

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081219\
 Data File : VL034116.D
 Acq On : 13 Aug 2019 00:54
 Operator : SY/AP
 Sample : K4296-03DL 20X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI3DL

Manual Integrations
 APPROVED

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 8/16/2019 8:54:42 AM

Quant Time: Aug 13 13:46:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 0
 QLast Update : Mon Aug 05 17:09:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1178372	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	2154076	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2236133	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.51	95	1922441	10.60	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	1909778	84.356	ppbv	99
15) Acetone	3.86	43	1727887	10.261	ppbv	99
19) Isopropyl Alcohol	3.99	45	949442m	7.241	ppbv	
43) Methyl Methacrylate	8.08	69	93452	0.931	ppbv	92
53) Toluene	9.89	91	88353m	0.313	ppbv	

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

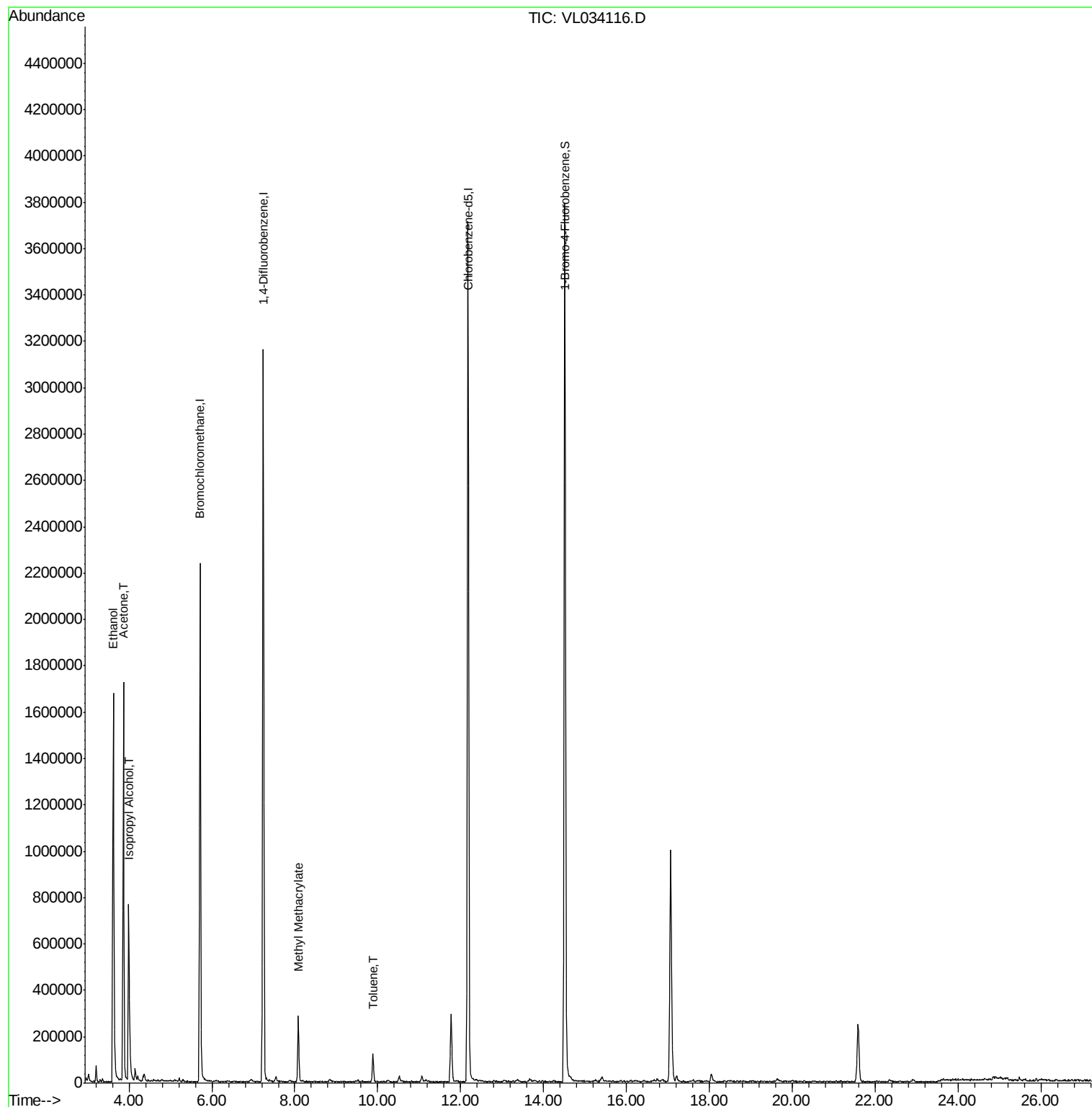
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081219\
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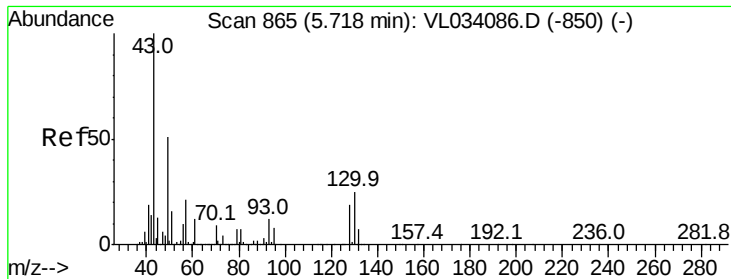
Instrument :
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QLast Update : Mon Aug 05 17:09:48 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 863

Delta R.T. -0.01 min

Lab File: VL034116.D

Acq: 13 Aug 2019 00:54

Instrument :

MSVOA_L

ClientSampleId :

SRS-0807-VI3DL

Tot Ion: 49 Resp: 1178372

Ion Ratio Lower Upper

49 100

128 36.8

130 47.4

19.5

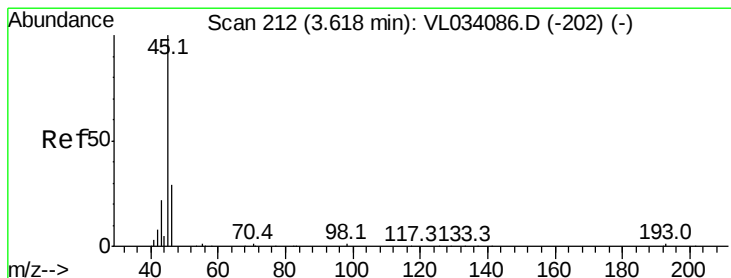
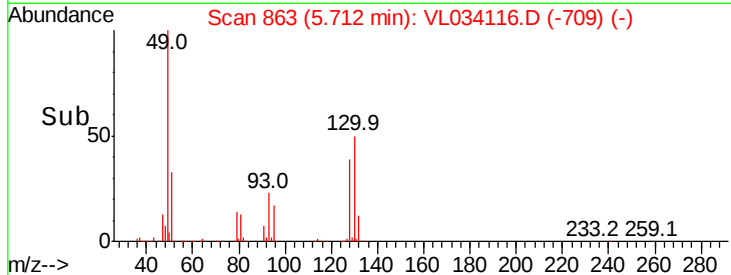
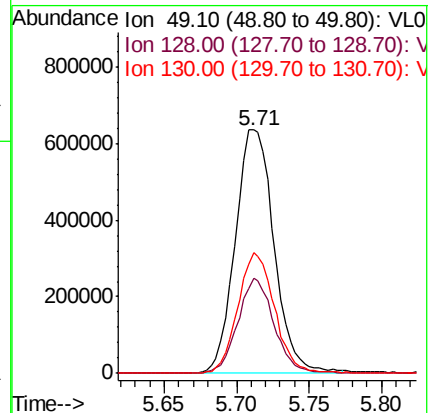
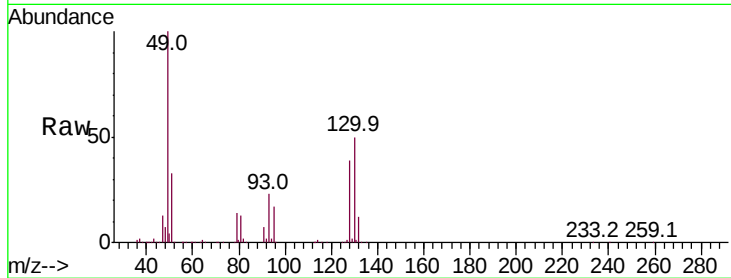
25.4

58.5

76.0

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#13

Ethanol

Concen: 84.356 ppbv

RT: 3.62 min Scan# 212

Delta R.T. 0.00 min

Lab File: VL034116.D

Acq: 13 Aug 2019 00:54

Tgt Ion: 45 Resp: 1909778

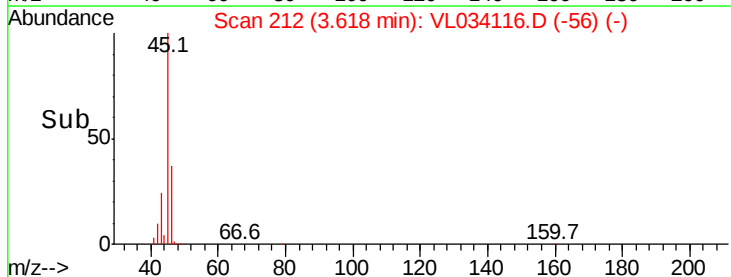
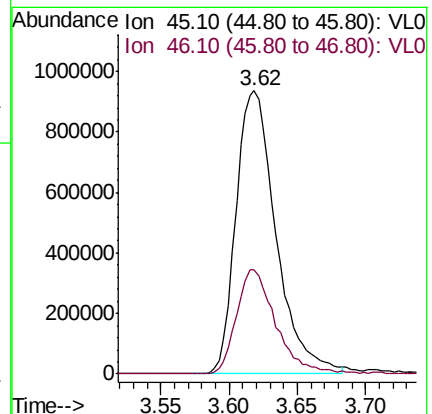
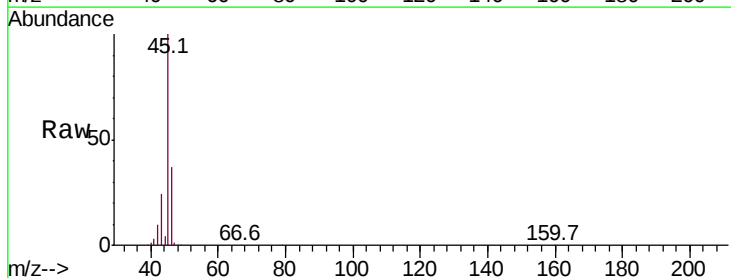
Ion Ratio Lower Upper

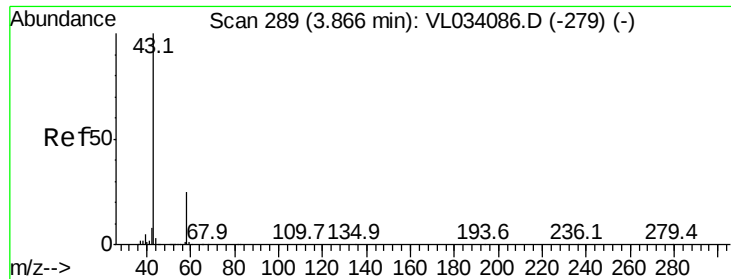
45 100

46 36.5

14.9

59.5





#15

Acetone

Concen: 10.261 ppbv

RT: 3.86 min Scan# 287

Delta R.T. -0.01 min

Lab File: VL034116.D

Acq: 13 Aug 2019 00:54

Instrument :

MSVOA_L

ClientSampleId :

SRS-0807-VI3DL

Tot Ion: 43 Resp: 1727887

Ion Ratio Lower Upper

43 100

58 26.4

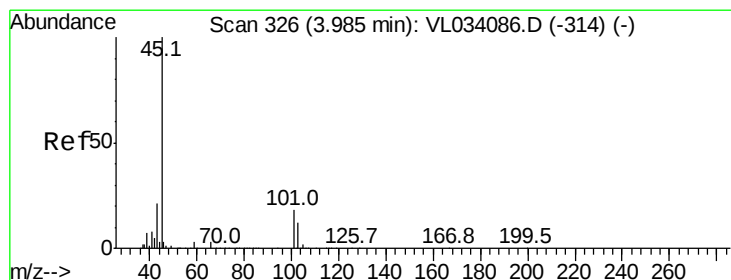
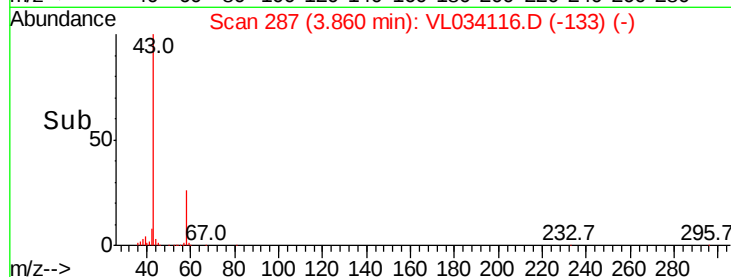
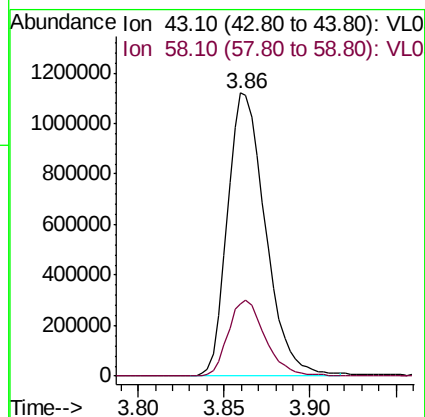
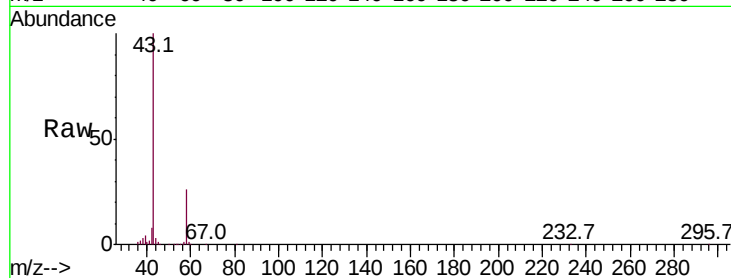
20.6

30.8

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#19

Isopropyl Alcohol

Concen: 7.241 ppbv m

RT: 3.99 min Scan# 329

Delta R.T. 0.01 min

Lab File: VL034116.D

Acq: 13 Aug 2019 00:54

Tgt Ion: 45 Resp: 949442

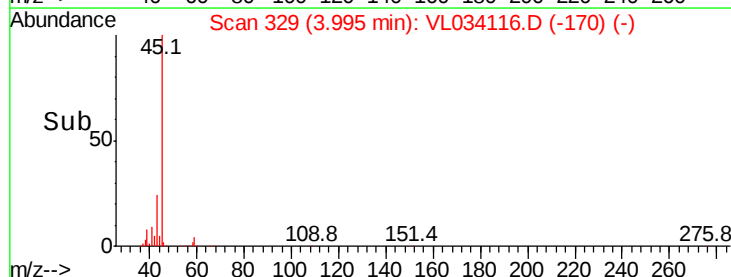
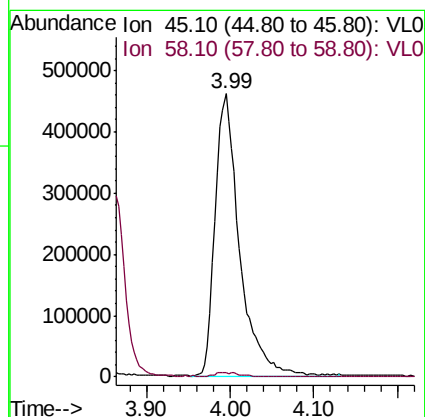
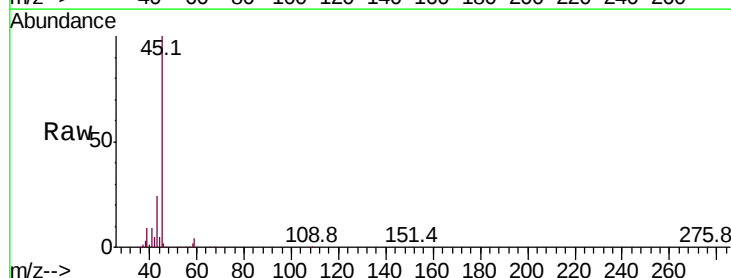
Ion Ratio Lower Upper

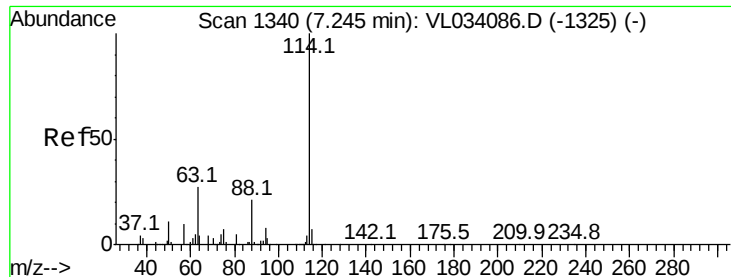
45 100

58 0.0

24.6

37.0#





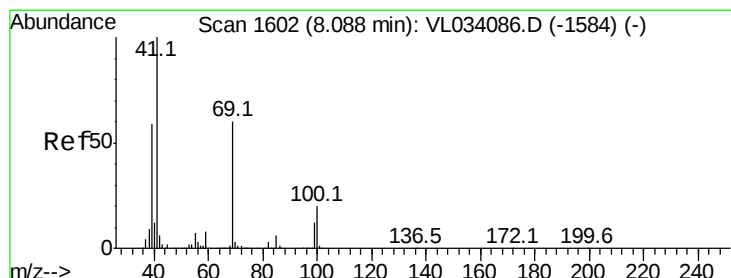
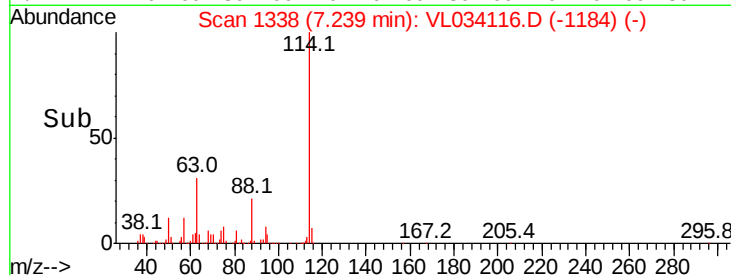
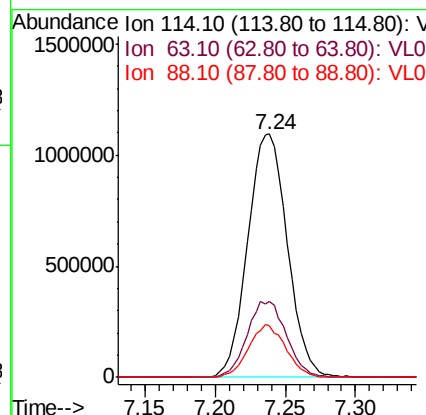
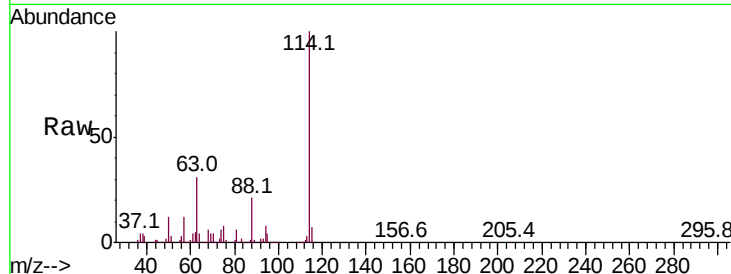
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.24 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: VL034116.D
 Acq: 13 Aug 2019 00:54

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI3DL

Tot Ion	Ion	Ratio	Lower	Upper
114	100			
63	31.1	22.5	33.7	
88	20.5	15.7	23.5	

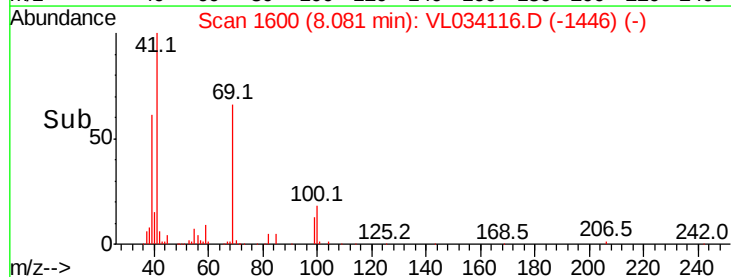
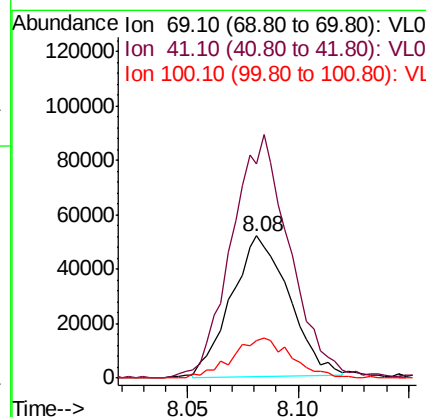
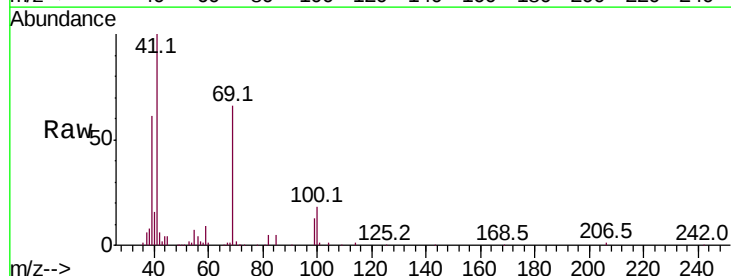
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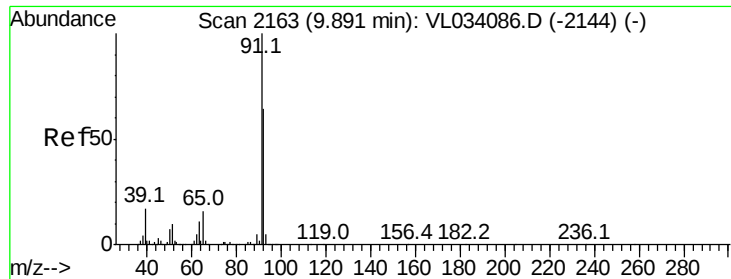
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#43
 Methyl Methacrylate
 Concen: 0.931 ppbv
 RT: 8.08 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: VL034116.D
 Acq: 13 Aug 2019 00:54

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	177.2	132.9	199.3	
100	29.8	25.8	38.8	





#53

Toluene

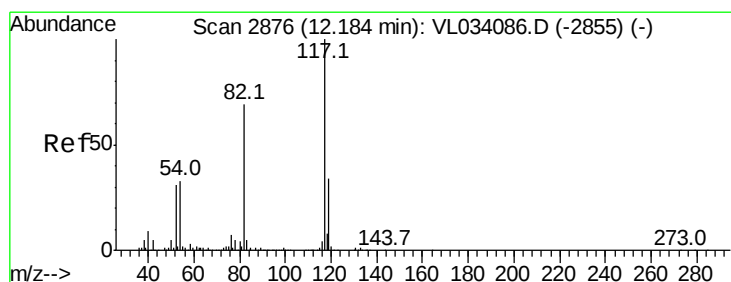
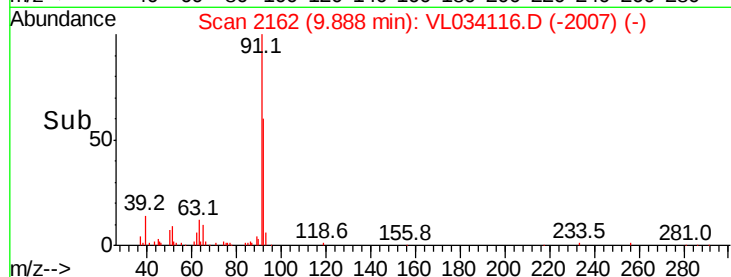
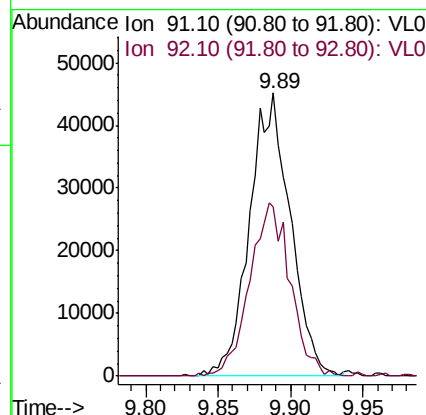
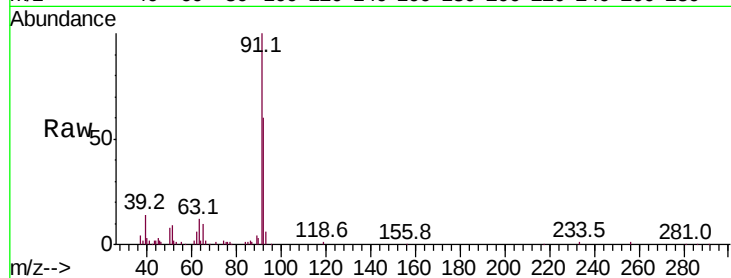
Concen: 0.313 ppbv m
 RT: 9.89 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: VL034116.D
 Acq: 13 Aug 2019 00:54

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI3DL

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	60.8	50.3	75.5	

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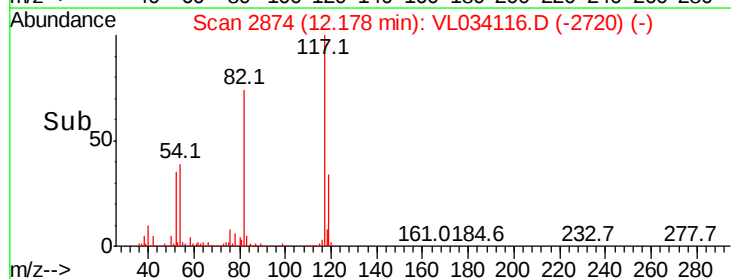
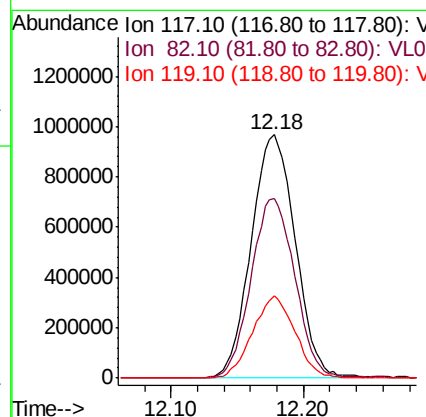
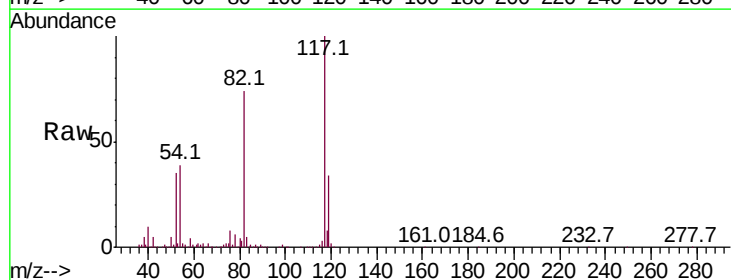


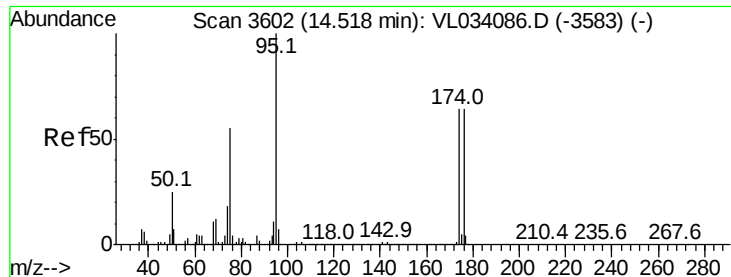
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
 RT: 12.18 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: VL034116.D
 Acq: 13 Aug 2019 00:54

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
82	74.0	52.2	78.4	
119	32.6	44.8	67.2	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.596 ppbv
 RT: 14.51 min Scan# 3600
 Delta R.T. -0.01 min
 Lab File: VL034116.D
 Acq: 13 Aug 2019 00:54

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI3DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	62.2	53.0	79.6
175	4.6	4.2	6.2

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