

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031519\
 Data File : VL033344.D
 Acq On : 15 Mar 2019 23:42
 Operator : SY/AP
 Sample : K1827-06DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-6DL

Manual Integrations
 APPROVED

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 3/19/2019 10:01:17 AM

Quant Time: Mar 16 06:31:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 16 06:31:31 2019
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	762687	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1729501	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	1899050	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1449780	10.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.02	51	24133m	0.276	ppbv	
13) Ethanol	3.65	45	220395	11.831	ppbv	96
15) Acetone	3.91	43	63814	0.538	ppbv	95
19) Isopropyl Alcohol	4.04	45	63931	1.134	ppbv #	93
26) Hexane	5.79	57	9982	0.130	ppbv #	85
53) Toluene	9.95	91	152981	0.870	ppbv	98

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

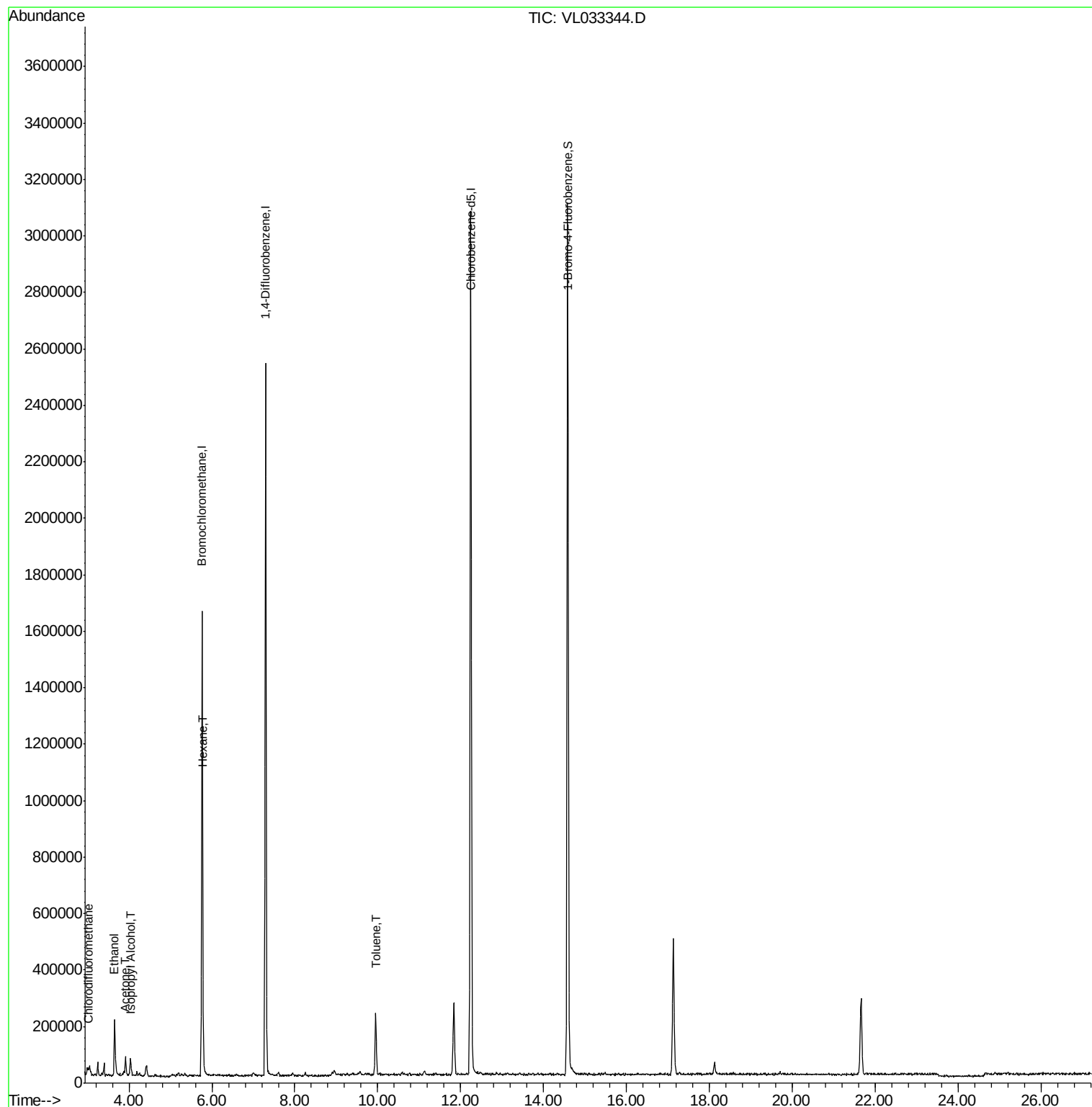
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031519\
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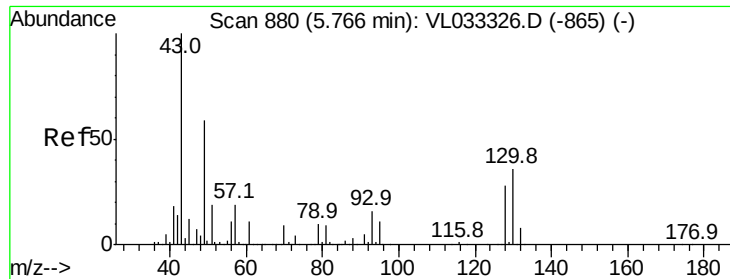
Instrument :
MSVOA_L
ClientSampleId :
A-6DL

Quant Time: Mar 16 06:31:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.00 min

Lab File: VL033344.D

Acq: 15 Mar 2019 23:42

Instrument :

MSVOA_L

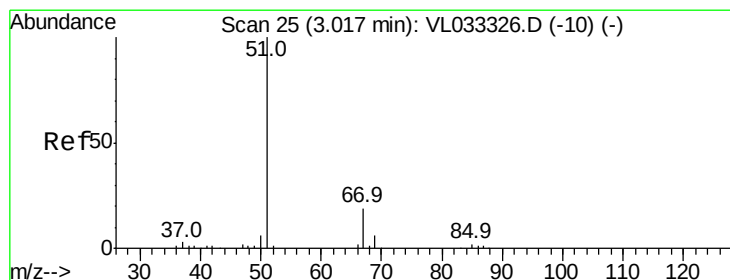
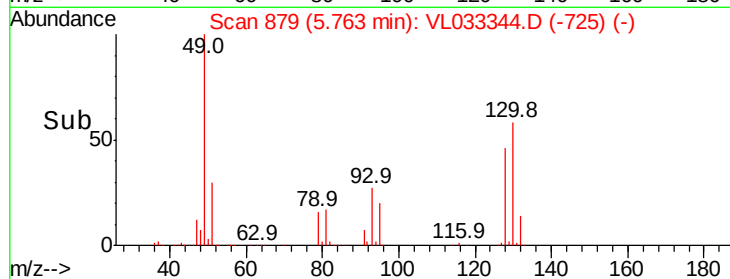
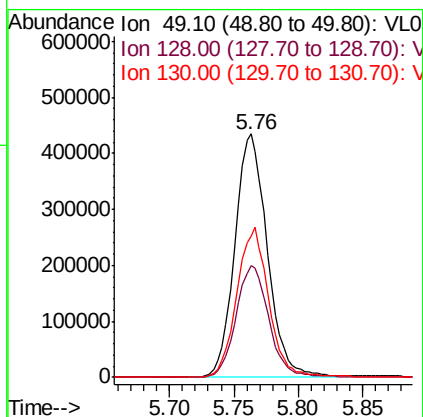
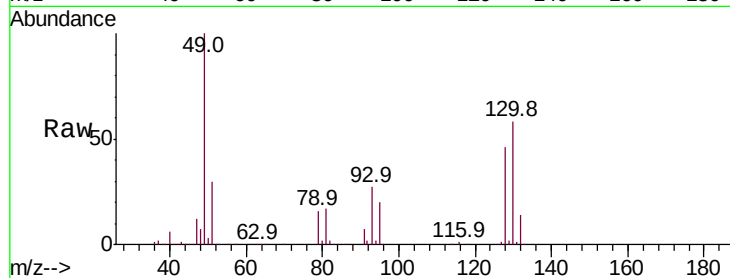
ClientSampled :

A-6DL

Tot Ion:	49	Resp:	762687
Ion Ratio	Lower	Upper	
49	100		
128	46.7	23.5	70.6
130	60.6	30.1	90.3

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#3

Chlorodifluoromethane

Concen: 0.276 ppbv m

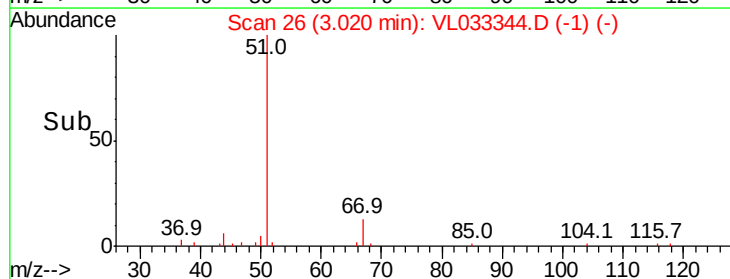
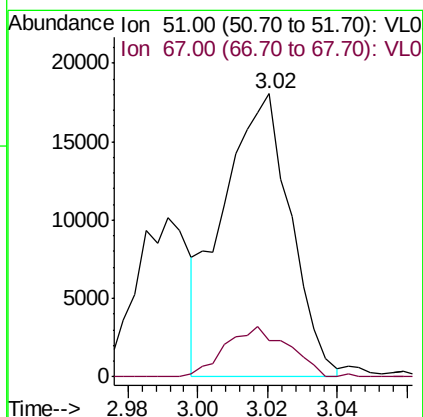
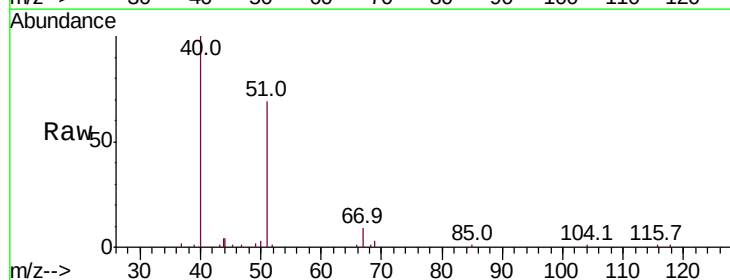
RT: 3.02 min Scan# 26

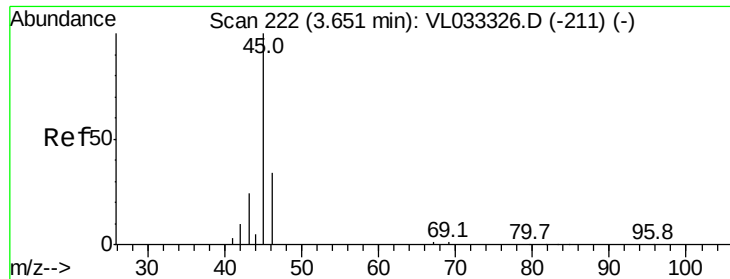
Delta R.T. 0.00 min

Lab File: VL033344.D

Acq: 15 Mar 2019 23:42

Tgt Ion:	51	Resp:	24133
Ion Ratio	Lower	Upper	
51	100		
67	16.8	14.9	22.3





#13

Ethanol

Concen: 11.831 ppbv

RT: 3.65 min Scan# 222

Delta R.T. -0.00 min

Lab File: VL033344.D

Acq: 15 Mar 2019 23:42

Instrument :

MSVOA_L

ClientSampleId :

A-6DL

Tot Ion: 45 Resp: 220395

Ion Ratio Lower Upper

45 100

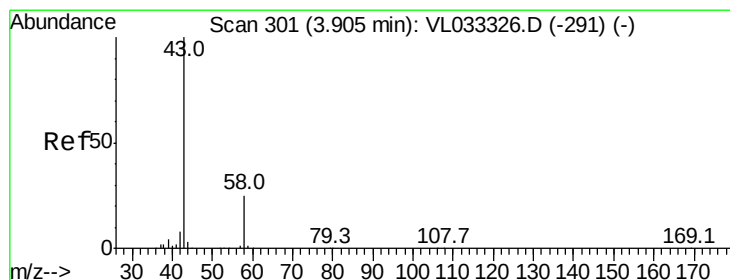
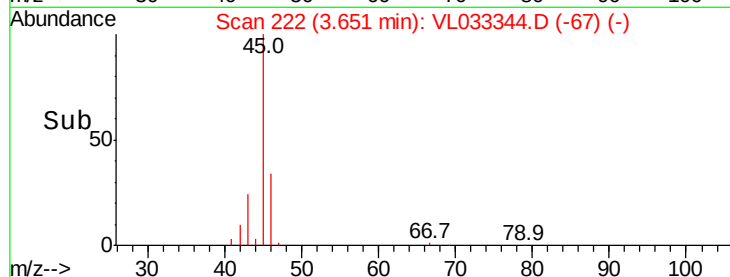
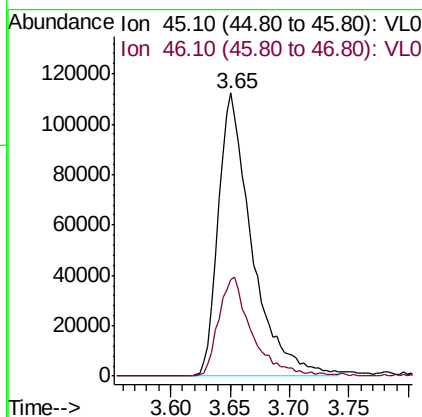
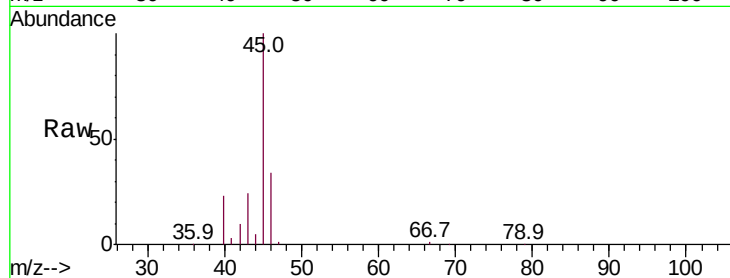
46 35.2 14.9 59.7

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#15

Acetone

Concen: 0.538 ppbv

RT: 3.91 min Scan# 303

Delta R.T. 0.01 min

Lab File: VL033344.D

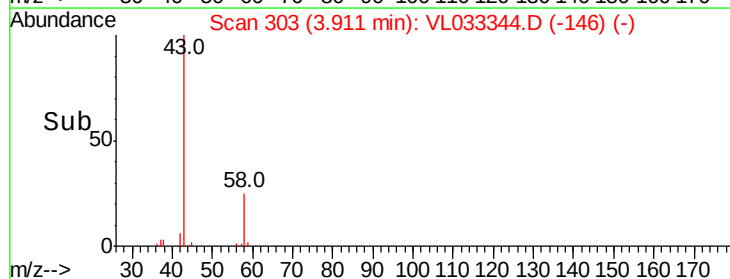
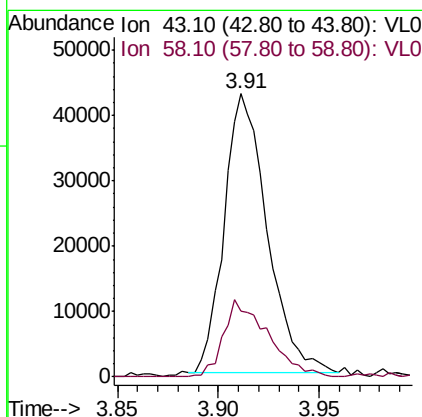
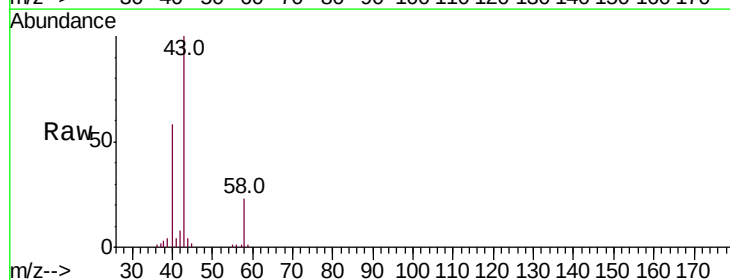
Acq: 15 Mar 2019 23:42

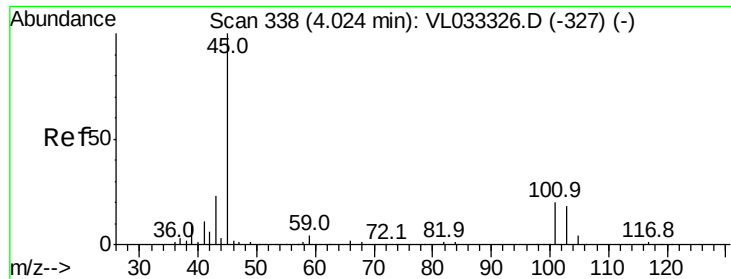
Tgt Ion: 43 Resp: 63814

Ion Ratio Lower Upper

43 100

58 28.3 20.4 30.6





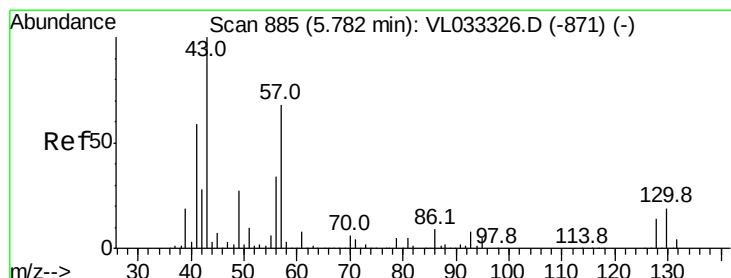
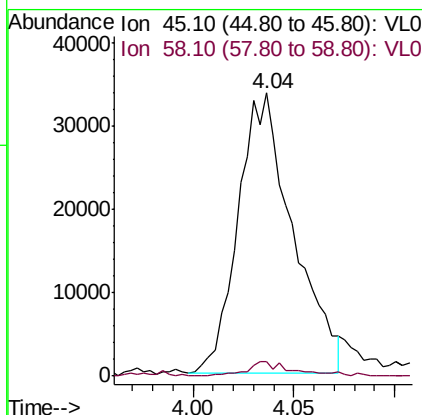
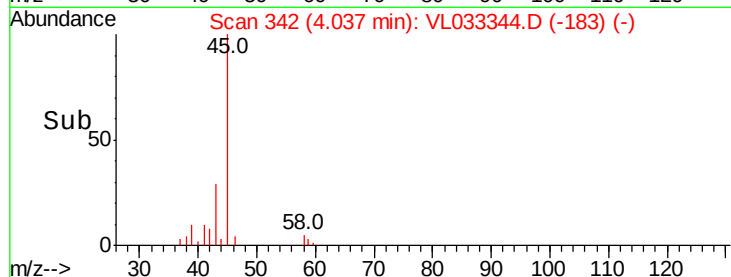
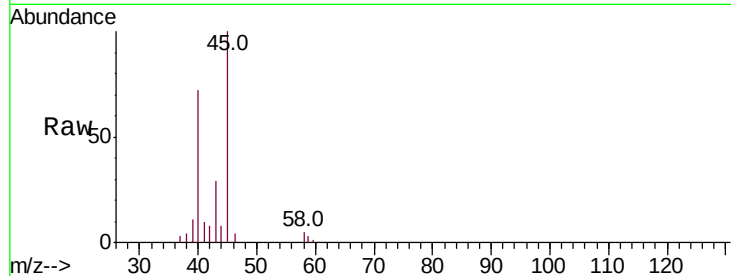
#19
Isopropyl Alcohol
Concen: 1.134 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.01 min
Lab File: VL033344.D
Acq: 15 Mar 2019 23:42

Instrument :
MSVOA_L
ClientSampleId :
A-6DL

Tot Ion: 45 Resp: 63931
Ion Ratio Lower Upper
45 100
58 4.5 1.5 2.3#

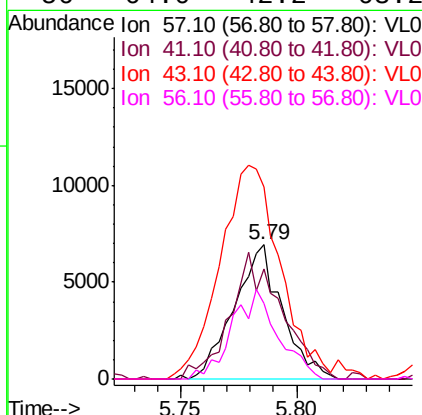
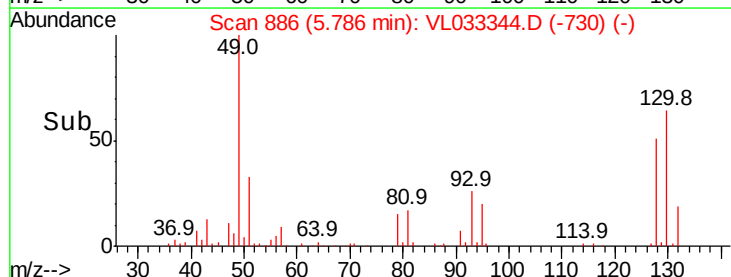
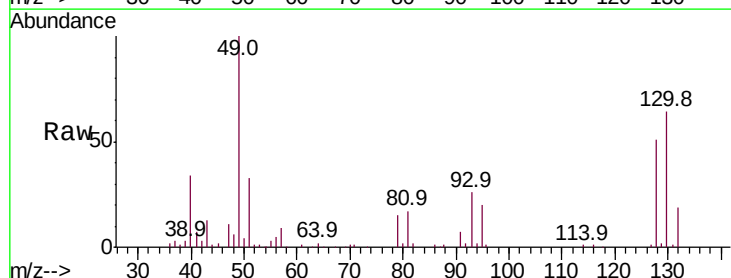
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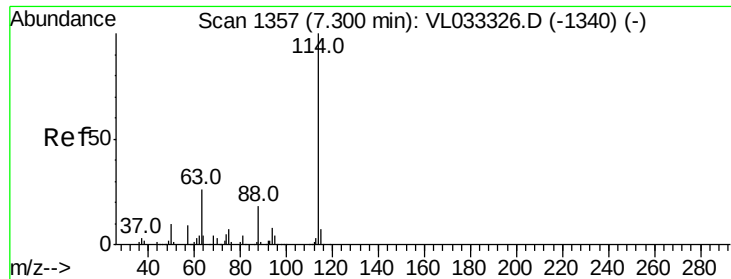
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#26
Hexane
Concen: 0.130 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.00 min
Lab File: VL033344.D
Acq: 15 Mar 2019 23:42

Tgt Ion: 57 Resp: 9982
Ion Ratio Lower Upper
57 100
41 102.8 70.5 105.7
43 202.5 181.8 272.8
56 64.0 42.2 63.2#





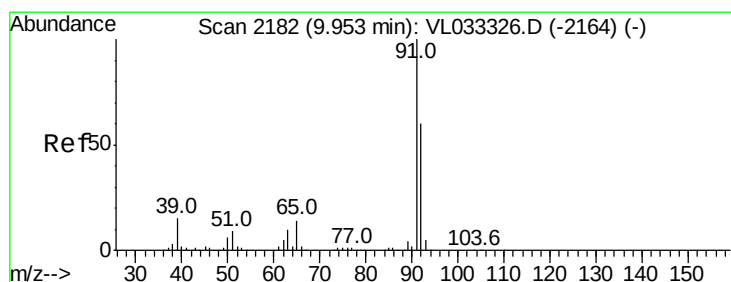
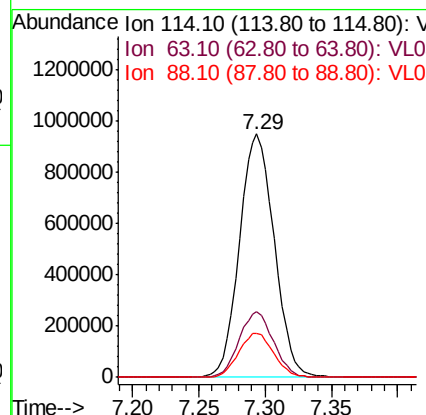
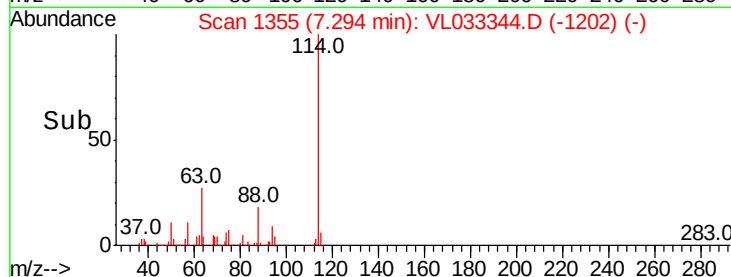
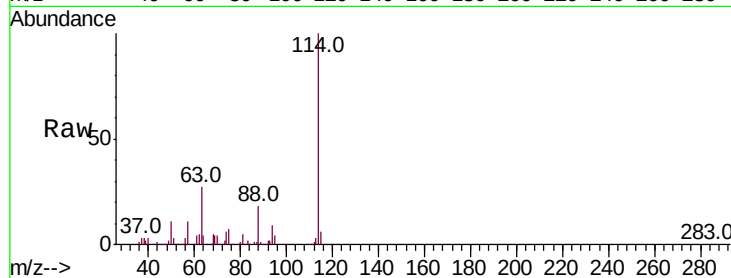
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL033344.D
Acq: 15 Mar 2019 23:42

Instrument :
MSVOA_L
ClientSampleId :
A-6DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.4	32.2
88	18.4	14.5	21.7

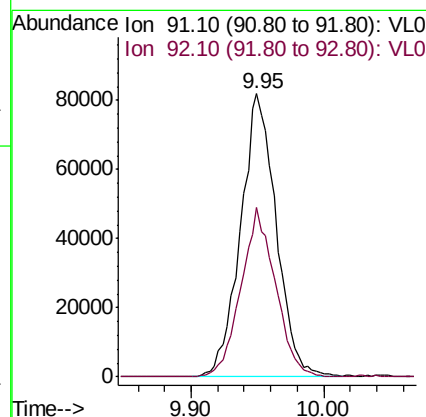
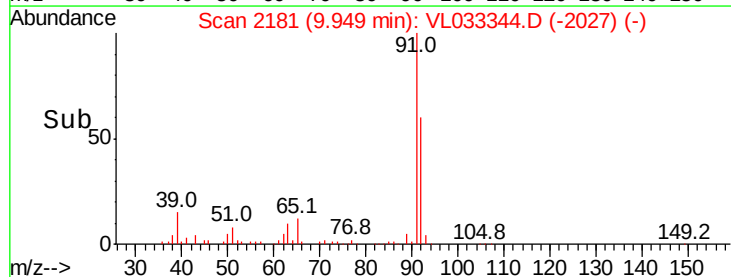
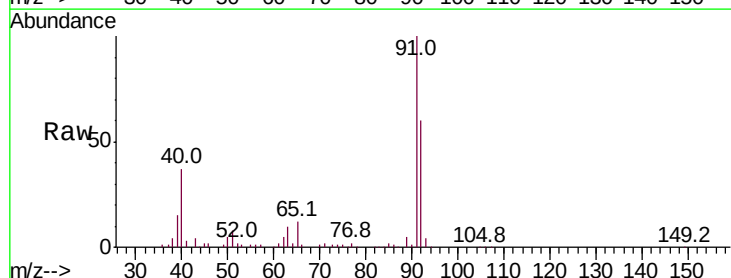
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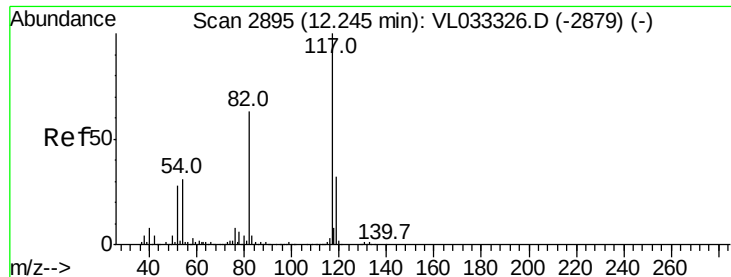
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#53
Toluene
Concen: 0.870 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VL033344.D
Acq: 15 Mar 2019 23:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.9	47.4	71.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2895

Delta R.T. -0.00 min

Lab File: VL033344.D

Acq: 15 Mar 2019 23:42

Instrument :

MSVOA_L

ClientSampled :

A-6DL

Tot Ion:117 Resp: 1899050

Ion Ratio Lower Upper

117 100

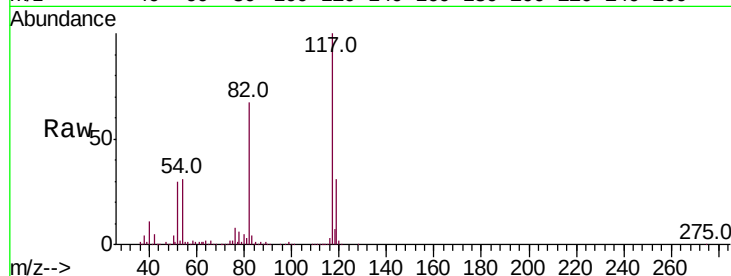
82 68.2 53.4 80.2

119 32.5 27.3 40.9

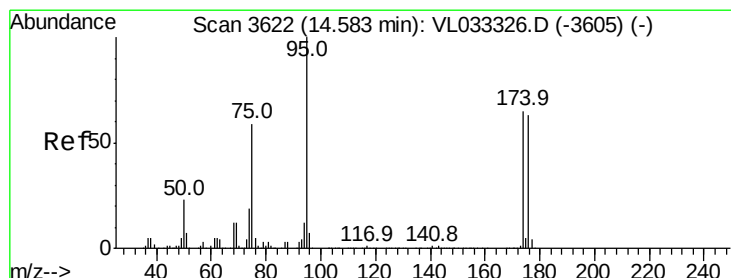
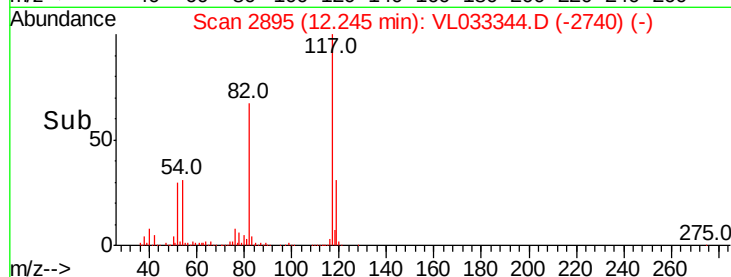
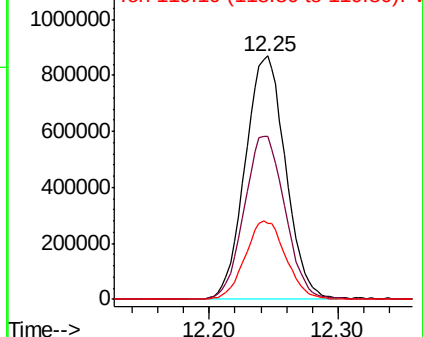
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Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.303 ppbv

RT: 14.58 min Scan# 3622

Delta R.T. -0.00 min

Lab File: VL033344.D

Acq: 15 Mar 2019 23:42

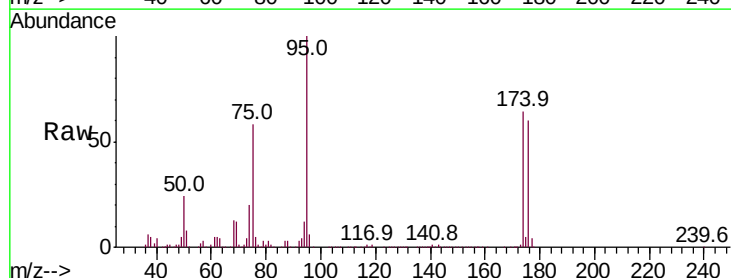
Tgt Ion: 95 Resp: 1449780

Ion Ratio Lower Upper

95 100

174 63.9 51.5 77.3

175 4.6 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

