

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022720\
 Data File : VL034719.D
 Acq On : 27 Feb 2020 21:53
 Operator : SY/AP
 Sample : L1662-06DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-6-CR-104DL

Manual Integrations
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 2/28/2020 12:33:12 PM

Quant Time: Feb 28 02:58:10 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	5.66	49	1101109	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2188428	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2148213	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1812699	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	8437m	0.170	ppbv	
13) Ethanol	3.58	45	644832	41.093	ppbv	97
15) Acetone	3.84	43	113945	0.908	ppbv	94
19) Isopropyl Alcohol	3.96	45	194075	2.597	ppbv #	93
20) Methylene Chloride	4.33	84	20646	0.442	ppbv #	76
26) Hexane	5.68	57	12658m	0.124	ppbv	
53) Toluene	9.83	91	50050m	0.249	ppbv	

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

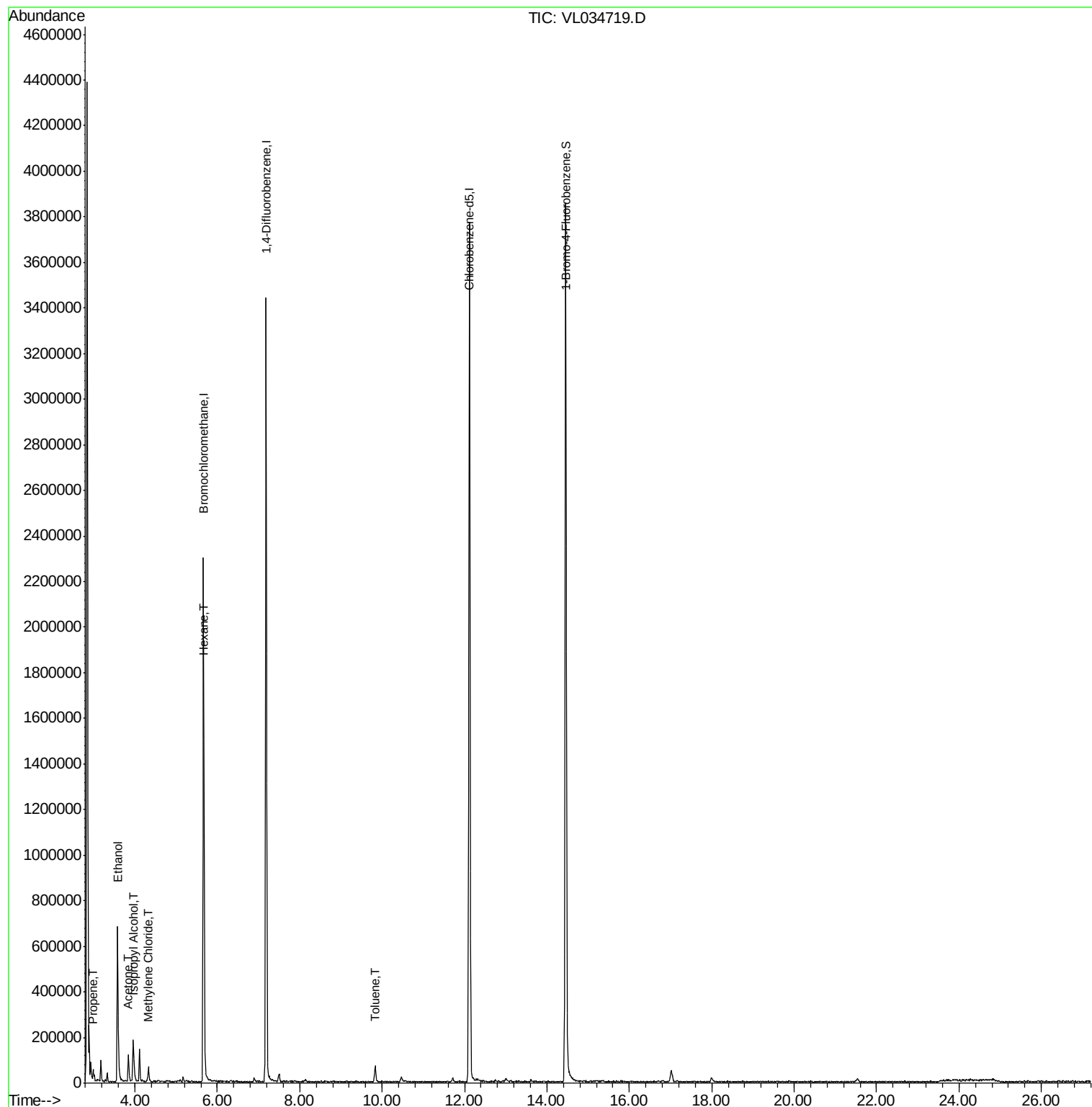
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022720\
Data File : VL034719.D
Acq On : 27 Feb 2020 21:53
Operator : SY/AP
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Misc : 400ml/MSVOA L
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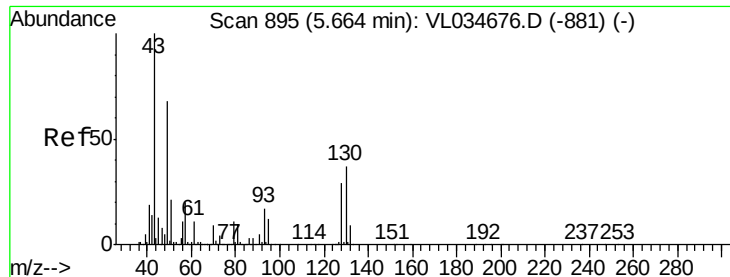
Instrument :
MSVOA_L
ClientSampleId :
IAS-6-CR-104DL

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Quant Time: Feb 28 02:58:10 2020
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

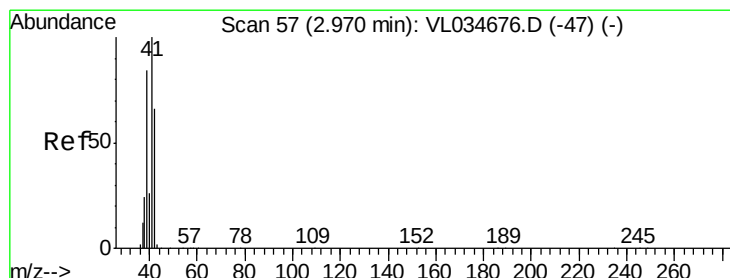
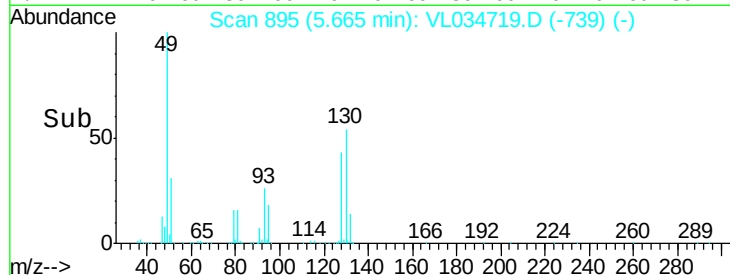
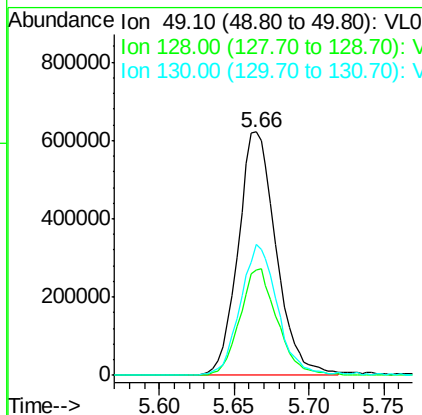
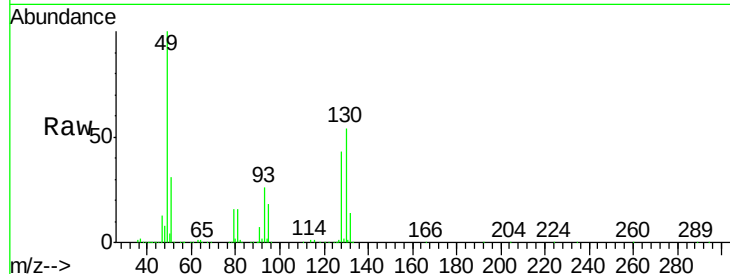
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VL034719.D
 Acq: 27 Feb 2020 21:53

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-6-CR-104DL

Tot Ion: 49 Resp: 1101109
 Ion Ratio Lower Upper
 49 100
 128 43.1 21.6 65.0
 130 53.2 27.7 83.1

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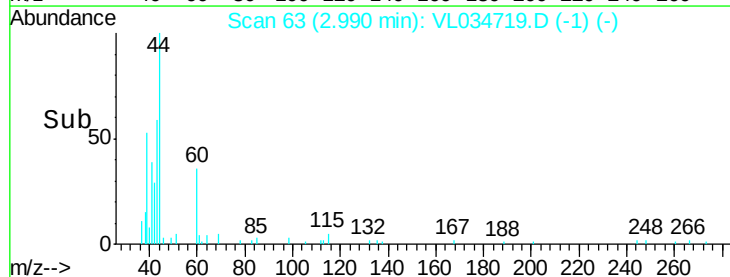
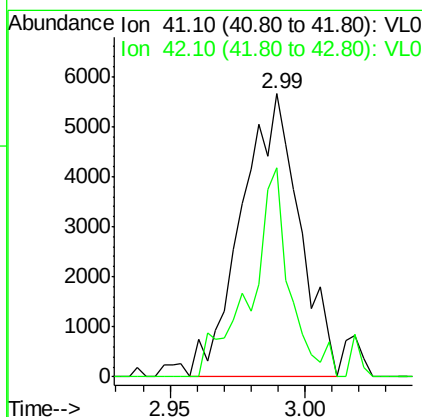
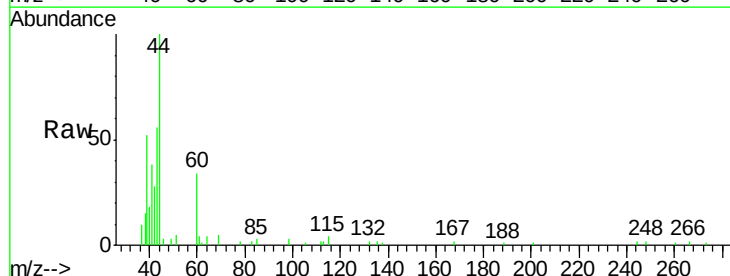
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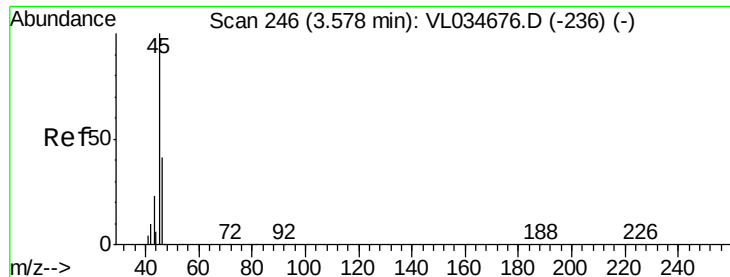


#9

Propene
 Concen: 0.170 ppbv m
 RT: 2.99 min Scan# 63
 Delta R.T. 0.02 min
 Lab File: VL034719.D
 Acq: 27 Feb 2020 21:53

Tgt Ion: 41 Resp: 8437
 Ion Ratio Lower Upper
 41 100
 42 0.0 54.9 82.3#





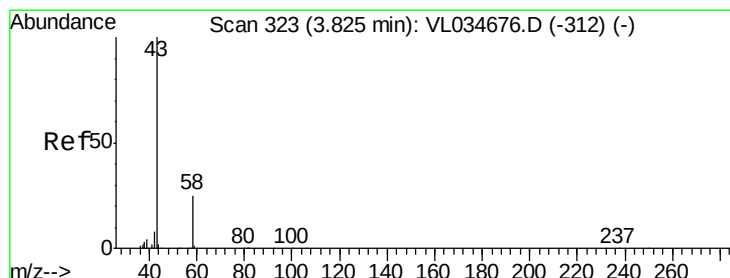
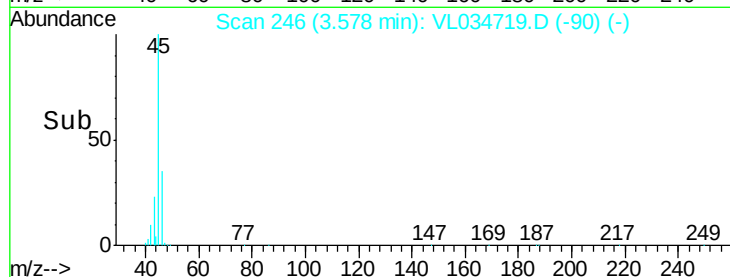
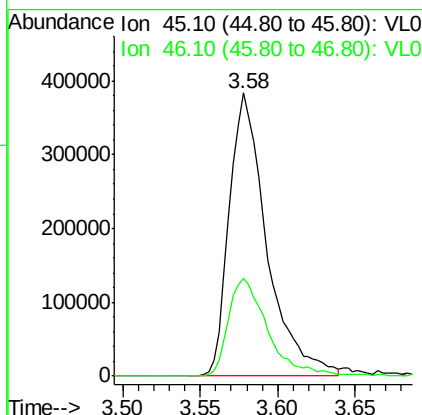
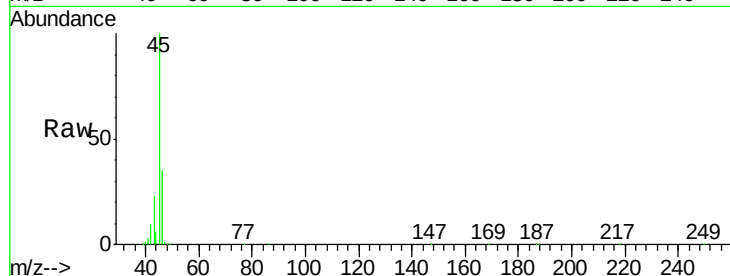
#13
Ethanol
Concen: 41.093 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.00 min
Lab File: VL034719.D
Acq: 27 Feb 2020 21:53

Instrument :
MSVOA_L
ClientSampleId :
IAS-6-CR-104DL

Tot Ion: 45 Resp: 644832
Ion Ratio Lower Upper
45 100
46 36.7 15.4 61.4

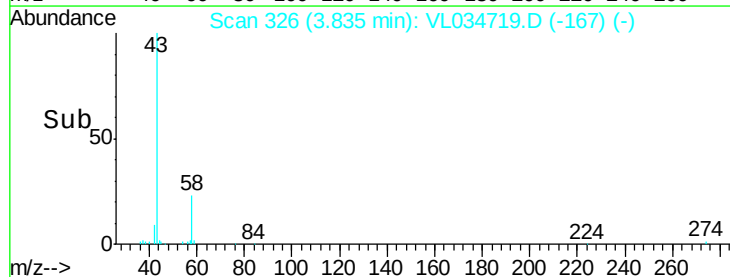
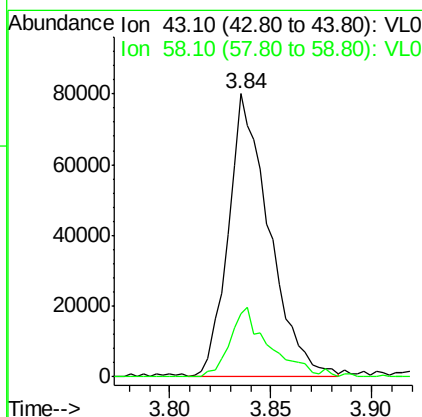
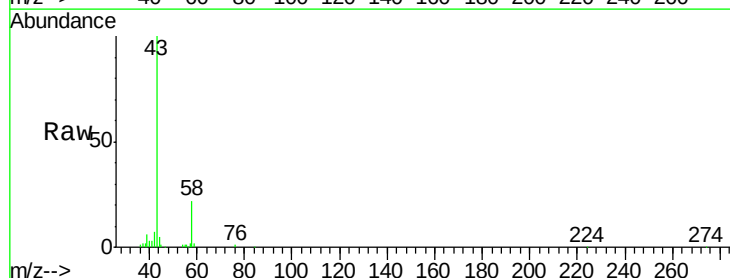
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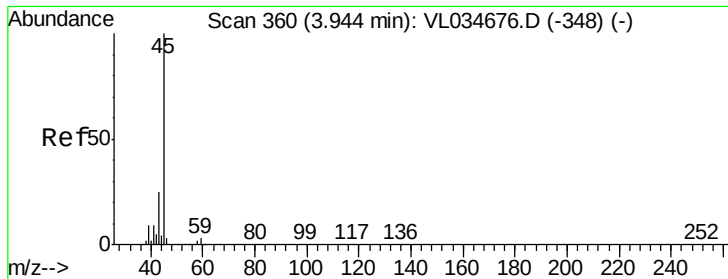
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#15
Acetone
Concen: 0.908 ppbv
RT: 3.84 min Scan# 326
Delta R.T. 0.01 min
Lab File: VL034719.D
Acq: 27 Feb 2020 21:53

Tgt Ion: 43 Resp: 113945
Ion Ratio Lower Upper
43 100
58 23.8 21.4 32.0





#19

Isopropyl Alcohol

Concen: 2.597 ppbv

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VL034719.D

Acq: 27 Feb 2020 21:53

Instrument :

MSVOA_L

ClientSampleId :

IAS-6-CR-104DL

Tot Ion: 45 Resp: 194075

Ion Ratio Lower Upper

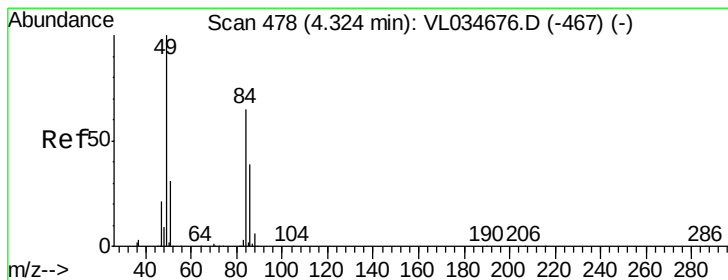
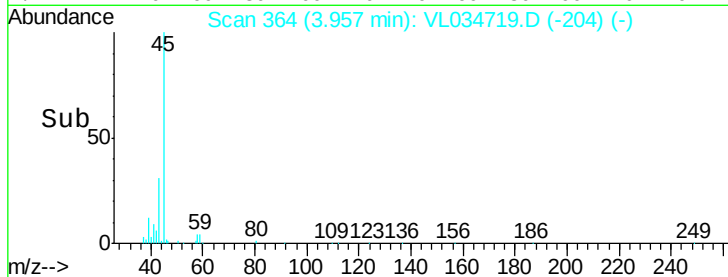
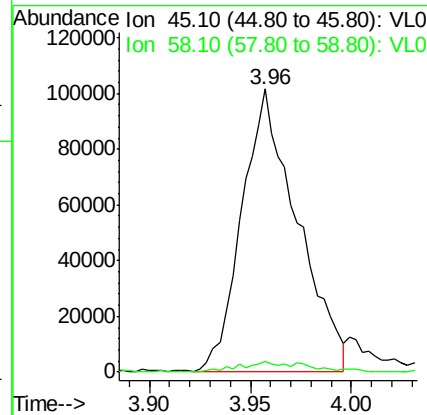
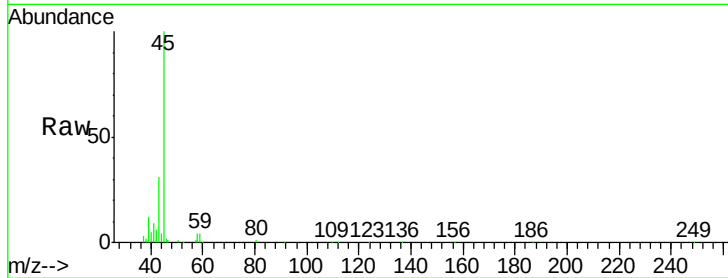
45 100

58 4.6 1.8 2.6#

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#20

Methylene Chloride

Concen: 0.442 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.01 min

Lab File: VL034719.D

Acq: 27 Feb 2020 21:53

Tgt Ion: 84 Resp: 20646

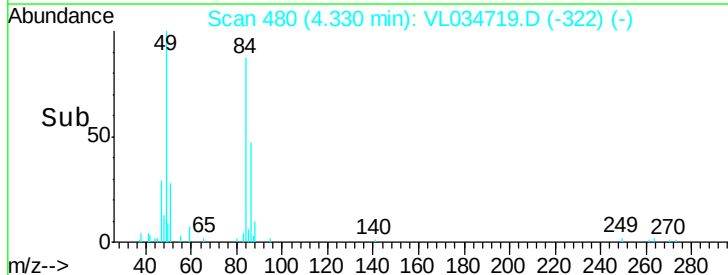
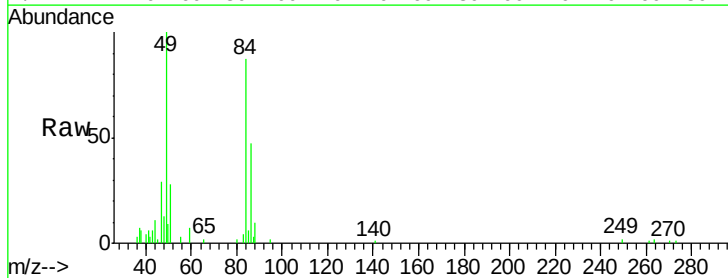
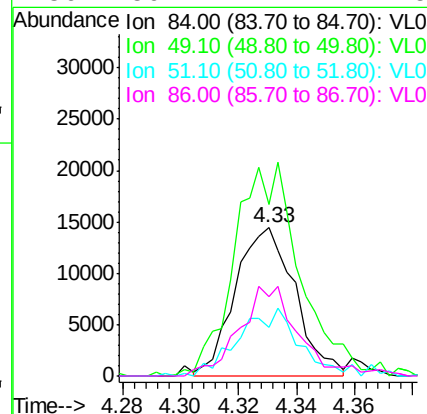
Ion Ratio Lower Upper

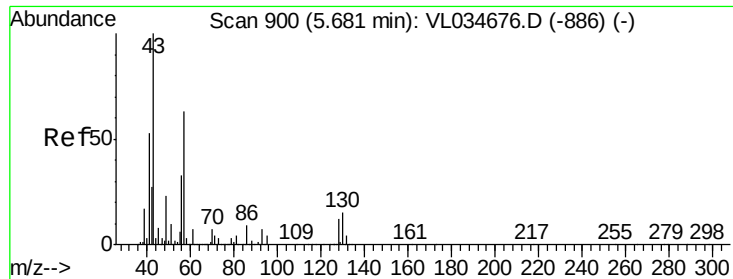
84 100

49 115.2 122.8 184.2#

51 33.4 38.6 58.0#

86 50.7 47.7 71.5





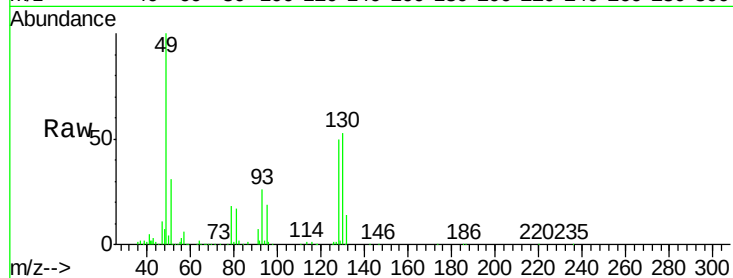
#26
Hexane
Concen: 0.124 ppbv m
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL034719.D
Acq: 27 Feb 2020 21:53

Instrument :
MSVOA_L
ClientSampleId :
IAS-6-CR-104DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	105.1	70.3	105.5
43	92.2	177.0	265.4#
56	58.7	42.6	64.0

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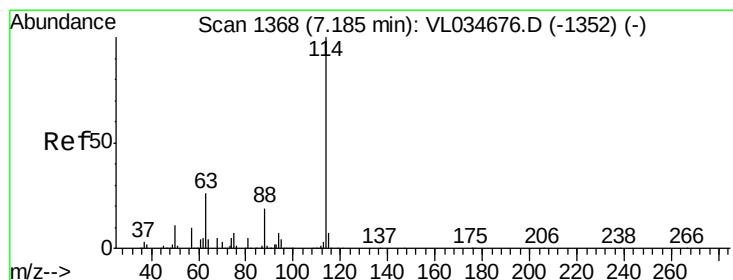
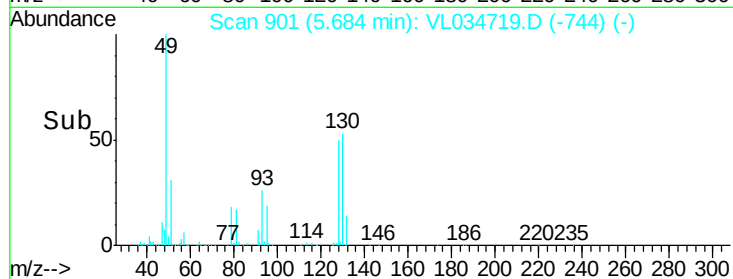
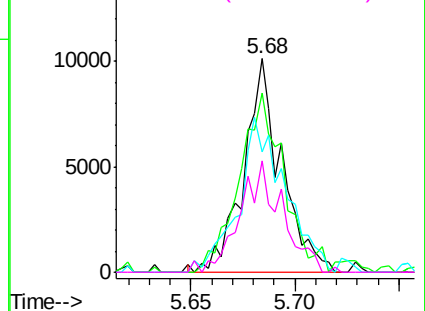
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

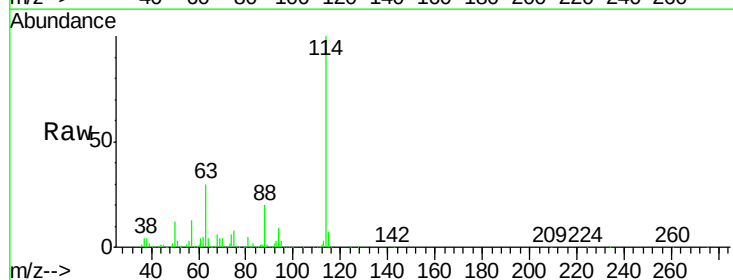
Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VL034719.D
Acq: 27 Feb 2020 21:53

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.7	22.9	34.3
88	19.8	15.8	23.6

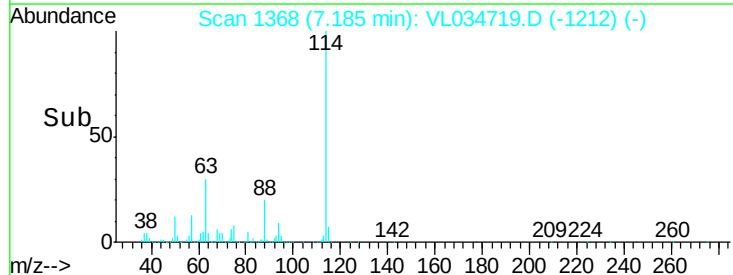
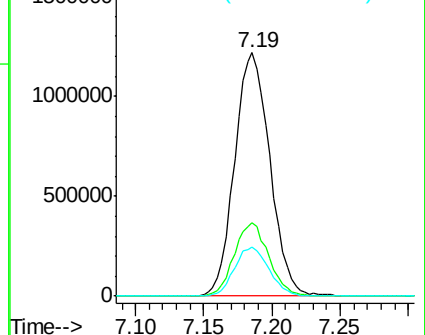


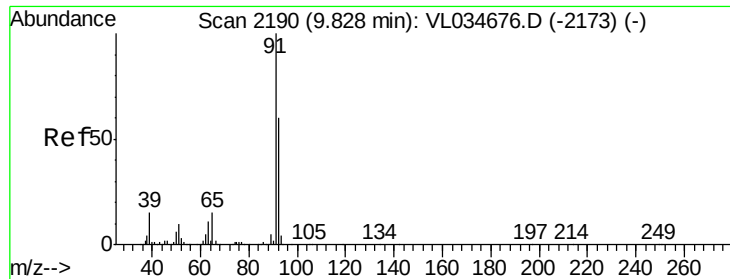
Abundance

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





#53

Toluene

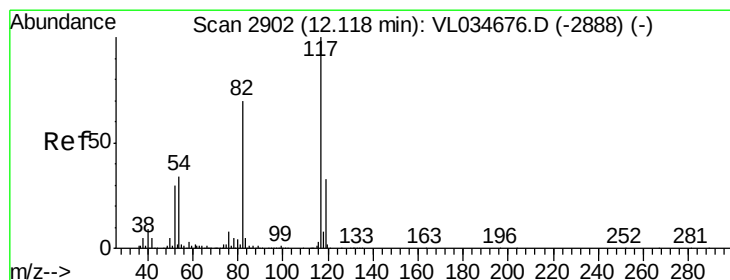
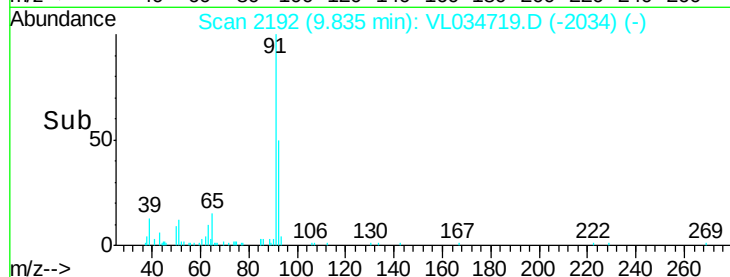
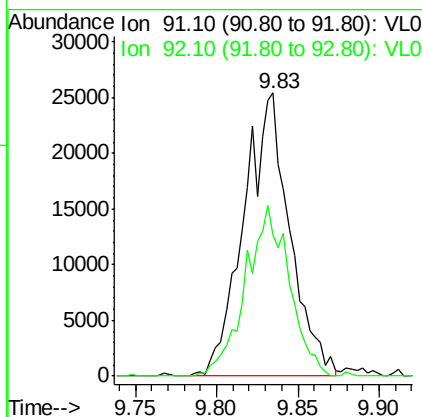
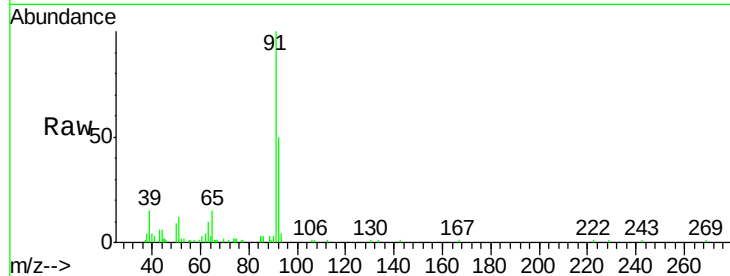
Concen: 0.249 ppbv m
RT: 9.83 min Scan# 2192
Delta R.T. 0.01 min
Lab File: VL034719.D
Acq: 27 Feb 2020 21:53

Instrument :
MSVOA_L
ClientSampleId :
IAS-6-CR-104DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		50050		
92	57.1		48.5	72.7	

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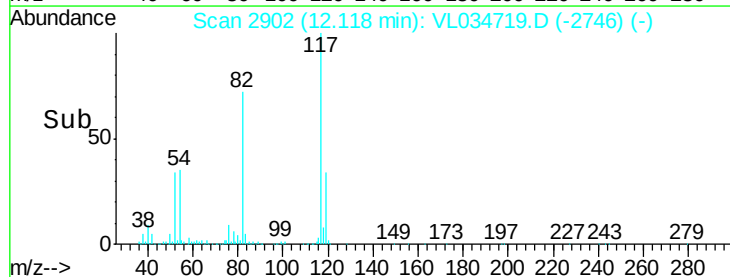
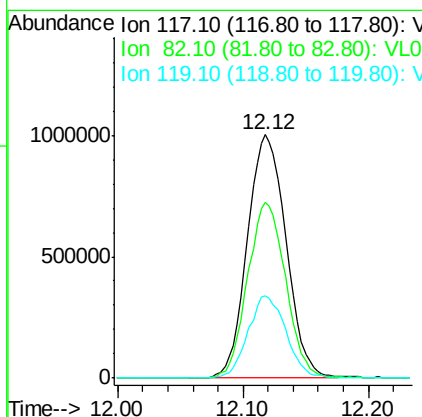
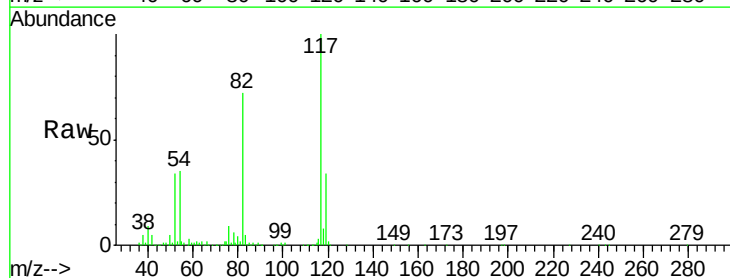


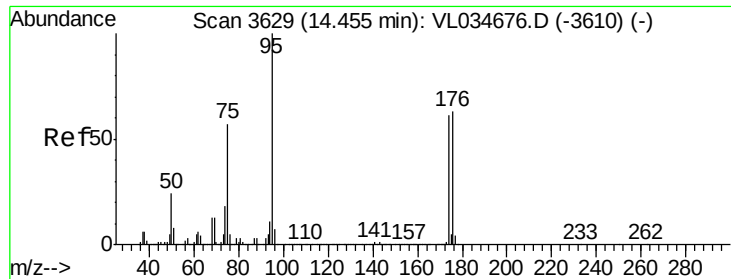
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL034719.D
Acq: 27 Feb 2020 21:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		2148213		
82	71.3		54.1	81.1	
119	33.2		27.6	41.4	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.291 ppbv
 RT: 14.46 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VL034719.D
 Acq: 27 Feb 2020 21:53

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-6-CR-104DL

Tot Ion: 95 Resp: 1812699
 Ion Ratio Lower Upper
 95 100
 174 63.3 50.7 76.1
 175 4.5 3.9 5.9

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