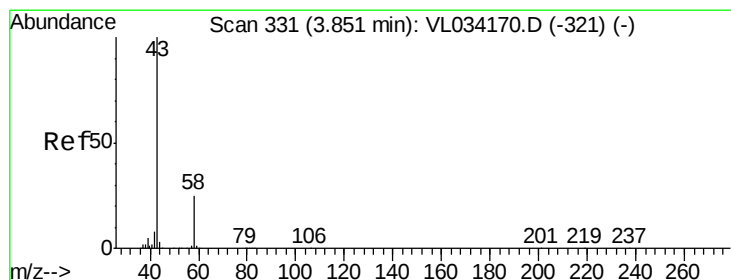
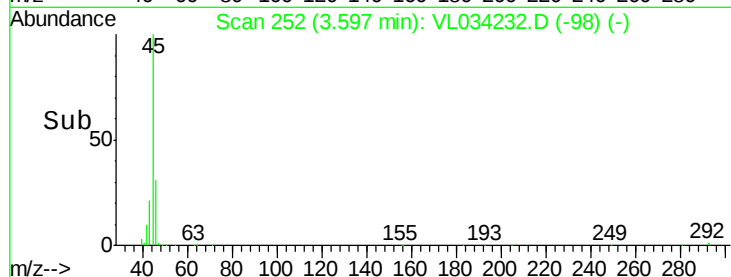
Tgt Ion	Ratio	Lower	Upper
45	100		
46	38.2	15.5	61.9

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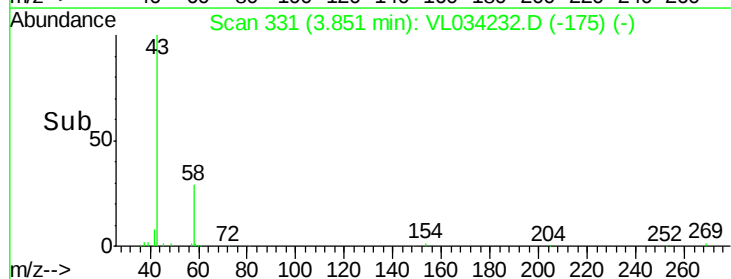
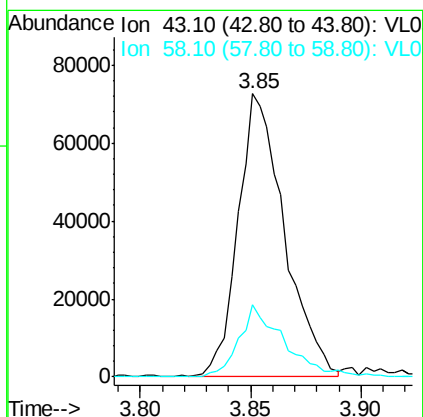
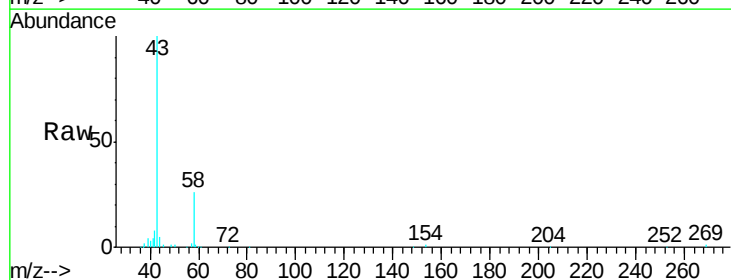


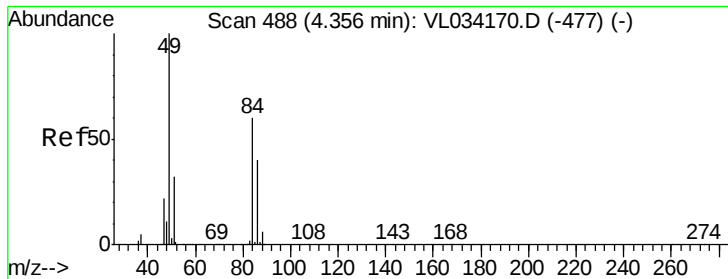
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#15
Acetone
Concen: 0.714 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL034232.D
Acq: 7 Oct 2019 21:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.0	20.5	30.7





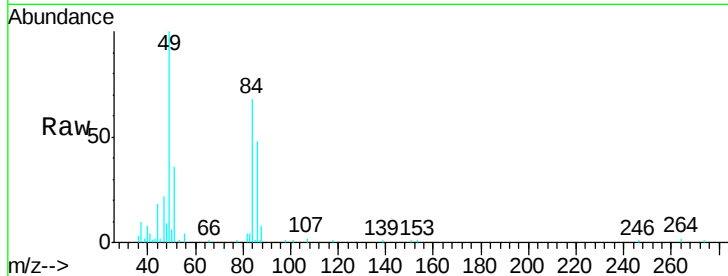
#20
Methylene Chloride
Concen: 0.460 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.00 min
Lab File: VL034232.D
Acq: 7 Oct 2019 21:36

Instrument :
MSVOA_L
ClientSampled :
QA1DL

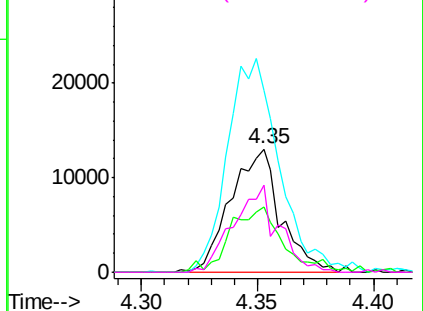
Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.4	133.8	200.8
51	51.0	43.6	65.4
86	70.4	53.1	79.7

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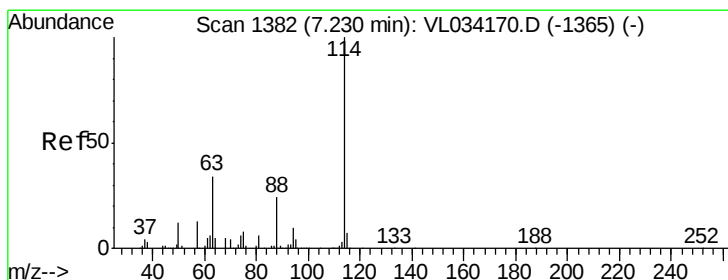
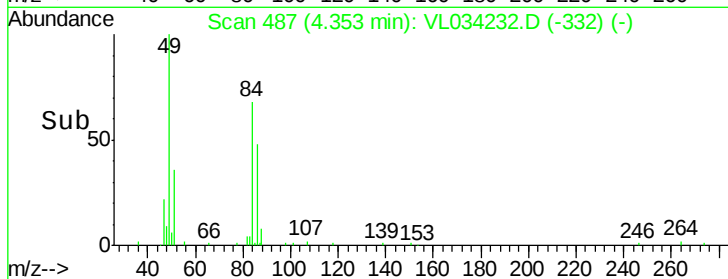
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Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0



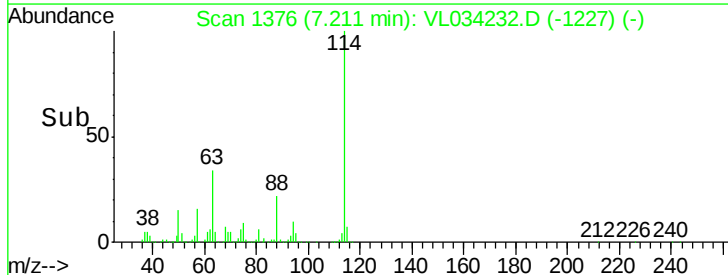
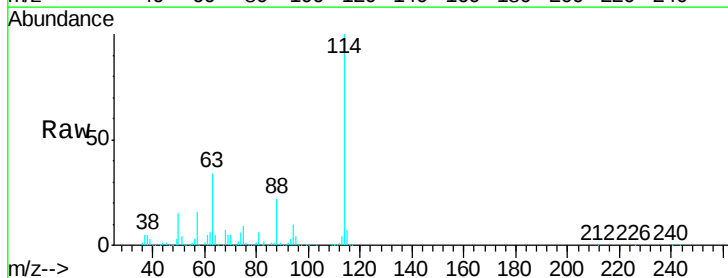
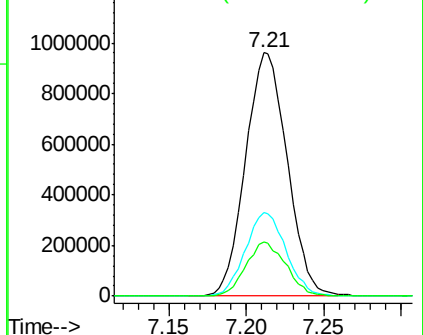
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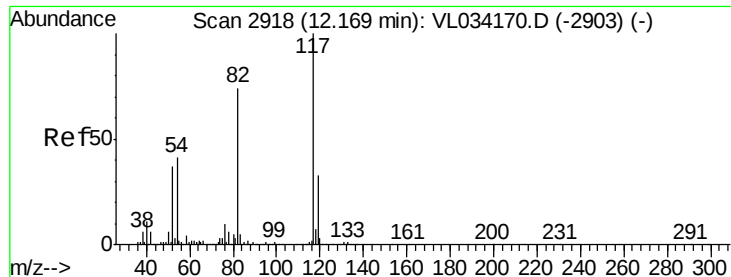


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. -0.02 min
Lab File: VL034232.D
Acq: 7 Oct 2019 21:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	34.0	27.8	41.6
88	21.6	17.1	25.7

Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





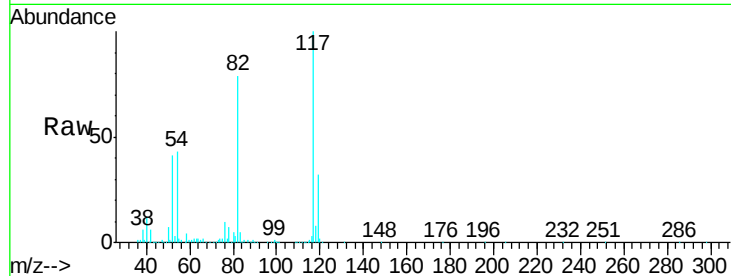
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. -0.02 min
Lab File: VL034232.D
Acq: 7 Oct 2019 21:36

Instrument :
MSVOA_L
ClientSampled :
QA1DL

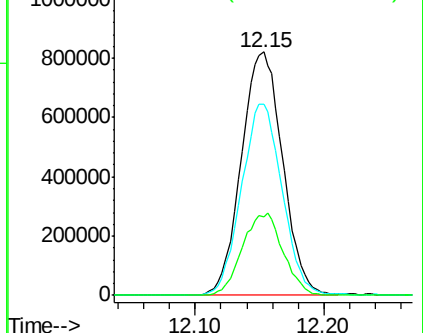
Tgt Ion: 117 Resp: 1832019
Ion Ratio Lower Upper
117 100
82 77.9 58.2 87.4
119 33.3 23.7 35.5

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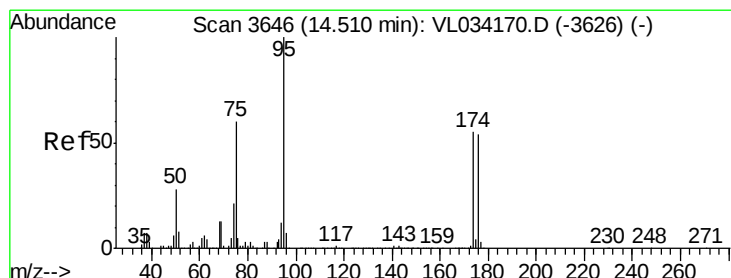
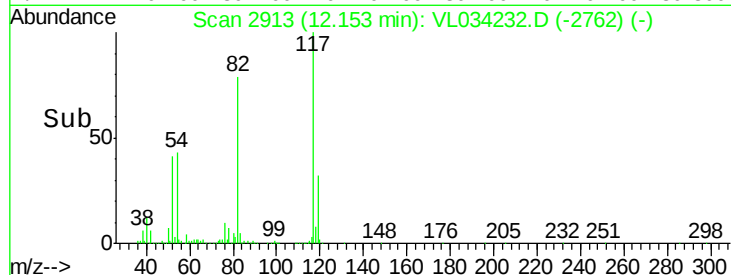
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Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V

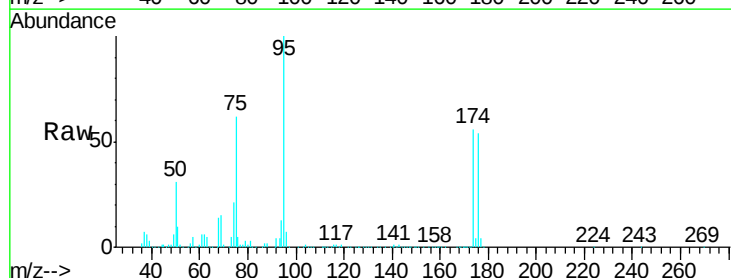


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#68
1-Bromo-4-Fluorobenzene
Concen: 10.303 ppbv
RT: 14.49 min Scan# 3640
Delta R.T. -0.02 min
Lab File: VL034232.D
Acq: 7 Oct 2019 21:36

Tgt Ion: 95 Resp: 1640106
Ion Ratio Lower Upper
95 100
174 54.8 45.1 67.7
175 4.1 3.3 4.9



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

