

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034447.D
 Acq On : 3 Dec 2019 4:32
 Operator : SY/AP
 Sample : K6097-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3ADL

Manual Integrations
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Quant Time: Dec 03 06:24:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue 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	5.69	49	732267	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1403964	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	1381057	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1162106	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	18794	0.142	ppbv	92
9) Propene	3.00	41	10909m	0.269	ppbv	
13) Ethanol	3.60	45	265421	23.490	ppbv	96
15) Acetone	3.86	43	100887	0.962	ppbv	100
19) Isopropyl Alcohol	3.96	45	3029980	45.081	ppbv #	99
20) Methylene Chloride	4.35	84	13145m	0.354	ppbv	

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

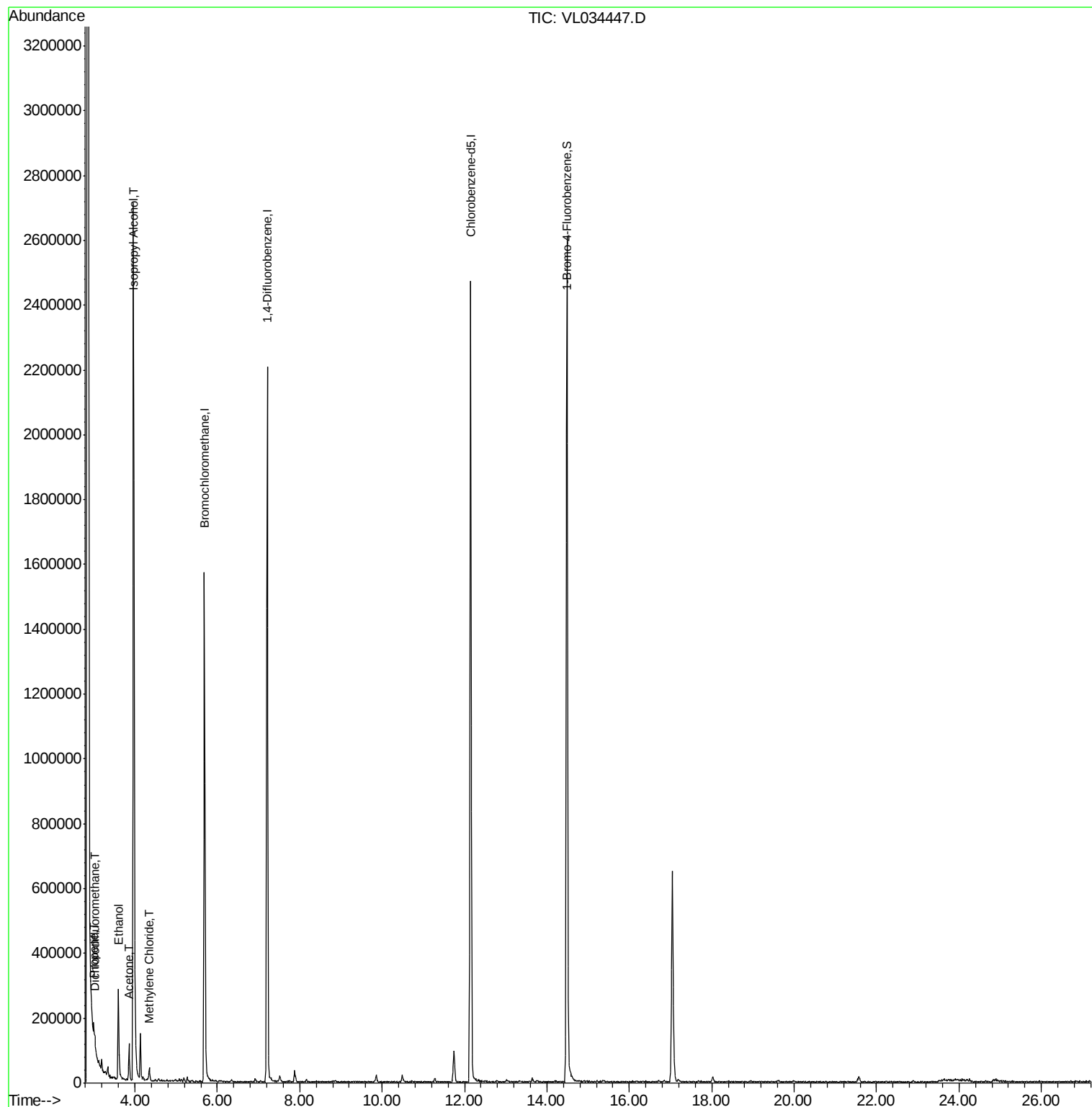
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120219\
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QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL034447.D

Acq: 3 Dec 2019 4:32

Instrument :

MSVOA_L

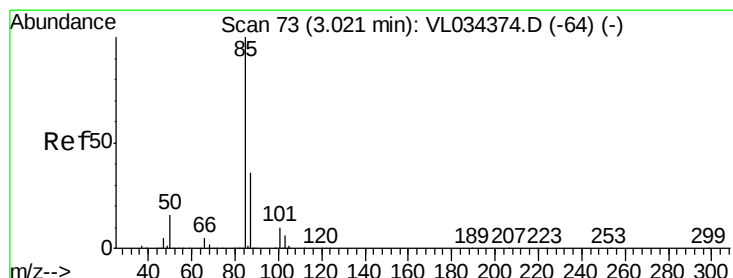
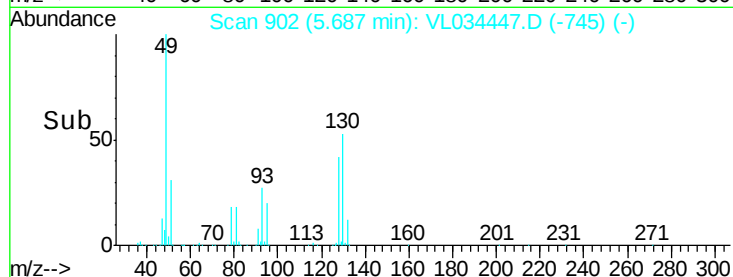
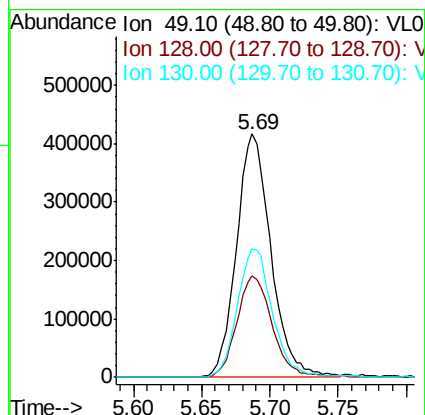
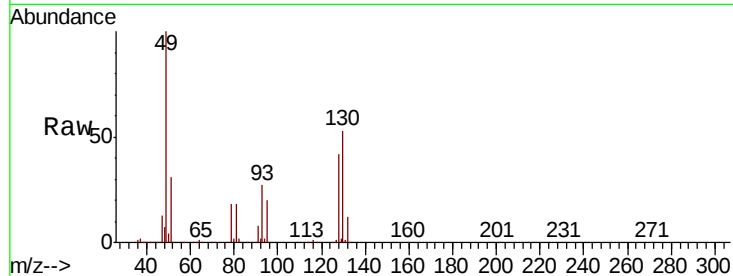
ClientSampled :

IA-3ADL

Tot Ion	49	Resp	732267
Ion Ratio	Lower	Upper	
49	100		
128	43.1	21.8	65.3
130	54.1	28.0	84.0

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#2

Dichlorodifluoromethane

Concen: 0.142 ppbv

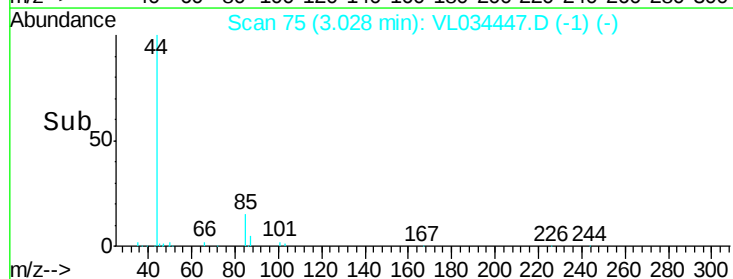
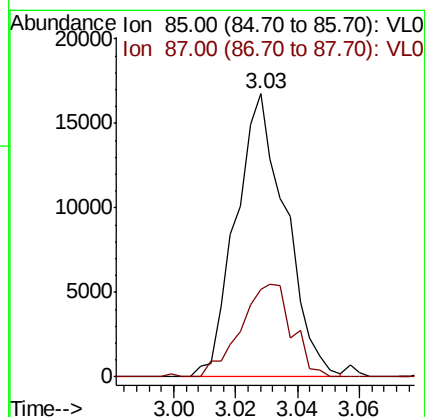
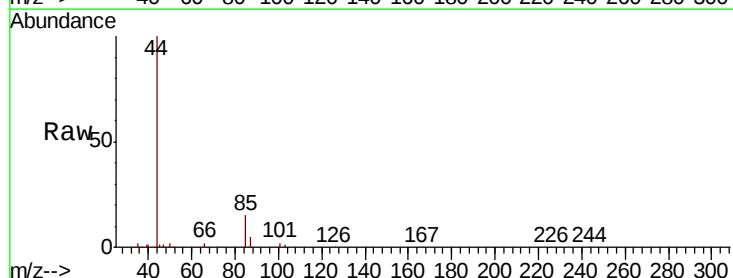
RT: 3.03 min Scan# 75

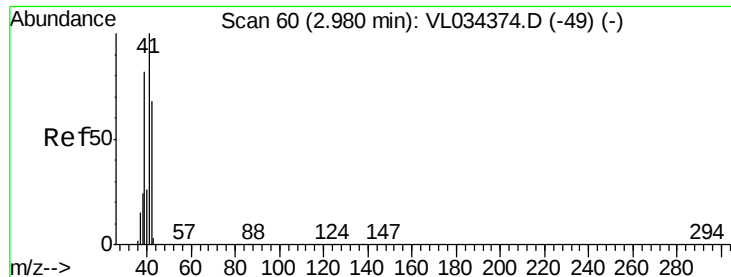
Delta R.T. 0.01 min

Lab File: VL034447.D

Acq: 3 Dec 2019 4:32

Tgt Ion	85	Resp	18794
Ion Ratio	Lower	Upper	
85	100		
87	30.9	28.5	42.7





#9

Propene

Concen: 0.269 ppbv m

RT: 3.00 min Scan# 65

Delta R.T. 0.02 min

Lab File: VL034447.D

Acq: 3 Dec 2019 4:32

Instrument :

MSVOA_L

ClientSampleId :

IA-3ADL

Tot Ion: 41 Resp: 10909

Ion Ratio Lower Upper

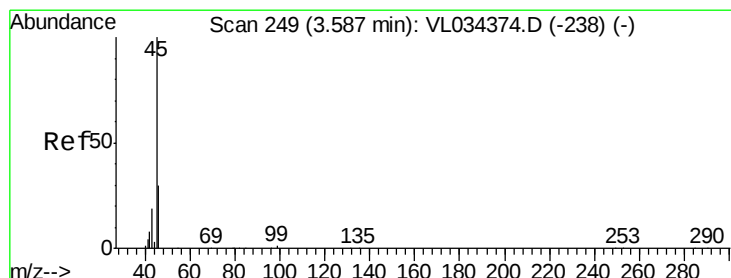
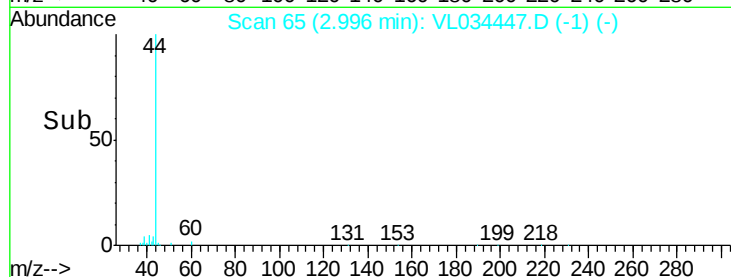
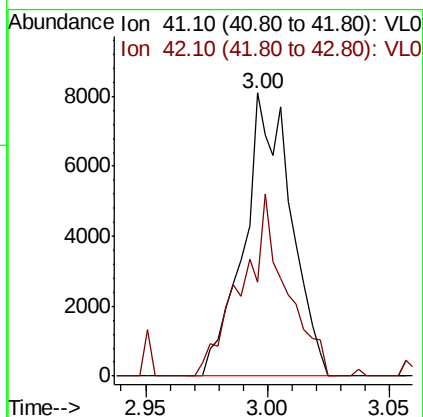
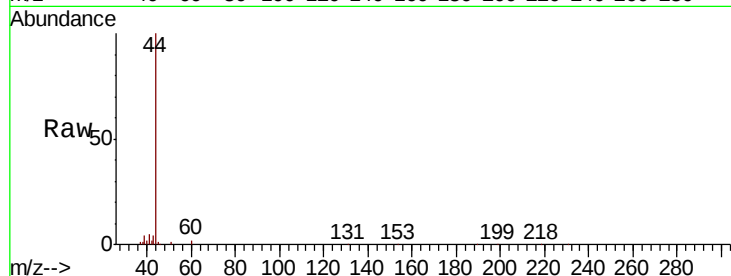
41 100

42 60.8 54.6 82.0

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#13

Ethanol

Concen: 23.490 ppbv

RT: 3.60 min Scan# 252

Delta R.T. 0.01 min

Lab File: VL034447.D

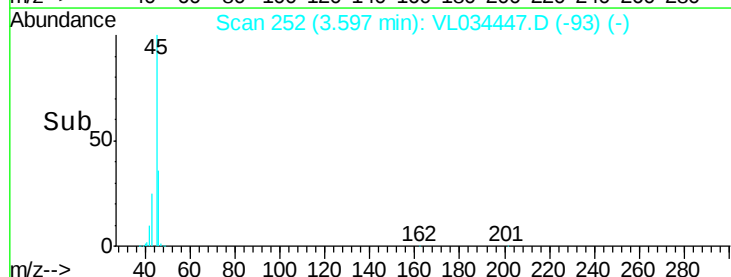
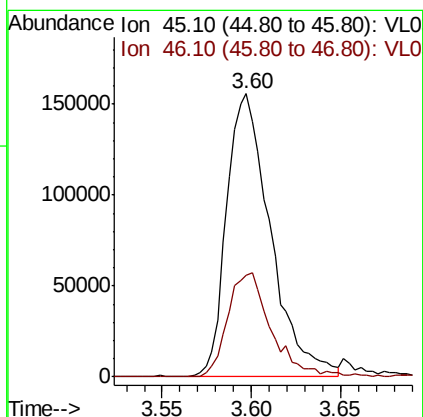
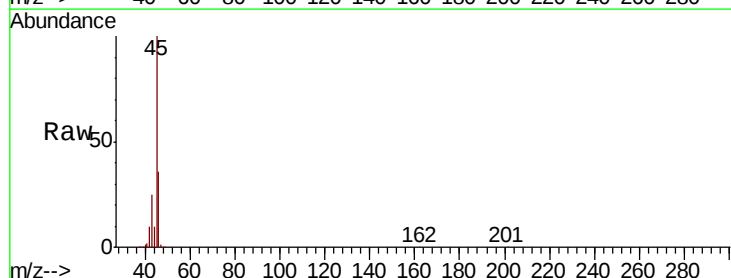
Acq: 3 Dec 2019 4:32

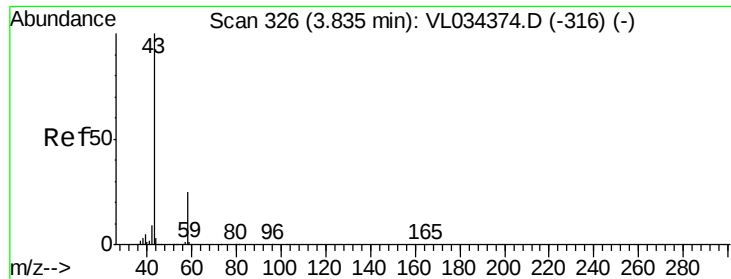
Tgt Ion: 45 Resp: 265421

Ion Ratio Lower Upper

45 100

46 37.0 13.8 55.4





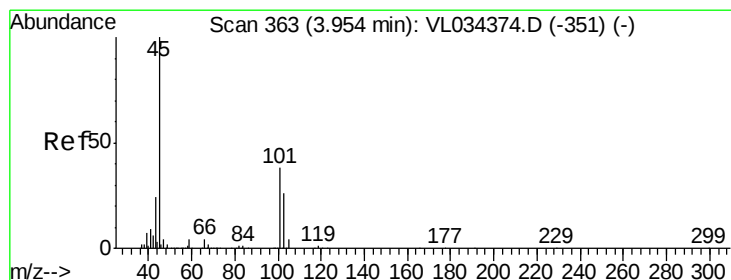
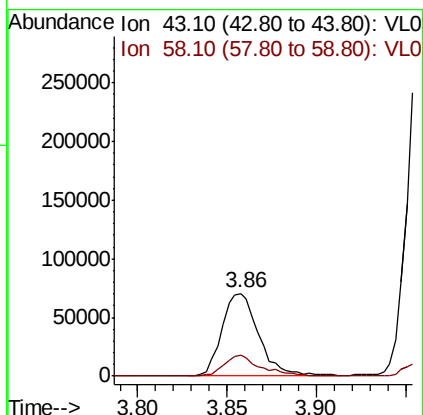
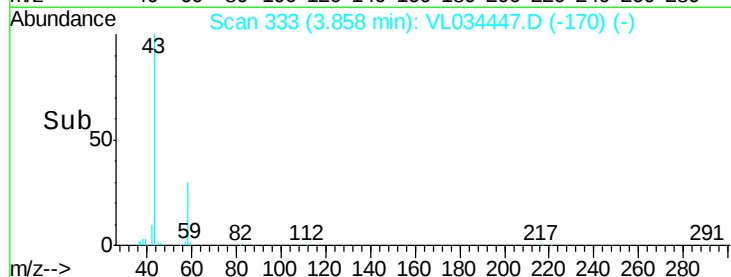
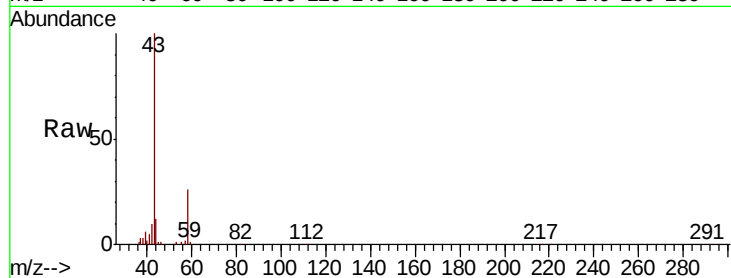
#15
Acetone
Concen: 0.962 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL034447.D
Acq: 3 Dec 2019 4:32

Instrument :
MSVOA_L
ClientSampled :
IA-3ADL

Tot Ion: 43 Resp: 100887
Ion Ratio Lower Upper
43 100
58 25.1 20.2 30.4

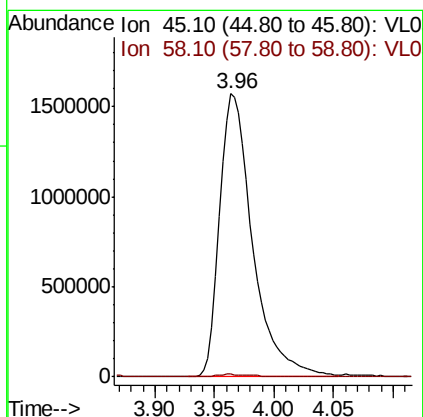
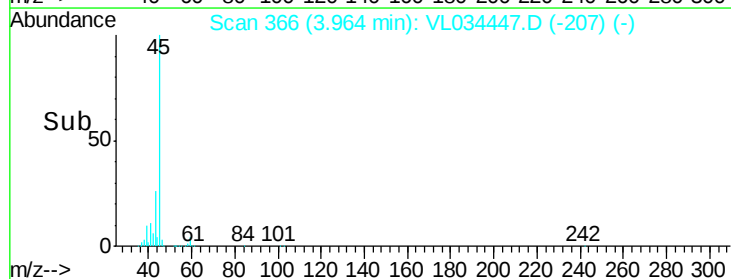
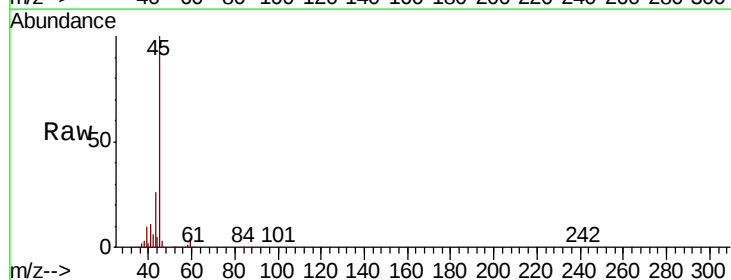
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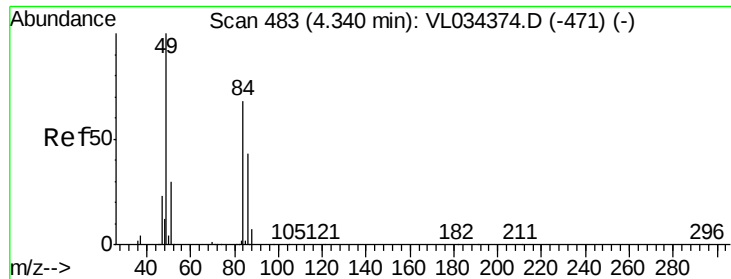
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#19
Isopropyl Alcohol
Concen: 45.081 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.01 min
Lab File: VL034447.D
Acq: 3 Dec 2019 4:32

Tgt Ion: 45 Resp: 3029980
Ion Ratio Lower Upper
45 100
58 1.1 1.3 1.9#





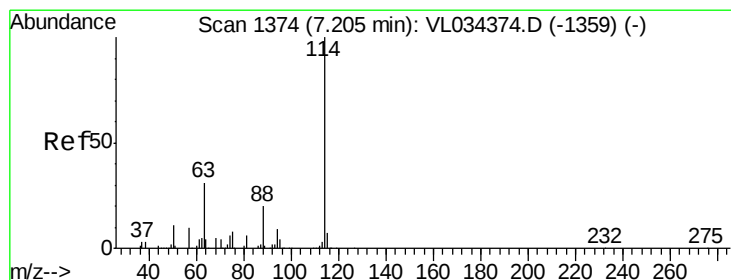
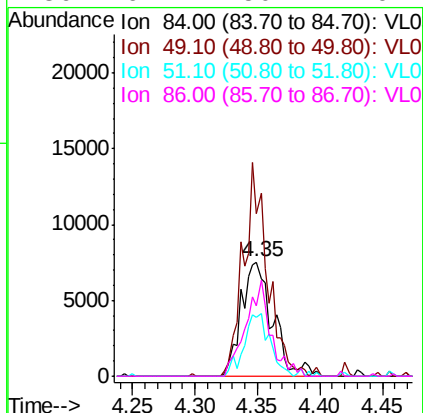
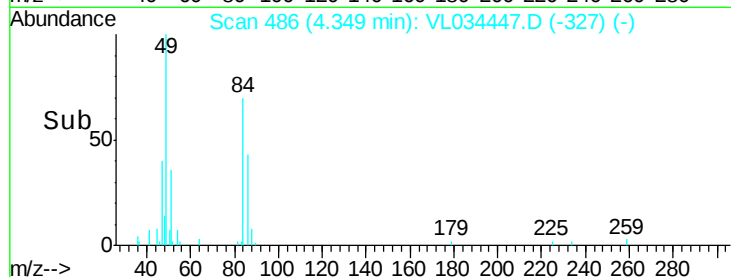
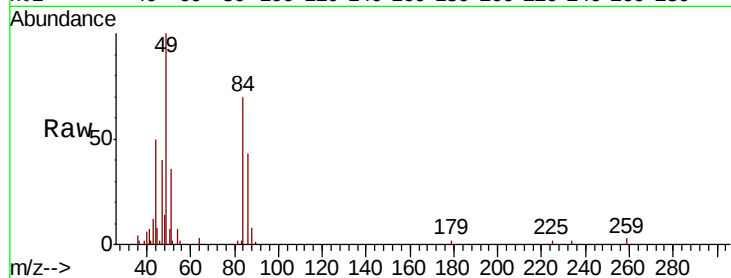
#20
Methvlene Chloride
Concen: 0.354 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL034447.D
Acq: 3 Dec 2019 4:32

Instrument :
MSVOA_L
ClientSampled :
IA-3ADL

Tot Ion:	84	Resp:	13145
Ion	Ratio	Lower	Upper
84	100		
49	143.0	116.8	175.2
51	52.2	35.6	53.4
86	62.1	50.7	76.1

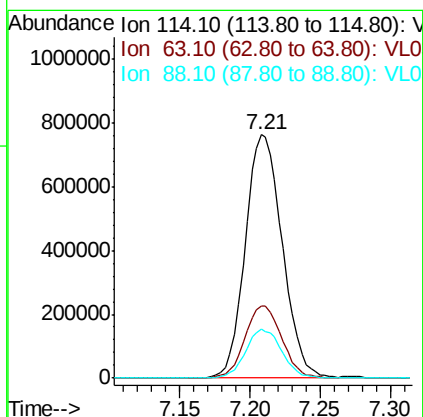
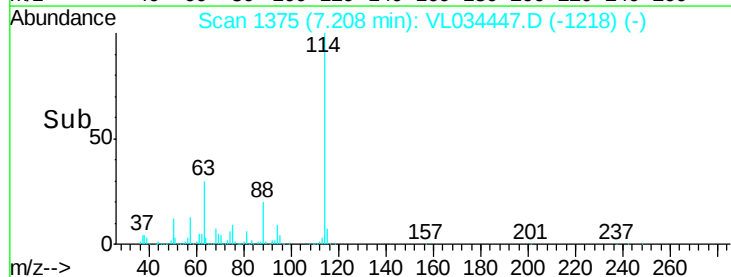
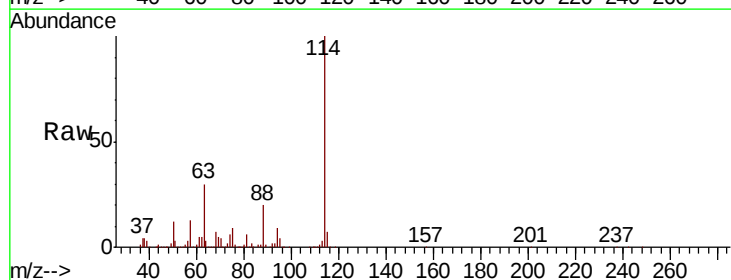
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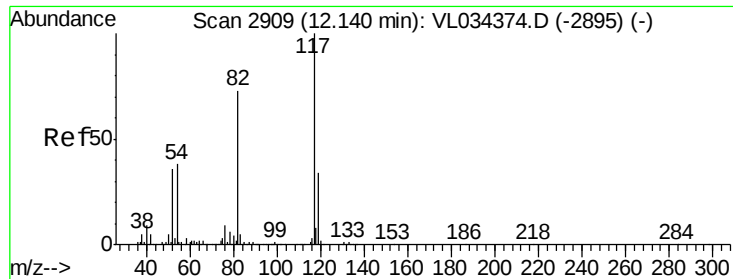
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VL034447.D
Acq: 3 Dec 2019 4:32

Tgt Ion:	114	Resp:	1403964
Ion	Ratio	Lower	Upper
114	100		
63	29.7	24.2	36.4
88	19.6	15.9	23.9





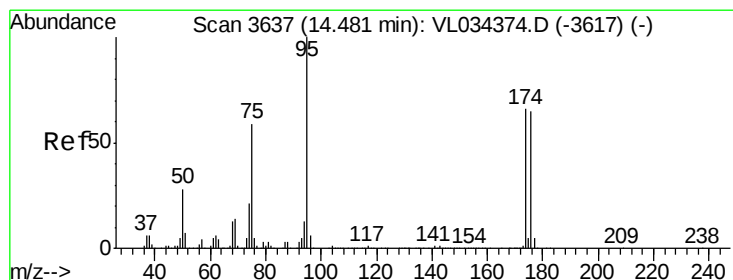
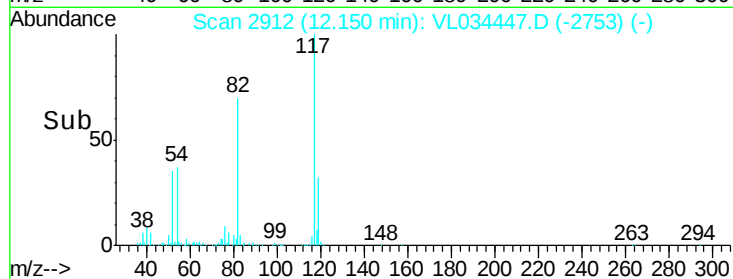
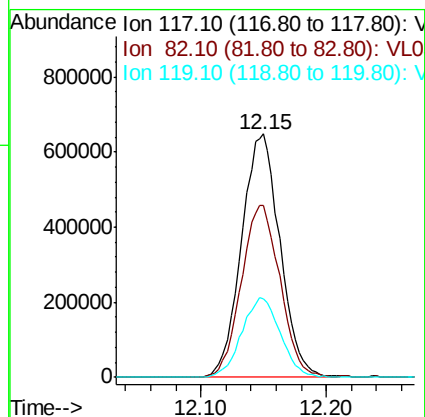
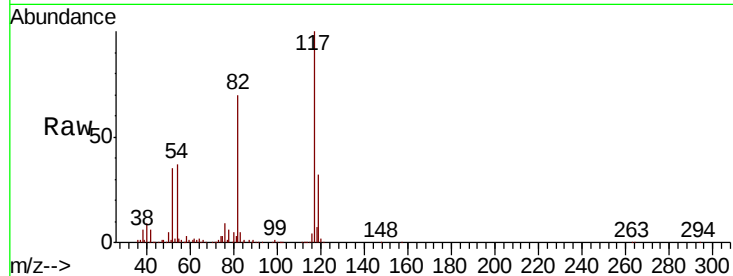
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. 0.01 min
Lab File: VL034447.D
Acq: 3 Dec 2019 4:32

Instrument :
MSVOA_L
ClientSampleId :
IA-3ADL

Tot Ion	Ratio	Lower	Upper
117	100		
82	71.9	57.5	86.3
119	33.0	25.4	38.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.002 ppbv
RT: 14.48 min Scan# 3638
Delta R.T. 0.00 min
Lab File: VL034447.D
Acq: 3 Dec 2019 4:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.3	52.2	78.2
175	4.7	3.8	5.8

