

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033817.D
 Acq On : 29 May 2019 00:32
 Operator : SY/AP
 Sample : K2960-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3004-04DL

Manual Integrations
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 5/29/2019 12:40:51 PM

Quant Time: May 29 06:36:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	739514	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1877012	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1696730	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1478179	10.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	7192	0.200	ppbv	# 81
13) Ethanol	3.66	45	10383m	0.892	ppbv	
15) Acetone	3.90	43	60872	0.593	ppbv	98
30) Cyclohexane	7.27	84	8344m	0.128	ppbv	
53) Toluene	9.94	91	25251m	0.137	ppbv	

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

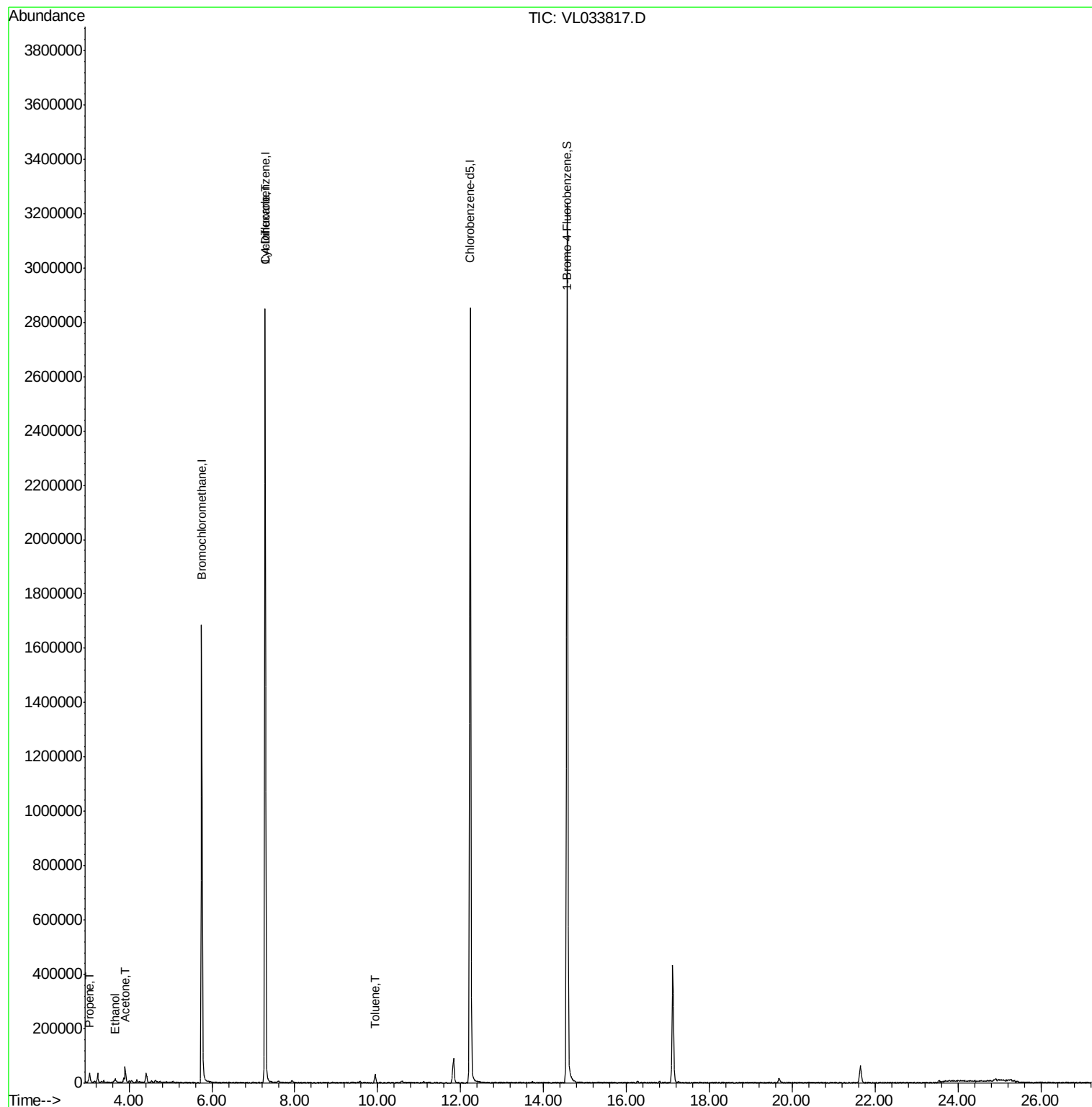
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052819\
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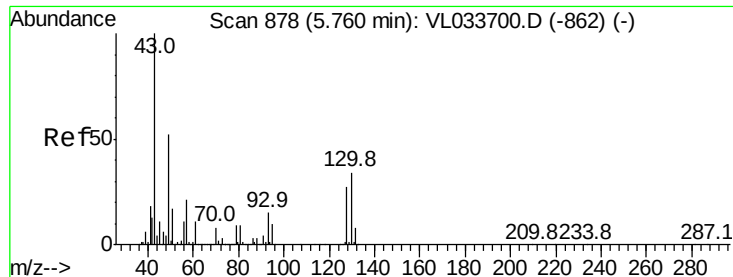
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
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QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.01 min

Lab File: VL033817.D

Acq: 29 May 2019 00:32

Instrument :

MSVOA_L

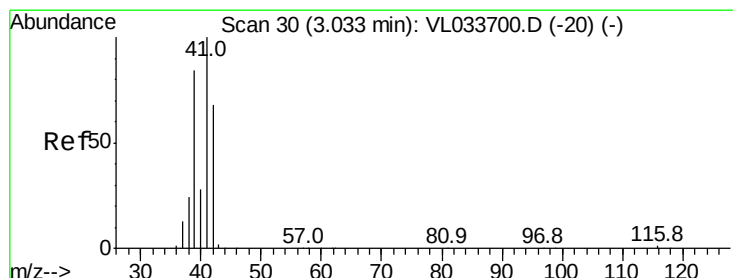
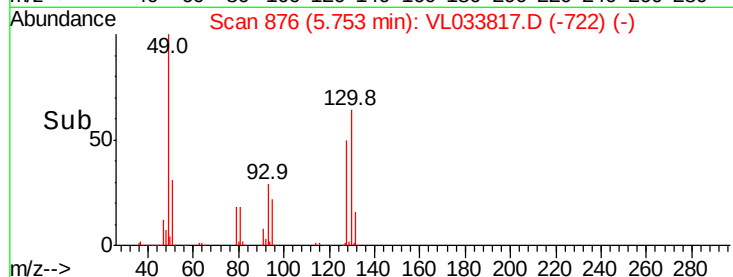
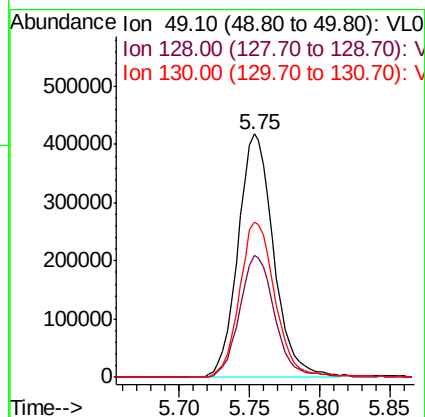
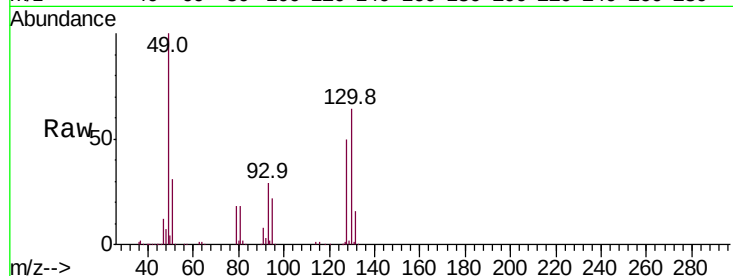
ClientSampleId :

BPS1-ODA-3004-04DL

Tot Ion:	49	Resp:	739514
Ion Ratio	Lower	Upper	
49	100		
128	50.0	25.2	75.6
130	64.4	32.5	97.5

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#9

Propene

Concen: 0.200 ppbv

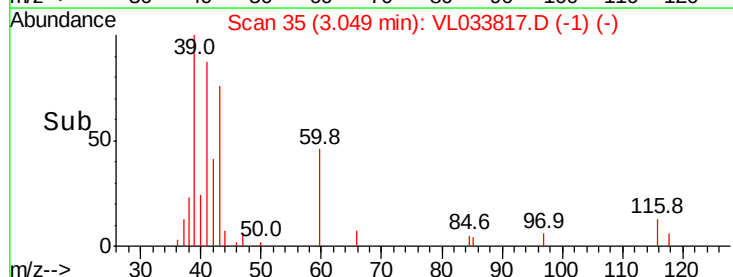
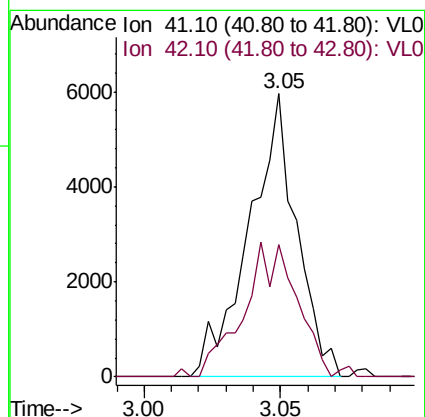
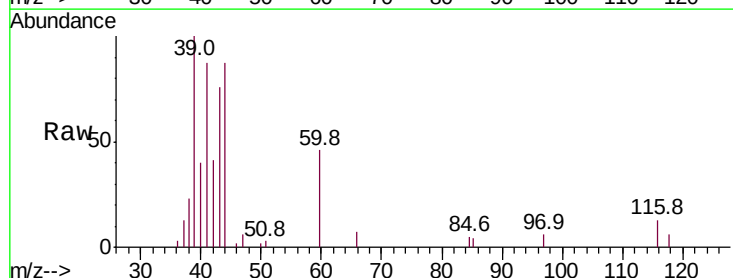
RT: 3.05 min Scan# 35

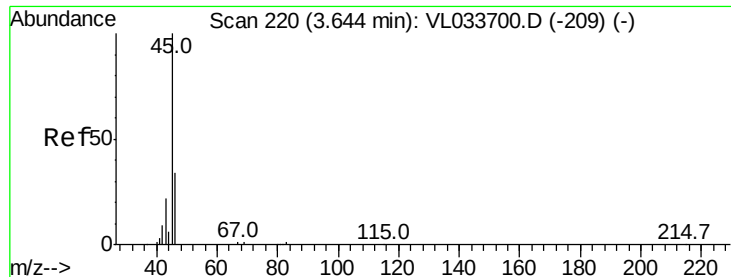
Delta R.T. 0.02 min

Lab File: VL033817.D

Acq: 29 May 2019 00:32

Tgt Ion:	41	Resp:	7192
Ion Ratio	Lower	Upper	
41	100		
42	54.5	56.1	84.1#





#13

Ethanol

Concen: 0.892 ppbv m

RT: 3.66 min Scan# 226

Delta R.T. 0.02 min

Lab File: VL033817.D

Acq: 29 May 2019 00:32

Instrument :

MSVOA_L

ClientSampleId :

BPS1-ODA-3004-04DL

Tot Ion: 45 Resp: 10383

Ion Ratio Lower Upper

45 100

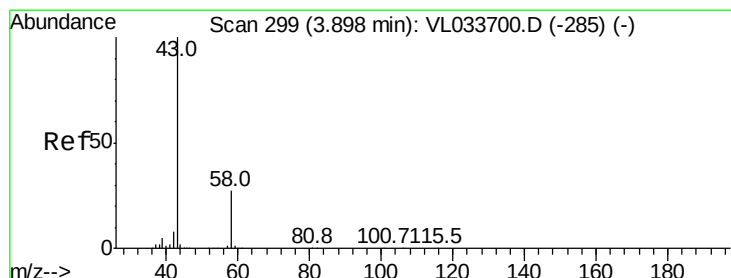
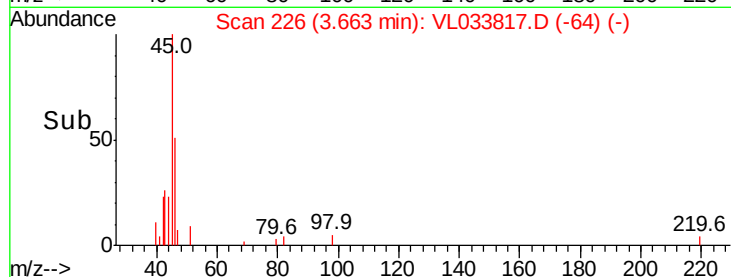
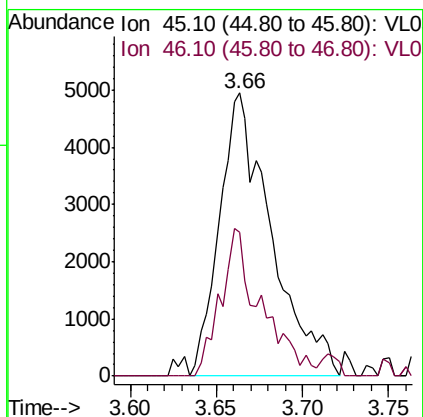
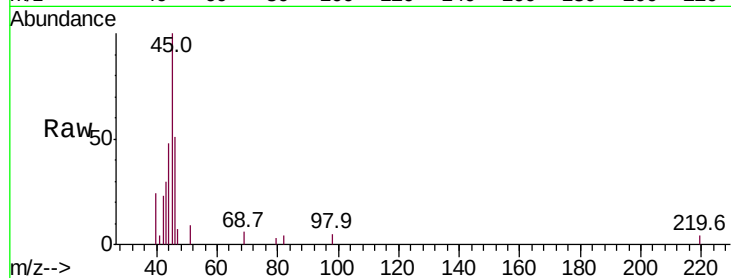
46 0.0 14.8 59.0#

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#15

Acetone

Concen: 0.593 ppbv

RT: 3.90 min Scan# 301

Delta R.T. 0.01 min

Lab File: VL033817.D

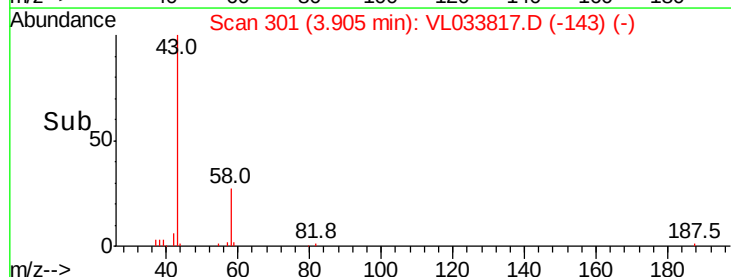
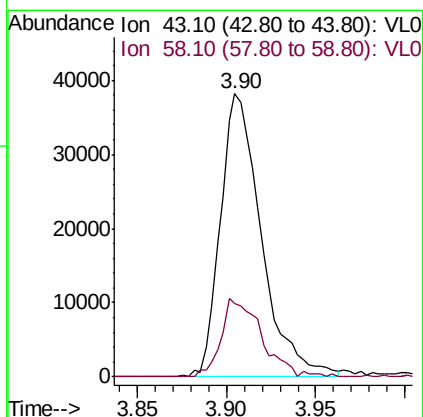
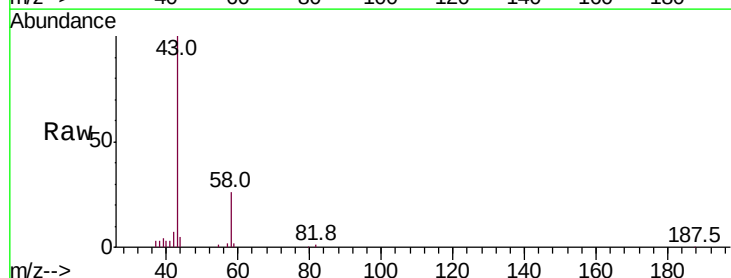
Acq: 29 May 2019 00:32

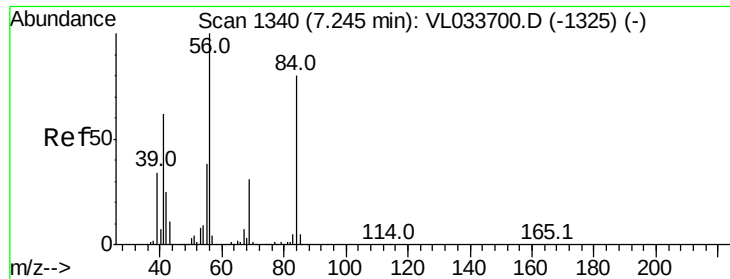
Tgt Ion: 43 Resp: 60872

Ion Ratio Lower Upper

43 100

58 27.4 21.3 31.9





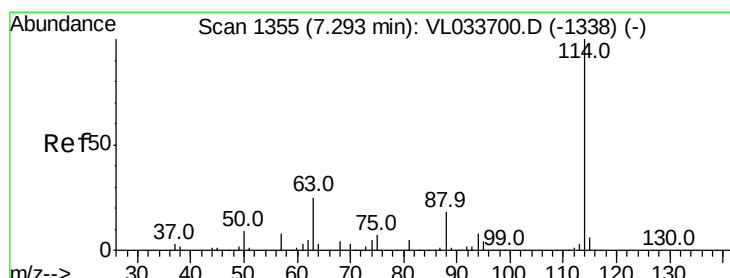
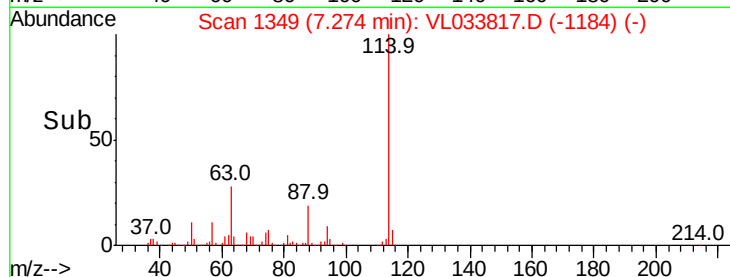
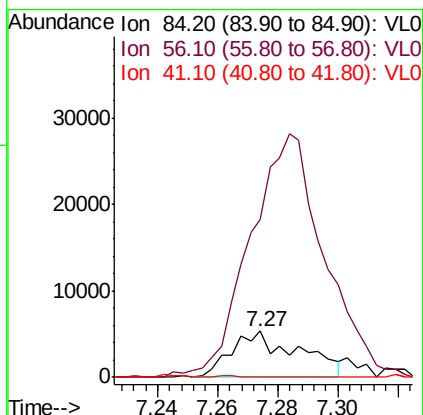
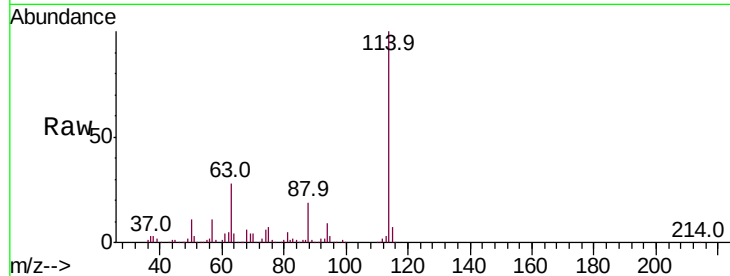
#30
Cyclohexane
Concen: 0.128 ppbv m
RT: 7.27 min Scan# 1349
Delta R.T. 0.03 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3004-04DL

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	2.4	66.0	99.0#

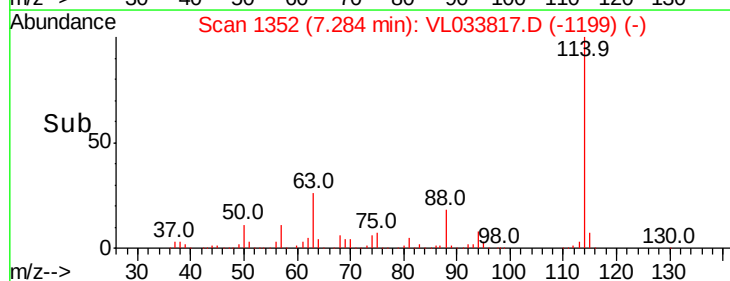
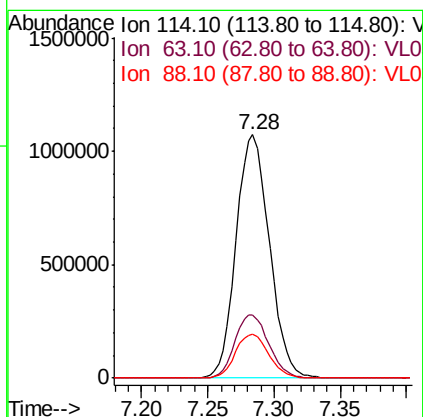
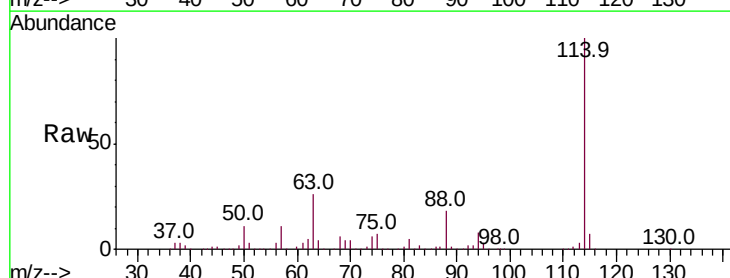
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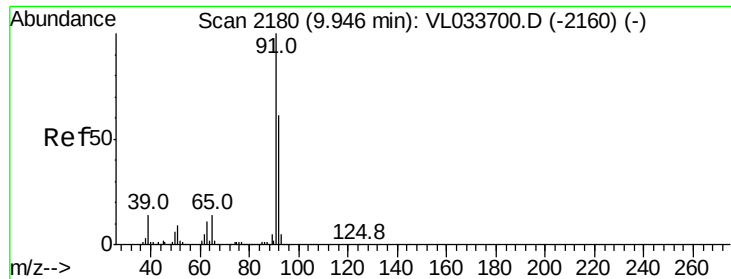
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033817.D
Acq: 29 May 2019 00:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.5	20.9	31.3
88	18.3	14.3	21.5





#53

Toluene

Concen: 0.137 ppbv m

RT: 9.94 min Scan# 2178

Delta R.T. -0.01 min

Lab File: VL033817.D

Acq: 29 May 2019 00:32

Instrument :

MSVOA_L

ClientSampleId :

BPS1-ODA-3004-04DL

Tot Ion: 91 Resp: 25251

Ion Ratio Lower Upper

91 100

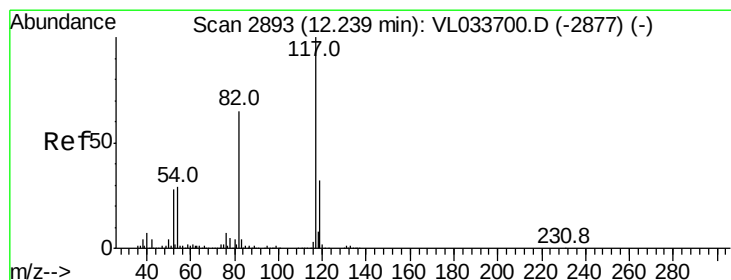
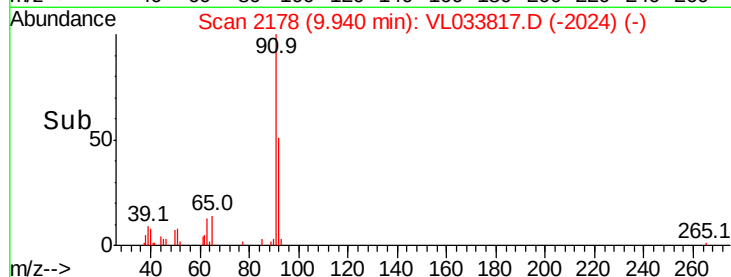
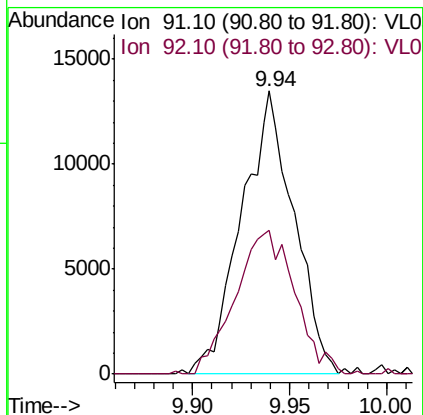
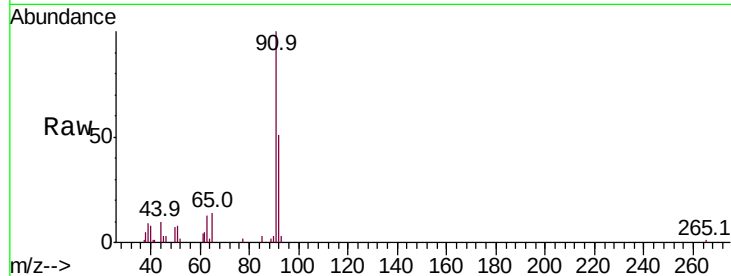
92 0.0 47.6 71.4#

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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: VL033817.D

Acq: 29 May 2019 00:32

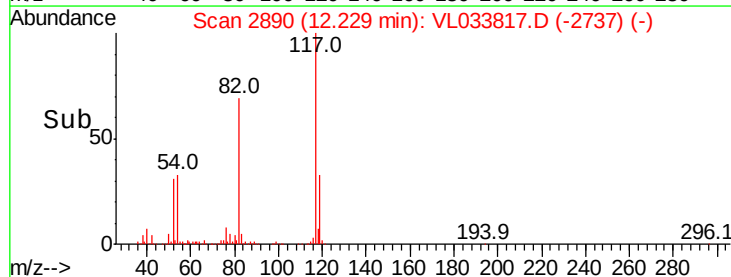
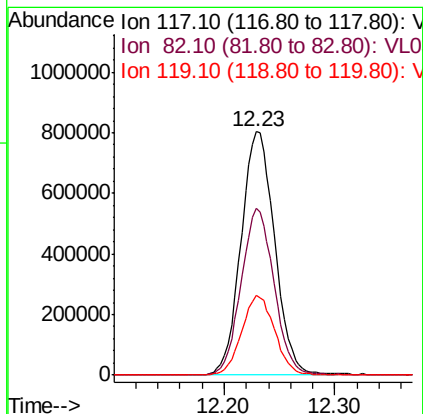
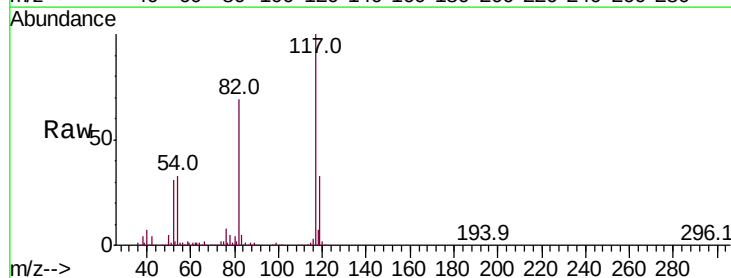
Tgt Ion: 117 Resp: 1696730

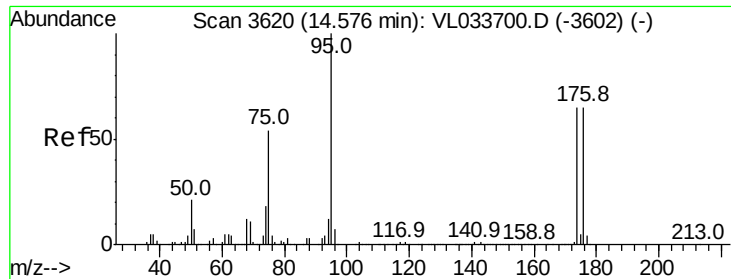
Ion Ratio Lower Upper

117 100

82 67.6 49.4 74.0

119 32.4 24.9 37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.746 ppbv

RT: 14.57 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VL033817.D

Acq: 29 May 2019 00:32

Instrument :

MSVOA_L

ClientSampleId :

BPS1-ODA-3004-04DL

Tot Ion: 95 Resp: 1478179

Ion Ratio Lower Upper

95 100

174 65.2 53.9 80.9

175 4.8 3.8 5.8

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