

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL036014.D
 Acq On : 25 Nov 2020 4:16
 Operator : SY/AP
 Sample : L4883-03 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

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 11/27/2020 1:17:49 PM

Quant Time: Nov 26 14:47:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1242120	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4308517	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4088211	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3326081	11.45	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	112685m	9.541	ppbv	
15) Acetone	3.83	43	689534	5.193	ppbv	98
20) Methylene Chloride	4.32	84	122713	1.313	ppbv	97
34) 2-Butanone	5.22	43	72527m	0.519	ppbv	
53) Toluene	9.78	91	37142m	0.096	ppbv	
59) m/p-Xylene	12.95	91	40519m	0.096	ppbv	
70) n-Butylbenzene	18.54	91	87006	0.139	ppbv	100

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

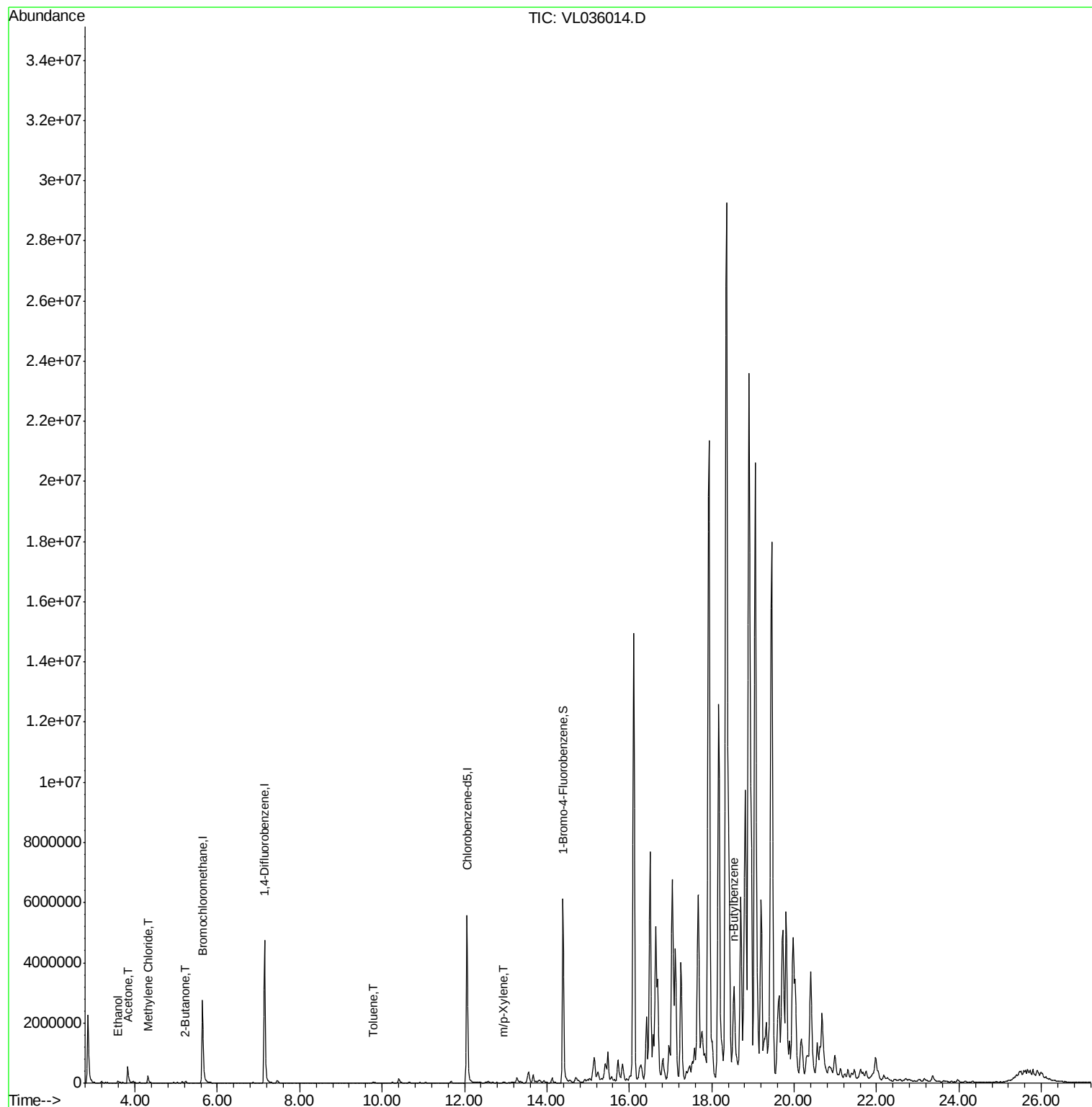
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112420\
Data File : VL036014.D
Acq On : 25 Nov 2020 4:16
Operator : SY/AP
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Misc : 400ml/MSVOA L
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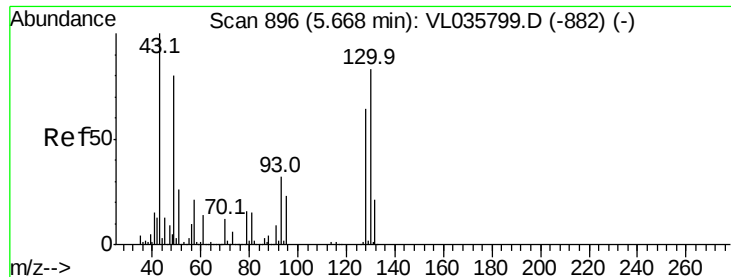
Instrument :
MSVOA_L
ClientSampleId :
SV1

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL036014.D

Acq: 25 Nov 2020 4:16

Instrument :

MSVOA_L

ClientSampled :

SV1

Tot Ion: 49 Resp: 1242120

Ion Ratio Lower Upper

49 100

128 75.7 41.5 124.6

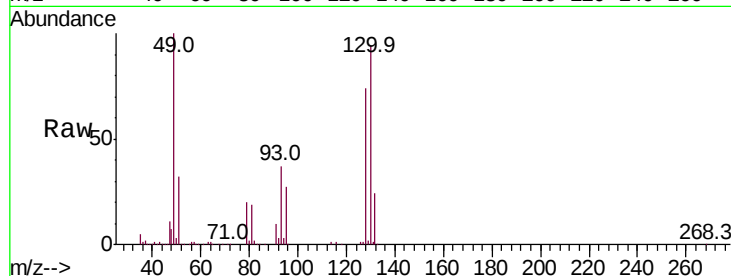
130 97.2 53.7 161.1

Manual Integrations

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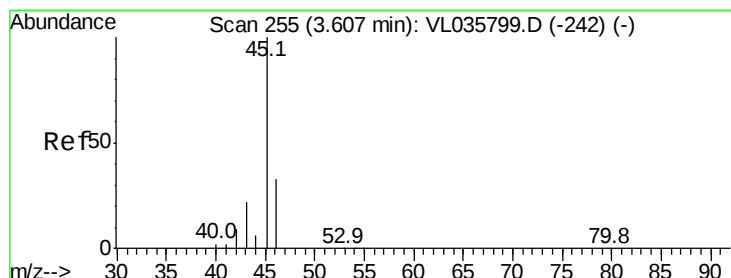
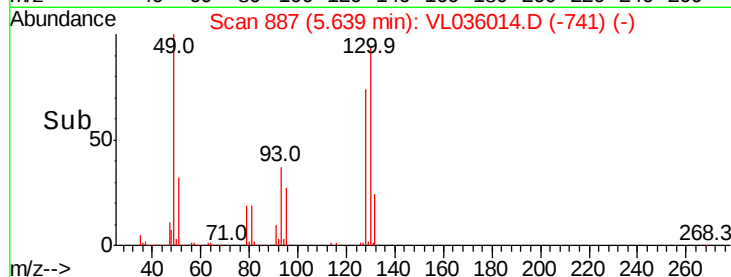
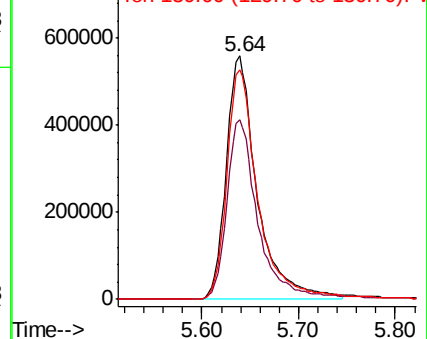
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 9.541 ppbv m

RT: 3.59 min Scan# 249

Delta R.T. -0.02 min

Lab File: VL036014.D

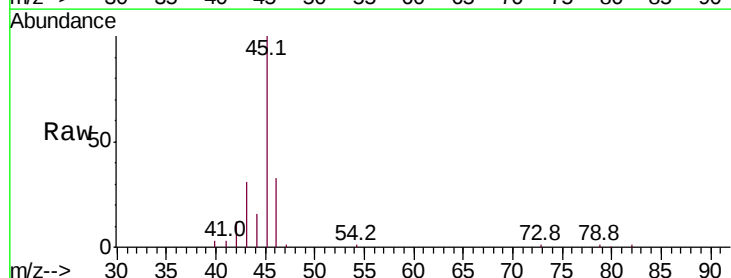
Acq: 25 Nov 2020 4:16

Tgt Ion: 45 Resp: 112685

Ion Ratio Lower Upper

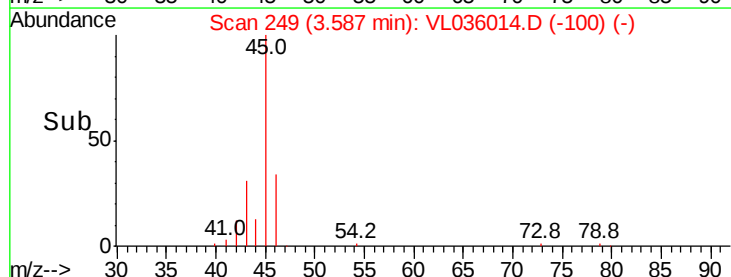
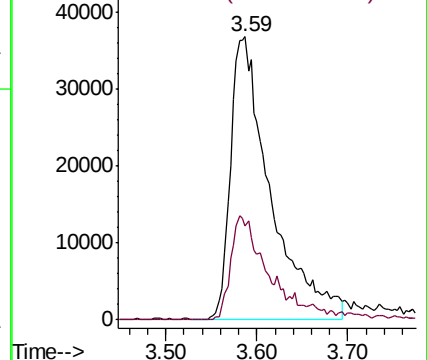
45 100

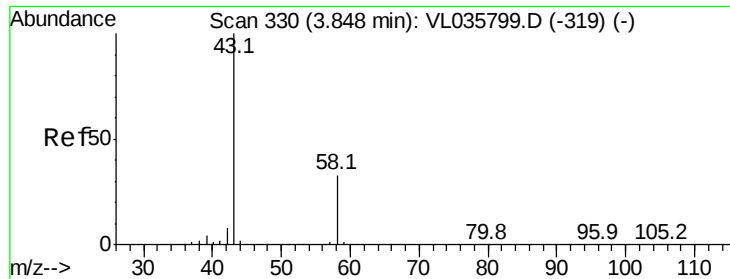
46 37.5 16.1 64.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 5.193 ppbv

RT: 3.83 min Scan# 323

Delta R.T. -0.02 min

Lab File: VL036014.D

Acq: 25 Nov 2020 4:16

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tot Ion: 43 Resp: 689534

Ion Ratio Lower Upper

43 100

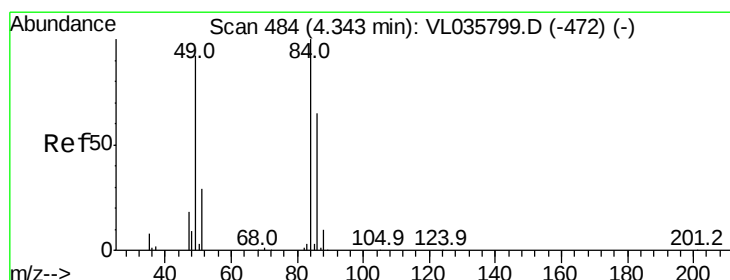
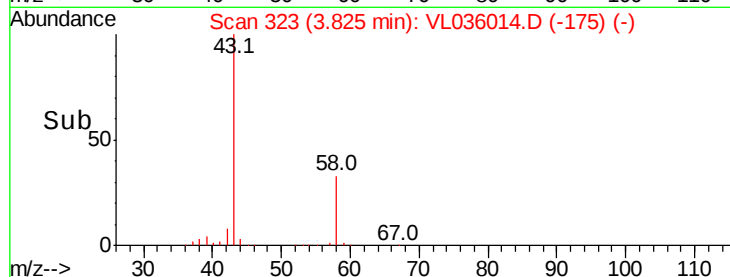
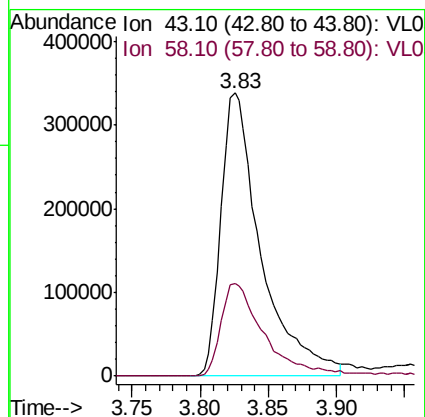
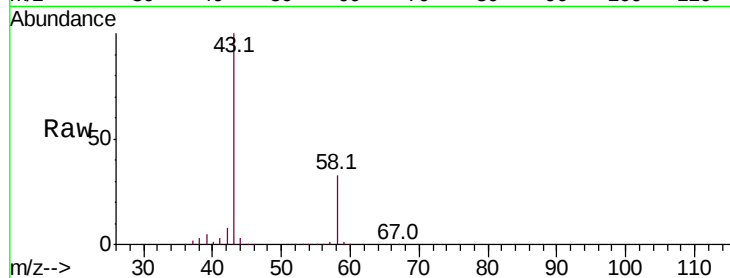
58 35.8 27.5 41.3

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#20

Methylene Chloride

Concen: 1.313 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.02 min

Lab File: VL036014.D

Acq: 25 Nov 2020 4:16

Tgt Ion: 84 Resp: 122713

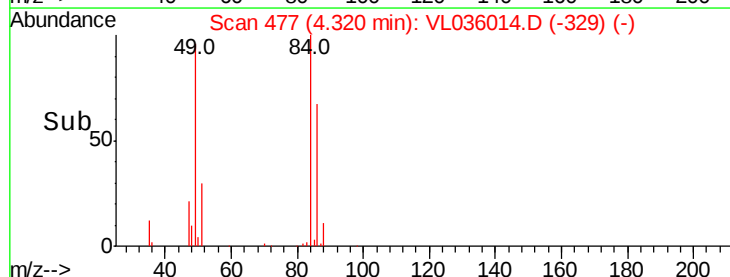
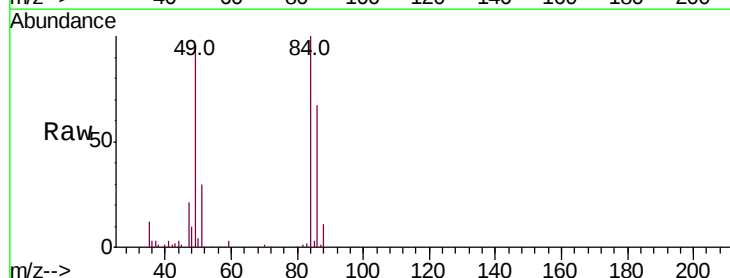
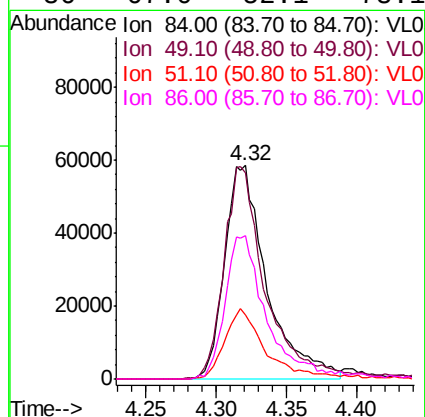
Ion Ratio Lower Upper

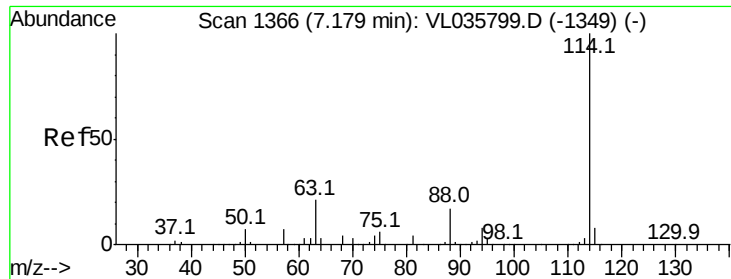
84 100

49 96.0 73.8 110.8

51 30.0 23.0 34.4

86 67.0 52.1 78.1





#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: VL036014.D
 Acq: 25 Nov 2020 4:16

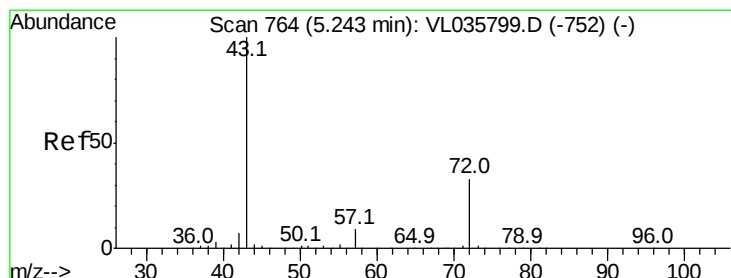
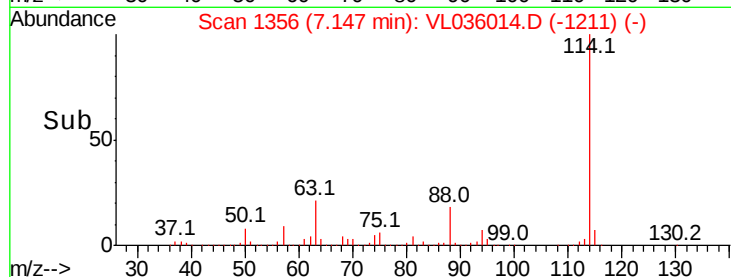
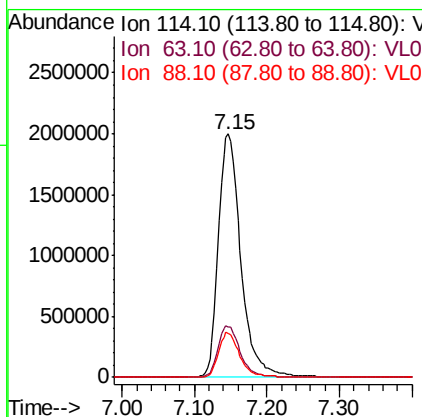
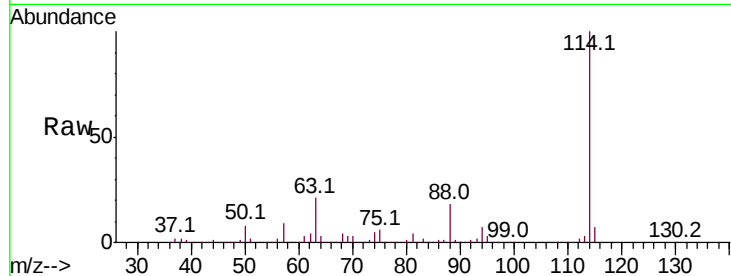
Instrument :
 MSVOA_L
 ClientSampled :
 SV1

Tot Ion:114 Resp: 4308517

Ion	Ratio	Lower	Upper
114	100		
63	21.1	16.1	24.1
88	17.5	13.7	20.5

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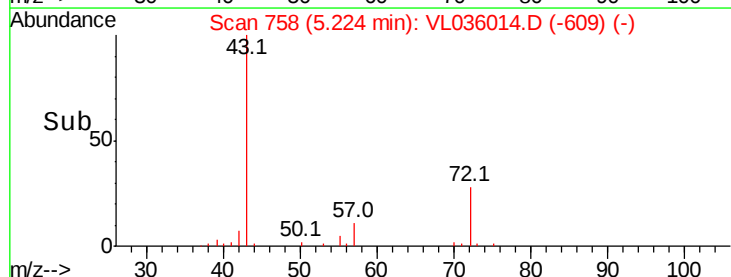
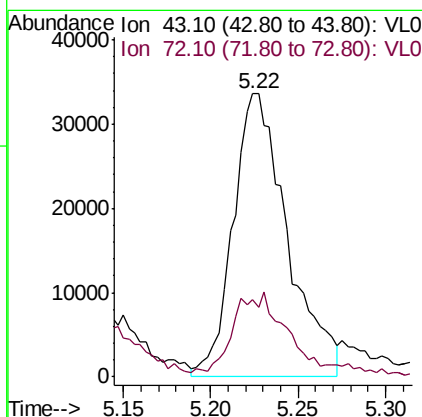
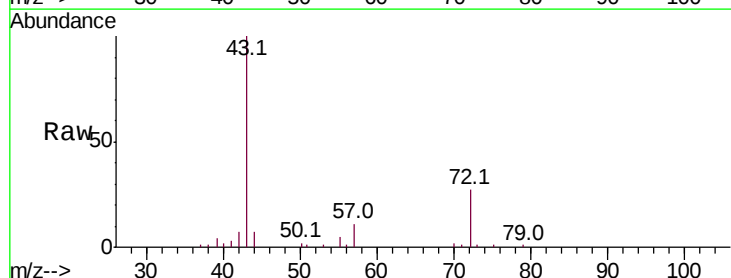
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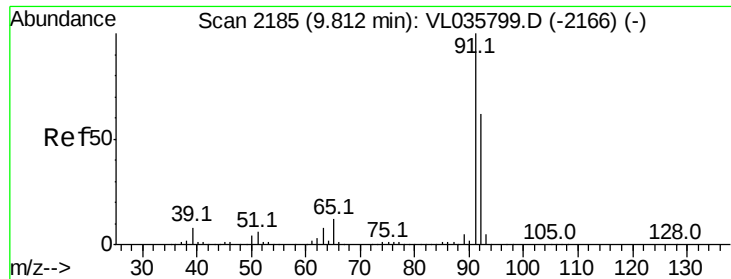


#34
 2-Butanone
 Concen: 0.519 ppbv m
 RT: 5.22 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: VL036014.D
 Acq: 25 Nov 2020 4:16

Tgt Ion: 43 Resp: 72527

Ion	Ratio	Lower	Upper
43	100		
72	33.0	26.5	39.7





#53

Toluene

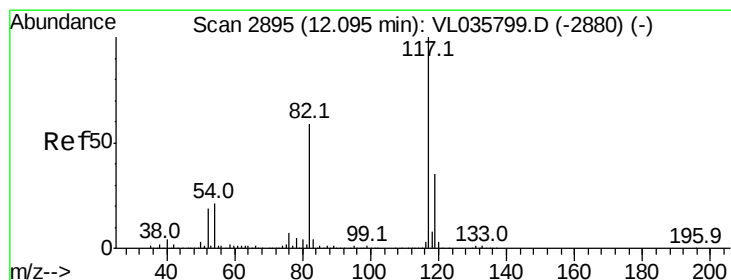
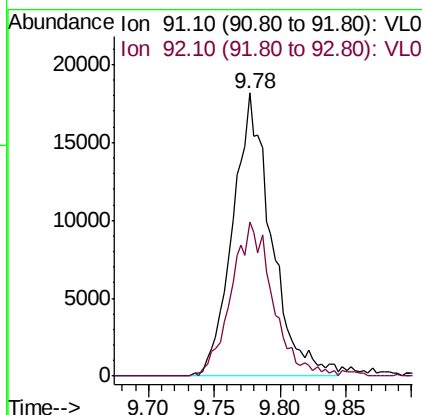
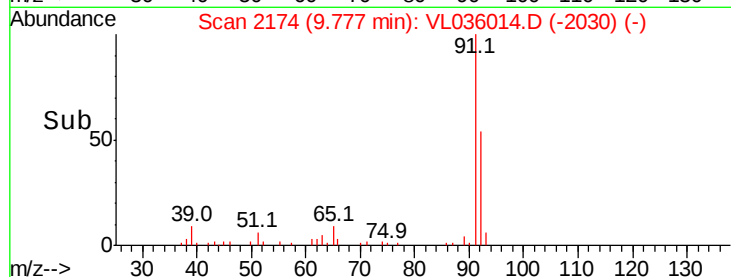
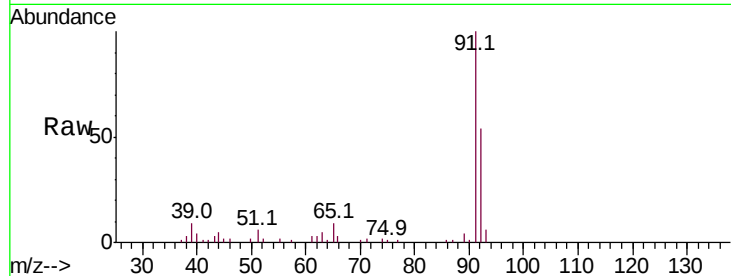
Concen: 0.096 ppbv m
RT: 9.78 min Scan# 2174
Delta R.T. -0.04 min
Lab File: VL036014.D
Acq: 25 Nov 2020 4:16

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion: 91 Resp: 37142
Ion Ratio Lower Upper
91 100
92 59.0 49.8 74.6

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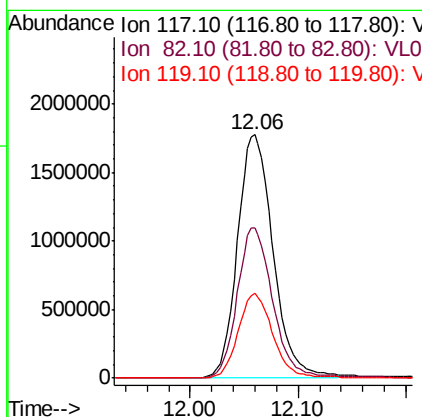
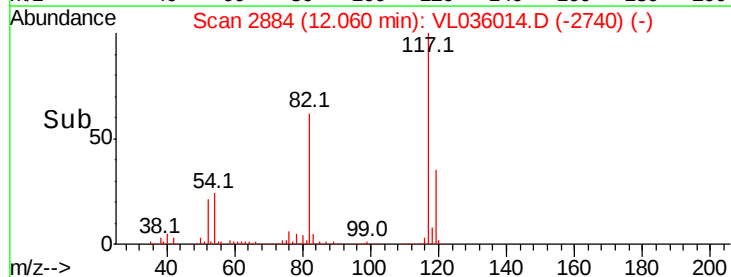
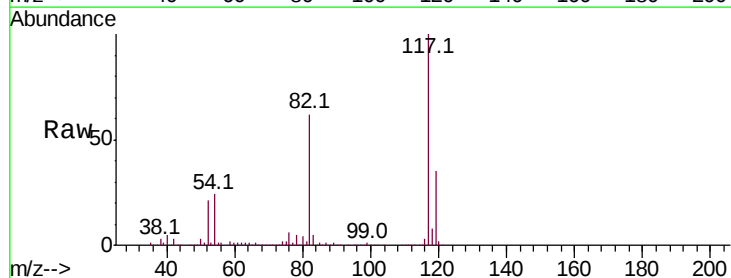


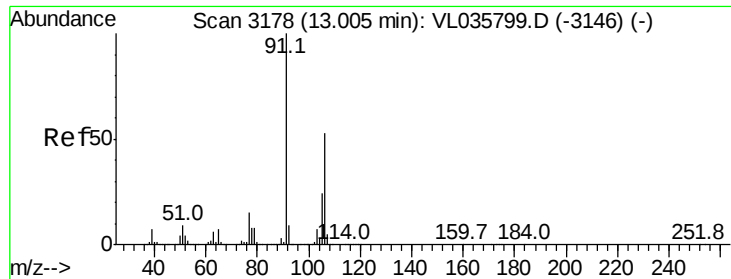
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL036014.D
Acq: 25 Nov 2020 4:16

Tgt Ion: 117 Resp: 4088211
Ion Ratio Lower Upper
117 100
82 62.6 50.6 76.0
119 34.4 52.6 78.8#





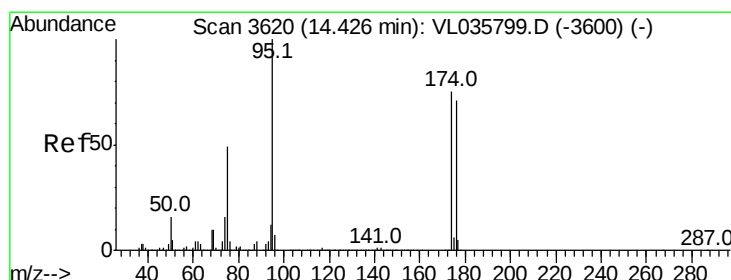
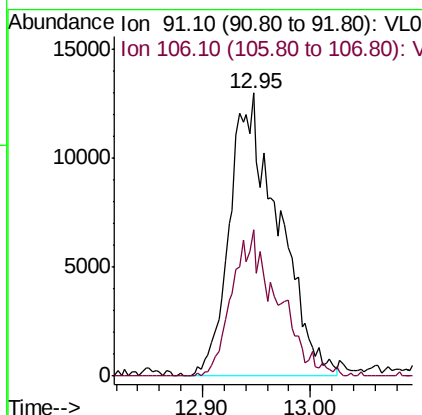
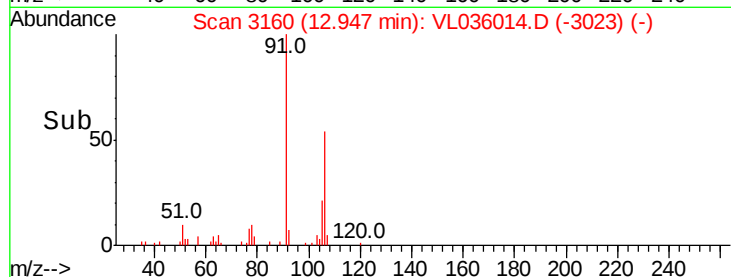
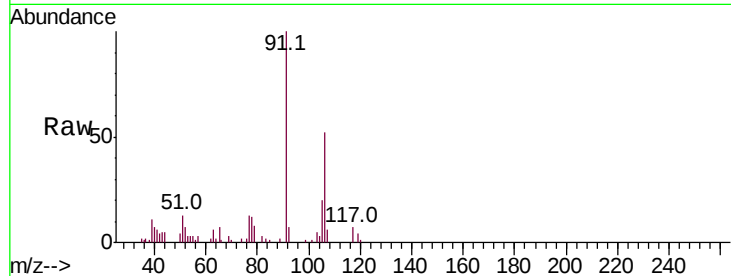
#59
m/p-Xylene
Concen: 0.096 ppbv m
RT: 12.95 min Scan# 3160
Delta R.T. -0.06 min
Lab File: VL036014.D
Acq: 25 Nov 2020 4:16

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion: 91 Resp: 40519
Ion Ratio Lower Upper
91 100
106 0.0 39.5 59.3#

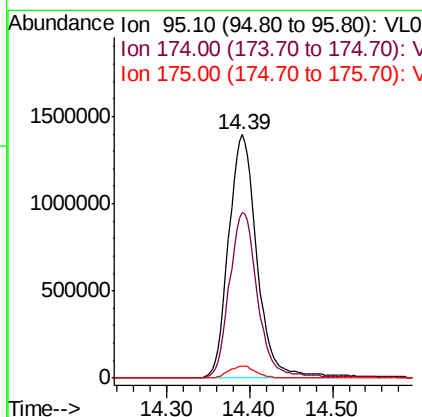
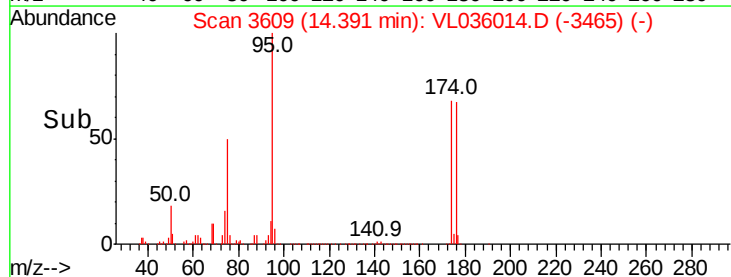
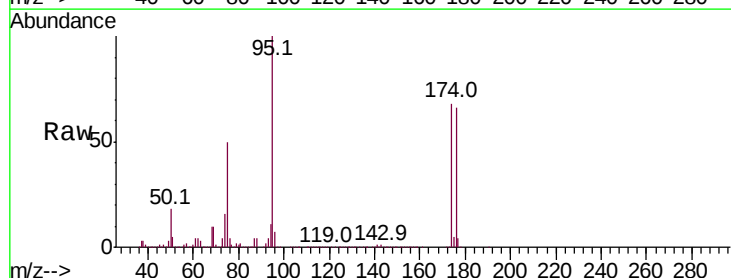
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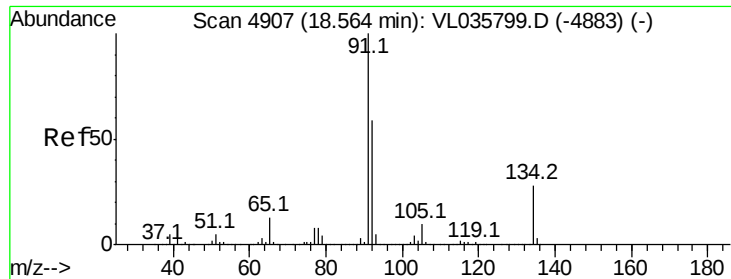
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#68
1-Bromo-4-Fluorobenzene
Concen: 11.451 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.04 min
Lab File: VL036014.D
Acq: 25 Nov 2020 4:16

Tgt Ion: 95 Resp: 3326081
Ion Ratio Lower Upper
95 100
174 69.1 59.8 89.6
175 4.9 4.3 6.5





#70
 n-Butylbenzene
 Concen: 0.139 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. -0.02 min
 Lab File: VL036014.D
 Acq: 25 Nov 2020 4:16

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Tot Ion	Ratio	Resp	Lower	Upper
91	100	87006		
92	57.0		45.7	68.5
134	26.9		21.0	31.4

Manual Integrations
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