

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033936.D
 Acq On : 24 Jun 2019 14:37
 Operator : SY/AP
 Sample : K3481-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
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 6/26/2019 8:15:34 AM

Quant Time: Jun 25 04:02:11 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	957627	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.27	114	2345308	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.21	117	2543181	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.54	95	2076768	9.94	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.66	45	13728	1.000	ppbv	97
15) Acetone	3.90	43	78005	0.559	ppbv	92
58) Ethyl Benzene	12.83	91	39399m	0.137	ppbv	
59) m/p-Xylene	13.09	91	192319	0.738	ppbv	99
60) o-Xylene	13.82	91	63479	0.236	ppbv	100

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

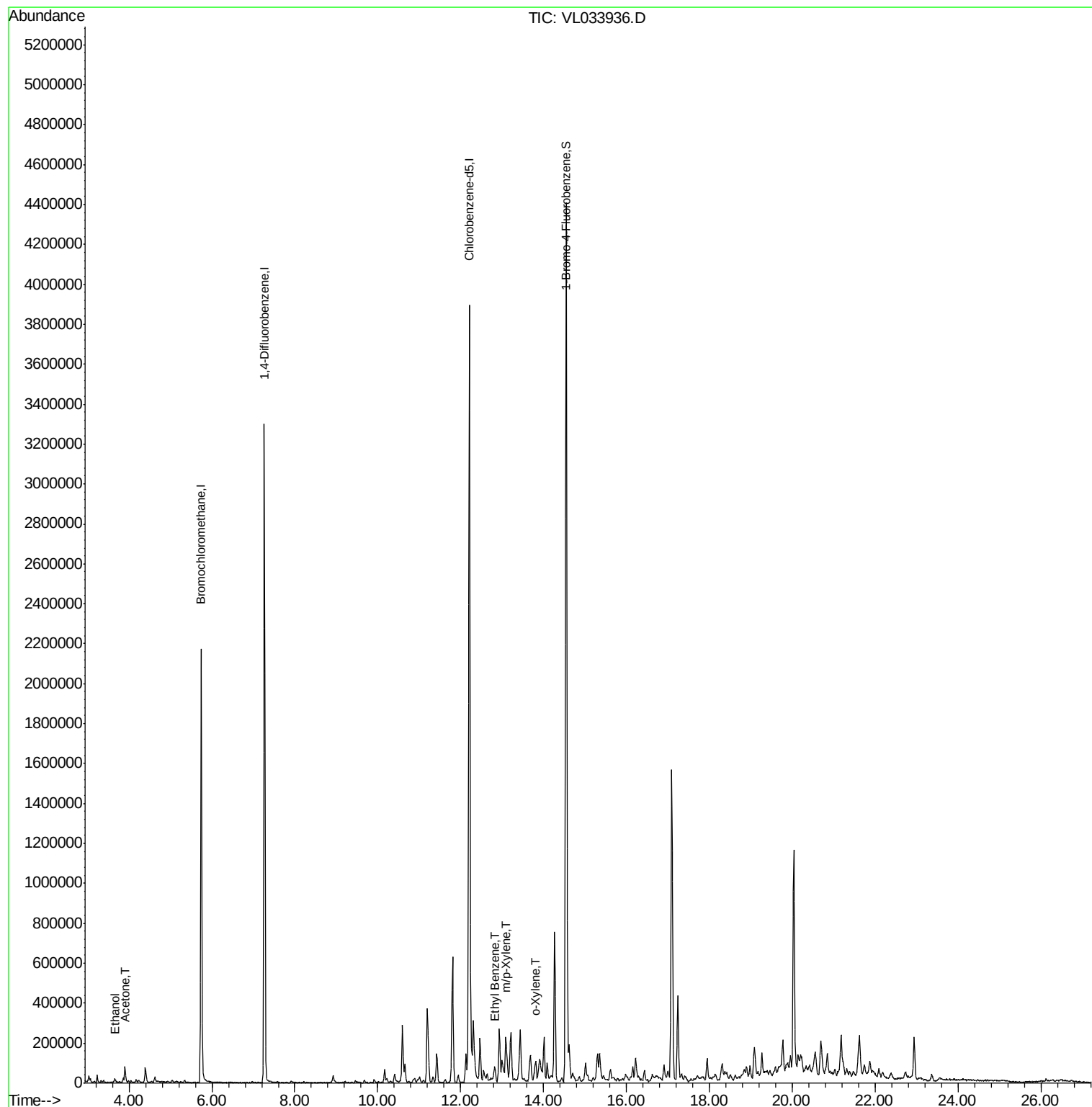
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062419\
Data File : VL033936.D
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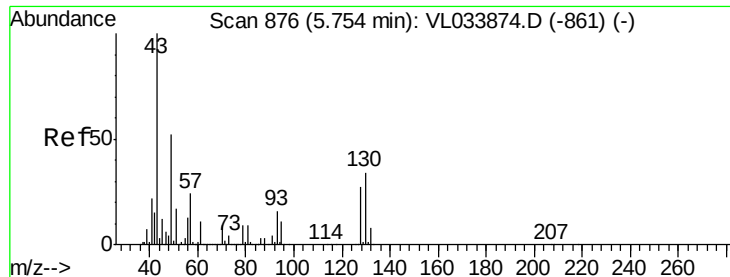
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.74 min Scan# 872

Delta R.T. -0.01 min

Lab File: VL033936.D

Acq: 24 Jun 2019 14:37

Instrument :

MSVOA_L

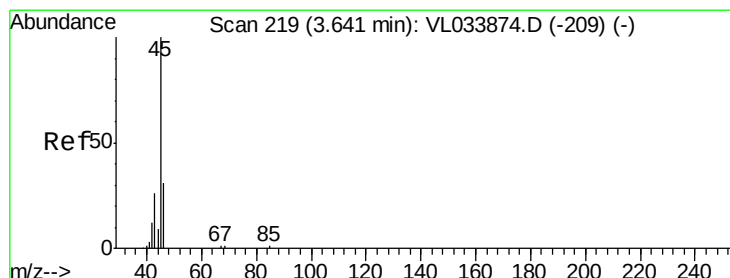
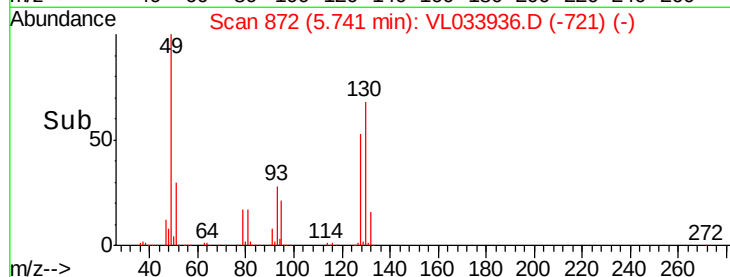
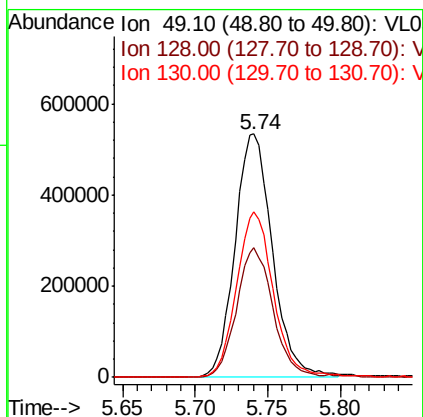
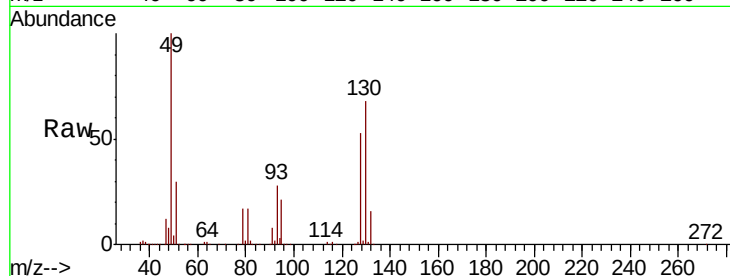
ClientSampleId :

TZC-SSDS-AREA-A-2DL

Tot Ion:	49	Resp:	957627
Ion	Ratio	Lower	Upper
49	100		
128	52.7	25.5	76.5
130	67.4	32.5	97.4

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#13

Ethanol

Concen: 1.000 ppbv

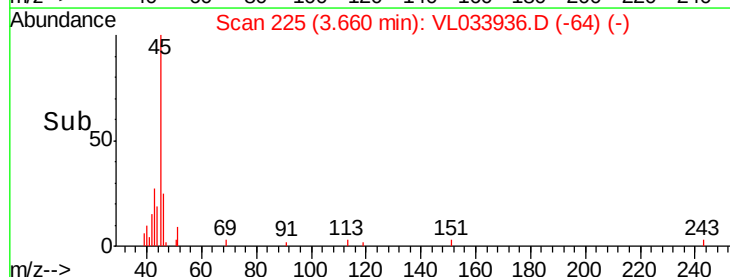
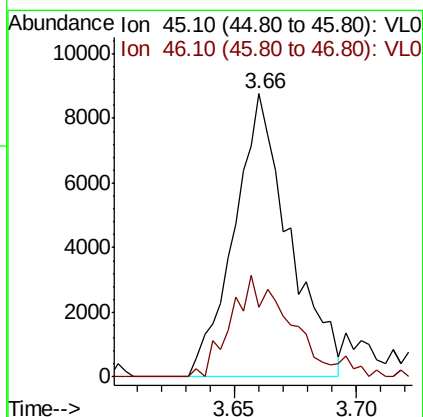
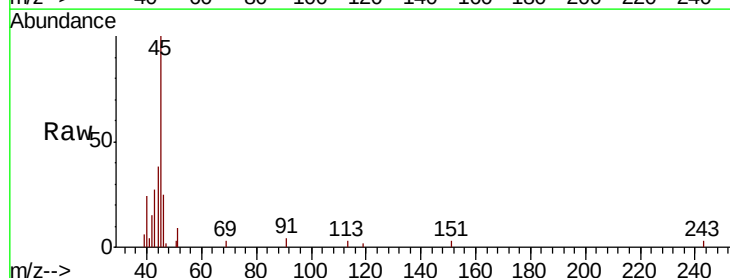
RT: 3.66 min Scan# 225

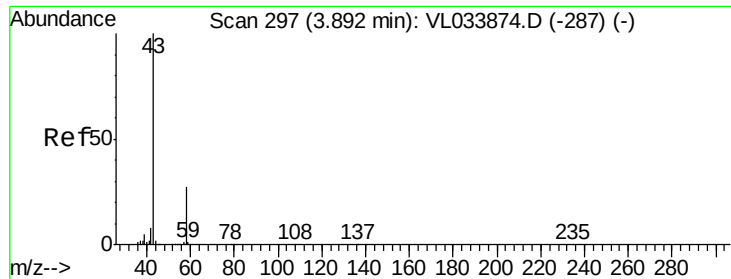
Delta R.T. 0.02 min

Lab File: VL033936.D

Acq: 24 Jun 2019 14:37

Tgt Ion:	45	Resp:	13728
Ion	Ratio	Lower	Upper
45	100		
46	39.8	15.3	61.1





#15

Acetone

Concen: 0.559 ppbv

RT: 3.90 min Scan# 300

Delta R.T. 0.01 min

Lab File: VL033936.D

Acq: 24 Jun 2019 14:37

Instrument :

MSVOA_L

ClientSampleId :

TZC-SSDS-AREA-A-2DL

Tot Ion: 43 Resp: 78005

Ion Ratio Lower Upper

43 100

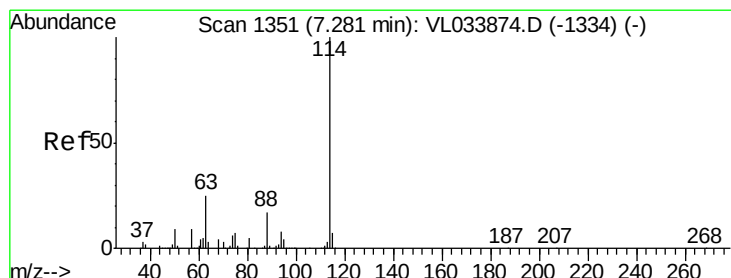
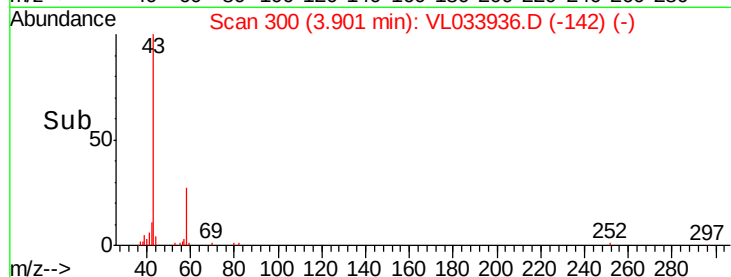
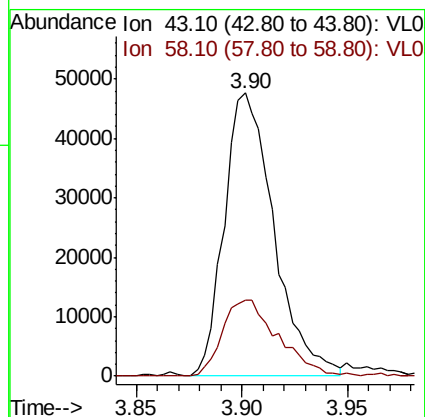
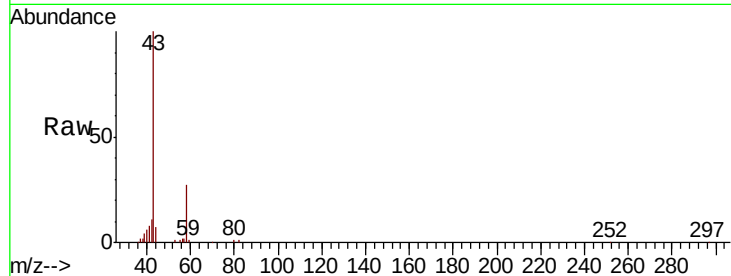
58 30.6 21.3 31.9

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.27 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VL033936.D

Acq: 24 Jun 2019 14:37

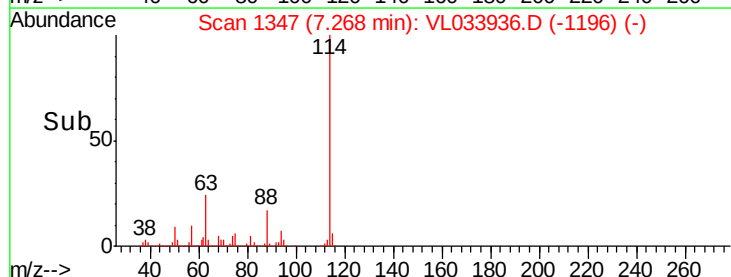
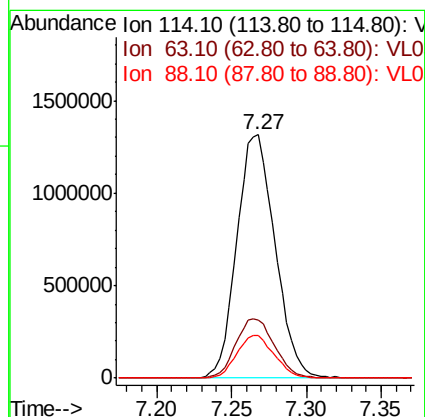
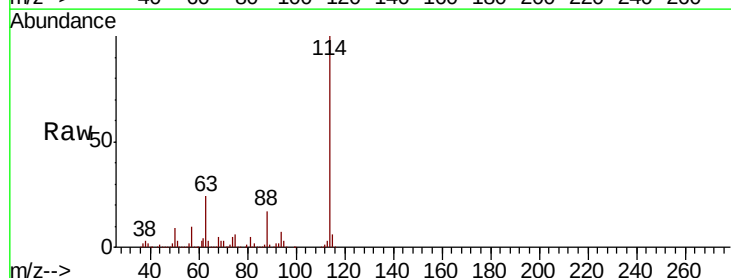
Tgt Ion: 114 Resp: 2345308

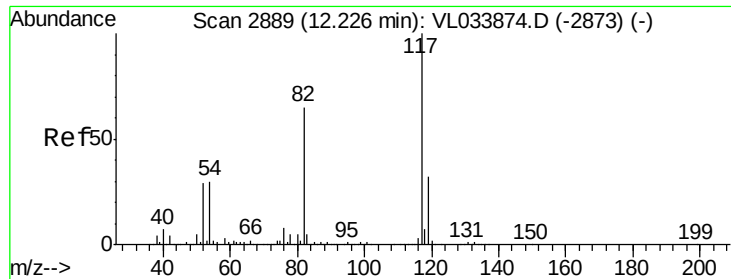
Ion Ratio Lower Upper

114 100

63 24.8 21.1 31.7

88 17.4 14.2 21.4





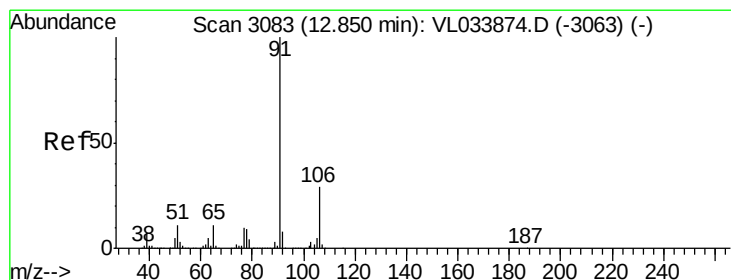
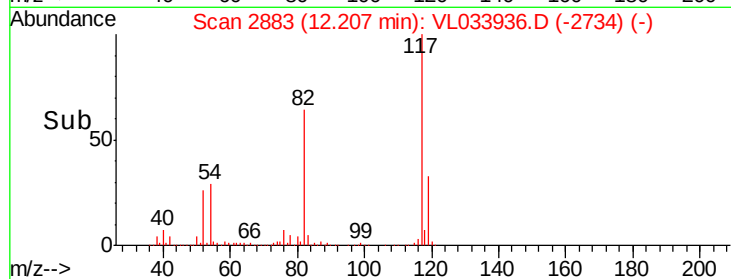
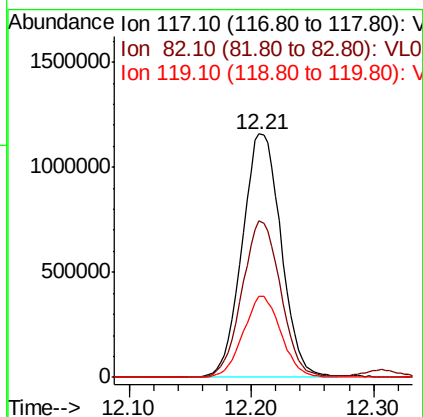
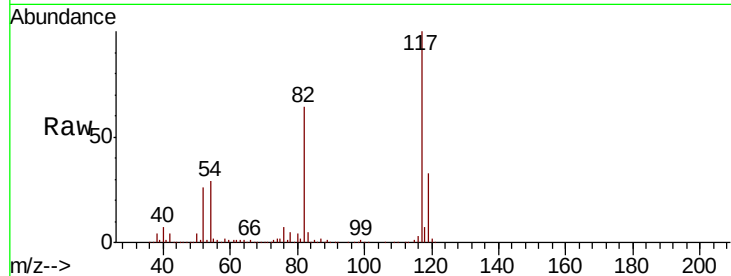
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2883
Delta R.T. -0.02 min
Lab File: VL033936.D
Acq: 24 Jun 2019 14:37

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.9	50.2	75.2
119	32.5	24.8	37.2

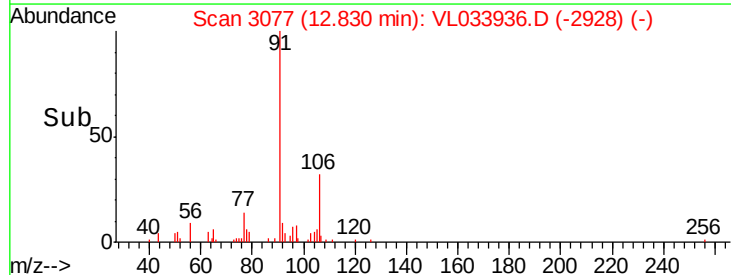
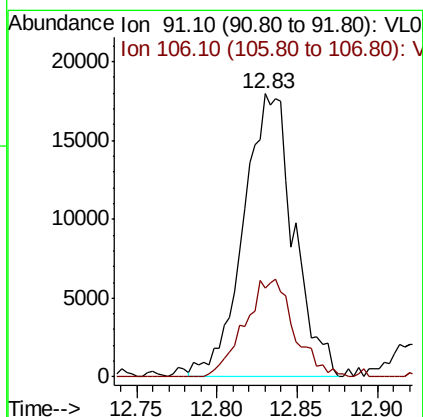
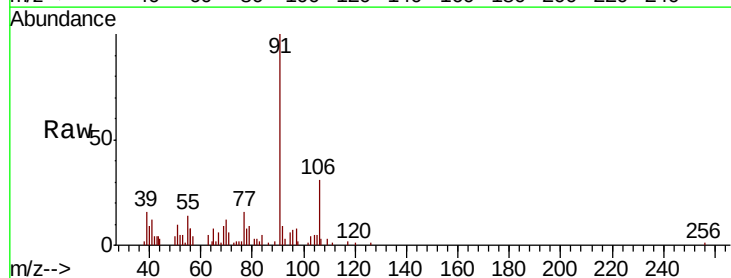
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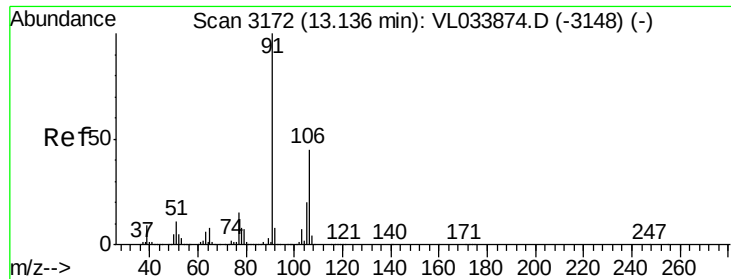
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#58
Ethyl Benzene
Concen: 0.137 ppbv m
RT: 12.83 min Scan# 3077
Delta R.T. -0.02 min
Lab File: VL033936.D
Acq: 24 Jun 2019 14:37

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	23.0	34.6





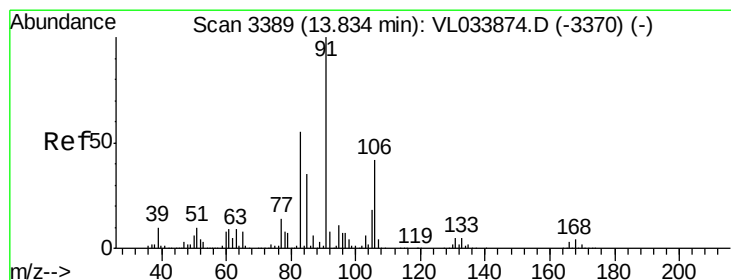
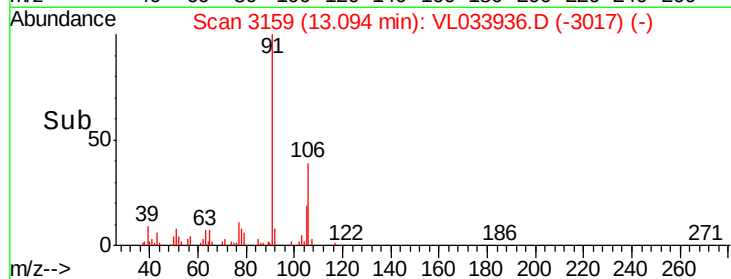
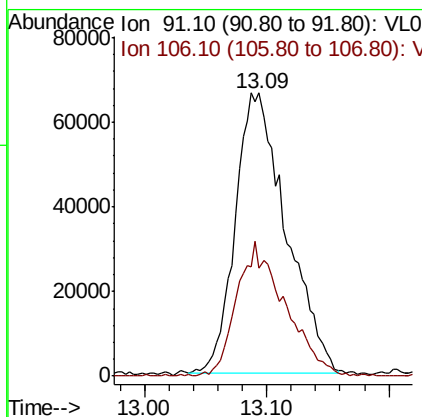
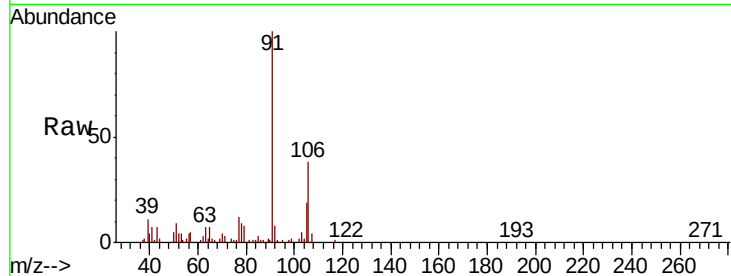
#59
m/p-Xylene
Concen: 0.738 ppbv
RT: 13.09 min Scan# 3159
Delta R.T. -0.04 min
Lab File: VL033936.D
Acq: 24 Jun 2019 14:37

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

Tot Ion: 91 Resp: 192319
Ion Ratio Lower Upper
91 100
106 45.5 35.8 53.8

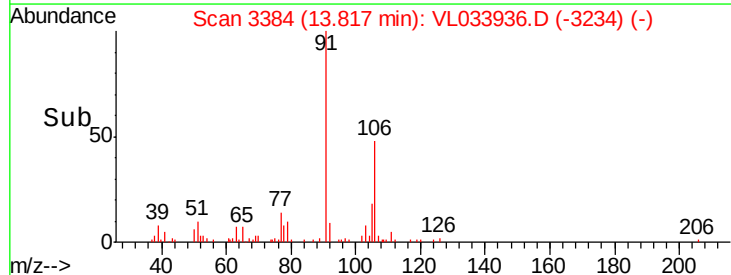
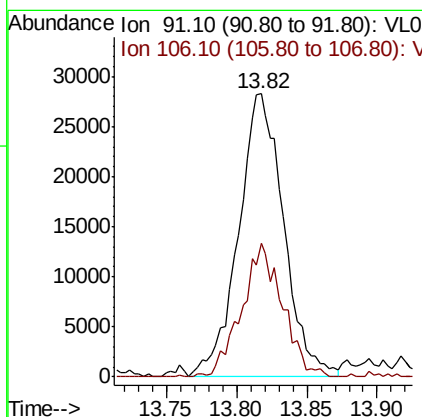
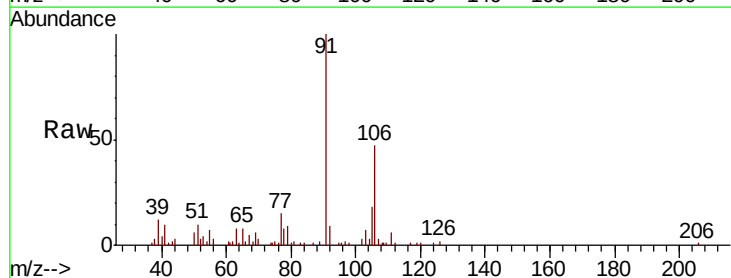
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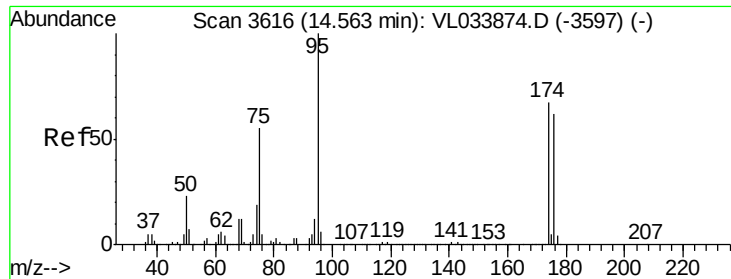
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#60
o-Xylene
Concen: 0.236 ppbv
RT: 13.82 min Scan# 3384
Delta R.T. -0.02 min
Lab File: VL033936.D
Acq: 24 Jun 2019 14:37

Tgt Ion: 91 Resp: 63479
Ion Ratio Lower Upper
91 100
106 43.2 21.7 65.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.942 ppbv
 RT: 14.54 min Scan# 3610
 Delta R.T. -0.02 min
 Lab File: VL033936.D
 Acq: 24 Jun 2019 14:37

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

Tot Ion: 95 Resp: 2076768
 Ion Ratio Lower Upper
 95 100
 174 69.2 54.0 81.0
 175 5.0 3.8 5.8

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