

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022720\
 Data File : VL034708.D
 Acq On : 27 Feb 2020 14:33
 Operator : SY/AP
 Sample : L1662-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-1-M-ELECT-RMDL

Manual Integrations
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Quant Time: Feb 28 01:30:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 26 06:58:15 2020
 QLast Update : Wed Feb 26 06:58:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1021558	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.20	114	2072832	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.14	117	2062572	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1710930	10.12	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	8268m	0.179	ppbv	
13) Ethanol	3.60	45	18206	1.251	ppbv	99
15) Acetone	3.85	43	51638	0.444	ppbv	93
20) Methylene Chloride	4.34	84	23150	0.535	ppbv #	87
26) Hexane	5.69	57	15039m	0.158	ppbv	
53) Toluene	9.85	91	48629m	0.255	ppbv	

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

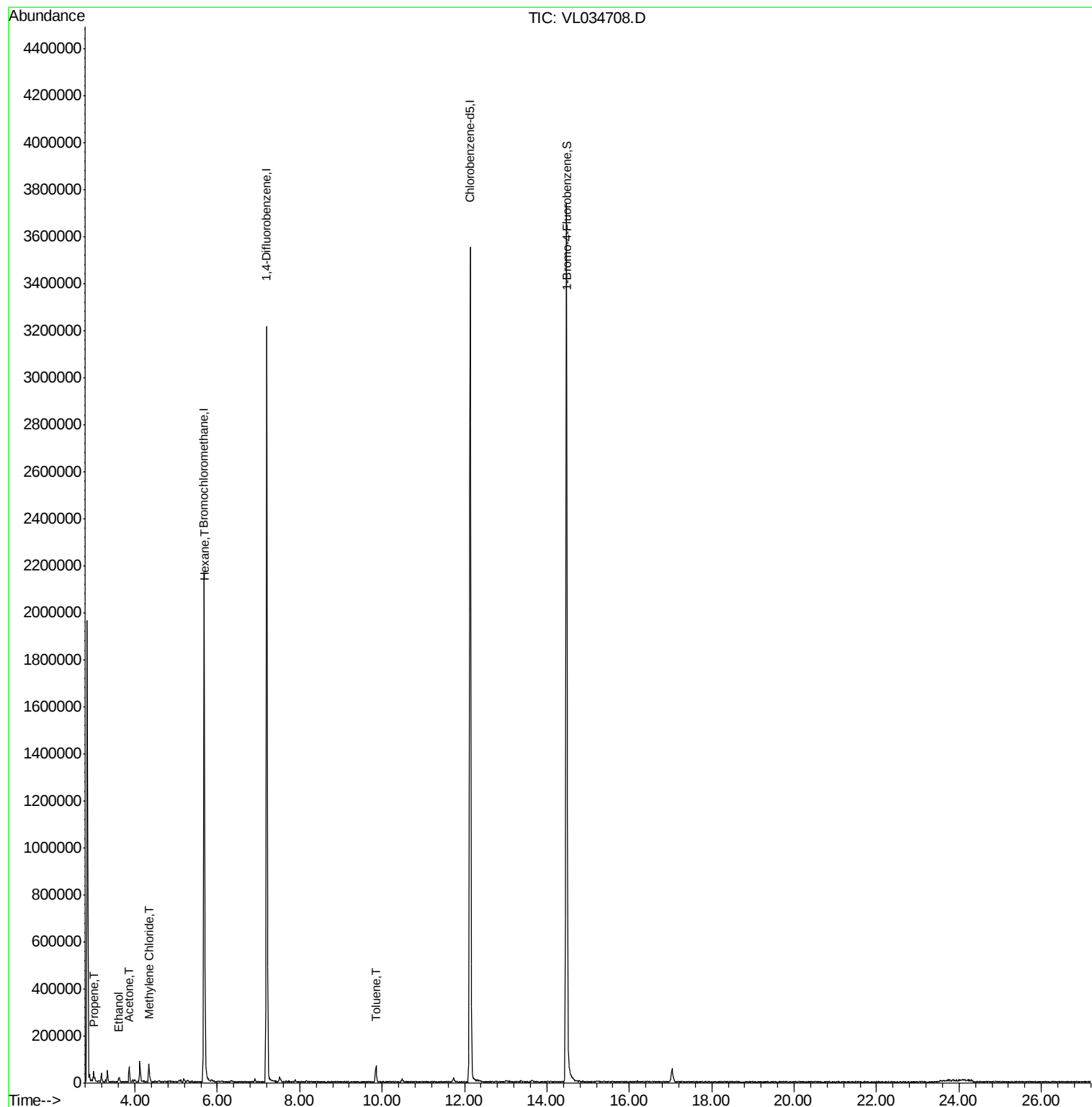
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022720\
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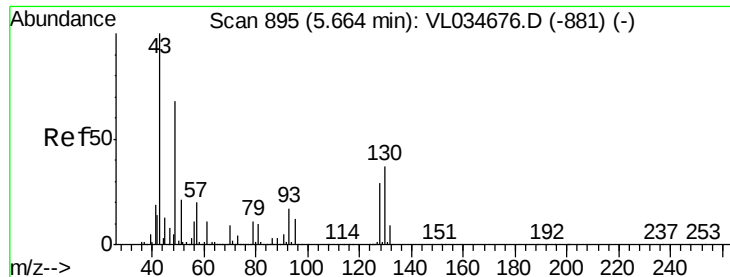
Instrument :
MSVOA_L
ClientSampleId :
IAS-1-M-ELECT-RMDL

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.01 min

Lab File: VL034708.D

Acq: 27 Feb 2020 14:33

Instrument :

MSVOA_L

ClientSampleId :

IAS-1-M-ELECT-RMDL

Tot Ion: 49 Resp: 1021558

Ion Ratio Lower Upper

49 100

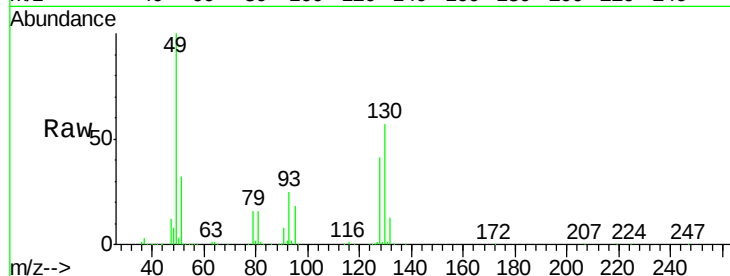
128 44.0 21.6 65.0

130 57.2 27.7 83.1

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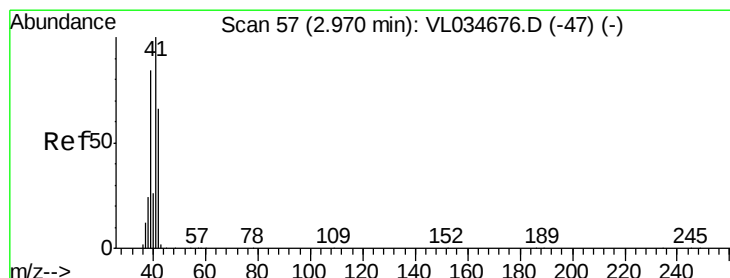
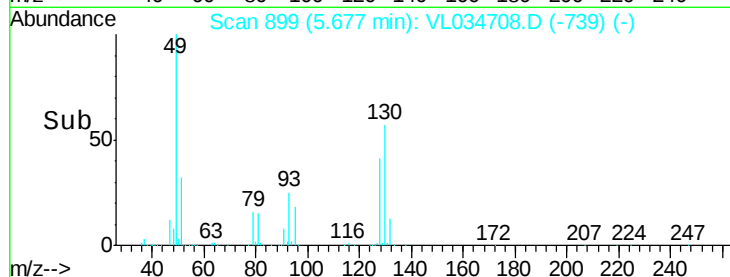
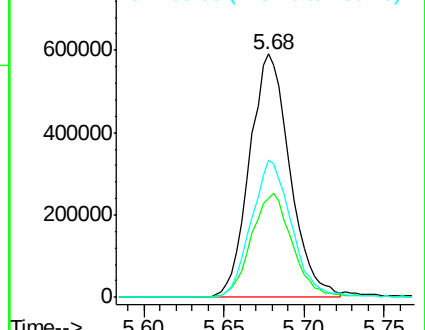
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.179 ppbv m

RT: 3.00 min Scan# 65

Delta R.T. 0.03 min

Lab File: VL034708.D

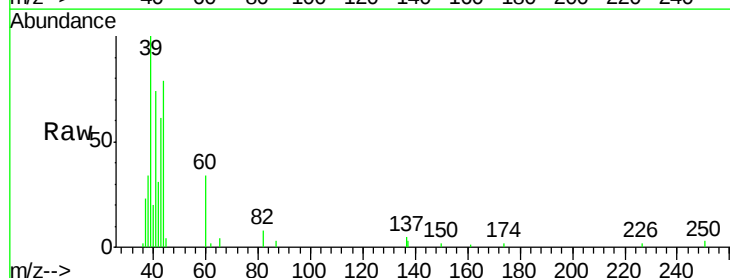
Acq: 27 Feb 2020 14:33

Tgt Ion: 41 Resp: 8268

Ion Ratio Lower Upper

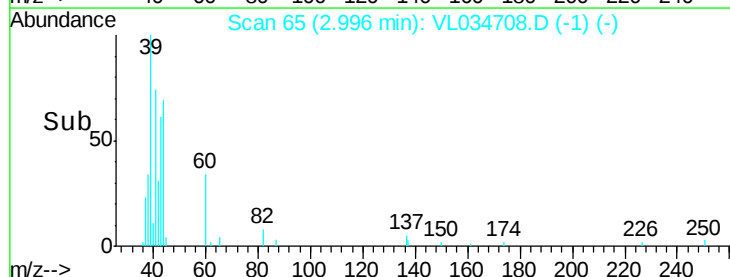
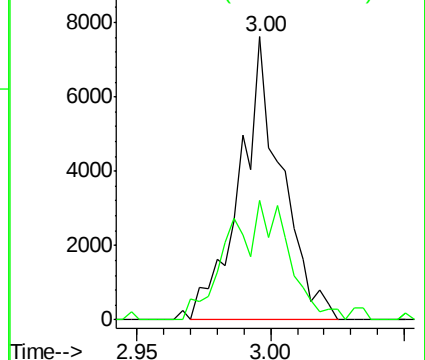
41 100

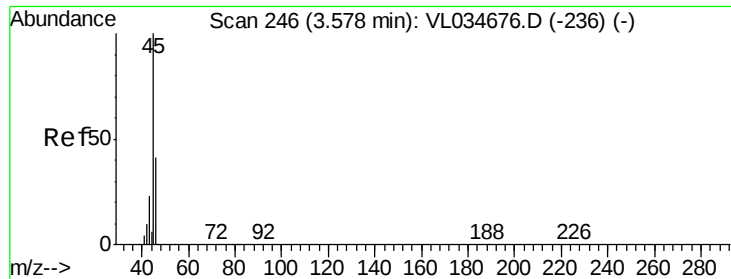
42 62.3 54.9 82.3



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





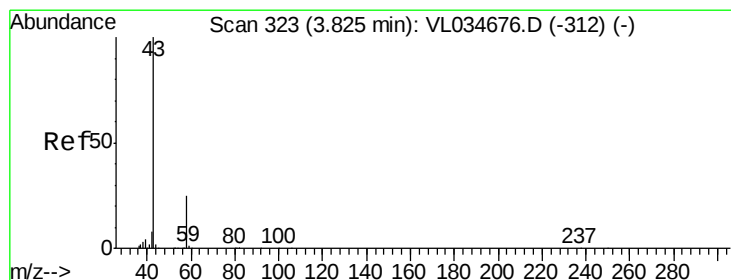
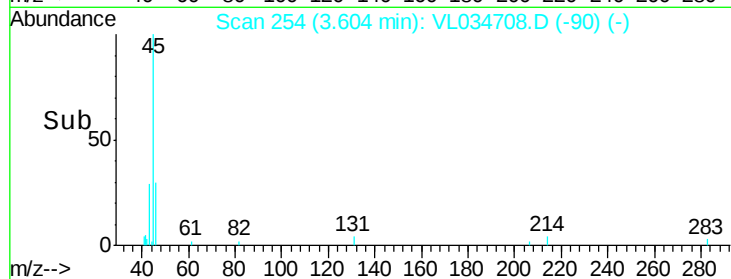
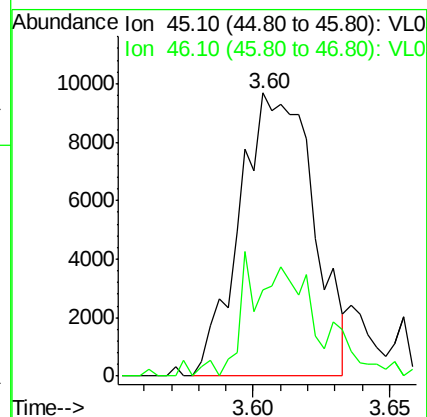
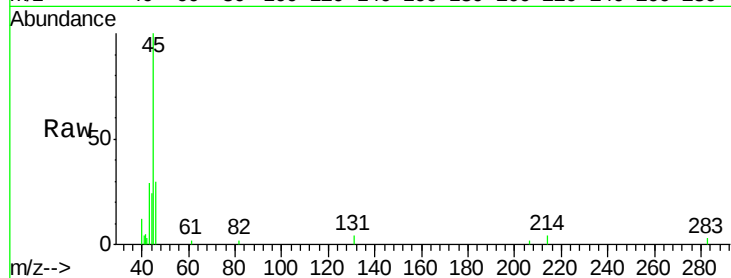
#13
Ethanol
Concen: 1.251 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.03 min
Lab File: VL034708.D
Acq: 27 Feb 2020 14:33

Instrument :
MSVOA_L
ClientSampleId :
IAS-1-M-ELECT-RMDL

Tot Ion	45	46	Ratio	Lower	Upper
18206	100	39.0		15.4	61.4

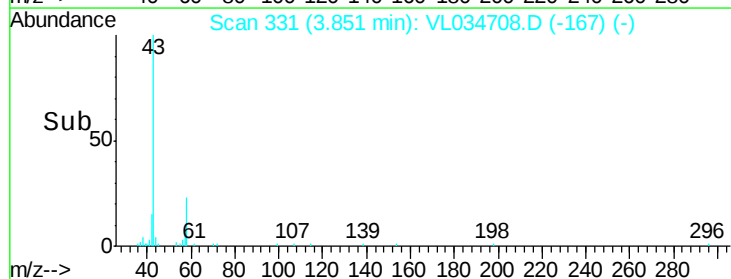
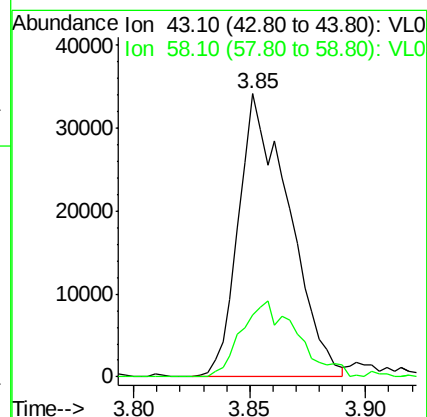
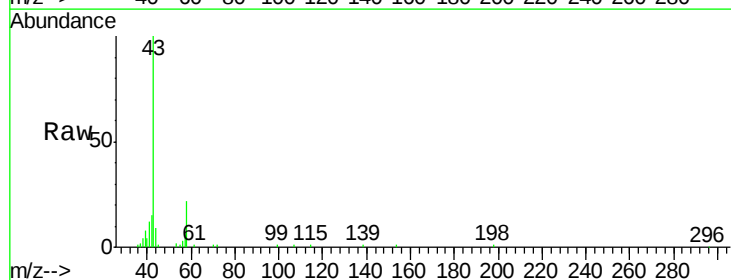
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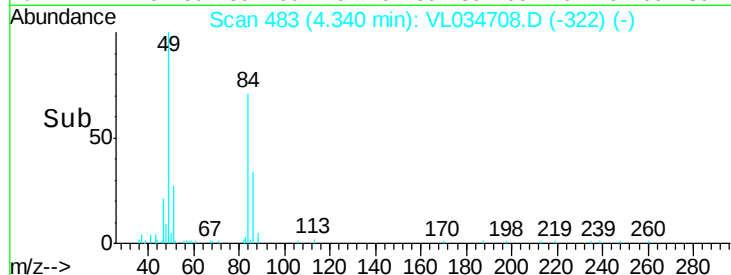
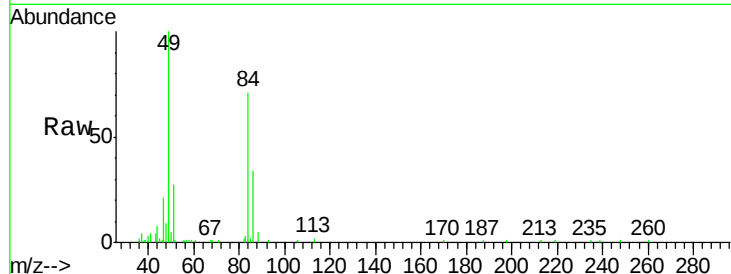
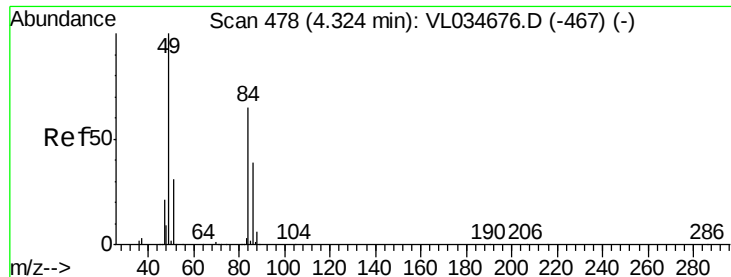
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#15
Acetone
Concen: 0.444 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.03 min
Lab File: VL034708.D
Acq: 27 Feb 2020 14:33

Tgt Ion	43	58	Ratio	Lower	Upper
51638	100	30.1		21.4	32.0





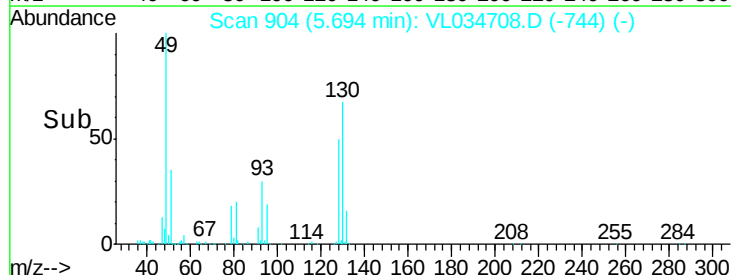
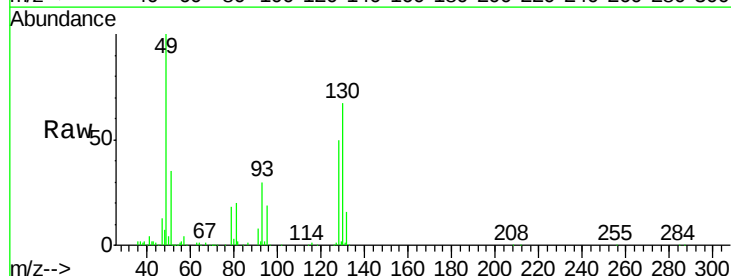
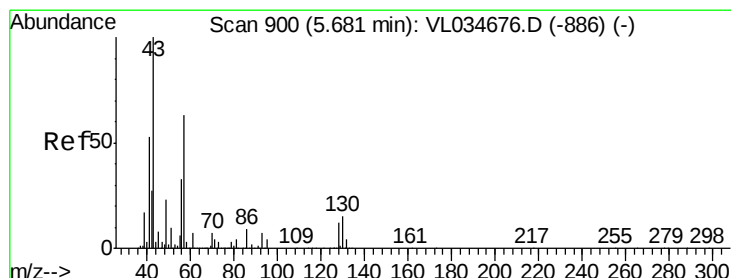
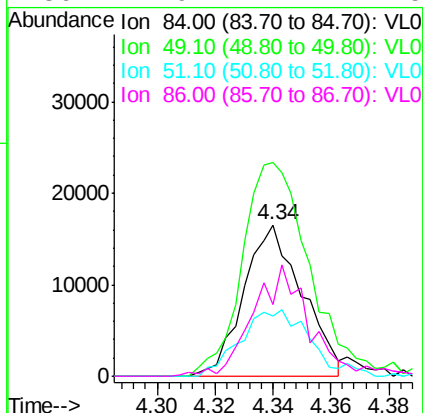
#20
Methvlene Chloride
Concen: 0.535 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.02 min
Lab File: VL034708.D
Acq: 27 Feb 2020 14:33

Tot Ion	Ratio	Lower	Upper
84	100		
49	140.9	122.8	184.2
51	39.7	38.6	58.0
86	44.9	47.7	71.5#

Instrument :
MSVOA_L
ClientSampleId :
IAS-1-M-ELECT-RMDL

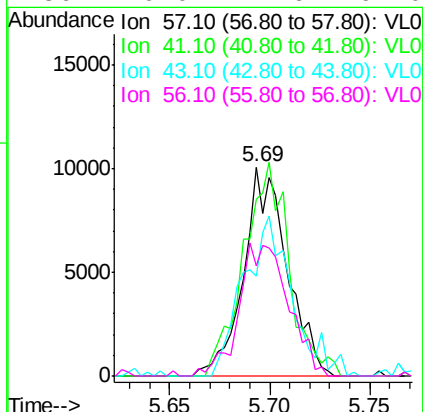
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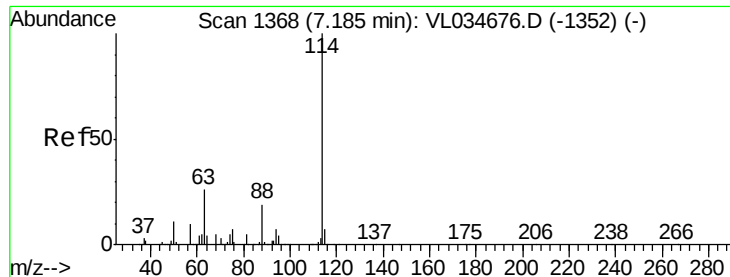
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#26
Hexane
Concen: 0.158 ppbv m
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL034708.D
Acq: 27 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
57	100		
41	106.8	70.3	105.5#
43	85.6	177.0	265.4#
56	0.0	42.6	64.0#





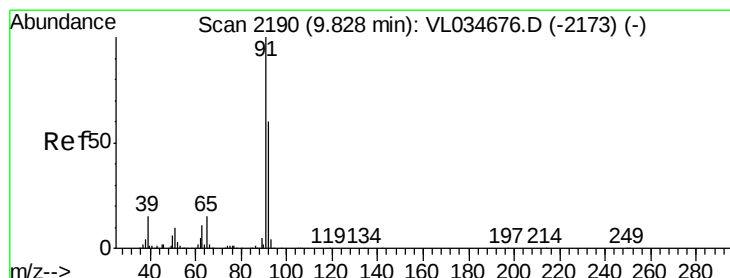
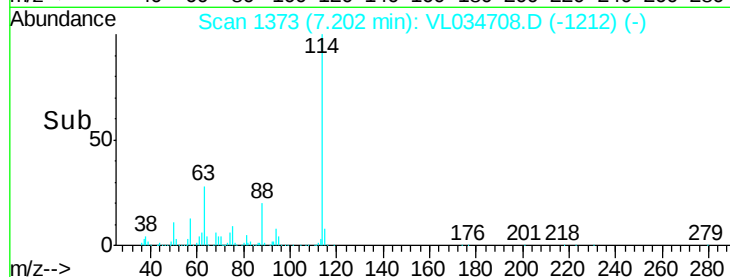
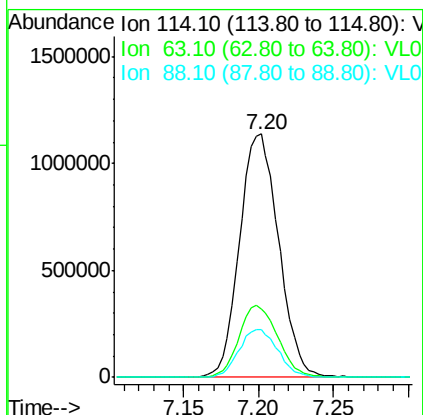
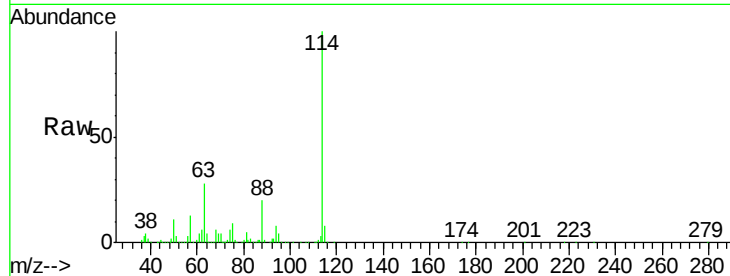
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. 0.02 min
 Lab File: VL034708.D
 Acq: 27 Feb 2020 14:33

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-1-M-ELECT-RMDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.5	22.9	34.3
88	19.6	15.8	23.6

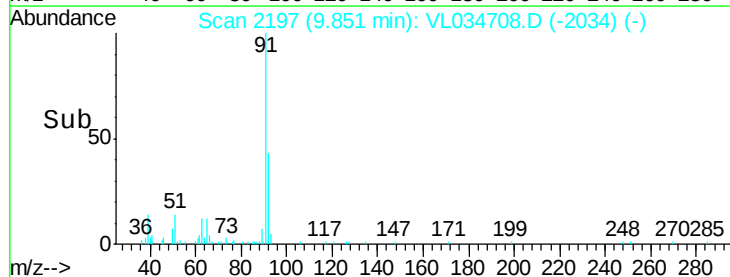
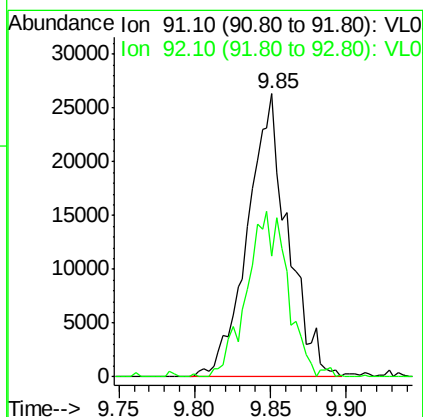
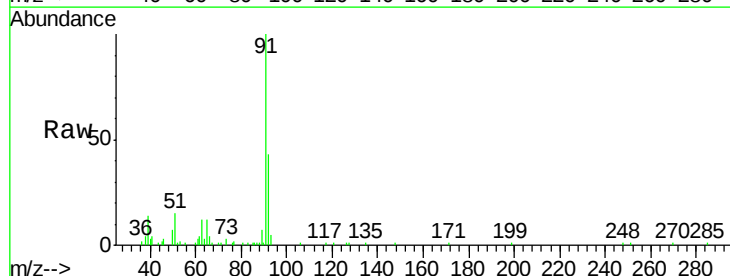
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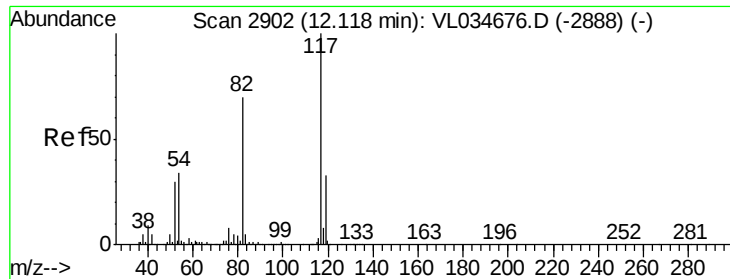
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#53
 Toluene
 Concen: 0.255 ppbv m
 RT: 9.85 min Scan# 2197
 Delta R.T. 0.02 min
 Lab File: VL034708.D
 Acq: 27 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.3	48.5	72.7





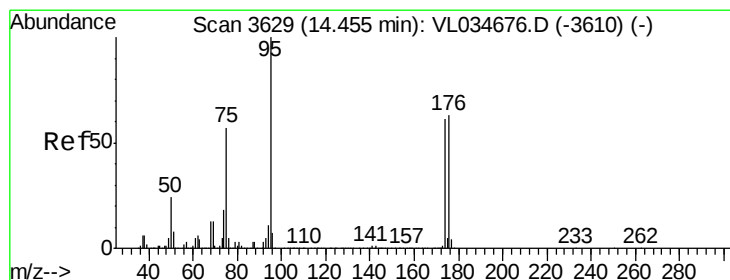
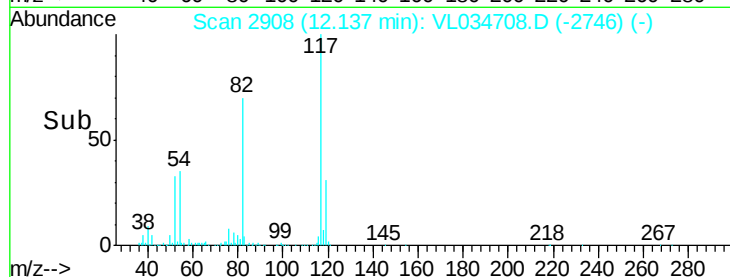
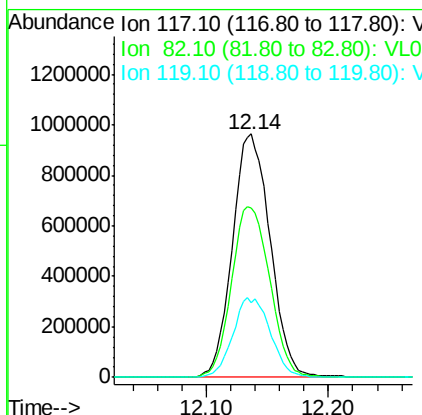
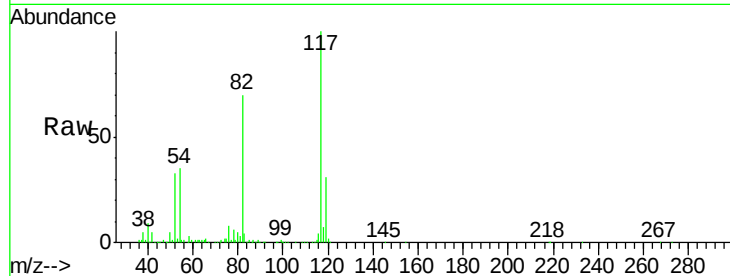
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. 0.02 min
Lab File: VL034708.D
Acq: 27 Feb 2020 14:33

Instrument :
MSVOA_L
ClientSampleId :
IAS-1-M-ELECT-RMDL

Tot Ion:117 Resp: 2062572
Ion Ratio Lower Upper
117 100
82 71.2 54.1 81.1
119 32.5 27.6 41.4

Manual Integrations
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2/28/2020 12:32:34 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.116 ppbv
RT: 14.47 min Scan# 3634
Delta R.T. 0.02 min
Lab File: VL034708.D
Acq: 27 Feb 2020 14:33

Tgt Ion: 95 Resp: 1710930
Ion Ratio Lower Upper
95 100
174 63.9 50.7 76.1
175 4.7 3.9 5.9

