

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081219\
 Data File : VL034107.D
 Acq On : 12 Aug 2019 17:12
 Operator : SY/AP
 Sample : K4296-01 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI1

Manual Integrations
 APPROVED

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 8/16/2019 8:54:26 AM

Quant Time: Aug 13 13:49:37 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	1215418	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	2272145	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2308359	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.51	95	1997723	10.67	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	42747m	1.831	ppbv	
15) Acetone	3.87	43	177900	1.024	ppbv	98
19) Isopropyl Alcohol	4.01	45	20316m	0.150	ppbv	
53) Toluene	9.88	91	469144	1.574	ppbv	95

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

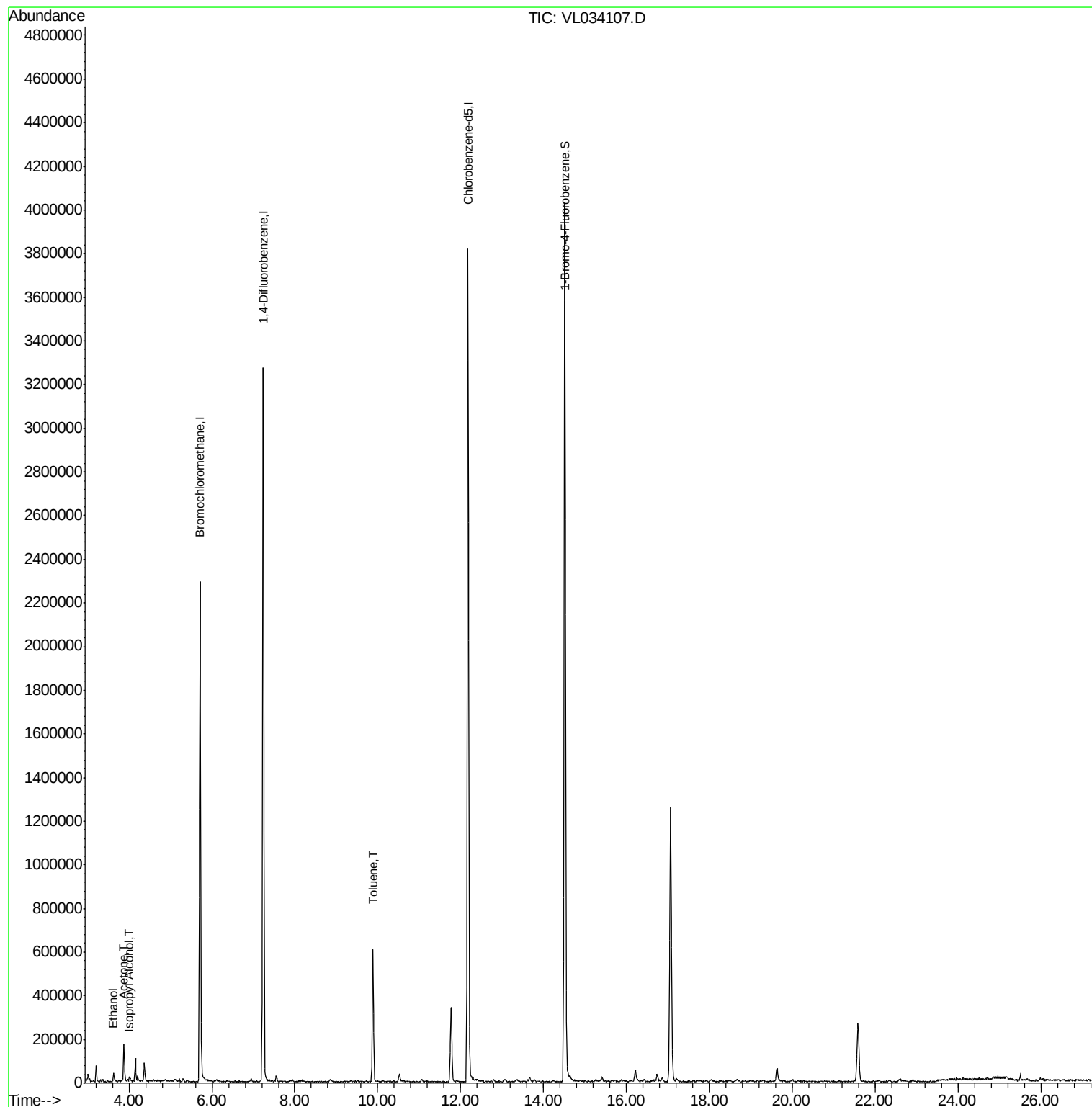
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081219\
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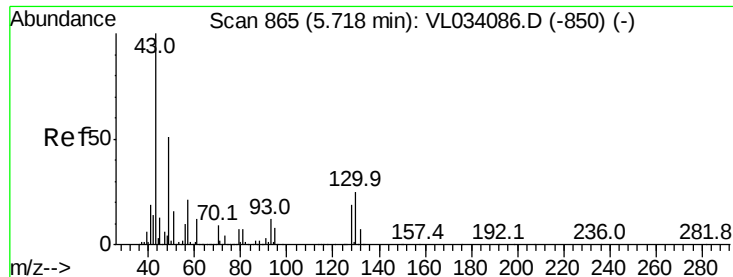
Instrument :
MSVOA_L
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QLast Update : Mon Aug 05 17:09:48 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 863

Delta R.T. -0.01 min

Lab File: VL034107.D

Acq: 12 Aug 2019 17:12

Instrument :

MSVOA_L

ClientSampleId :

SRS-0807-VI1

Tot Ion: 49 Resp: 1215418

Ion Ratio Lower Upper

49 100

128 37.7

130 48.1

19.5

25.4

58.5

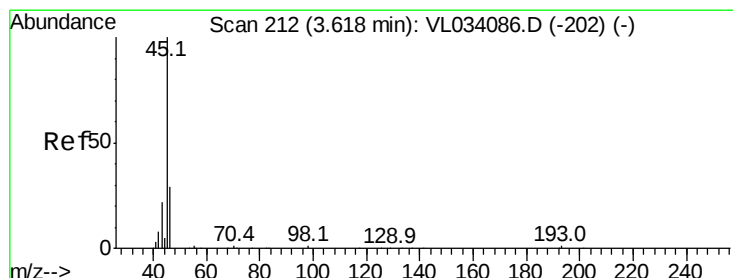
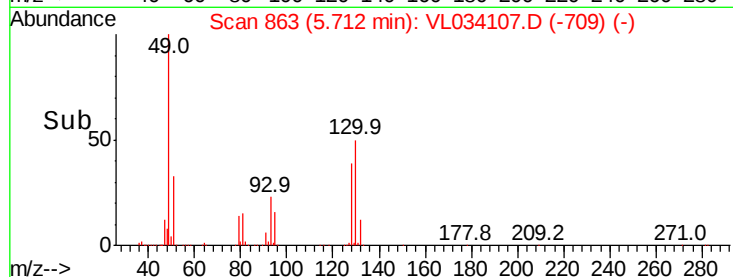
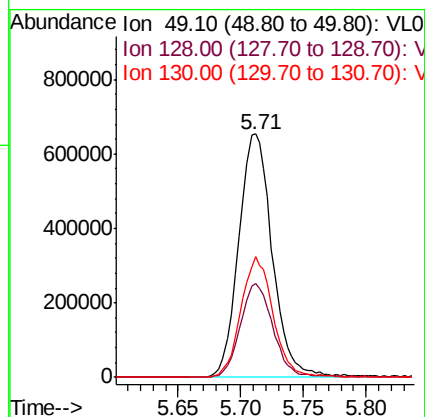
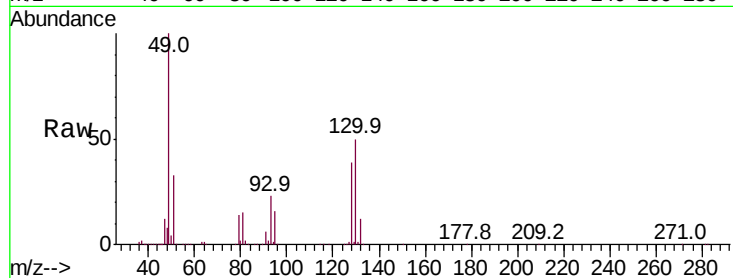
76.0

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#13

Ethanol

Concen: 1.831 ppbv m

RT: 3.62 min Scan# 214

Delta R.T. 0.01 min

Lab File: VL034107.D

Acq: 12 Aug 2019 17:12

Tgt Ion: 45 Resp: 42747

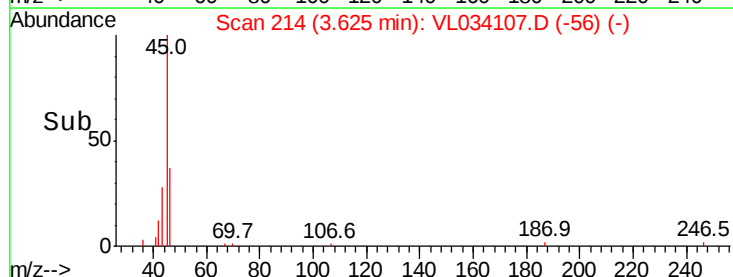
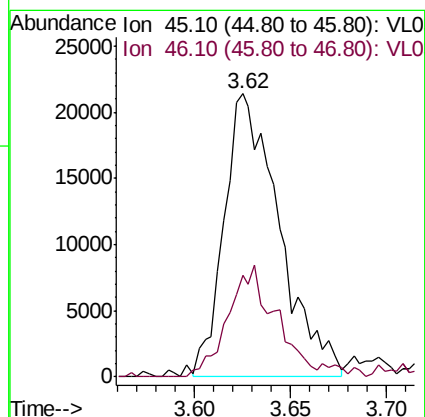
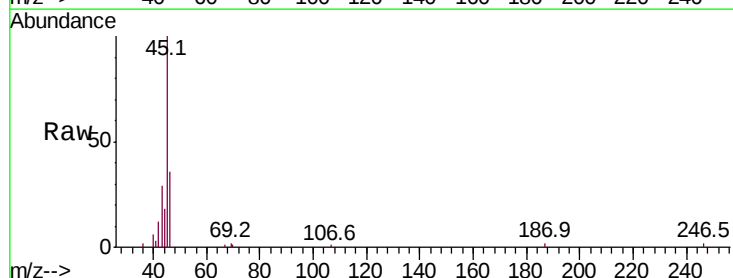
Ion Ratio Lower Upper

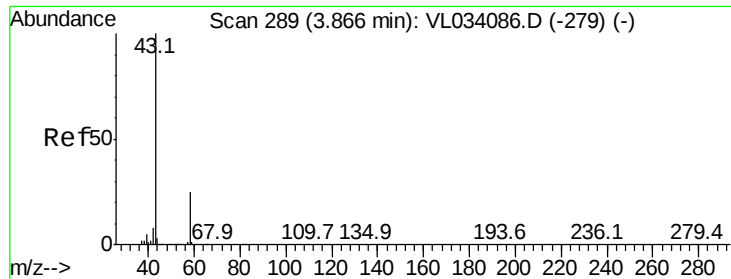
45 100

46 38.1

14.9

59.5





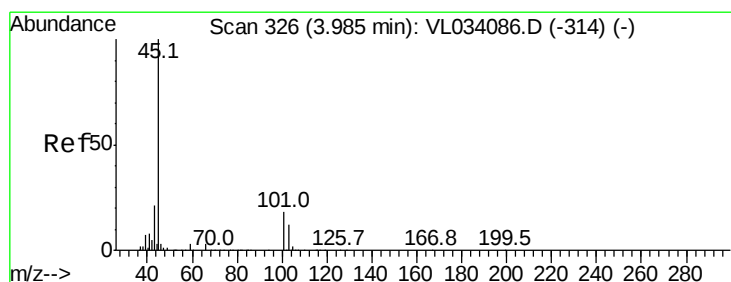
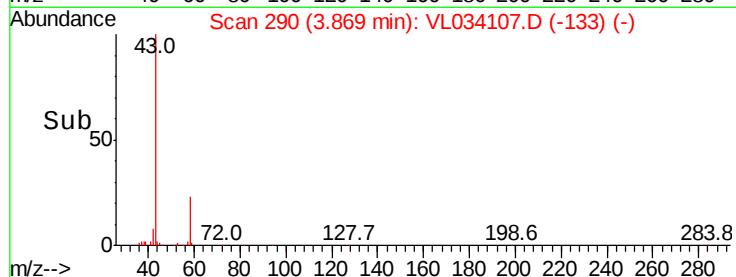
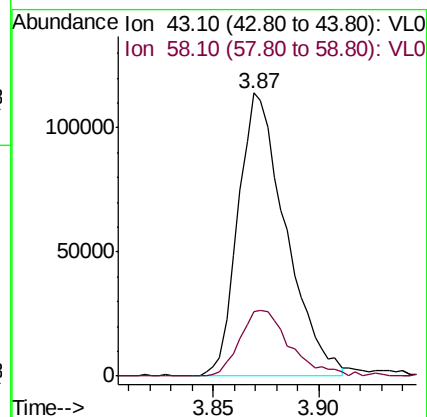
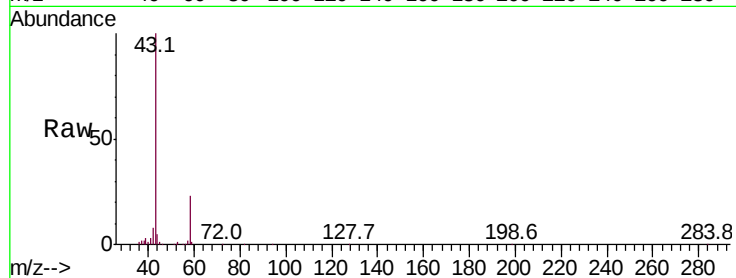
#15
Acetone
Concen: 1.024 ppbv
RT: 3.87 min Scan# 290
Delta R.T. 0.00 min
Lab File: VL034107.D
Acq: 12 Aug 2019 17:12

Instrument :
MSVOA_L
ClientSampleId :
SRS-0807-VI1

Tot Ion	43	58	Ratio	100	24.8	Resp Lower	177900	30.8
Ion	43	58	Ratio	100	24.8	Resp	177900	30.8
			Lower		20.6	Upper		

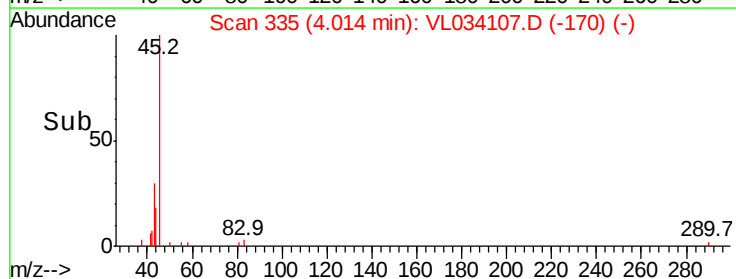
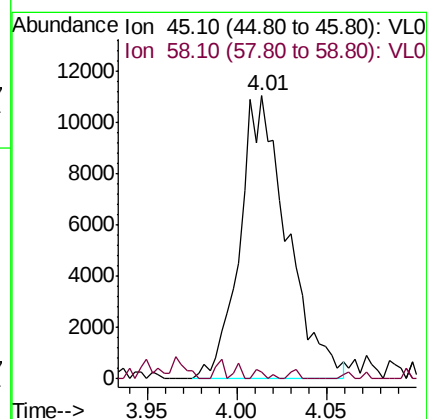
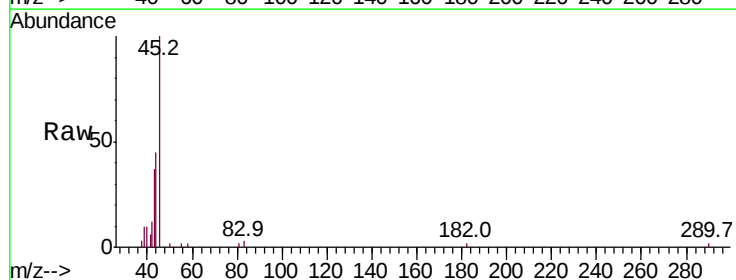
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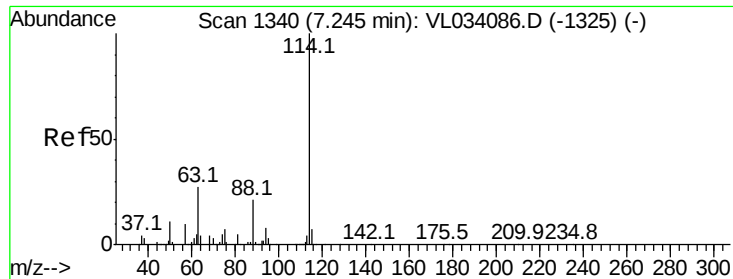
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#19
Isopropyl Alcohol
Concen: 0.150 ppbv m
RT: 4.01 min Scan# 335
Delta R.T. 0.03 min
Lab File: VL034107.D
Acq: 12 Aug 2019 17:12

Tgt Ion	45	58	Ratio	100	0.0	Resp Lower	20316	37.0#
Ion	45	58	Ratio	100	0.0	Resp	20316	37.0#
			Lower		24.6	Upper		





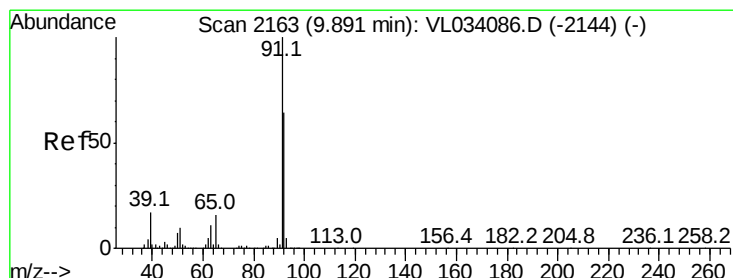
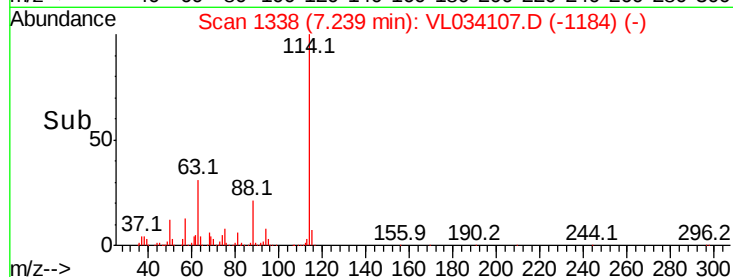
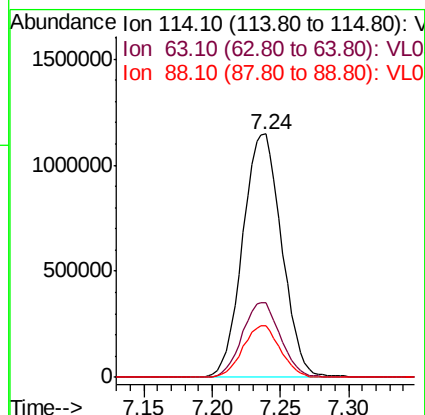
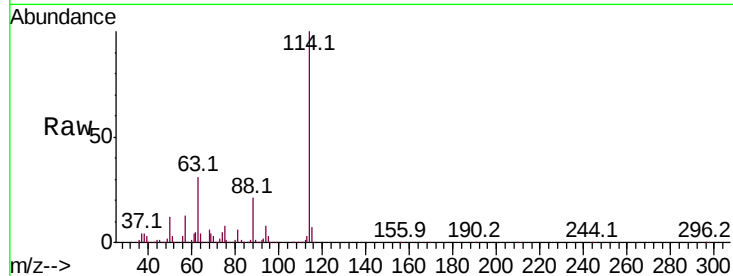
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.24 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: VL034107.D
 Acq: 12 Aug 2019 17:12

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI1

Tot Ion	Ratio	Lower	Upper
114	100		
63	30.2	22.5	33.7
88	20.4	15.7	23.5

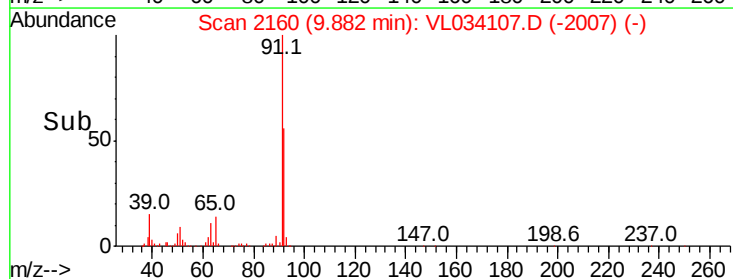
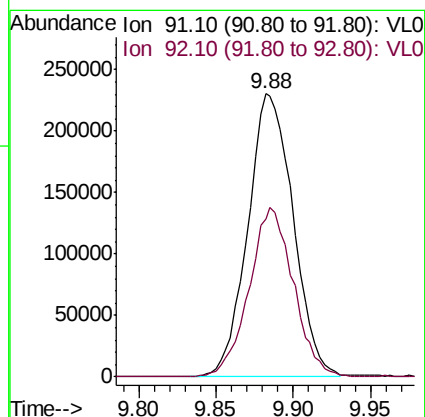
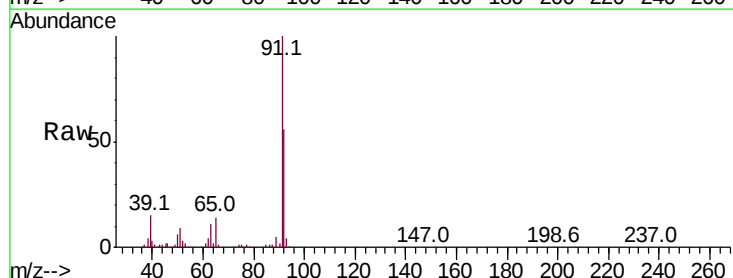
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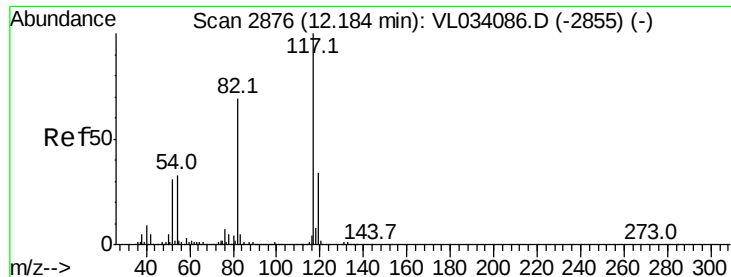
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#53
 Toluene
 Concen: 1.574 ppbv
 RT: 9.88 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: VL034107.D
 Acq: 12 Aug 2019 17:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.7	50.3	75.5





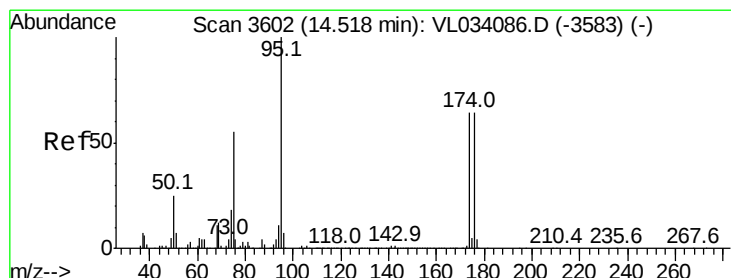
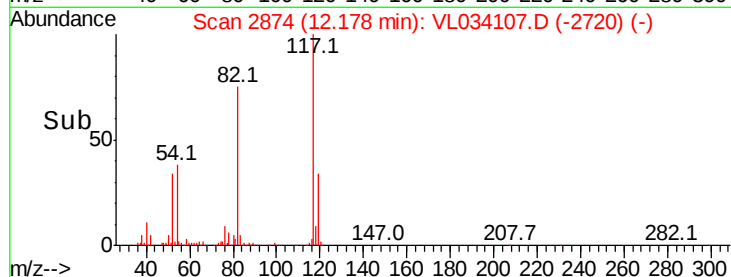
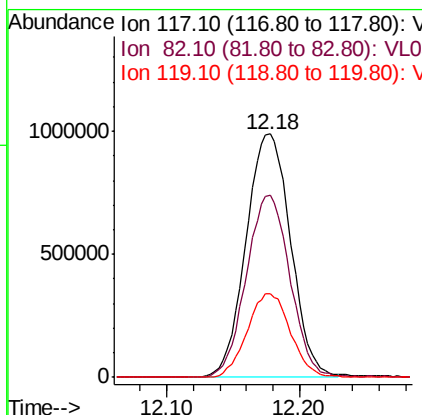
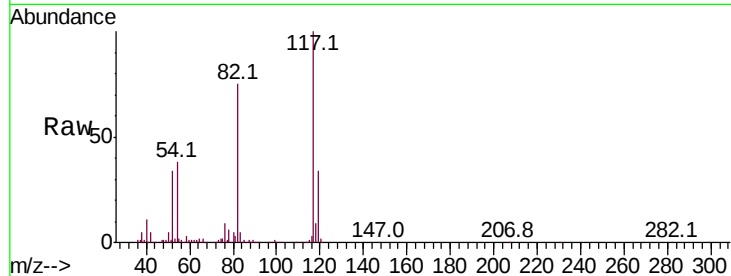
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.18 min Scan# 2874
Delta R.T. -0.01 min
Lab File: VL034107.D
Acq: 12 Aug 2019 17:12

Instrument :
MSVOA_L
ClientSampleId :
SRS-0807-VI1

Tot Ion	Ratio	Lower	Upper
117	100		
82	74.1	52.2	78.4
119	33.6	44.8	67.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.666 ppbv
RT: 14.51 min Scan# 3600
Delta R.T. -0.01 min
Lab File: VL034107.D
Acq: 12 Aug 2019 17:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	62.9	53.0	79.6
175	4.6	4.2	6.2

