

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032719\
 Data File : VL033482.D
 Acq On : 28 Mar 2019 00:09
 Operator : SY/AP
 Sample : K2042-15DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-5-TEACHERS-ROOMDL

Manual Integrations
 APPROVED

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 4/1/2019 1:26:00 AM

Quant Time: Mar 28 09:54:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 2
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	679368	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1561435	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1605882	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1259023	10.00	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.64	45	641249	75.445	ppbv	65
15) Acetone	3.90	43	63820	0.781	ppbv	92
19) Isopropyl Alcohol	4.02	45	153092	2.963	ppbv #	97
20) Methylene Chloride	4.41	84	11109m	0.320	ppbv	
53) Toluene	9.93	91	19640m	0.129	ppbv	

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

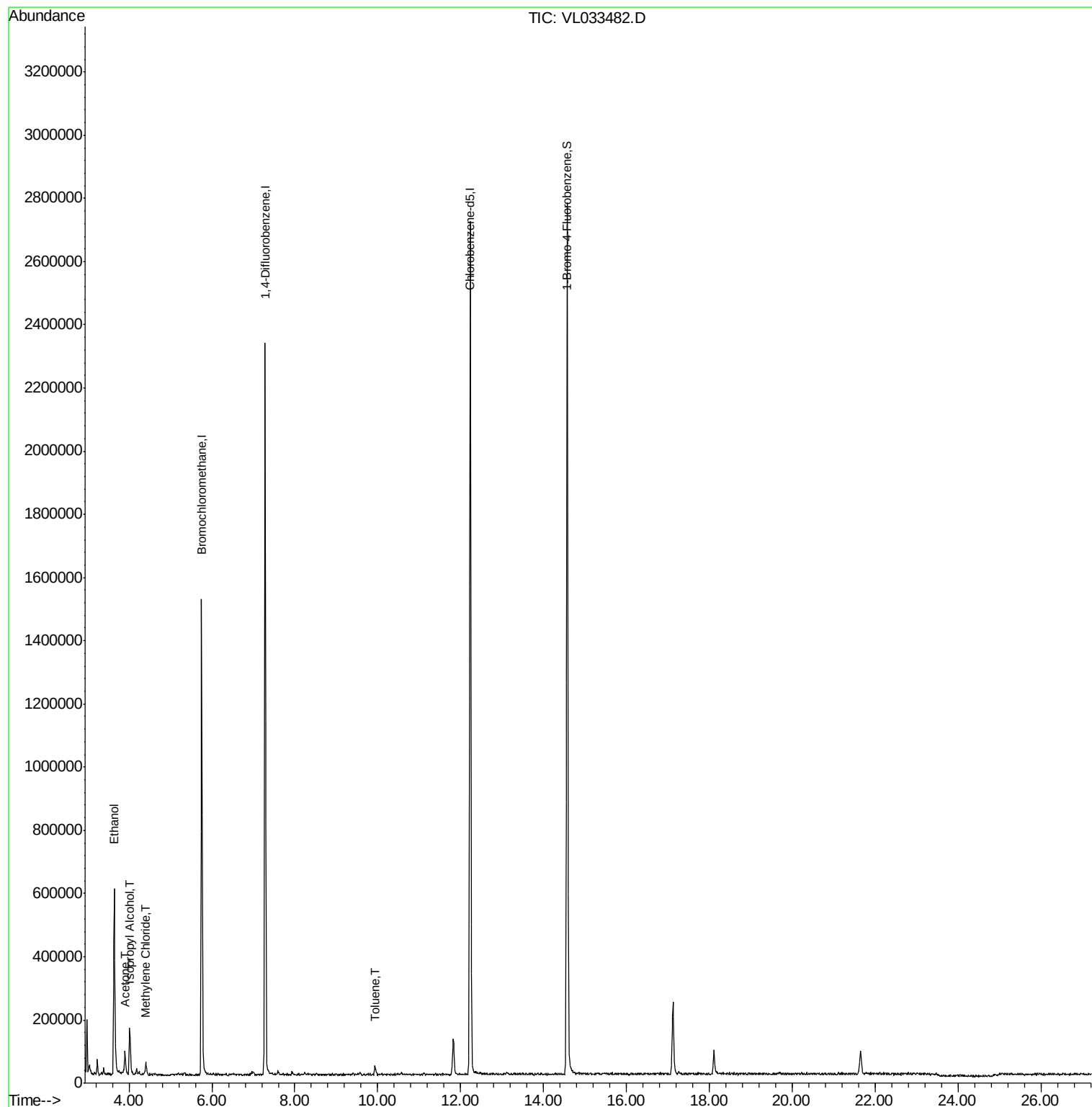
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032719\
Data File : VL033482.D
Acq On : 28 Mar 2019 00:09
Operator : SY/AP
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Misc : 400ml/MSVOA L
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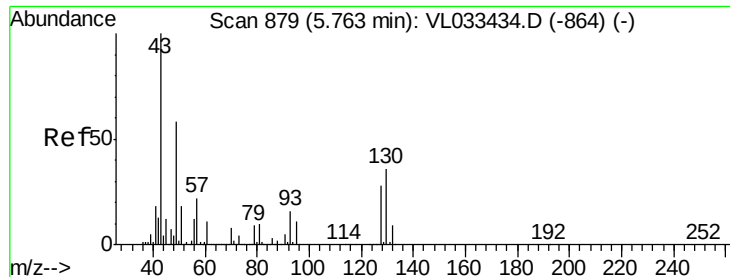
Instrument :
MSVOA_L
ClientSampleId :
IAS-5-TEACHERS-ROOMDL

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QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.01 min

Lab File: VL033482.D

Acq: 28 Mar 2019 00:09

Instrument :

MSVOA_L

ClientSampleId :

IAS-5-TEACHERS-ROOMDL

Tot Ion: 49 Resp: 679368

Ion Ratio Lower Upper

49 100

128 48.5 24.0 72.0

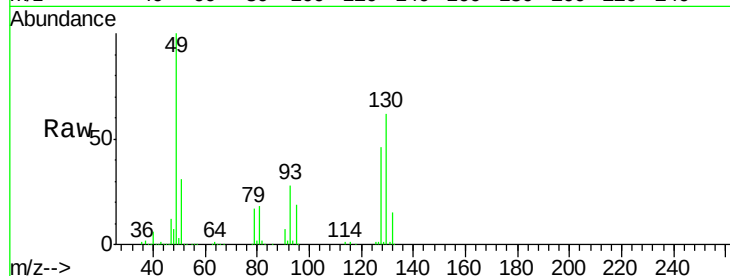
130 61.3 31.2 93.6

Manual Integrations

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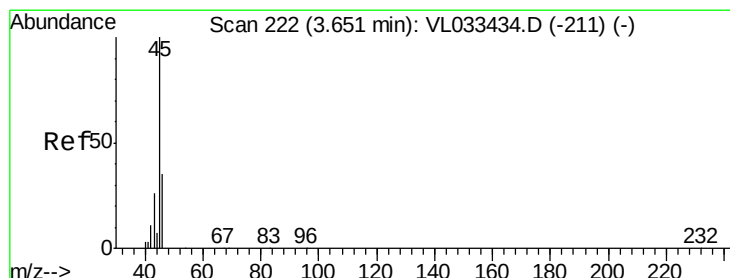
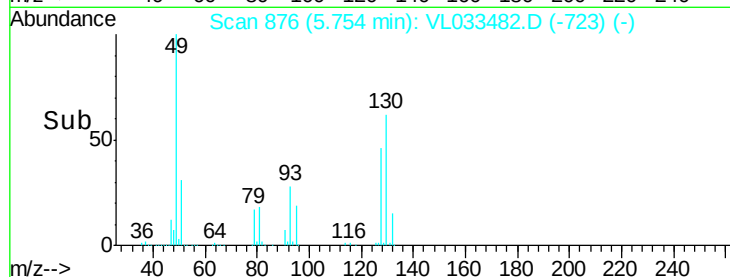
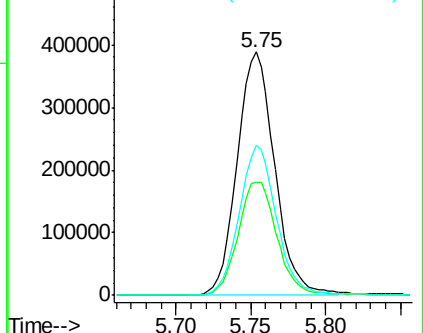
4/1/2019 1:26:00 AM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 75.445 ppbv

RT: 3.64 min Scan# 219

Delta R.T. -0.01 min

Lab File: VL033482.D

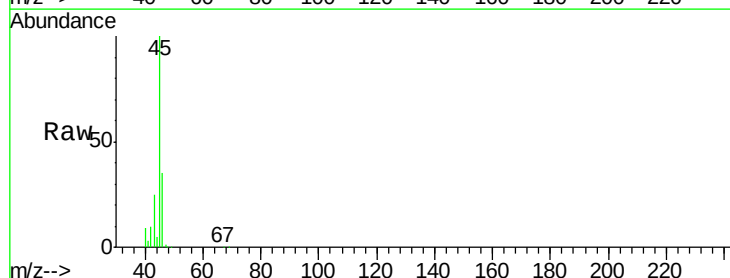
Acq: 28 Mar 2019 00:09

Tgt Ion: 45 Resp: 641249

Ion Ratio Lower Upper

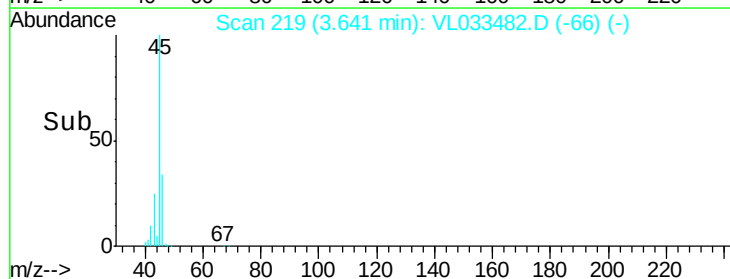
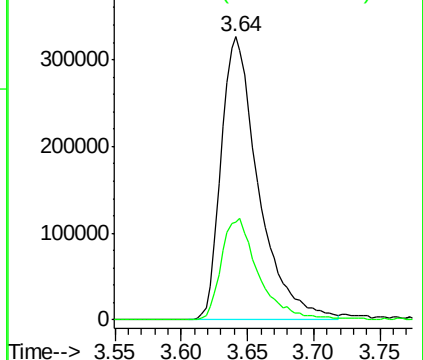
45 100

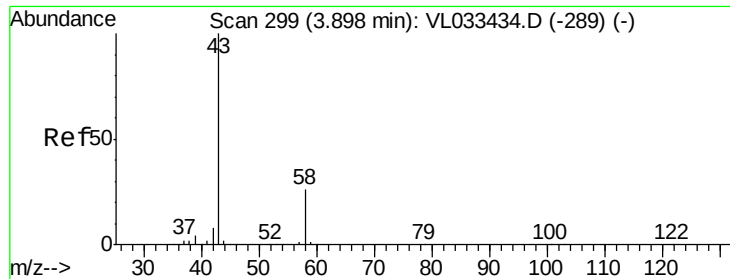
46 36.0 25.4 101.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.781 ppbv

RT: 3.90 min Scan# 301

Delta R.T. 0.01 min

Lab File: VL033482.D

Acq: 28 Mar 2019 00:09

Instrument :

MSVOA_L

ClientSampleId :

IAS-5-TEACHERS-ROOMDL

Tot Ion: 43 Resp: 63820

Ion Ratio Lower Upper

43 100

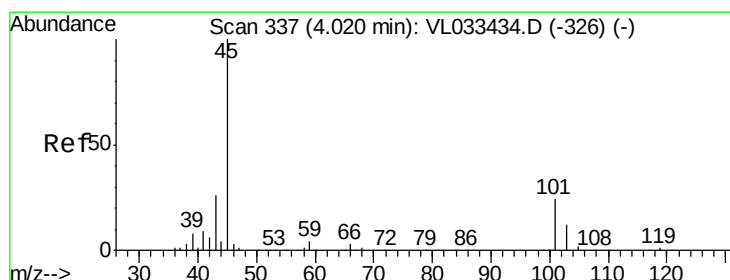
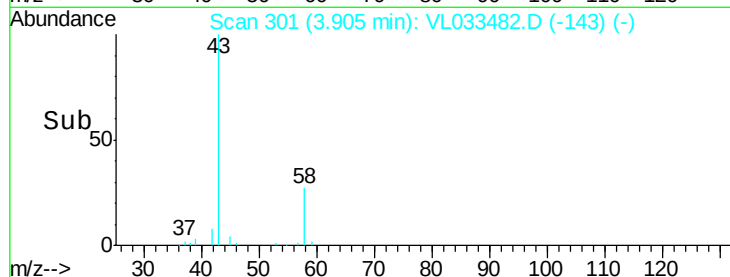
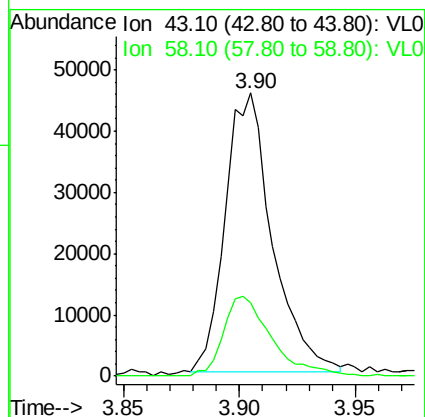
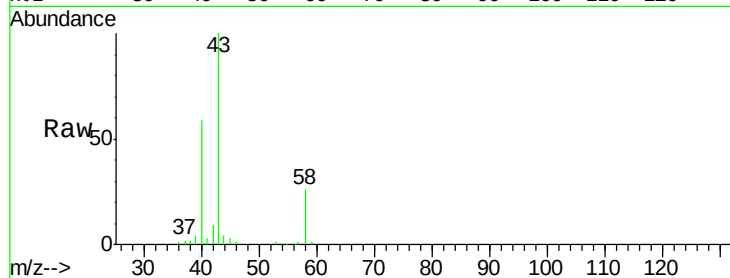
58 29.9 20.5 30.7

Manual Integrations

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#19

Isopropyl Alcohol

Concen: 2.963 ppbv

RT: 4.02 min Scan# 336

Delta R.T. -0.00 min

Lab File: VL033482.D

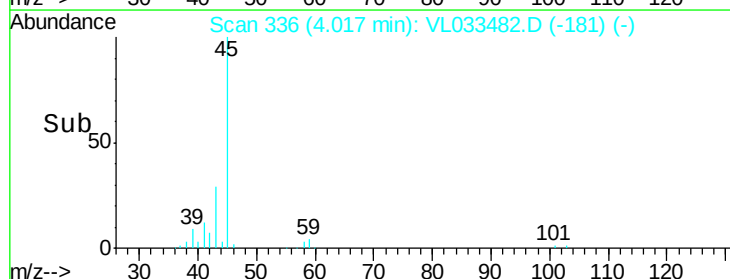
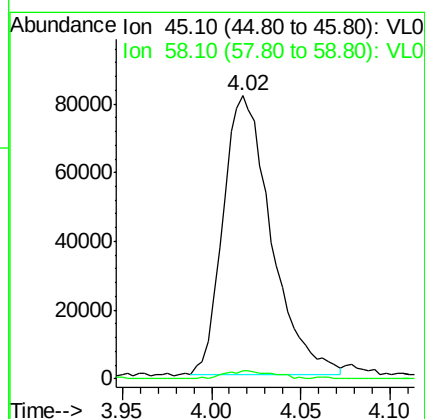
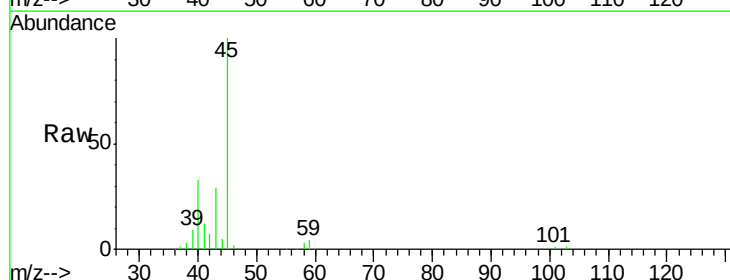
Acq: 28 Mar 2019 00:09

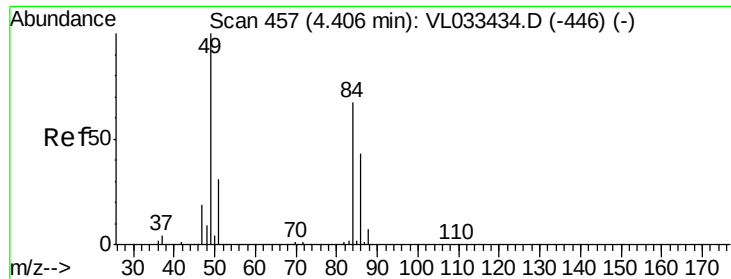
Tgt Ion: 45 Resp: 153092

Ion Ratio Lower Upper

45 100

58 3.0 1.4 2.2#





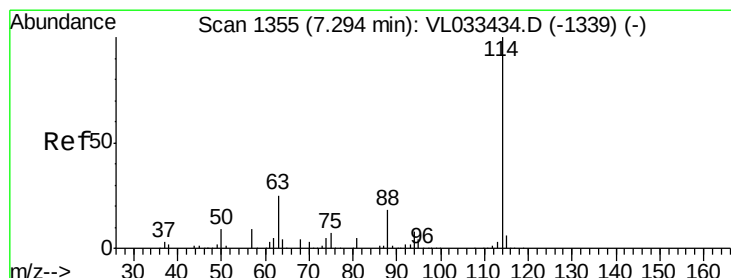
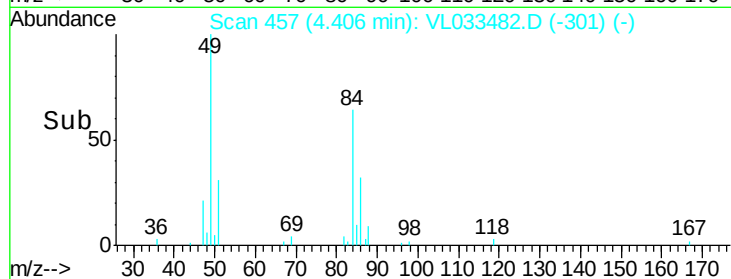
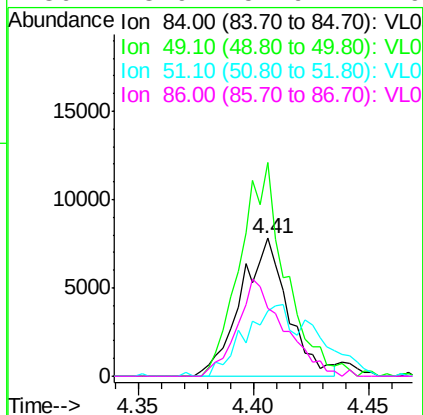
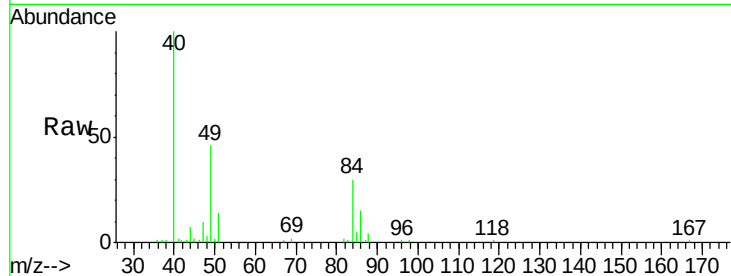
#20
Methvlene Chloride
Concen: 0.320 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL033482.D
Acq: 28 Mar 2019 00:09

Instrument :
MSVOA_L
ClientSampleId :
IAS-5-TEACHERS-ROOMDL

Tot Ion	Ratio	Lower	Upper
84	100		
49	155.1	120.0	180.0
51	47.9	36.7	55.1
86	48.9	51.9	77.9

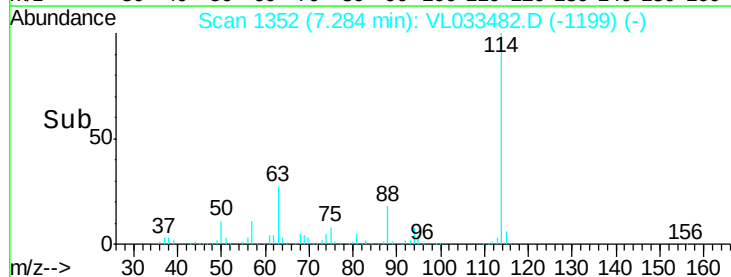
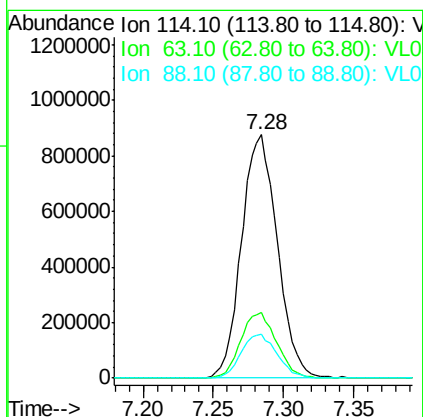
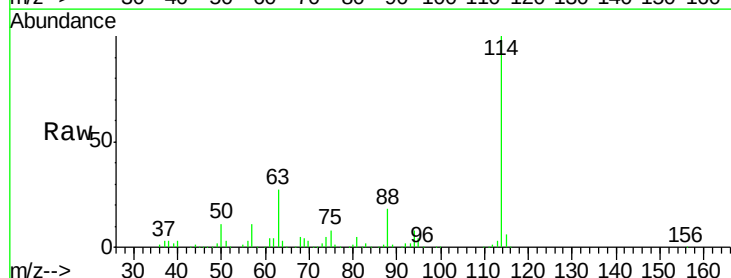
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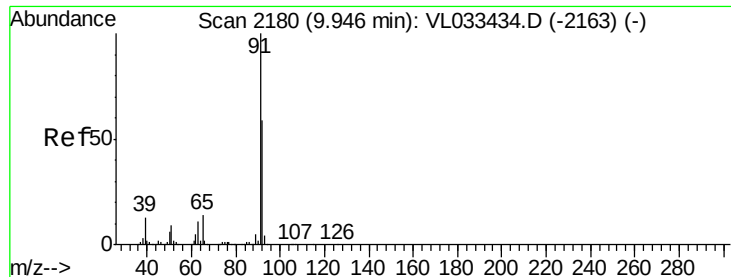
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033482.D
Acq: 28 Mar 2019 00:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.0	21.5	32.3
88	18.3	14.5	21.7





#53

Toluene

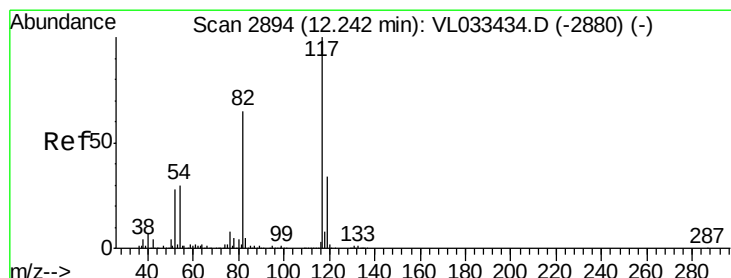
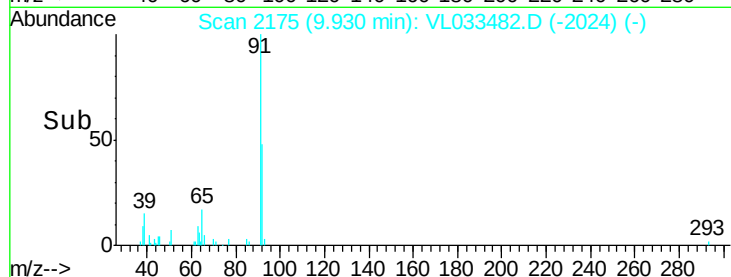
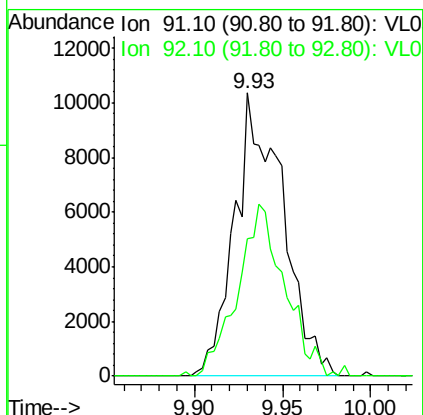
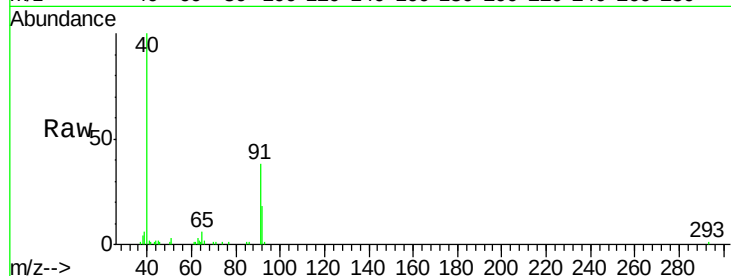
Concen: 0.129 ppbv m
RT: 9.93 min Scan# 2175
Delta R.T. -0.02 min
Lab File: VL033482.D
Acq: 28 Mar 2019 00:09

Instrument :
MSVOA_L
ClientSampleId :
IAS-5-TEACHERS-ROOMDL

Tot Ion: 91 Resp: 19640
Ion Ratio Lower Upper
91 100
92 0.0 47.4 71.0#

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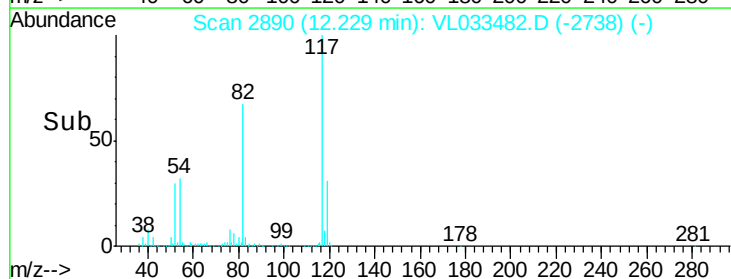
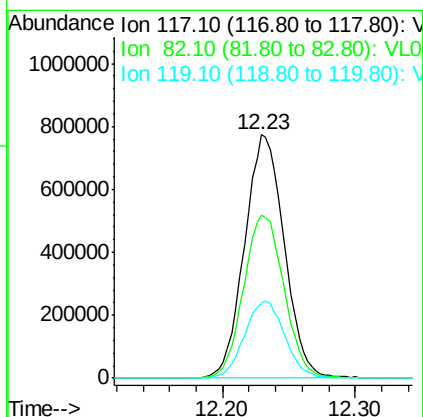
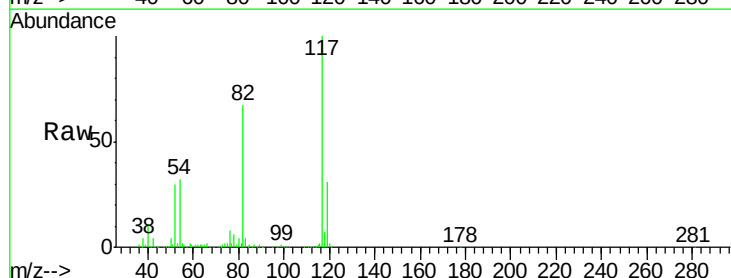


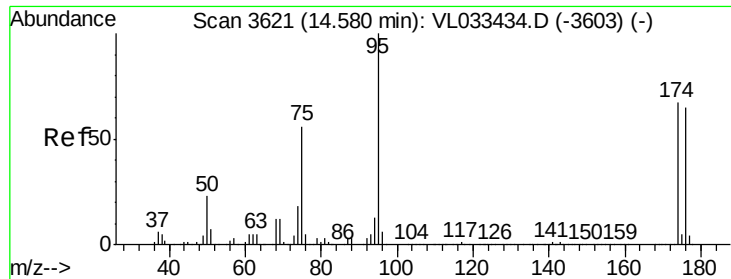
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033482.D
Acq: 28 Mar 2019 00:09

Tgt Ion: 117 Resp: 1605882
Ion Ratio Lower Upper
117 100
82 68.8 51.5 77.3
119 32.2 25.5 38.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.001 ppbv
 RT: 14.57 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL033482.D
 Acq: 28 Mar 2019 00:09

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-5-TEACHERS-ROOMDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.9	52.9	79.3
175	4.7	3.8	5.6

Manual Integrations
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 4/1/2019 1:26:00 AM

