

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033951.D
 Acq On : 25 Jun 2019 00:35
 Operator : SY/AP
 Sample : K3481-06DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 TZC-SSDS-AREA-C-2DL

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:15:50 AM

Quant Time: Jun 25 05:03:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	862336	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.26	114	2076254	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	2137074	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.54	95	1740545	9.92	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.90	43	91210	0.725	ppbv	99
38) Trichloroethene	7.94	130	3682m	0.060	ppbv	
53) Toluene	9.92	91	120330m	0.686	ppbv	
58) Ethyl Benzene	12.83	91	30195m	0.125	ppbv	
59) m/p-Xylene	13.10	91	143960m	0.657	ppbv	
60) o-Xylene	13.82	91	33893	0.150	ppbv	99

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

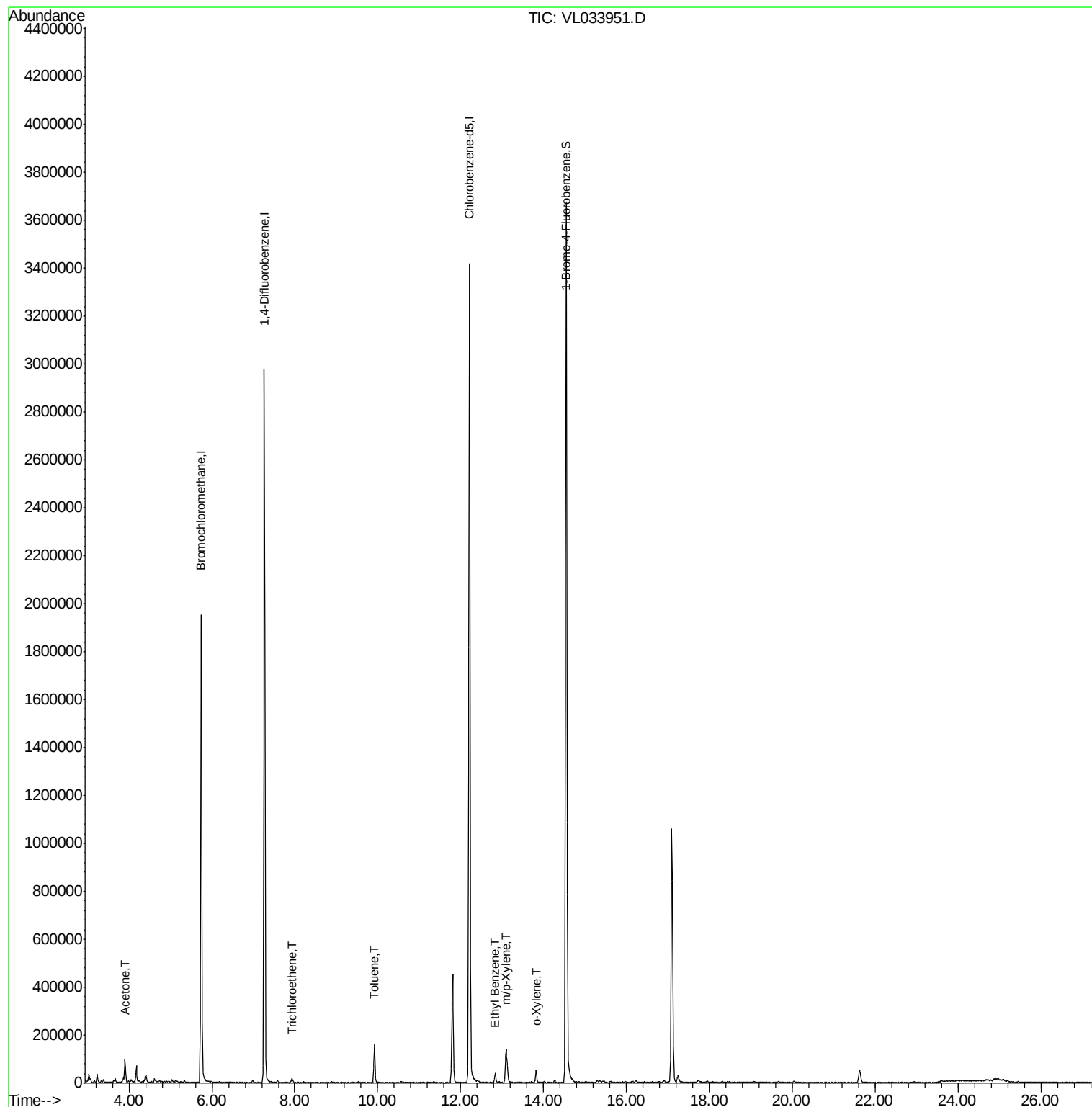
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062419\
Data File : VL033951.D
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Operator : SY/AP
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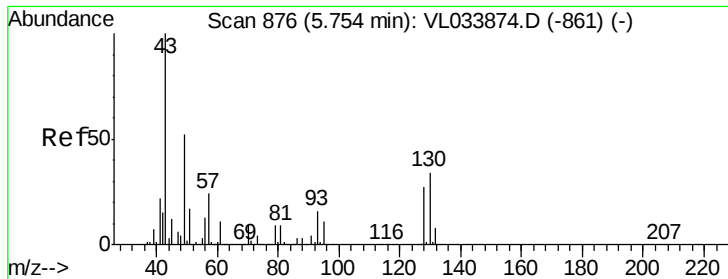
Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-C-2DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
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QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.74 min Scan# 872

Delta R.T. -0.01 min

Lab File: VL033951.D

Acq: 25 Jun 2019 00:35

Instrument :

MSVOA_L

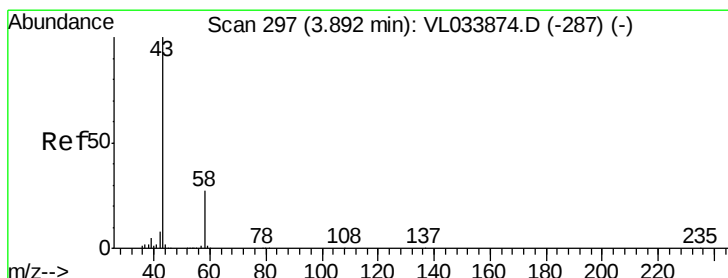
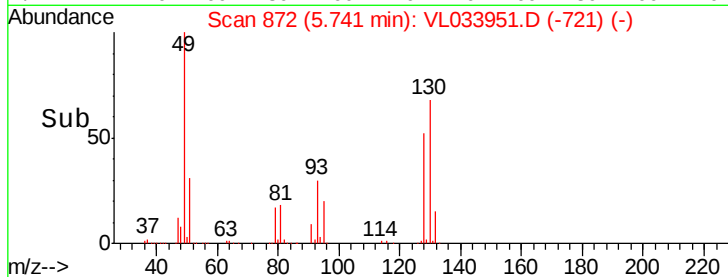
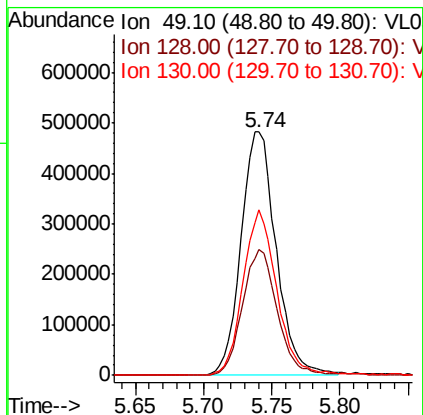
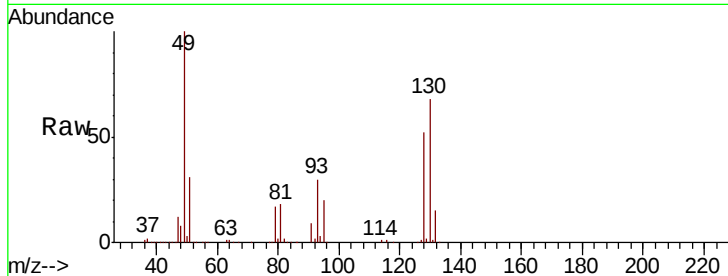
ClientSampleId :

TZC-SSDS-AREA-C-2DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	51.9	25.5	76.5
130	65.9	32.5	97.4

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#15

Acetone

Concen: 0.725 ppbv

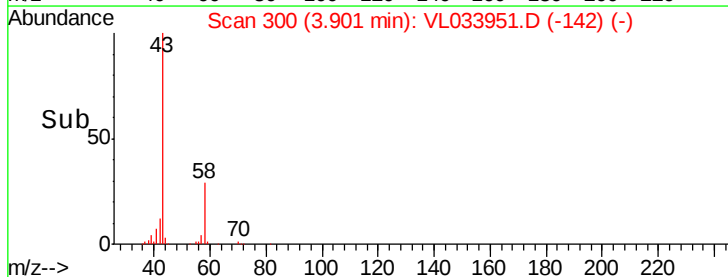
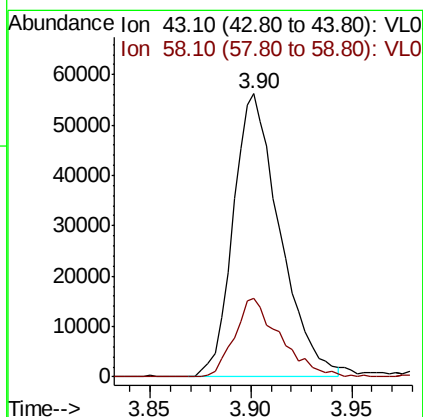
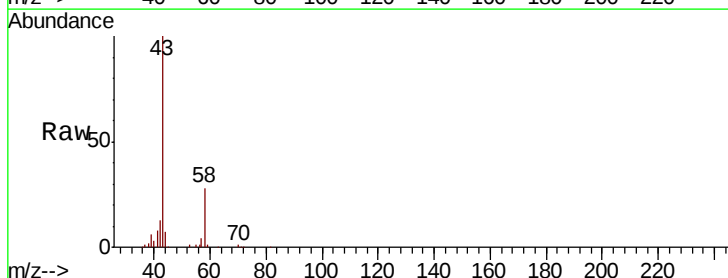
RT: 3.90 min Scan# 300

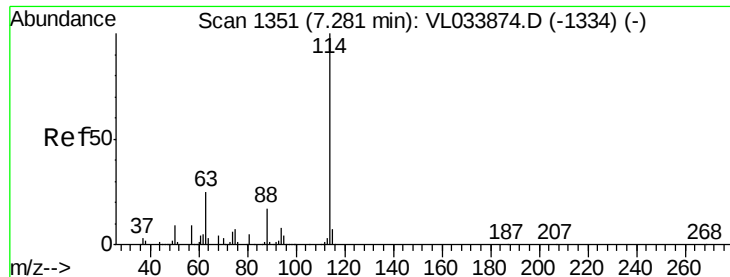
Delta R.T. 0.01 min

Lab File: VL033951.D

Acq: 25 Jun 2019 00:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.3	21.3	31.9





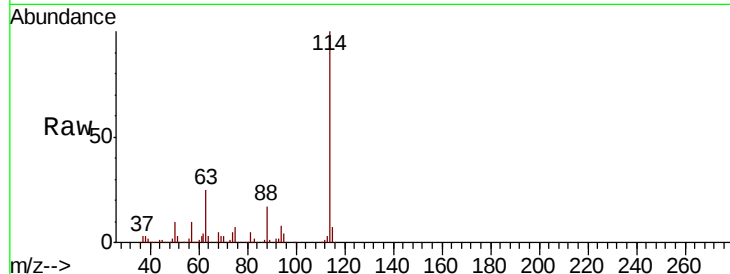
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. -0.02 min
Lab File: VL033951.D
Acq: 25 Jun 2019 00:35

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-C-2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.4	21.1	31.7
88	17.5	14.2	21.4

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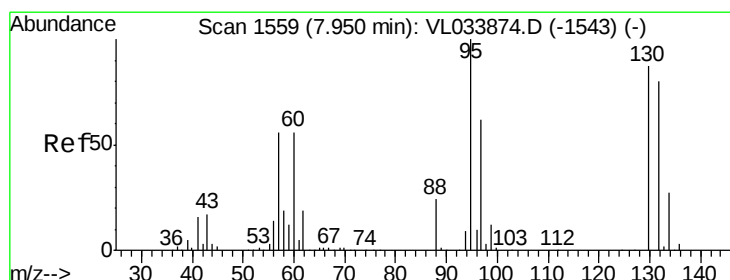
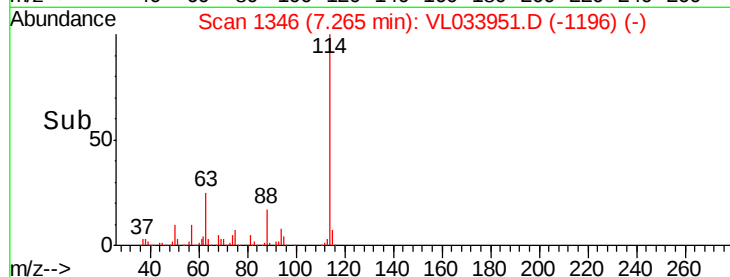
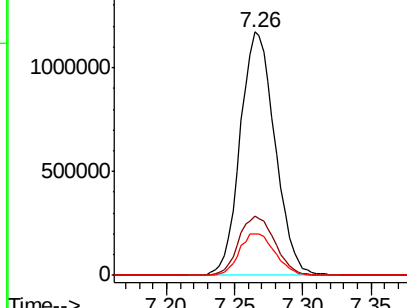


Abundance

Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#38
Trichloroethene
Concen: 0.060 ppbv m
RT: 7.94 min Scan# 1555
Delta R.T. -0.01 min
Lab File: VL033951.D
Acq: 25 Jun 2019 00:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	70.1	92.0	138.0#
132	76.8	73.8	110.8
97	39.4	57.2	85.8#

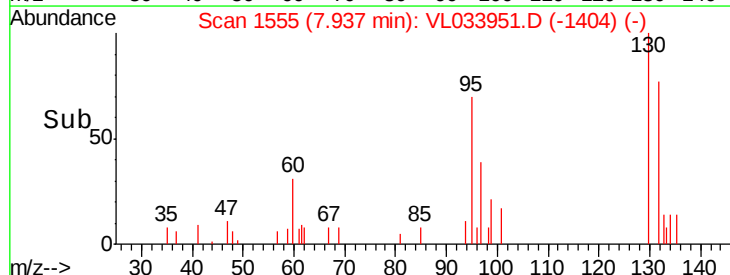
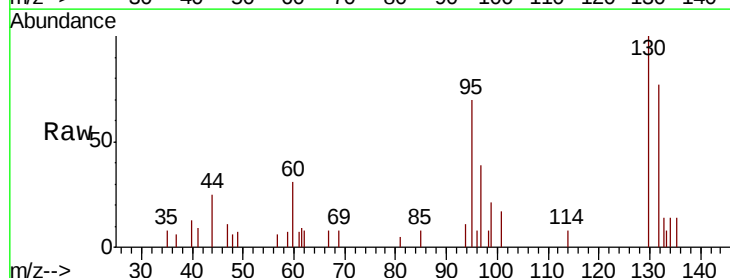
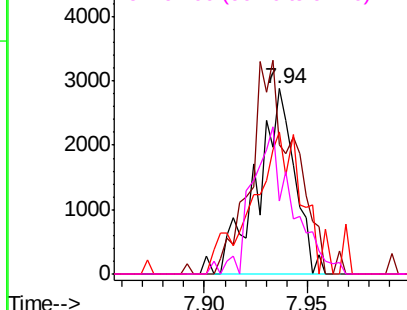
Abundance

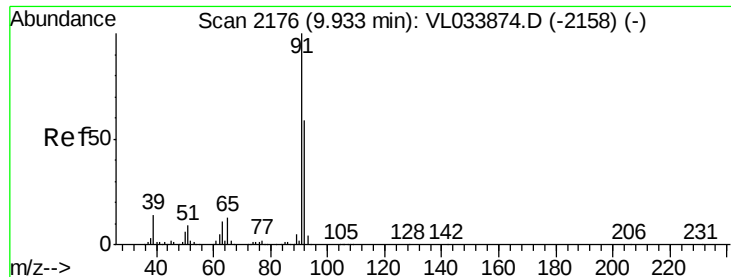
Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0





#53

Toluene

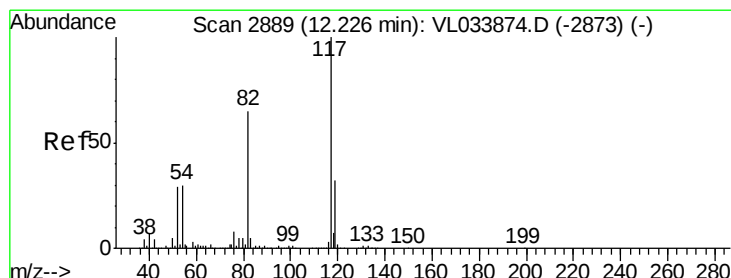
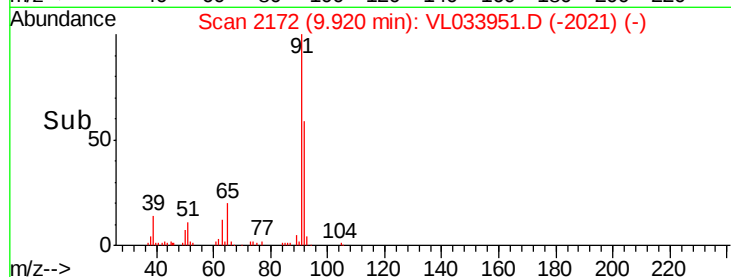
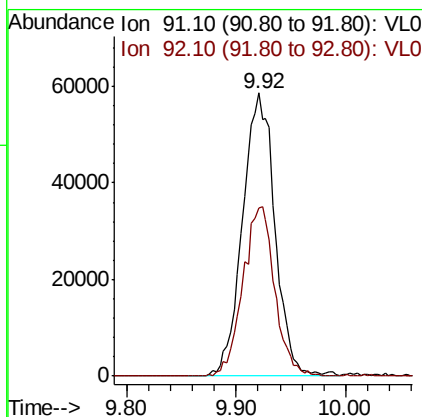
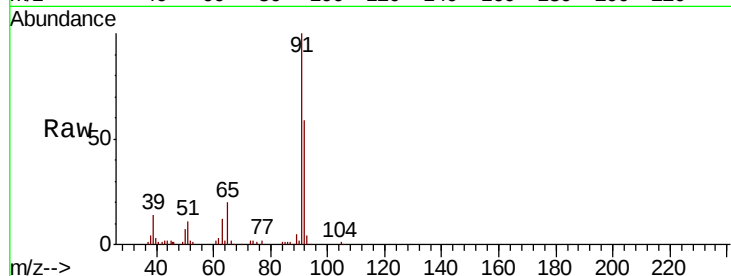
Concen: 0.686 ppbv m
RT: 9.92 min Scan# 2172
Delta R.T. -0.01 min
Lab File: VL033951.D
Acq: 25 Jun 2019 00:35

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-C-2DL

Tot Ion: 91 Resp: 120330
Ion Ratio Lower Upper
91 100
92 0.0 47.0 70.6#

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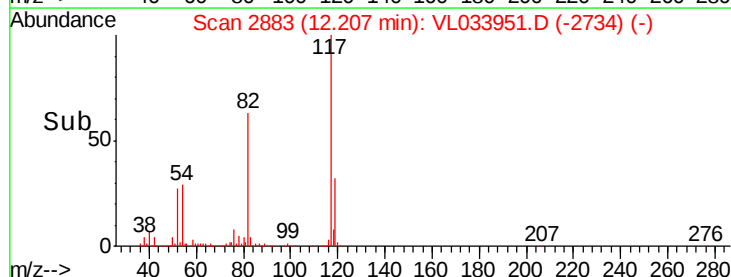
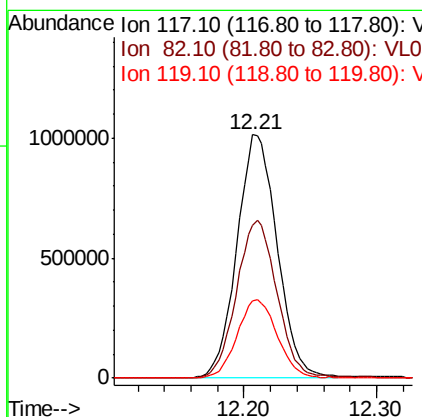
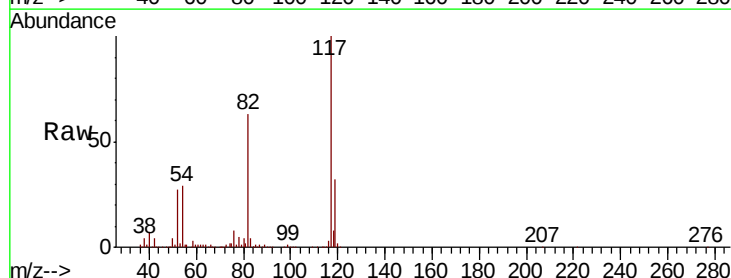


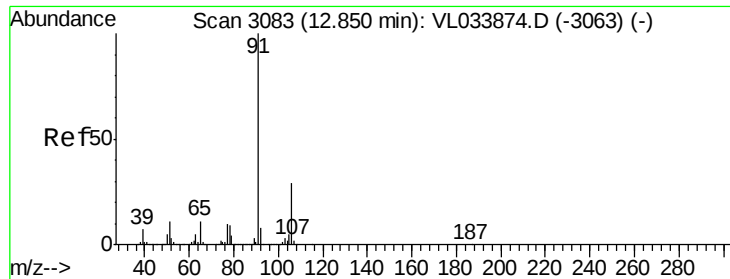
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.21 min Scan# 2883
Delta R.T. -0.02 min
Lab File: VL033951.D
Acq: 25 Jun 2019 00:35

Tgt Ion: 117 Resp: 2137074
Ion Ratio Lower Upper
117 100
82 65.9 50.2 75.2
119 32.6 24.8 37.2





#58

Ethyl Benzene

Concen: 0.125 ppbv m

RT: 12.83 min Scan# 3078

Delta R.T. -0.02 min

Lab File: VL033951.D

Acq: 25 Jun 2019 00:35

Instrument :

MSVOA_L

ClientSampleId :

TZC-SSDS-AREA-C-2DL

Tot Ion: 91 Resp: 30195

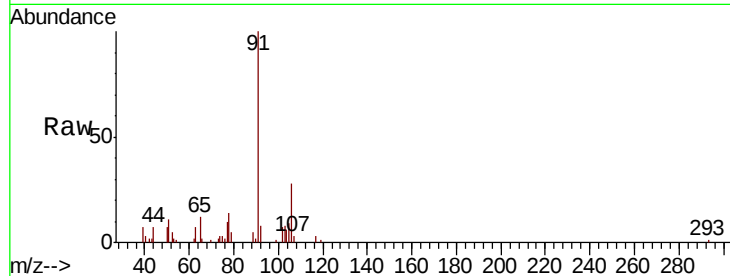
Ion Ratio Lower Upper

91 100

106 28.4 23.0 34.6

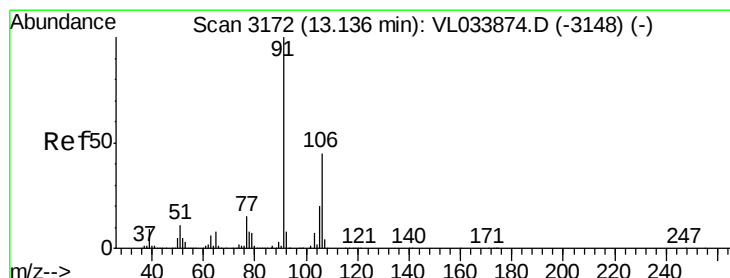
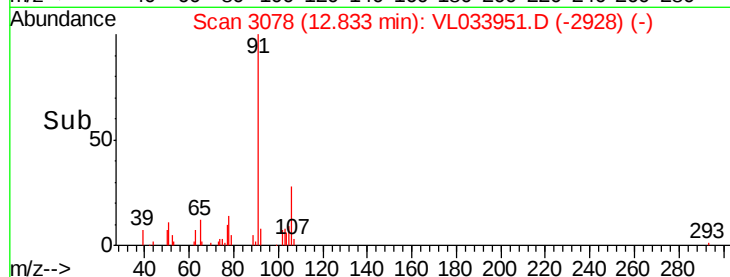
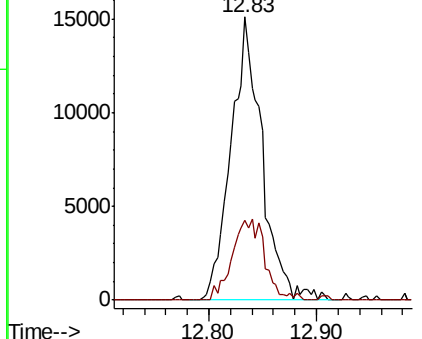
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.657 ppbv m

RT: 13.10 min Scan# 3160

Delta R.T. -0.04 min

Lab File: VL033951.D

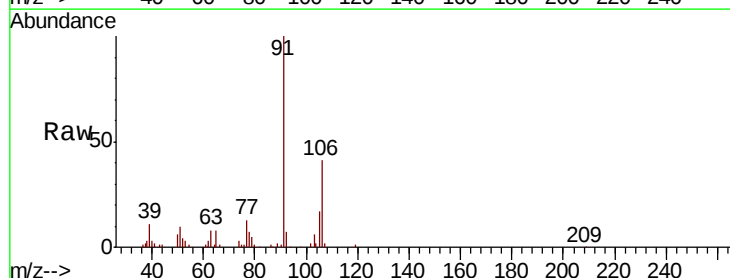
Acq: 25 Jun 2019 00:35

Tgt Ion: 91 Resp: 143960

Ion Ratio Lower Upper

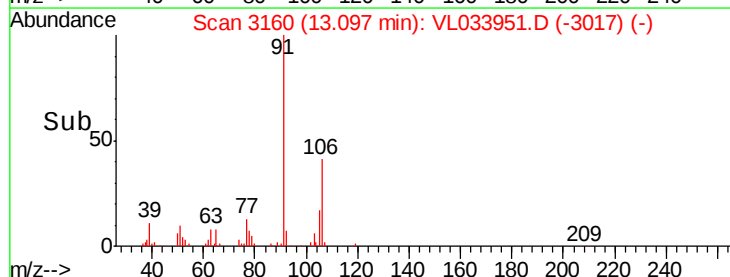
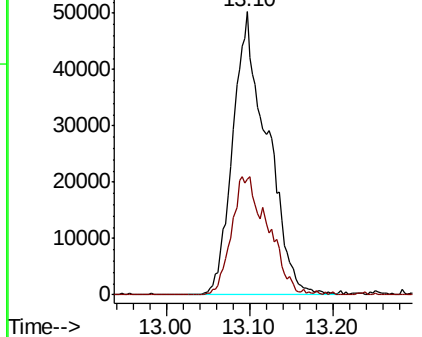
91 100

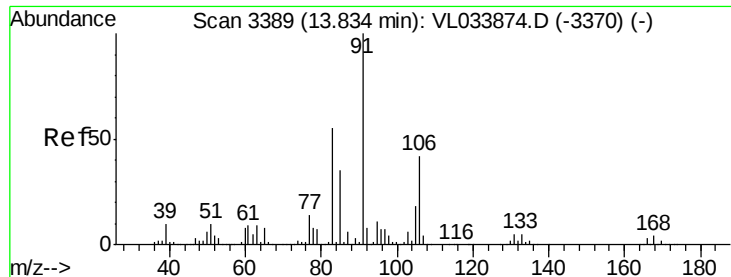
106 0.0 35.8 53.8#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





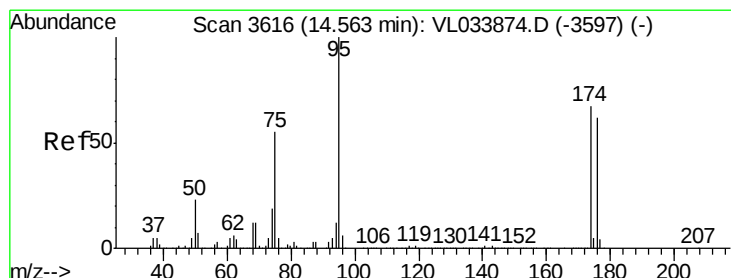
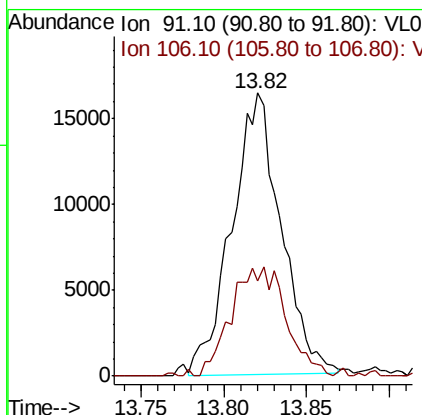
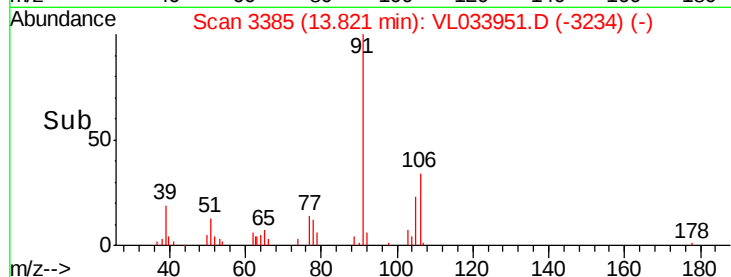
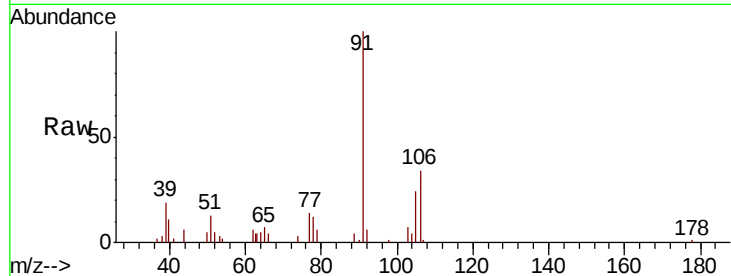
#60
o-Xylene
Concen: 0.150 ppbv
RT: 13.82 min Scan# 3385
Delta R.T. -0.01 min
Lab File: VL033951.D
Acq: 25 Jun 2019 00:35

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-C-2DL

Tot Ion: 91 Resp: 33893
Ion Ratio Lower Upper
91 100
106 44.3 21.7 65.1

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.916 ppbv
RT: 14.54 min Scan# 3610
Delta R.T. -0.02 min
Lab File: VL033951.D
Acq: 25 Jun 2019 00:35

Tgt Ion: 95 Resp: 1740545
Ion Ratio Lower Upper
95 100
174 68.4 54.0 81.0
175 4.8 3.8 5.8

