

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062619\
Quantitation Report (QT Reviewed)

Data File : VL033977.D
Acq On : 26 Jun 2019 21:16
Operator : SY/AP
Sample : K3481-03DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
TZC-SSDS-AREA-B-1DL

Manual Integrations
APPROVED

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6/27/2019 3:01:33 PM

Quant Time: Jun 27 14:50:32 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	5.73	49	863640	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	2118293	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	2069672	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.54	95	1861154	10.95	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.50%

Target Compounds					Qvalue
13) Ethanol	3.64	45	12921m	1.044	ppbv
15) Acetone	3.89	43	248305	1.971	ppbv 99
17) tert-Butyl alcohol	4.35	59	165683	1.683	ppbv 96
61) Styrene	13.65	104	713585	5.033	ppbv 97

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

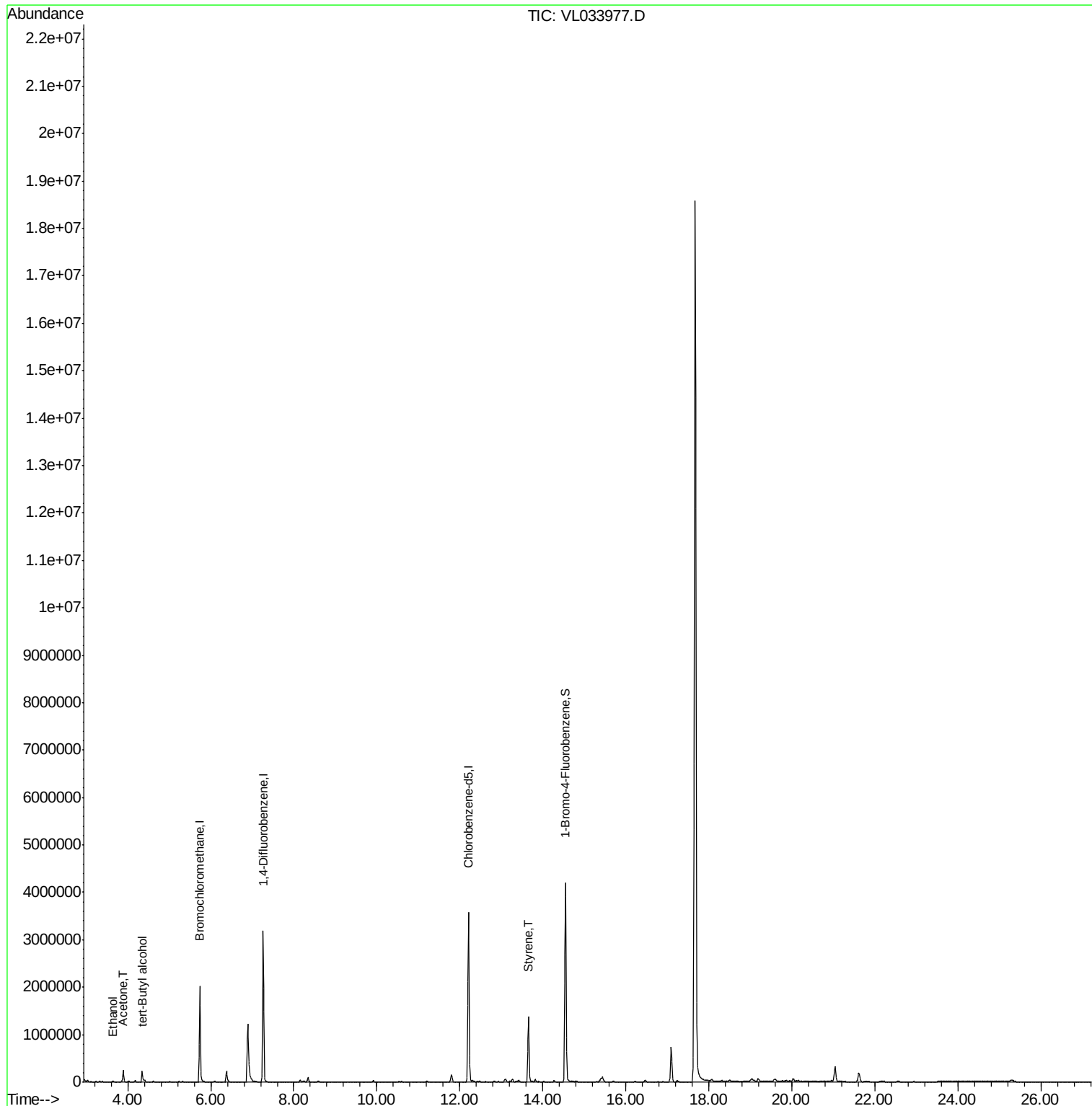
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ALS Vial : 1 Sample Multiplier: 1

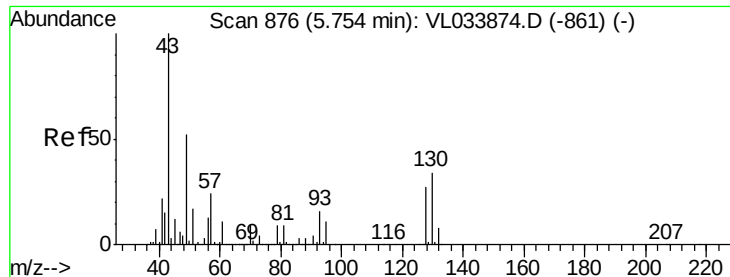
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.73 min Scan# 870

Delta R.T. -0.02 min

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Instrument :

MSVOA_L

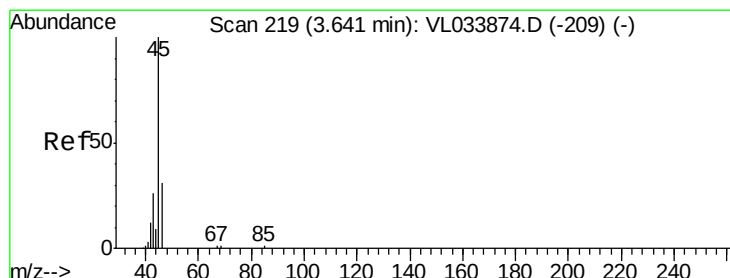
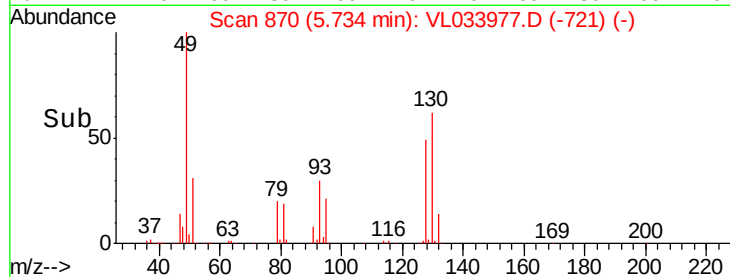
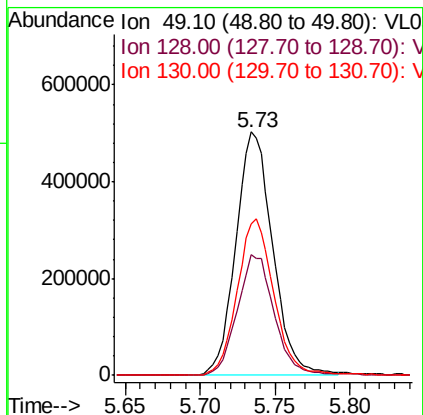
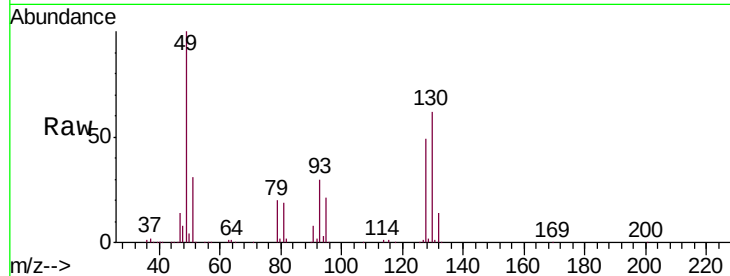
ClientSampleId :

TZC-SSDS-AREA-B-1DL

Tgt Ion:	49	Resp:	863640
Ion	Ratio	Lower	Upper
49	100		
128	49.9	25.5	76.5
130	64.7	32.5	97.4

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#13

Ethanol

Concen: 1.044 ppbv m

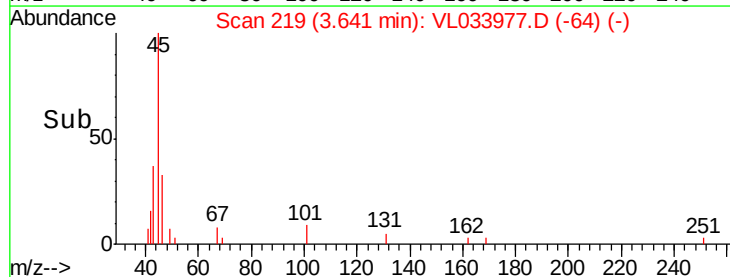
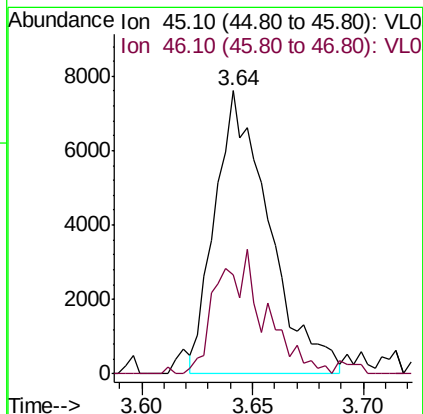
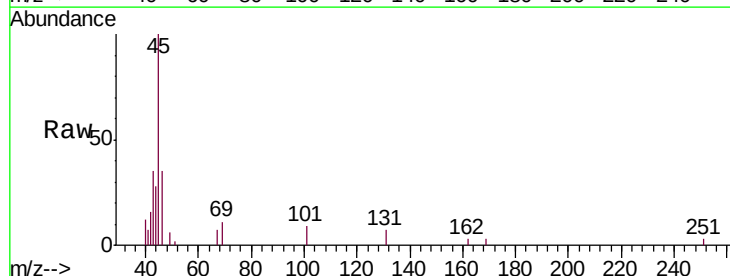
RT: 3.64 min Scan# 219

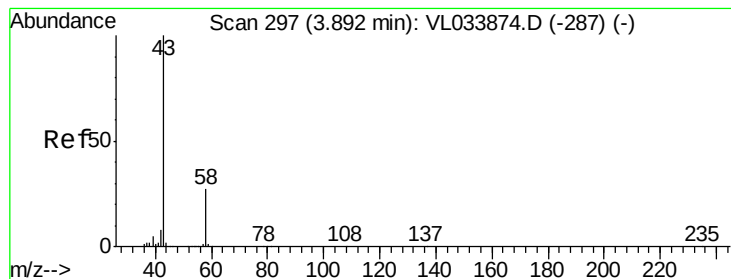
Delta R.T. -0.00 min

Lab File: VL033977.D

Acq: 26 Jun 2019 21:16

Tgt Ion:	45	Resp:	12921
Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.3	61.1#





#15

Acetone

Concen: 1.971 ppbv

RT: 3.89 min Scan# 296

Delta R.T. -0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

TZC-SSDS-AREA-B-1DL

Tgt Ion: 43 Resp: 248305

Ion Ratio Lower Upper

43 100

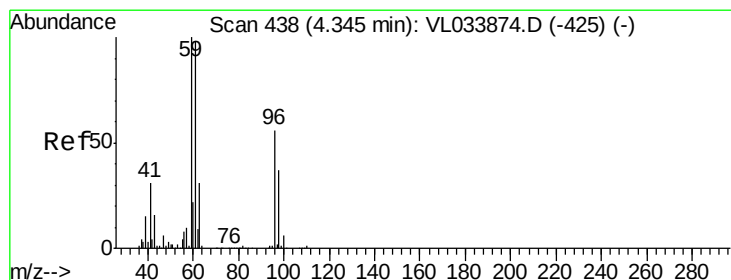
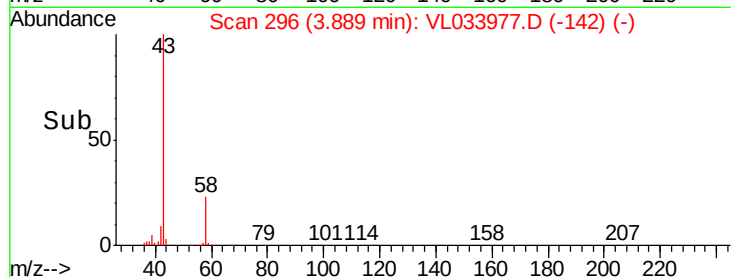
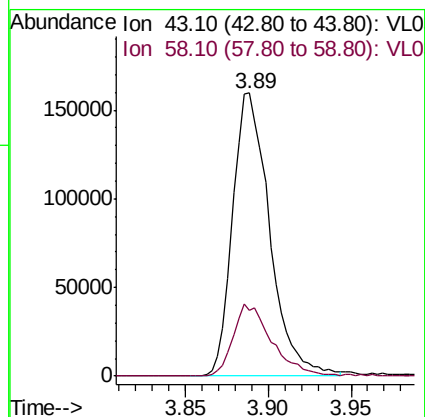
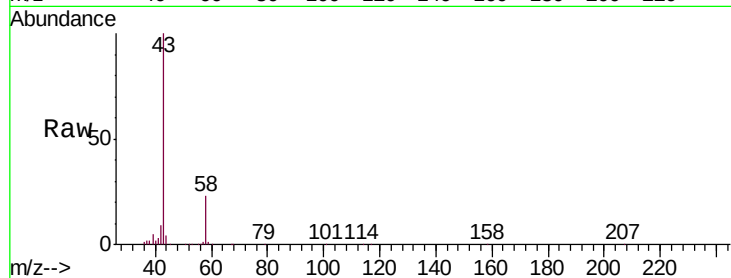
58 26.9 21.3 31.9

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#17

tert-Butyl alcohol

Concen: 1.683 ppbv

RT: 4.35 min Scan# 438

Delta R.T. -0.00 min

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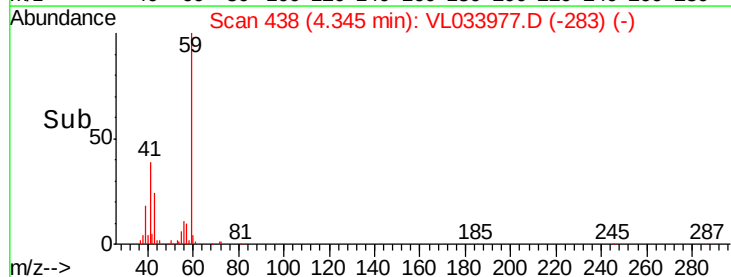
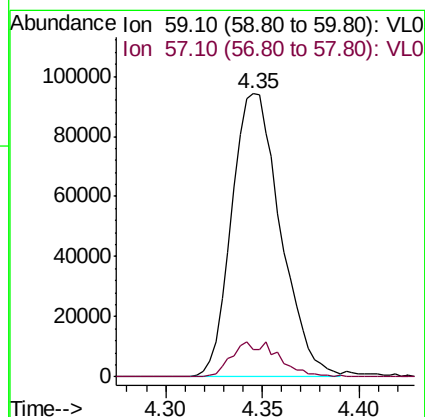
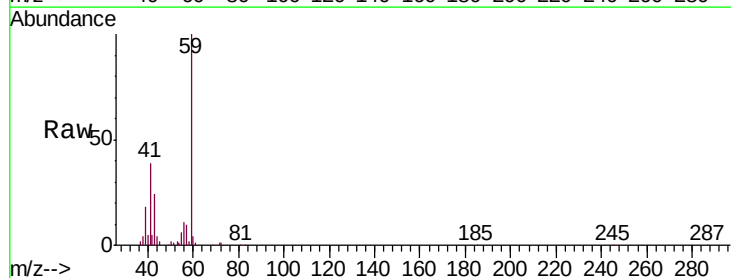
Acq: 26 Jun 2019 21:16

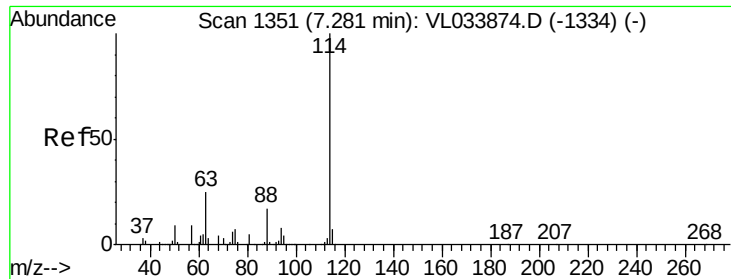
Tgt Ion: 59 Resp: 165683

Ion Ratio Lower Upper

59 100

57 12.1 8.4 12.6





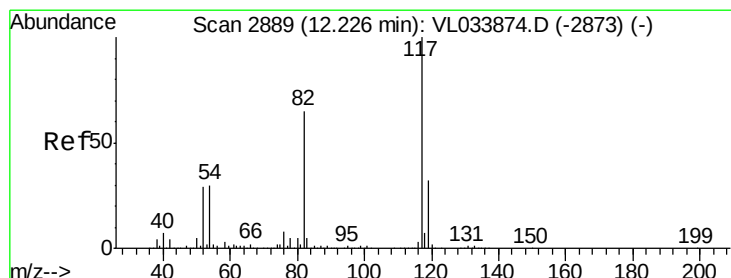
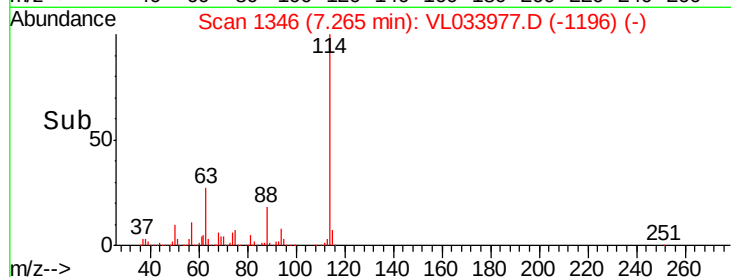
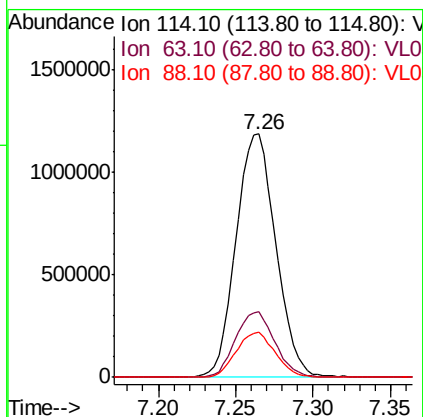
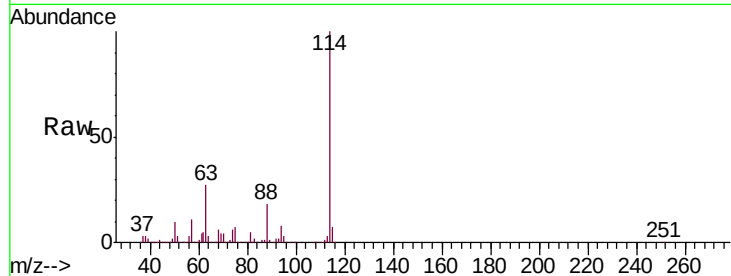
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.26 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: VL033977.D
 Acq: 26 Jun 2019 21:16

Instrument :
 MSVOA_L
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Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.1	31.7
88	18.2	14.2	21.4

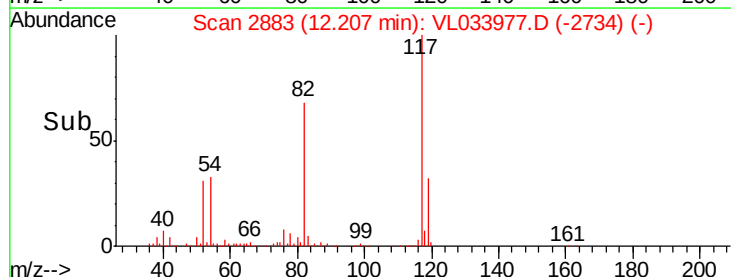
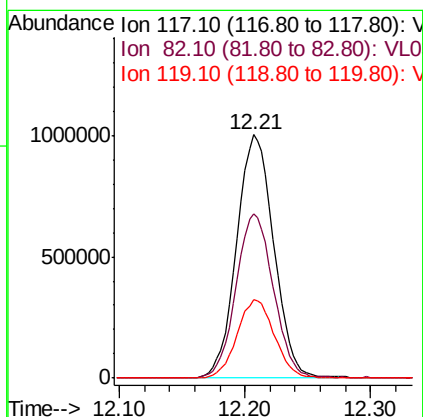
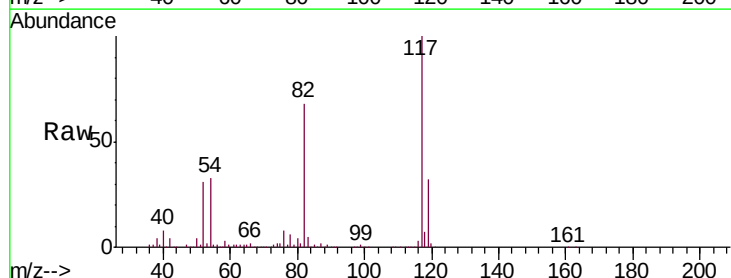
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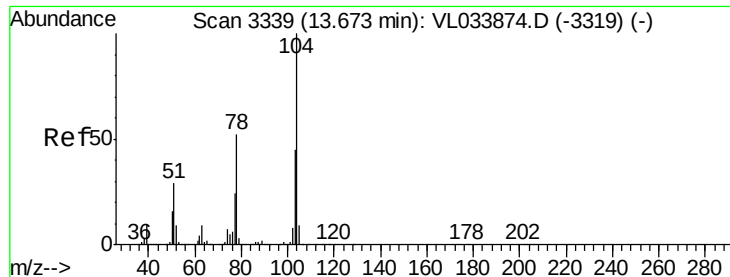
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.21 min Scan# 2883
 Delta R.T. -0.02 min
 Lab File: VL033977.D
 Acq: 26 Jun 2019 21:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.6	50.2	75.2
119	32.5	24.8	37.2





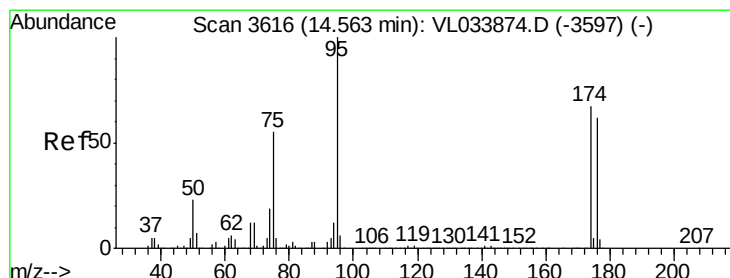
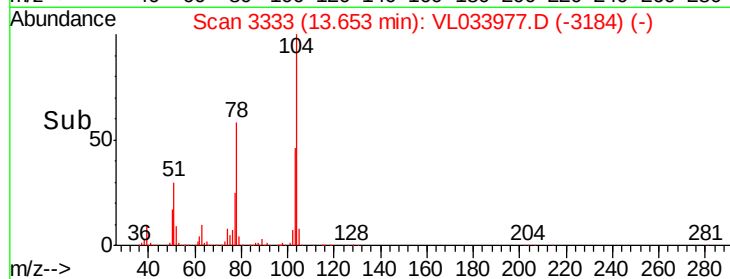
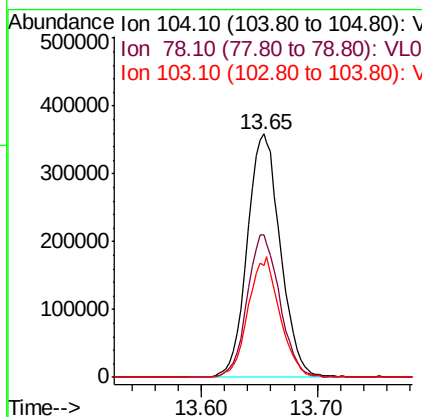
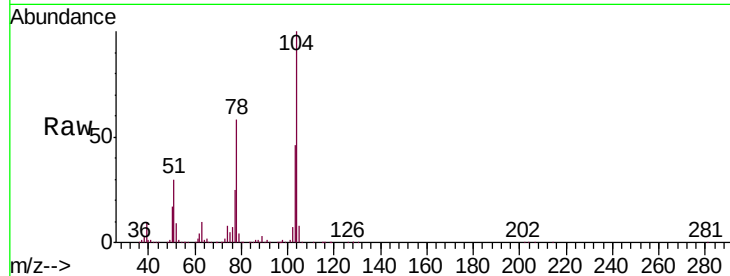
#61
Styrene
Concen: 5.033 ppbv
RT: 13.65 min Scan# 3333
Delta R.T. -0.02 min
Lab File: VL033977.D
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Tgt Ion	Ratio	Lower	Upper
104	100		
78	57.9	43.4	65.0
103	47.8	37.6	56.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.948 ppbv
RT: 14.54 min Scan# 3610
Delta R.T. -0.02 min
Lab File: VL033977.D
Acq: 26 Jun 2019 21:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.1	54.0	81.0
175	4.7	3.8	5.8

