

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121719\
 Data File : VL034502.D
 Acq On : 17 Dec 2019 21:11
 Operator : SY/AP
 Sample : K6319-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-IA2DL

Manual Integrations
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Quant Time: Dec 18 05:27:55 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	5.67	49	961630	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1884753	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1885110	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1607260	10.13	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	7493	0.141	ppbv	90
13) Ethanol	3.58	45	488099	32.895	ppbv	96
15) Acetone	3.84	43	127383	0.925	ppbv	97
19) Isopropyl Alcohol	3.98	45	32342m	0.366	ppbv	
20) Methylene Chloride	4.33	84	20464	0.419	ppbv #	77

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

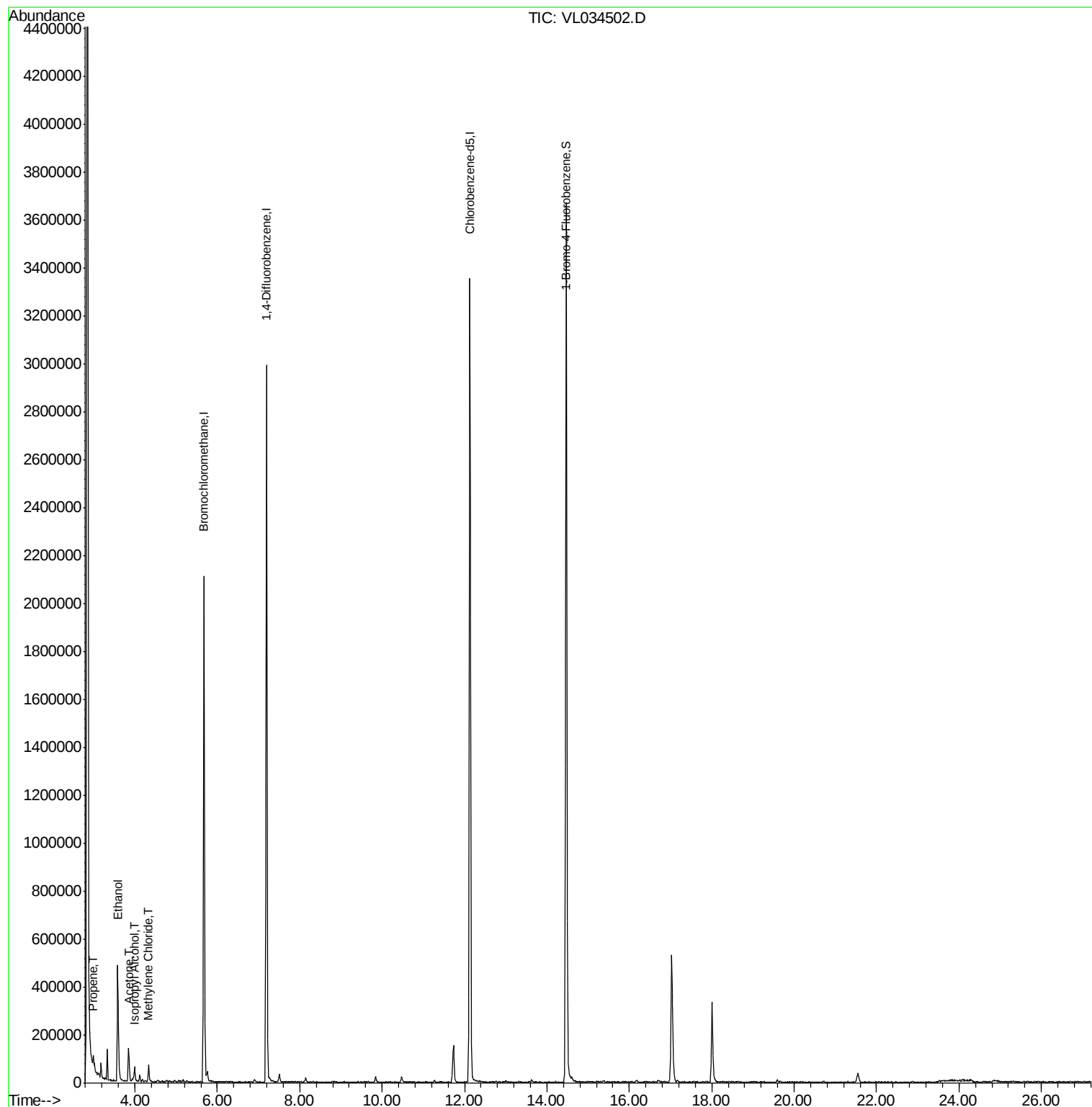
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.01 min

Lab File: VL034502.D

Acq: 17 Dec 2019 21:11

Instrument :

MSVOA_L

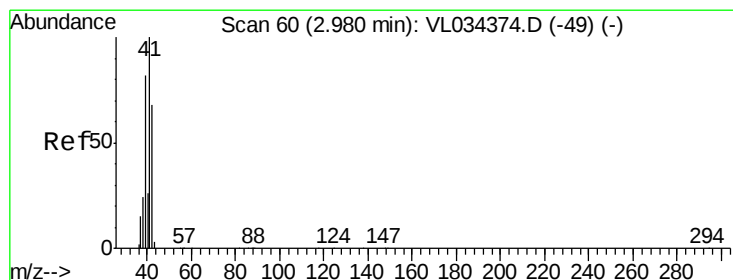
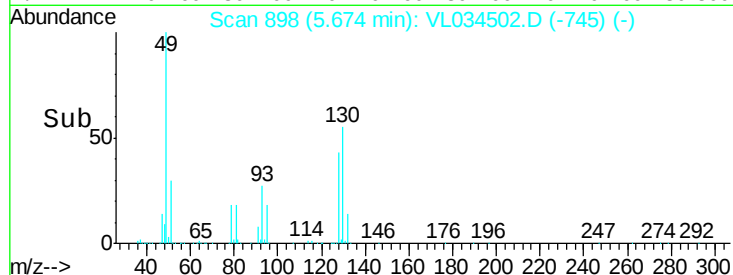
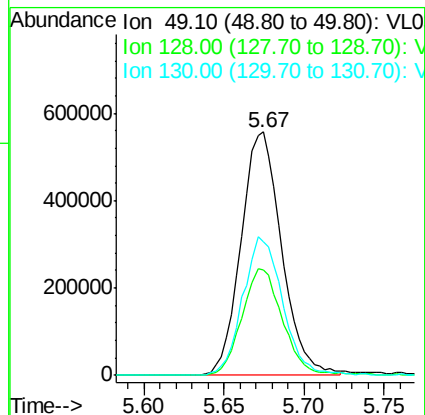
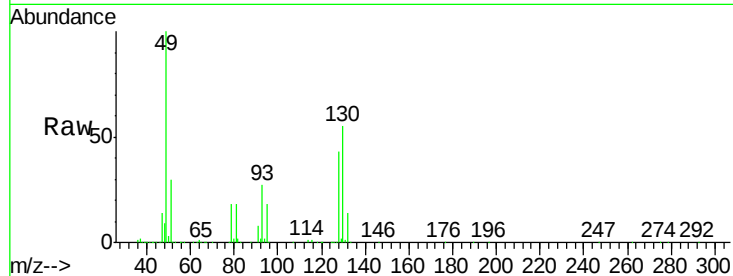
ClientSampleId :

LIHA-IA2DL

Tot Ion:	49	Resp:	961630
Ion	Ratio	Lower	Upper
49	100		
128	44.2	21.8	65.3
130	56.1	28.0	84.0

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#9

Propene

Concen: 0.141 ppbv

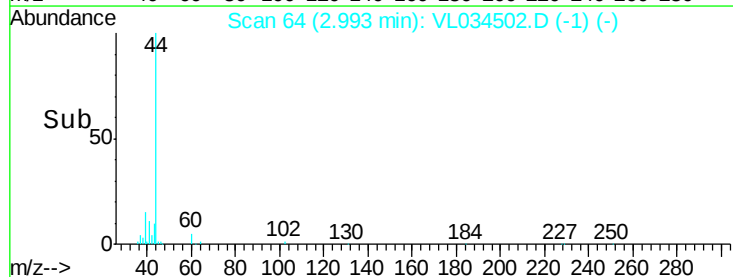
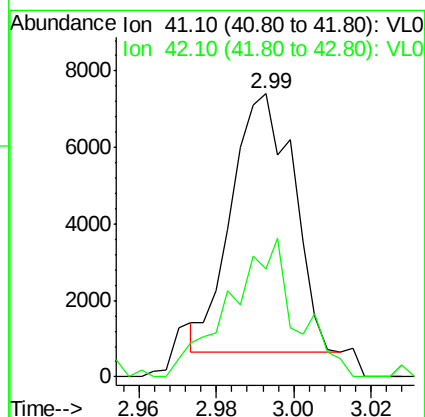
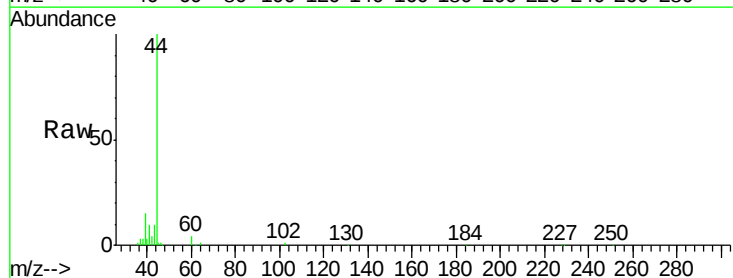
RT: 2.99 min Scan# 64

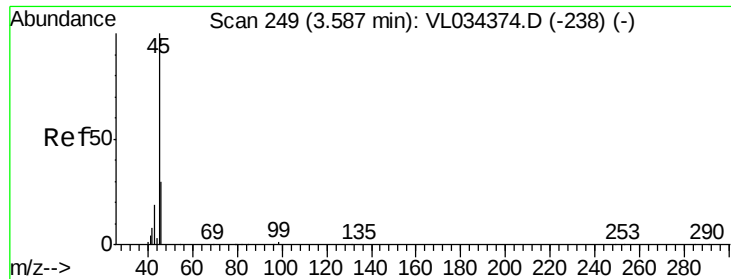
Delta R.T. 0.01 min

Lab File: VL034502.D

Acq: 17 Dec 2019 21:11

Tgt Ion:	41	Resp:	7493
Ion	Ratio	Lower	Upper
41	100		
42	60.5	54.6	82.0





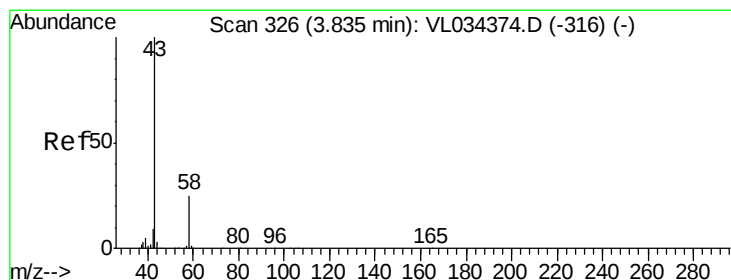
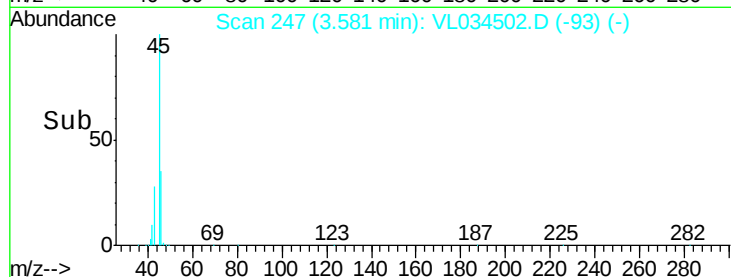
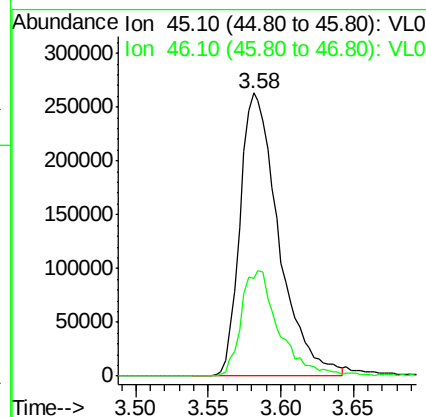
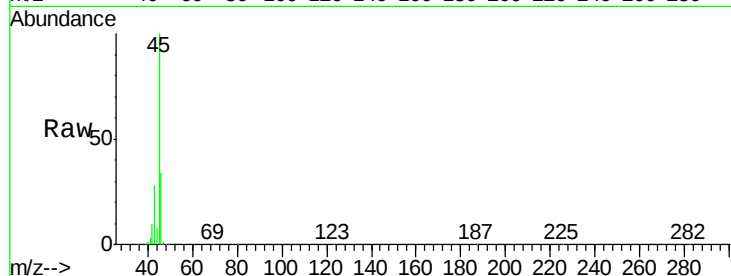
#13
Ethanol
Concen: 32.895 ppbv
RT: 3.58 min Scan# 247
Delta R.T. -0.01 min
Lab File: VL034502.D
Acq: 17 Dec 2019 21:11

Instrument :
MSVOA_L
ClientSampleId :
LIHA-IA2DL

Tot Ion	45	46	Ratio	Lower	Upper
45	100				
46	36.8			13.8	55.4

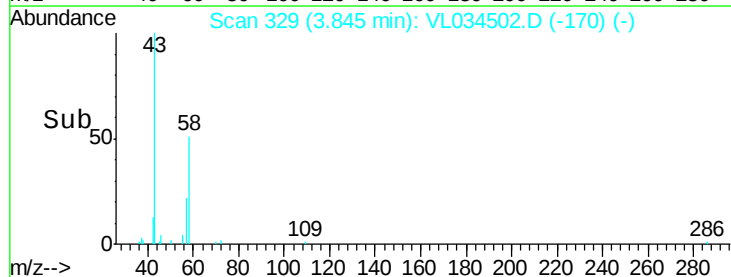
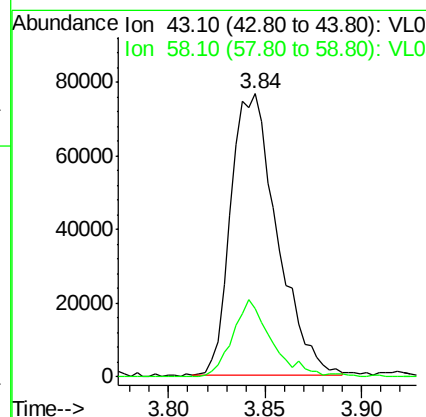
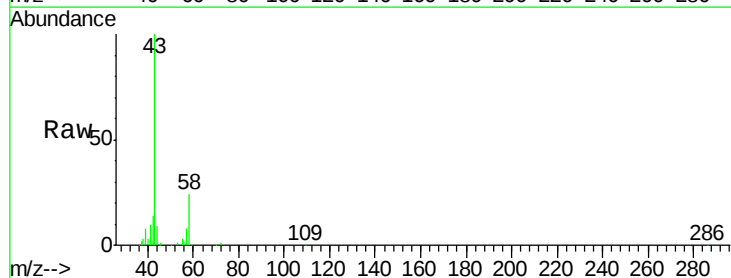
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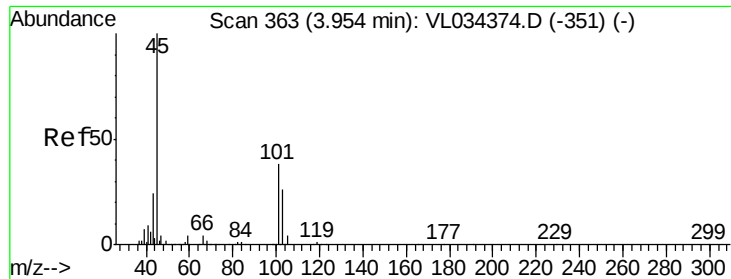
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#15
Acetone
Concen: 0.925 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL034502.D
Acq: 17 Dec 2019 21:11

Tgt Ion	43	58	Ratio	Lower	Upper
43	100				
58	23.7			20.2	30.4





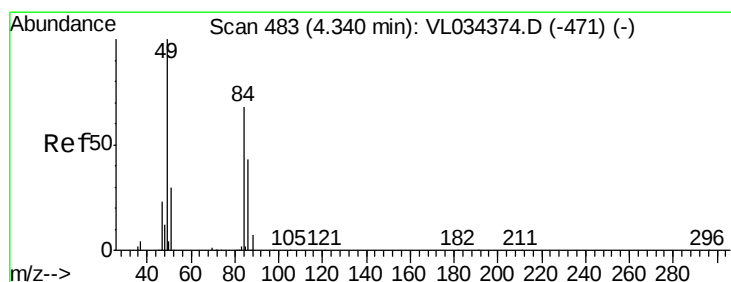
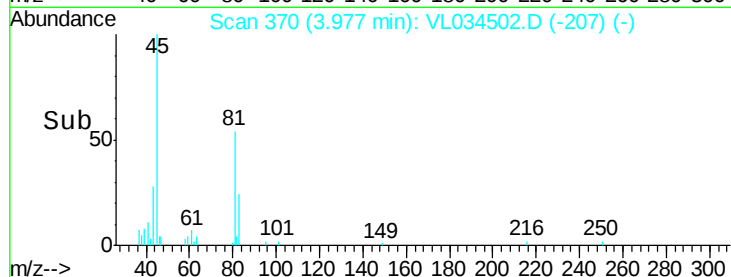
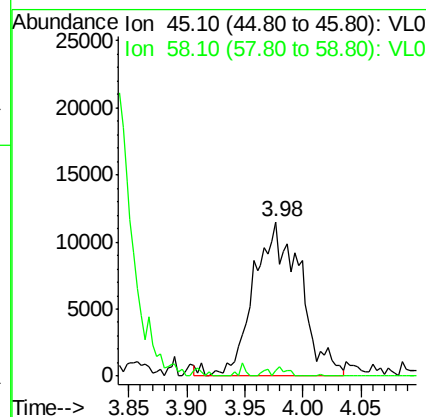
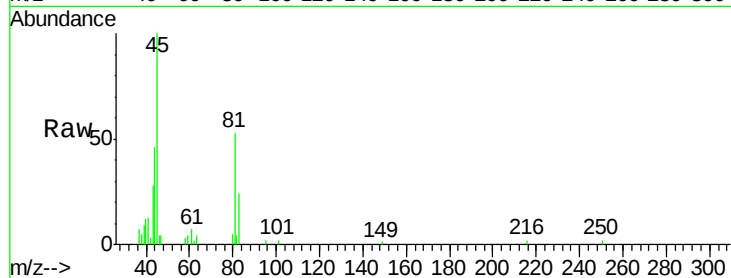
#19
Isopropyl Alcohol
Concen: 0.366 ppbv m
RT: 3.98 min Scan# 370
Delta R.T. 0.02 min
Lab File: VL034502.D
Acq: 17 Dec 2019 21:11

Instrument :
MSVOA_L
ClientSampleID :
LIHA-IA2DL

Tot Ion: 45 Resp: 32342
Ion Ratio Lower Upper
45 100
58 3.0 1.3 1.9#

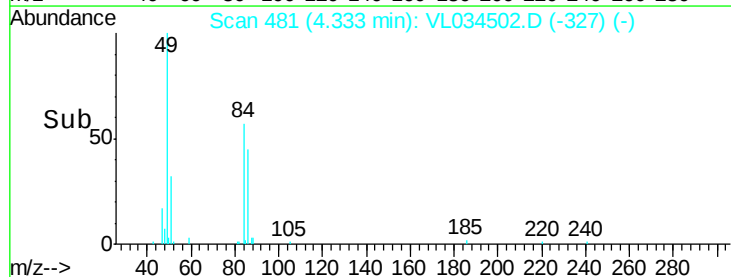
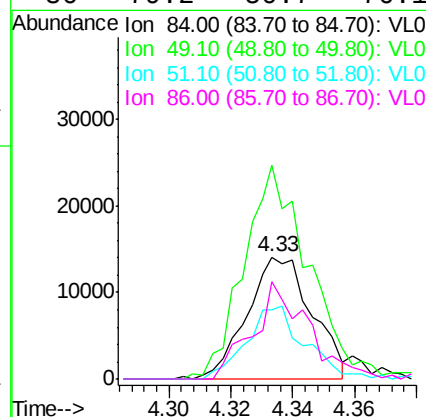
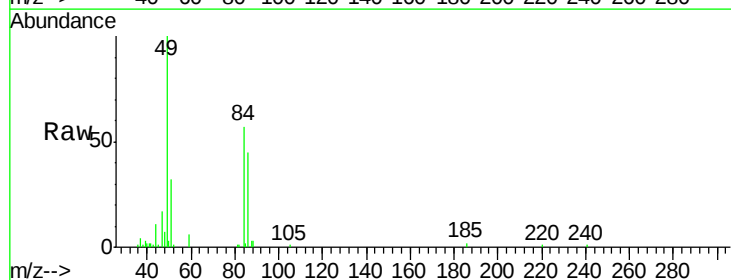
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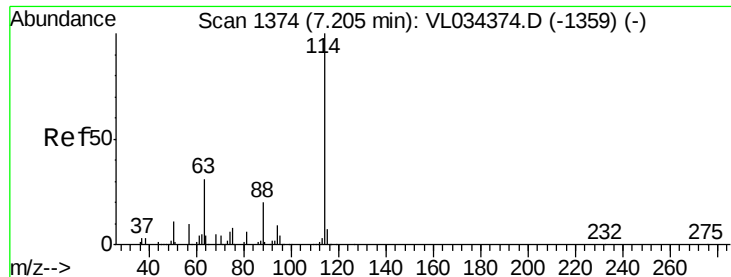
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#20
Methylene Chloride
Concen: 0.419 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL034502.D
Acq: 17 Dec 2019 21:11

Tgt Ion: 84 Resp: 20464
Ion Ratio Lower Upper
84 100
49 176.1 116.8 175.2#
51 58.5 35.6 53.4#
86 79.2 50.7 76.1#





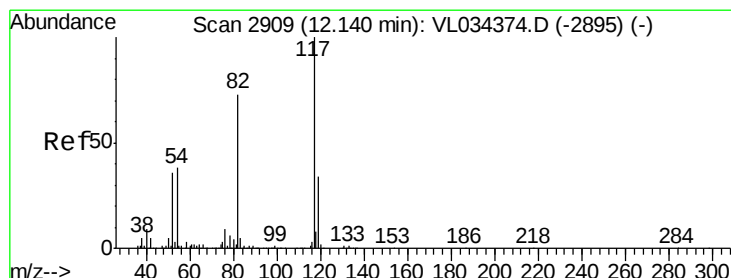
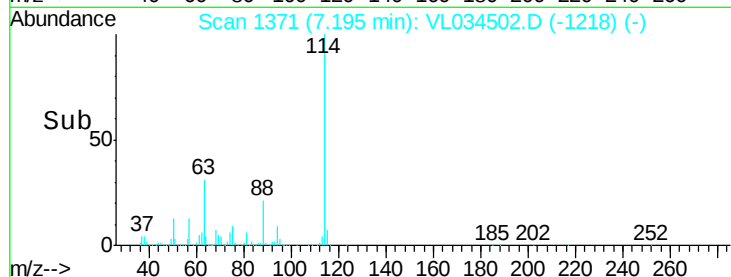
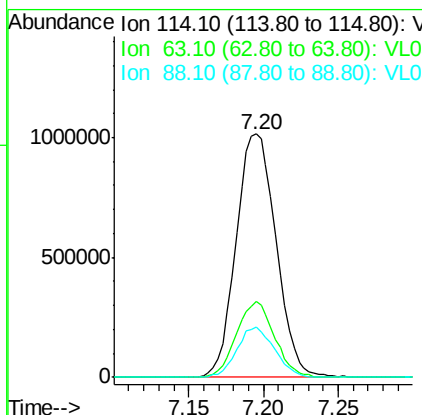
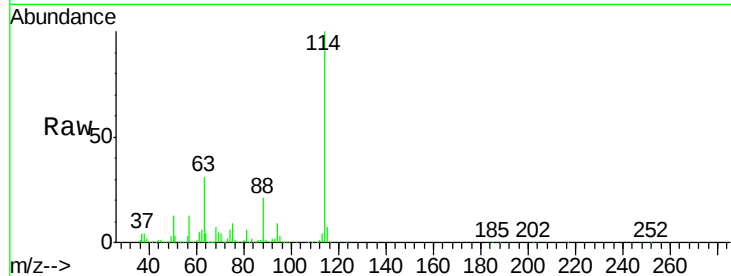
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: VL034502.D
 Acq: 17 Dec 2019 21:11

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-IA2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.8	24.2	36.4
88	19.6	15.9	23.9

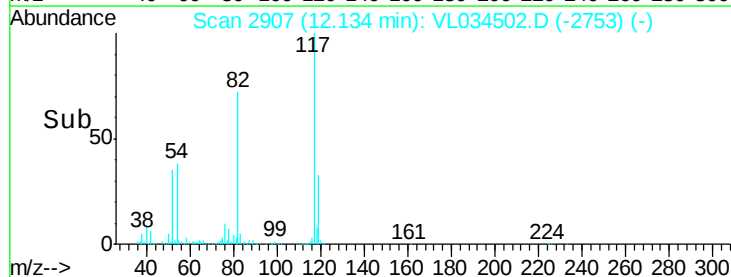
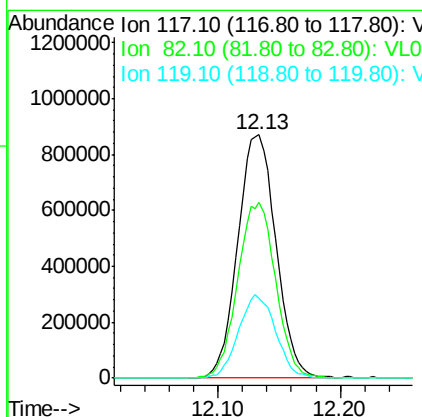
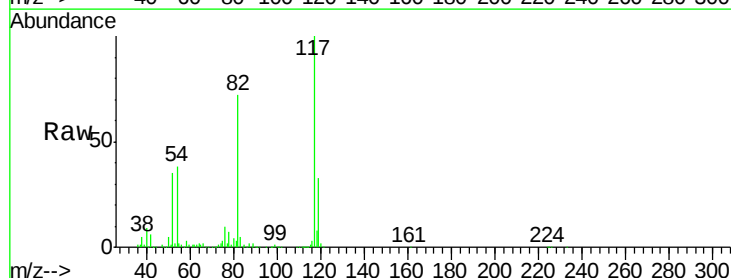
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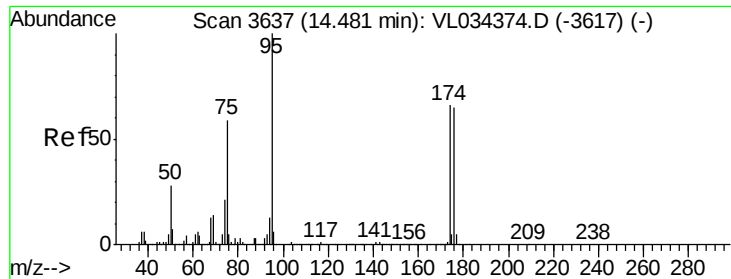
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.13 min Scan# 2907
 Delta R.T. -0.01 min
 Lab File: VL034502.D
 Acq: 17 Dec 2019 21:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	72.1	57.5	86.3
119	33.3	25.4	38.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.135 ppbv
 RT: 14.47 min Scan# 3633
 Delta R.T. -0.01 min
 Lab File: VL034502.D
 Acq: 17 Dec 2019 21:11

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-IA2DL

Tot Ion: 95 Resp: 1607260
 Ion Ratio Lower Upper
 95 100
 174 64.5 52.2 78.2
 175 4.6 3.8 5.8

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