

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034816.D
 Acq On : 6 Mar 2020 6:34
 Operator : SY/AP
 Sample : L1698-03DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-6-4DL2

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:19:59 AM

Quant Time: Mar 06 09:20:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 04 06:36:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	463440	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.18	114	1060950	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.11	117	1057223	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	825880	9.37	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.70%

Target Compounds					Ovalue
13) Ethanol	3.59	45	10156	1.426	ppbv 91
15) Acetone	3.83	43	228303	4.114	ppbv 99
52) Tetrachloroethene	11.25	164	7673m	0.229	ppbv
53) Toluene	9.83	91	19808	0.206	ppbv 99

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

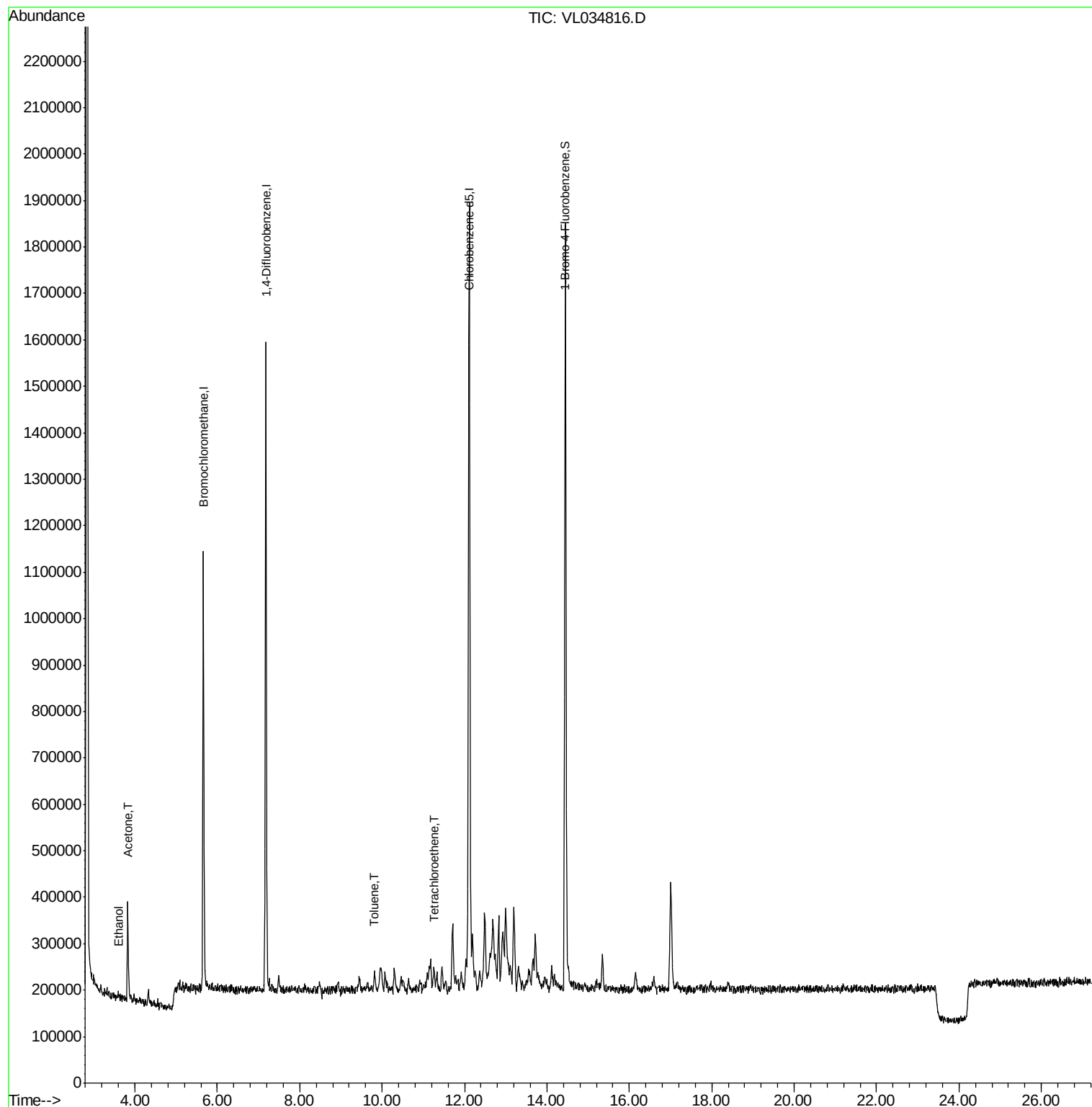
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030520\
Data File : VL034816.D
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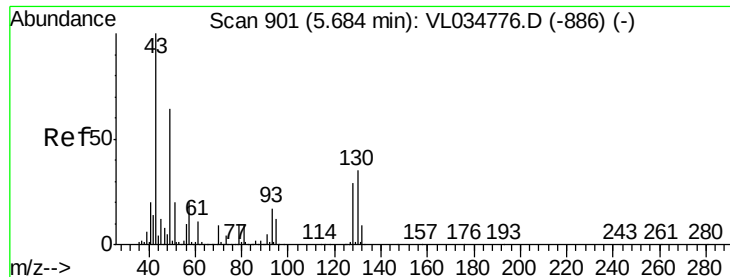
Instrument :
MSVOA_L
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Quant Time: Mar 06 09:20:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.03 min

Lab File: VL034816.D

Acq: 6 Mar 2020 6:34

Instrument :

MSVOA_L

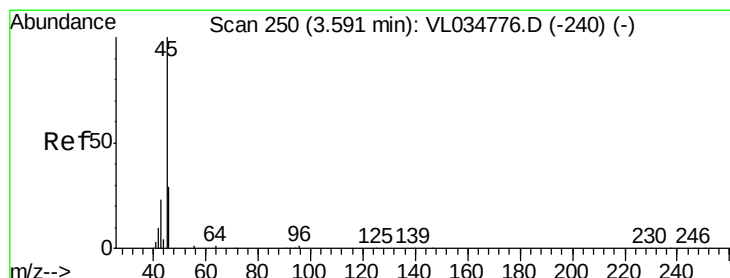
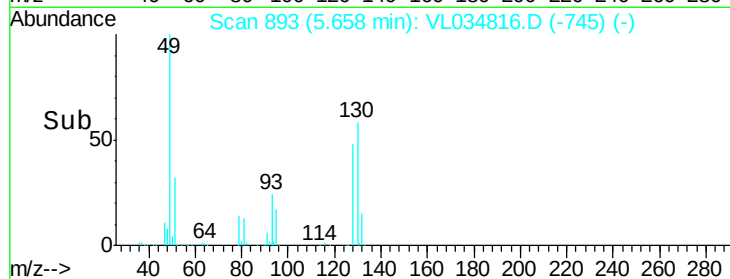
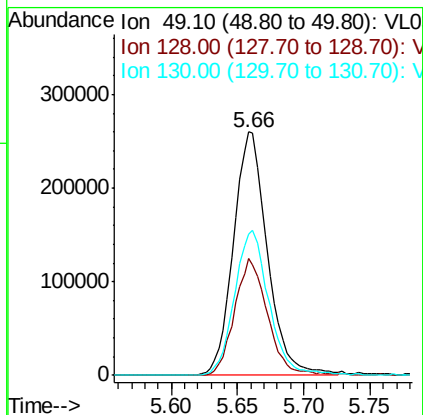
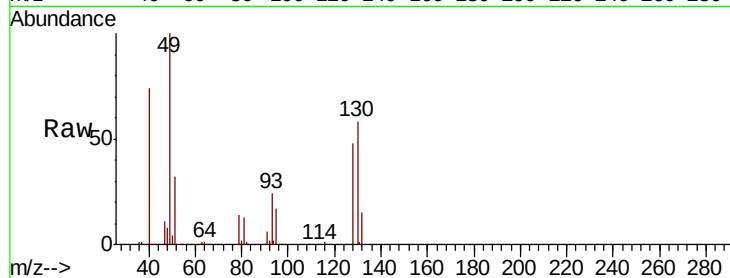
ClientSampleId :

SS-6-4DL2

Tot Ion:	49	Resp:	463440
Ion	Ratio	Lower	Upper
49	100		
128	47.2	21.6	64.6
130	60.7	27.4	82.2

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#13

Ethanol

Concen: 1.426 ppbv

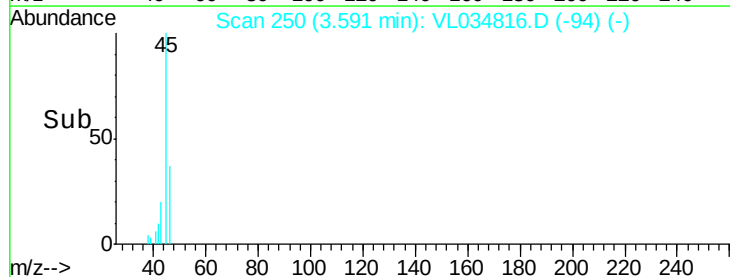
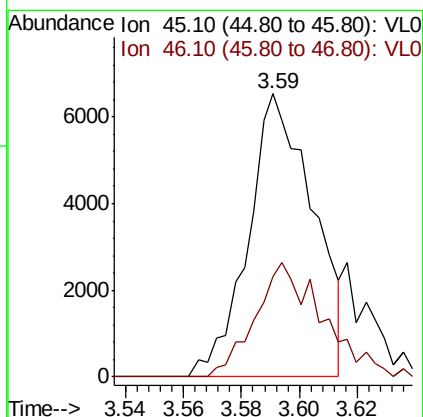
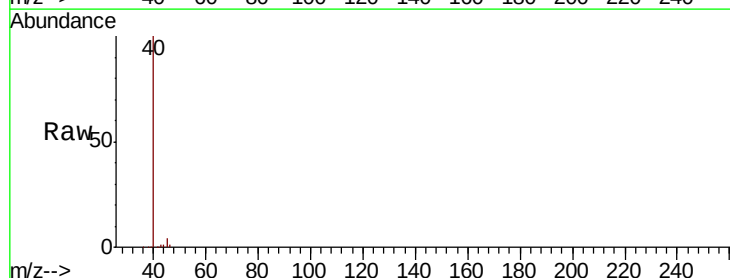
RT: 3.59 min Scan# 250

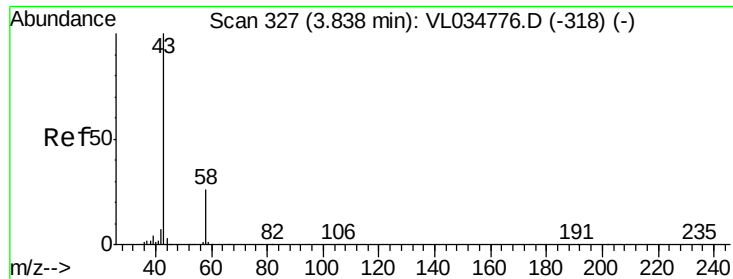
Delta R.T. 0.00 min

Lab File: VL034816.D

Acq: 6 Mar 2020 6:34

Tgt Ion:	45	Resp:	10156
Ion	Ratio	Lower	Upper
45	100		
46	42.1	14.7	58.9





#15

Acetone

Concen: 4.114 ppbv

RT: 3.83 min Scan# 323

Delta R.T. -0.01 min

Lab File: VL034816.D

Acq: 6 Mar 2020 6:34

Instrument :

MSVOA_L

ClientSampleId :

SS-6-4DL2

Tot Ion: 43 Resp: 228303

Ion Ratio Lower Upper

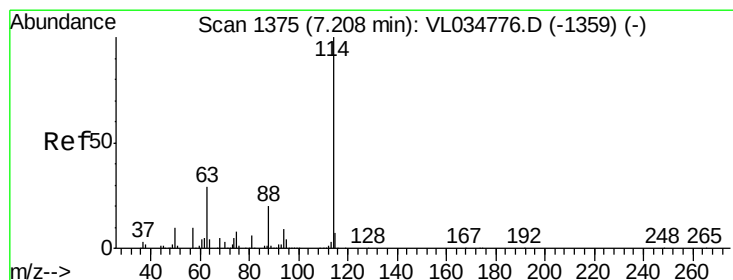
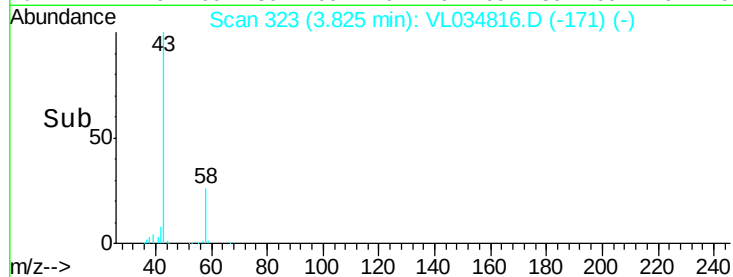
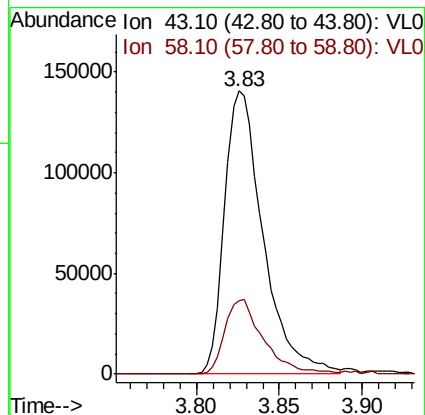
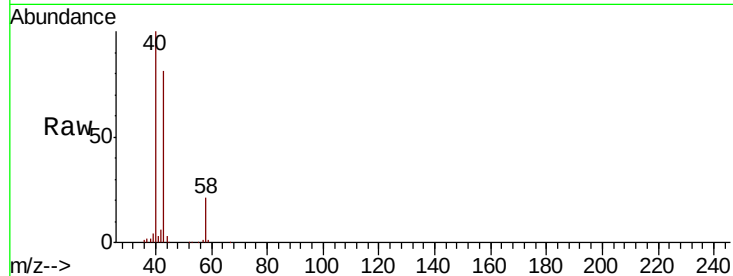
43 100

58 27.0 21.0 31.6

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.03 min

Lab File: VL034816.D

Acq: 6 Mar 2020 6:34

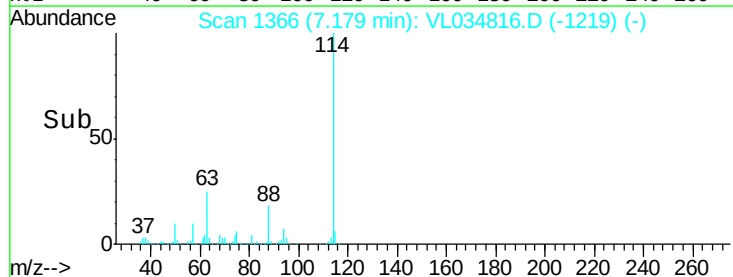
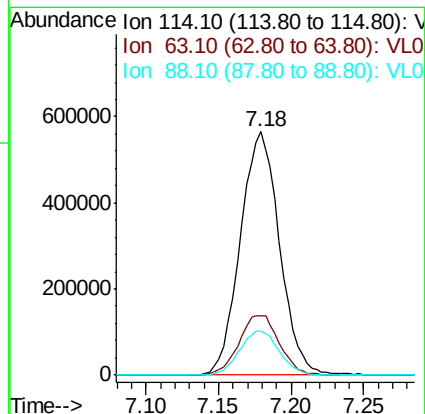
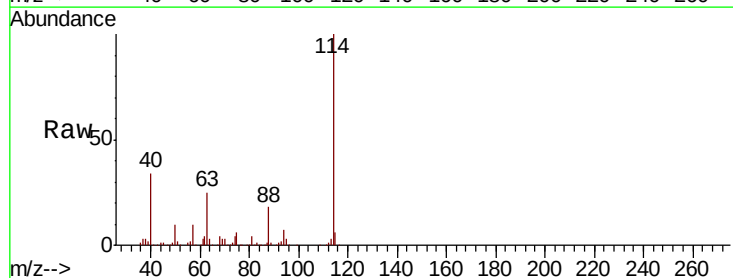
Tgt Ion: 114 Resp: 1060950

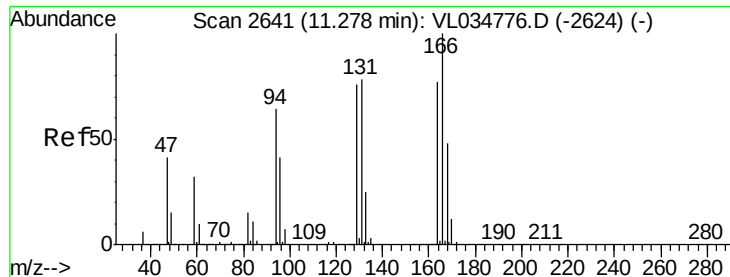
Ion Ratio Lower Upper

114 100

63 25.4 23.6 35.4

88 18.5 15.8 23.8





#52

Tetrachloroethene

Concen: 0.229 ppbv m

RT: 11.25 min Scan# 2632

Delta R.T. -0.03 min

Lab File: VL034816.D

Acq: 6 Mar 2020 6:34

Instrument :

MSVOA_L

ClientSampled :

SS-6-4DL2

Tot Ion:164 Resp: 7673

Ion Ratio Lower Upper

164 100

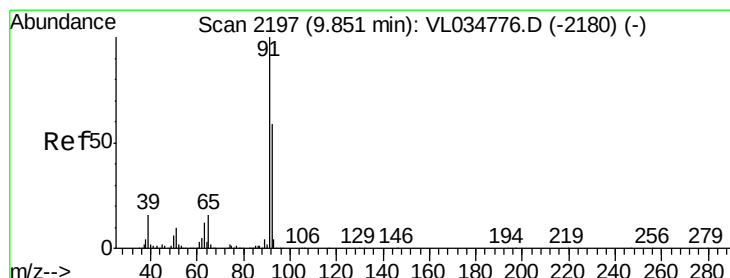
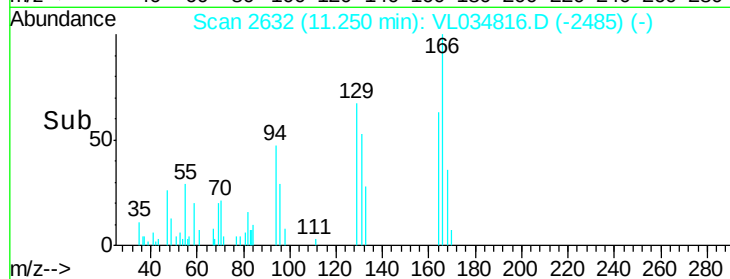
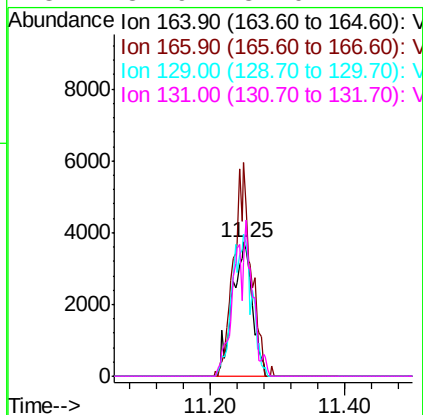
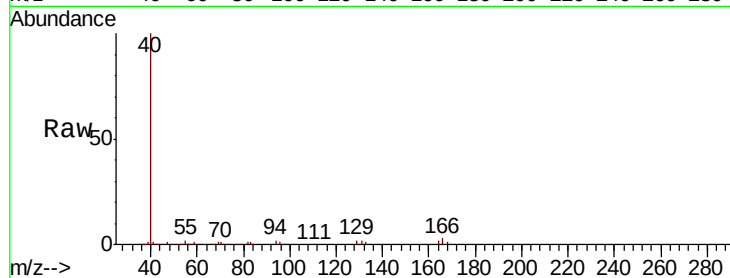
166 159.1 103.3 154.9#

129 106.3 79.0 118.4

131 84.9 81.0 121.4

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#53

Toluene

Concen: 0.206 ppbv

RT: 9.83 min Scan# 2189

Delta R.T. -0.03 min

Lab File: VL034816.D

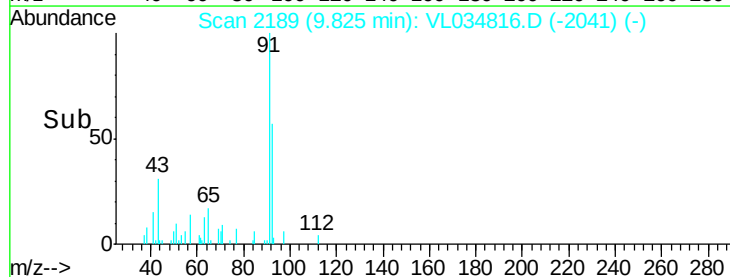
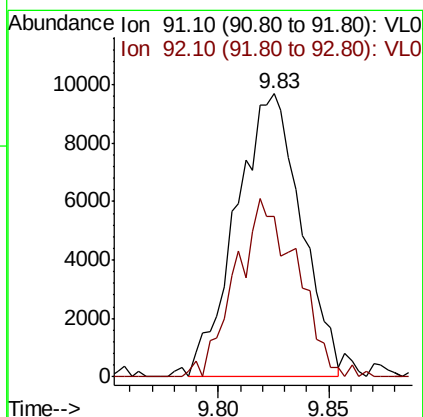
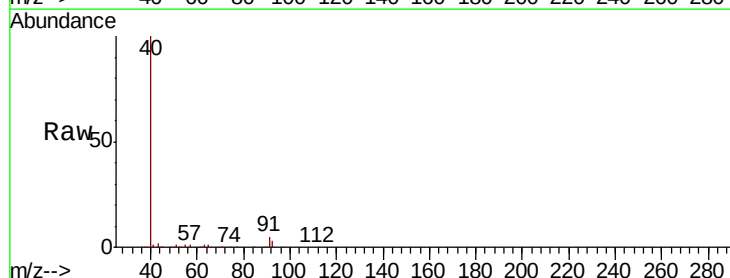
Acq: 6 Mar 2020 6:34

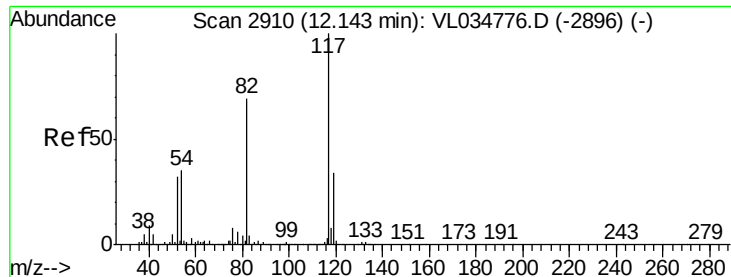
Tgt Ion: 91 Resp: 19808

Ion Ratio Lower Upper

91 100

92 59.5 48.2 72.2





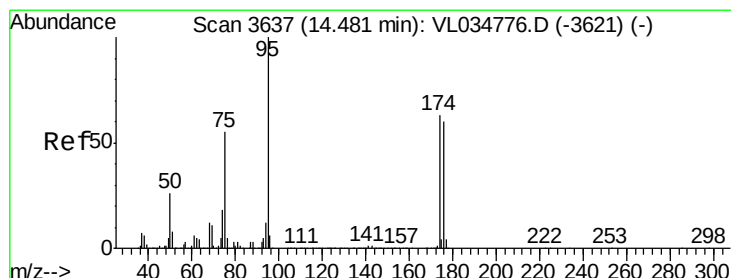
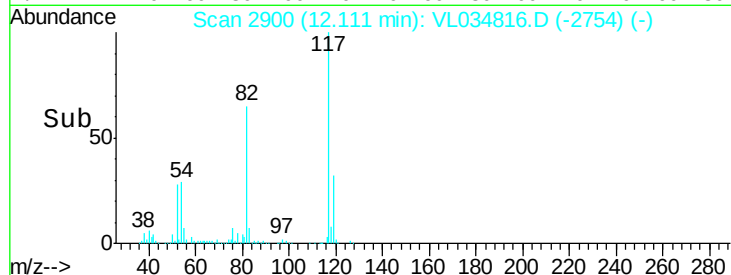
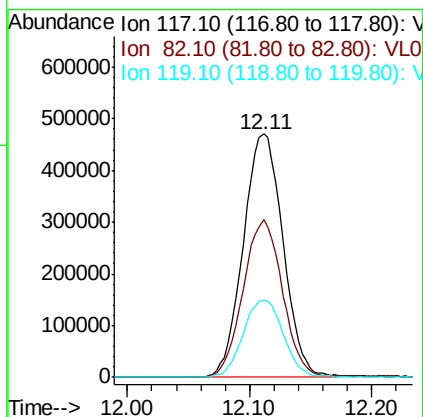
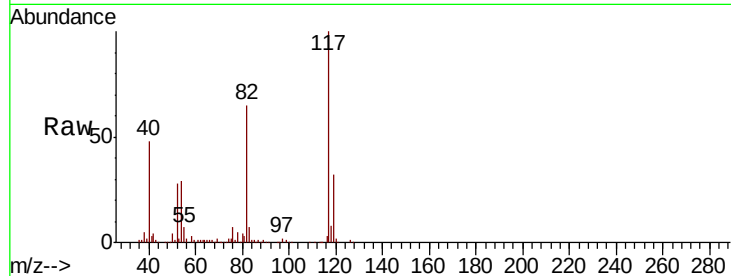
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.03 min
Lab File: VL034816.D
Acq: 6 Mar 2020 6:34

Instrument :
MSVOA_L
ClientSampleId :
SS-6-4DL2

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.6	53.9	80.9
119	32.4	25.0	37.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.368 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.03 min
Lab File: VL034816.D
Acq: 6 Mar 2020 6:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.0	50.6	76.0
175	5.7	3.8	5.6#

