

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110718\
 Data File : VL032719.D
 Acq On : 7 Nov 2018 16:18
 Operator : SY/AP
 Sample : J5809-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-IA1-110118DL

Manual Integrations
 APPROVED

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 11/12/2018 12:30:06 PM

Quant Time: Nov 12 00:46:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 2018
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1552558	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3876942	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3742509	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2869414	10.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.06	41	21872m	0.438	ppbv	
13) Ethanol	3.66	45	3224420	225.780	ppbv	98
15) Acetone	3.91	43	394337	2.751	ppbv	90
17) tert-Butyl alcohol	4.38	59	33930m	0.805	ppbv	
19) Isopropyl Alcohol	4.04	45	80226	0.786	ppbv #	96
53) Toluene	9.96	91	35901m	0.099	ppbv	

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

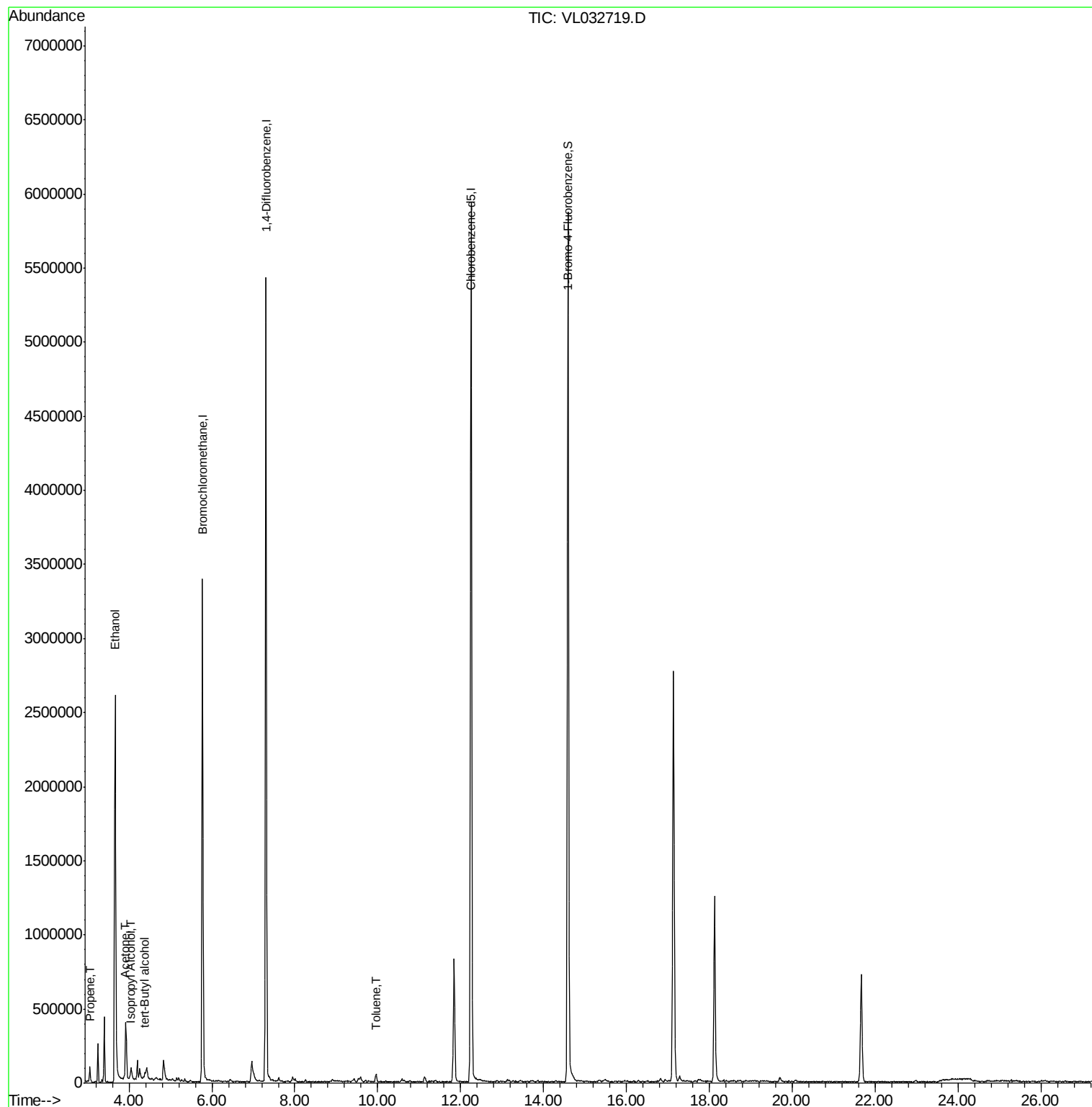
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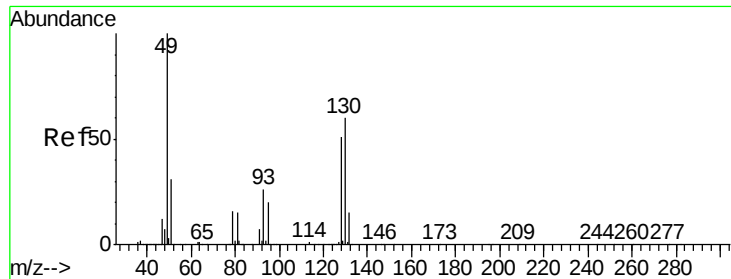
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.01 min

Lab File: VL032719.D

Acq: 7 Nov 2018 16:18

Instrument :

MSVOA_L

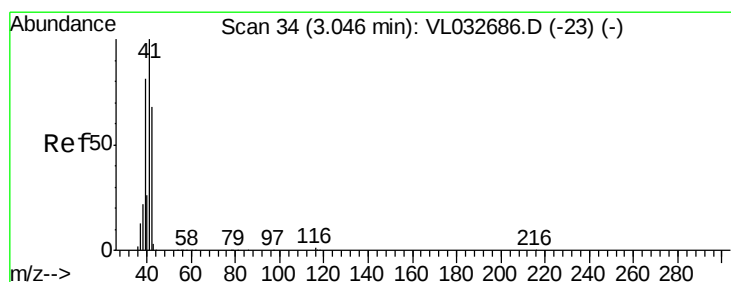
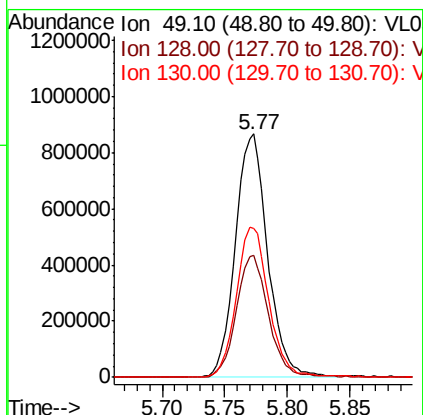
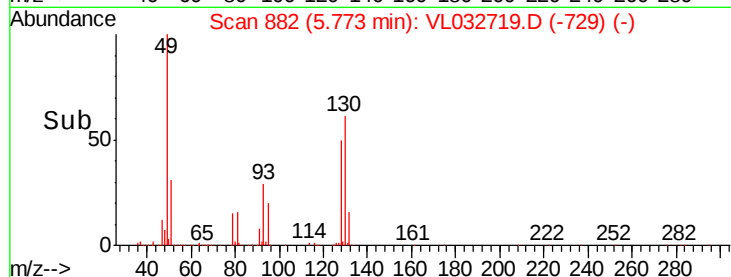
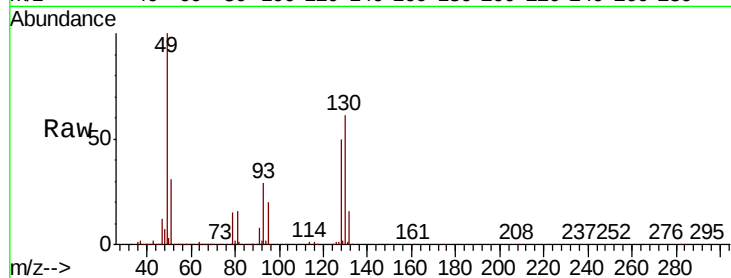
ClientSampleId :

LIHA-IA1-110118DL

Tot Ion:	49	Resp:	1552558
Ion	Ratio	Lower	Upper
49	100		
128	50.0	22.3	66.8
130	62.4	28.4	85.3

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#9

Propene

Concen: 0.438 ppbv m

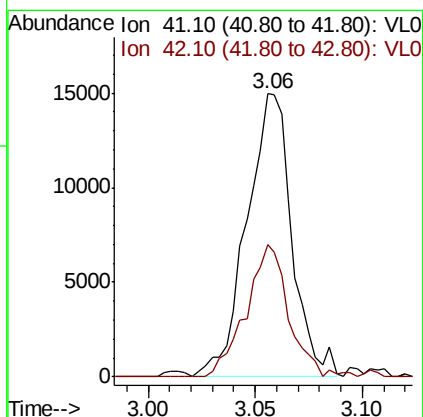
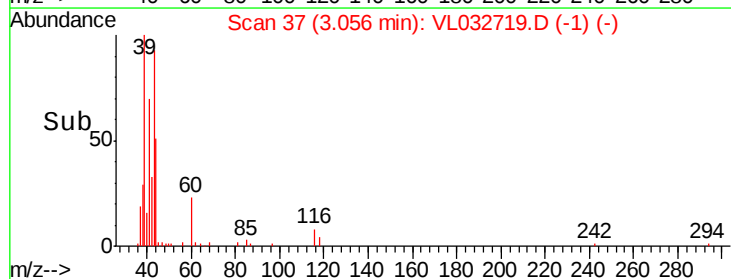
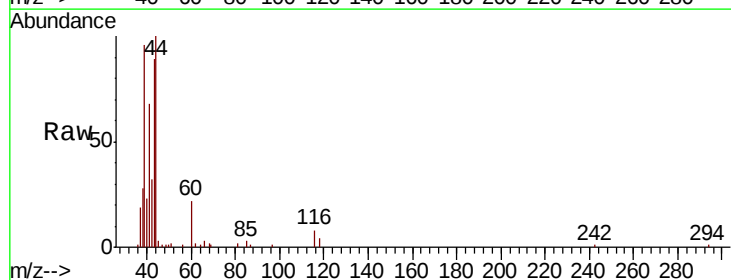
RT: 3.06 min Scan# 37

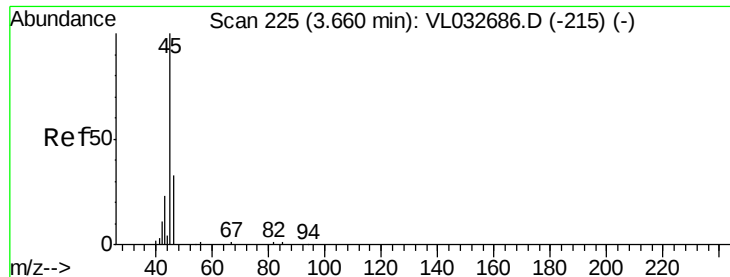
Delta R.T. 0.01 min

Lab File: VL032719.D

Acq: 7 Nov 2018 16:18

Tgt Ion:	41	Resp:	21872
Ion	Ratio	Lower	Upper
41	100		
42	209.2	55.4	83.0#





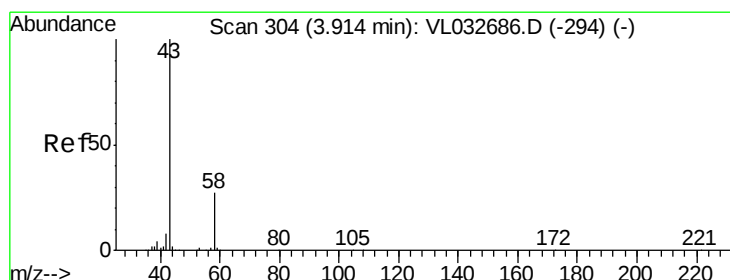
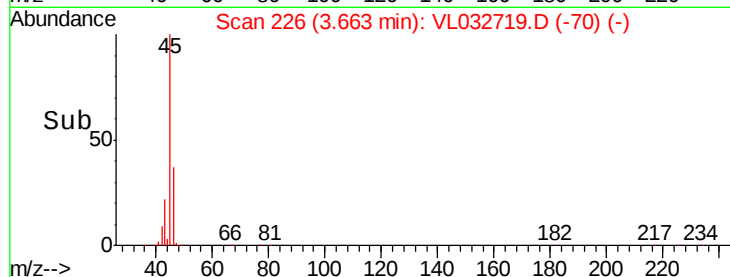
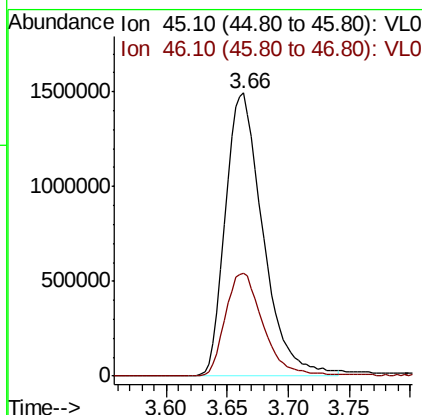
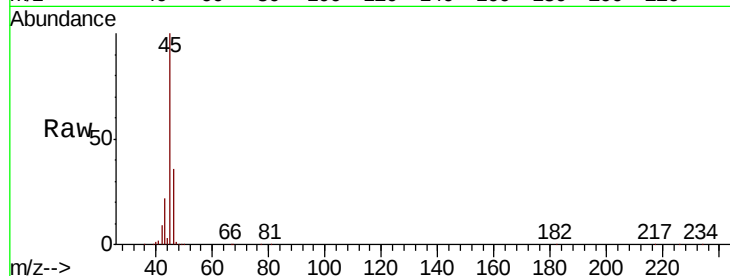
#13
Ethanol
Concen: 225.780 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.00 min
Lab File: VL032719.D
Acq: 7 Nov 2018 16:18

Instrument :
MSVOA_L
ClientSampleId :
LIHA-IA1-110118DL

Tot Ion: 45 Resp: 3224420
Ion Ratio Lower Upper
45 100
46 37.2 15.4 61.8

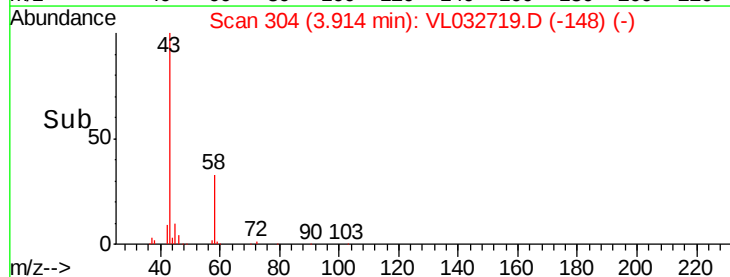
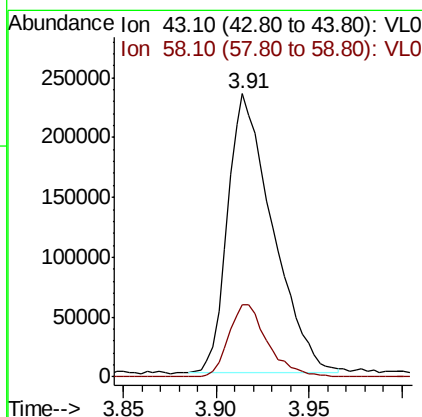
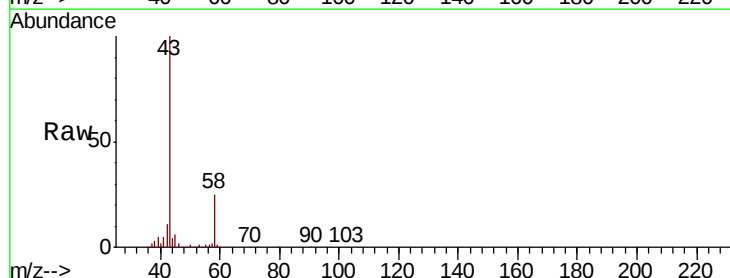
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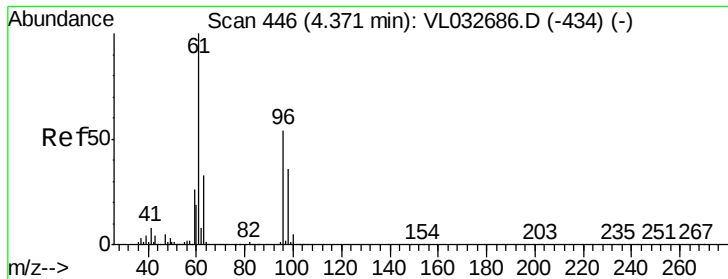
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#15
Acetone
Concen: 2.751 ppbv
RT: 3.91 min Scan# 304
Delta R.T. 0.00 min
Lab File: VL032719.D
Acq: 7 Nov 2018 16:18

Tgt Ion: 43 Resp: 394337
Ion Ratio Lower Upper
43 100
58 22.6 22.1 33.1





#17

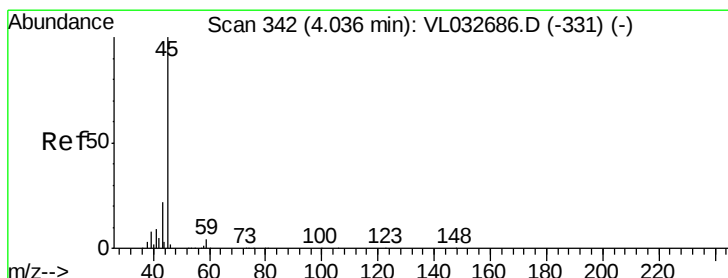
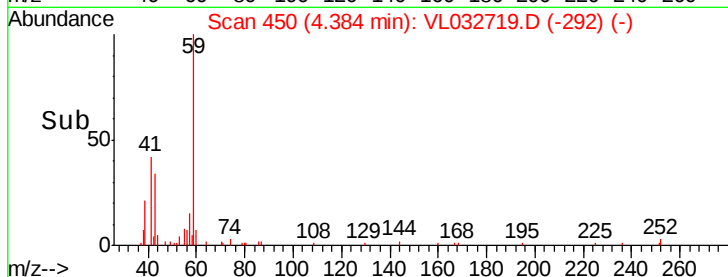
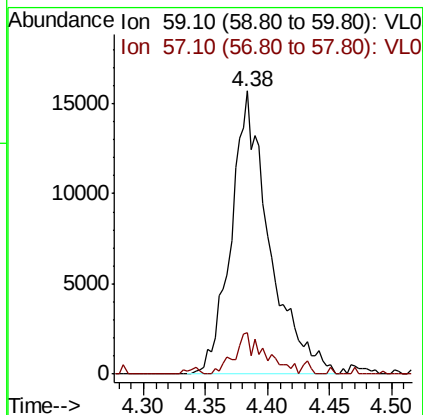
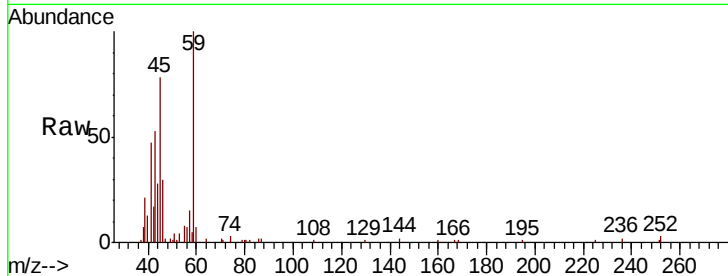
tert-Butyl alcohol
 Concen: 0.805 ppbv
 RT: 4.38 min Scan# 450
 Delta R.T. 0.01 min
 Lab File: VL032719.D
 Acq: 7 Nov 2018 16:18

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-IA1-110118DL

Tot Ion: 59 Resp: 33930
 Ion Ratio Lower Upper
 59 100
 57 12.5 0.0 0.0#

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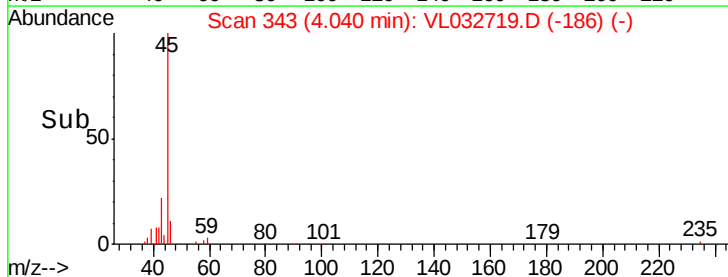
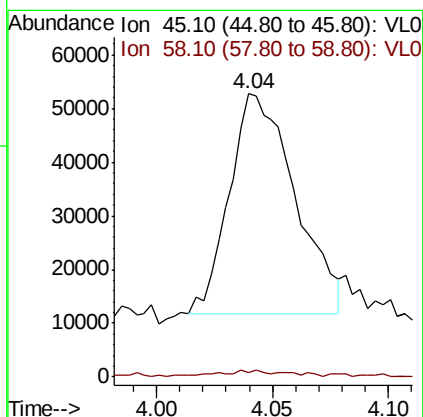
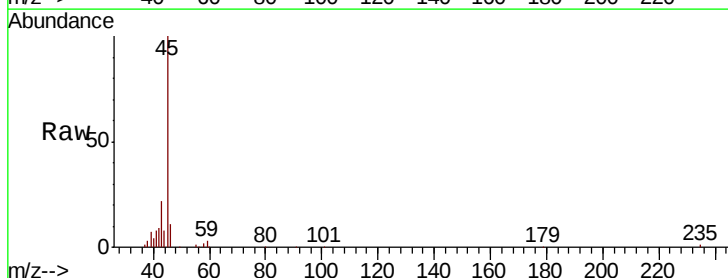
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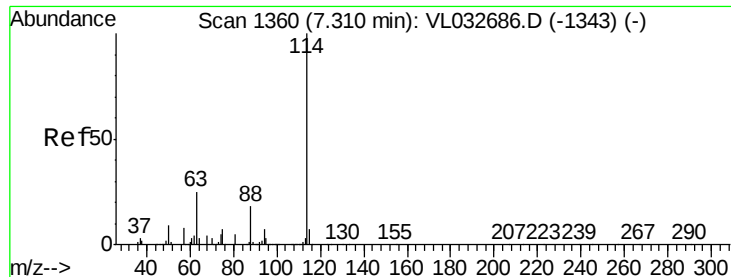


#19

Isopropyl Alcohol
 Concen: 0.786 ppbv
 RT: 4.04 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VL032719.D
 Acq: 7 Nov 2018 16:18

Tgt Ion: 45 Resp: 80226
 Ion Ratio Lower Upper
 45 100
 58 3.7 2.0 3.0#





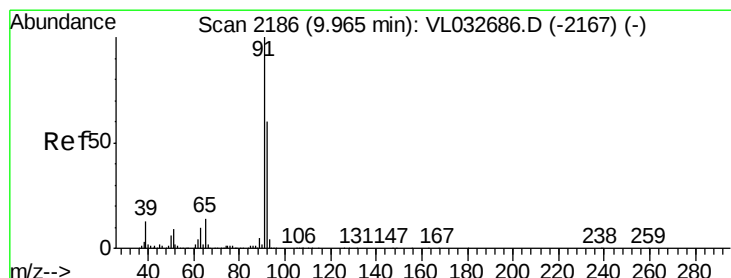
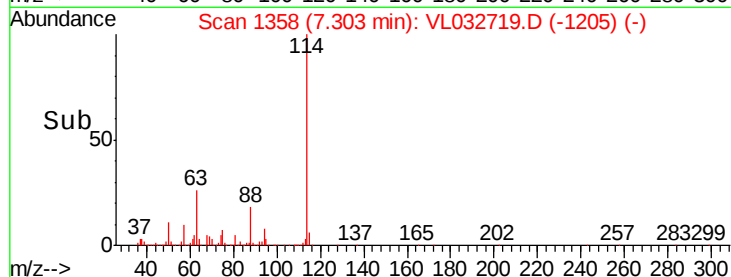
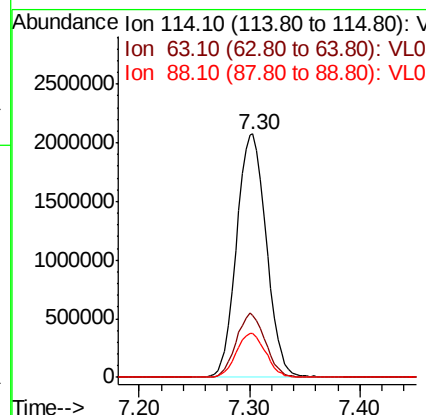
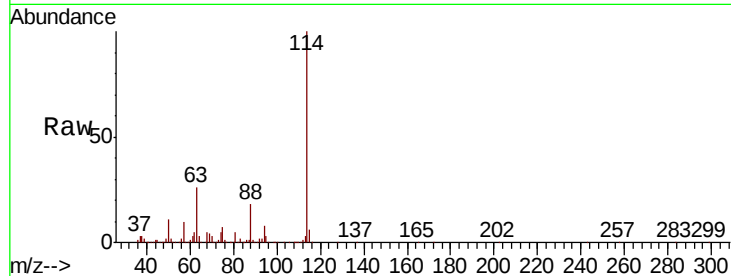
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VL032719.D
Acq: 7 Nov 2018 16:18

Instrument :
MSVOA_L
ClientSampleId :
LIHA-IA1-110118DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.8	21.7	32.5
88	18.0	14.9	22.3

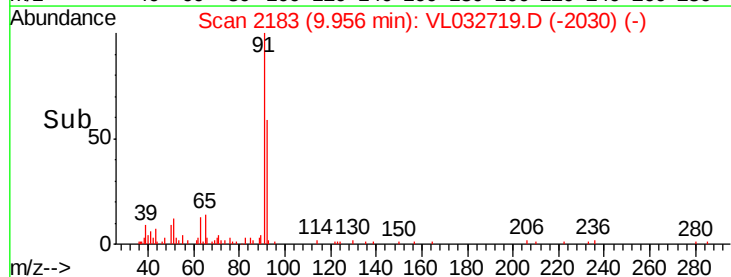
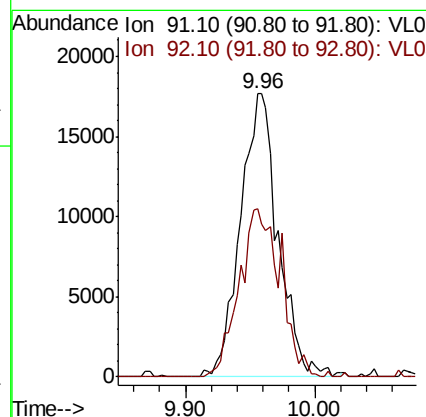
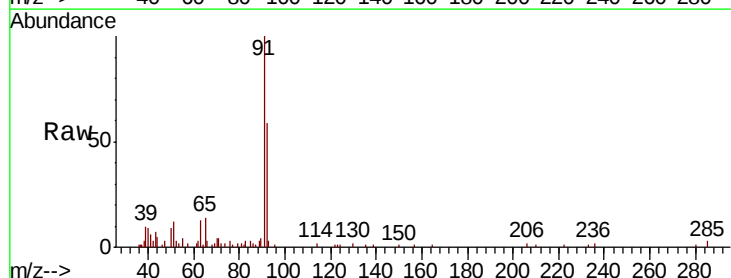
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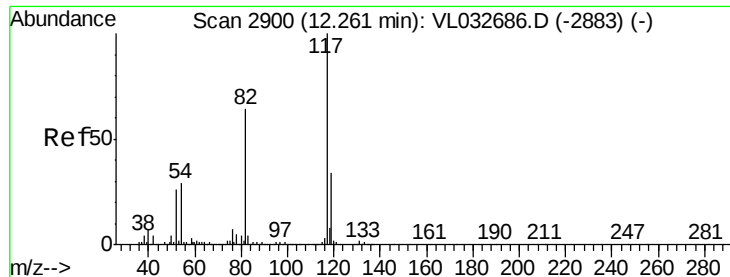
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#53
Toluene
Concen: 0.099 ppbv m
RT: 9.96 min Scan# 2183
Delta R.T. -0.01 min
Lab File: VL032719.D
Acq: 7 Nov 2018 16:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.4	72.6#





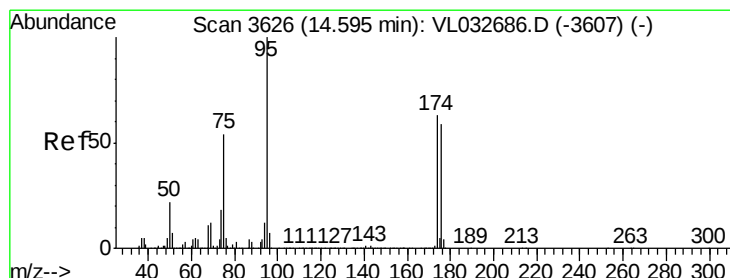
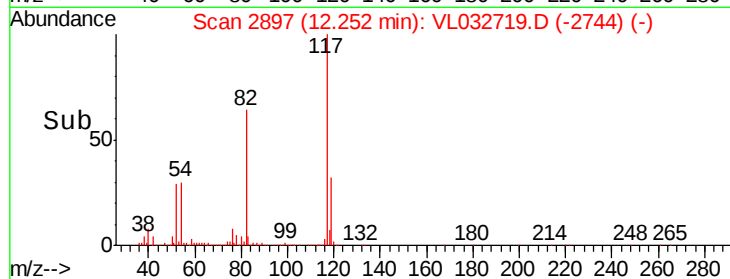
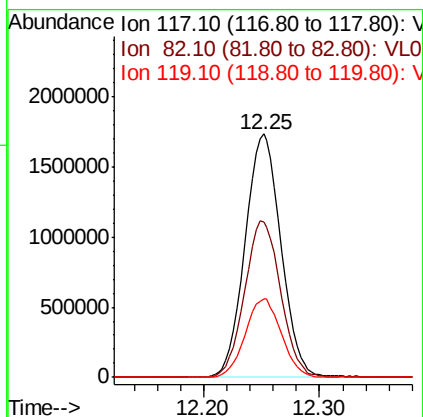
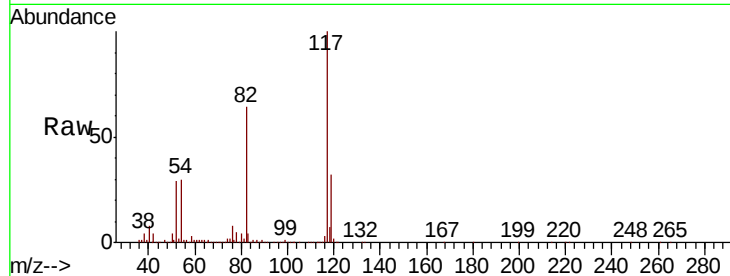
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL032719.D
Acq: 7 Nov 2018 16:18

Instrument :
MSVOA_L
ClientSampleId :
LIHA-IA1-110118DL

Tot Ion:117 Resp: 3742509
Ion Ratio Lower Upper
117 100
82 64.8 52.7 79.1
119 32.6 26.7 40.1

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.297 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL032719.D
Acq: 7 Nov 2018 16:18

Tgt Ion: 95 Resp: 2869414
Ion Ratio Lower Upper
95 100
174 63.6 46.0 69.0
175 4.9 3.4 5.0

