

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022720\
 Data File : VL034711.D
 Acq On : 27 Feb 2020 16:34
 Operator : SY/AP
 Sample : L1662-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-2-MUSIC-ROOMDL

Manual Integrations
 APPROVED

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 2/28/2020 12:32:46 PM

Quant Time: Feb 28 01:42:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 2
 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	5.67	49	1038939	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2088879	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2053215	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1736210	10.31	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	7671m	0.164	ppbv	
13) Ethanol	3.59	45	100626	6.796	ppbv	98
15) Acetone	3.85	43	139439	1.178	ppbv	97
20) Methylene Chloride	4.34	84	15675m	0.356	ppbv	
26) Hexane	5.70	57	14871m	0.154	ppbv	
53) Toluene	9.84	91	34111m	0.178	ppbv	

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

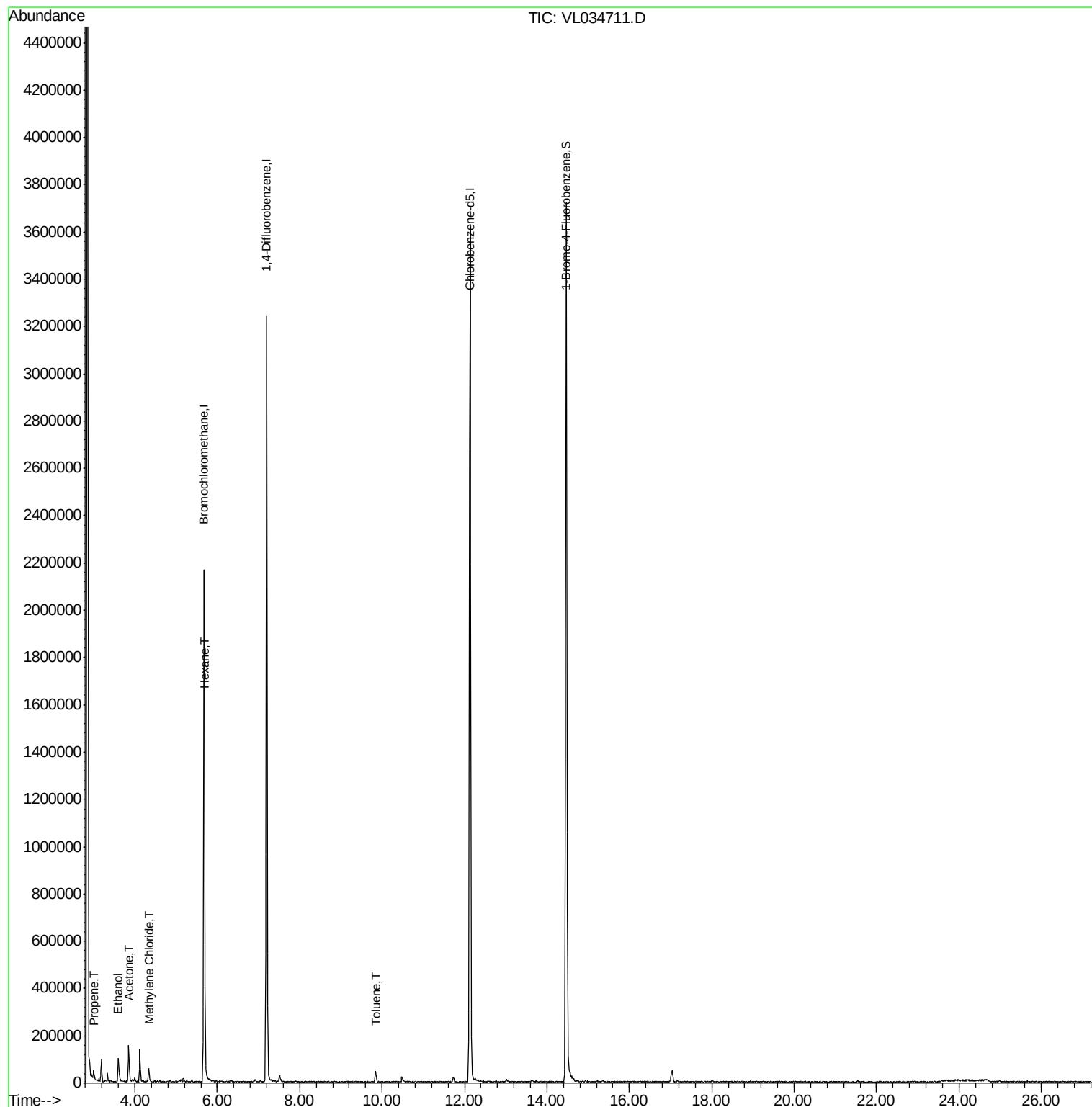
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022720\
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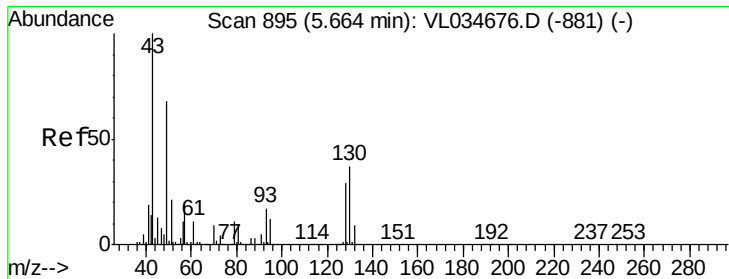
Instrument :
MSVOA_L
ClientSampleId :
IAS-2-MUSIC-ROOMDL

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#1

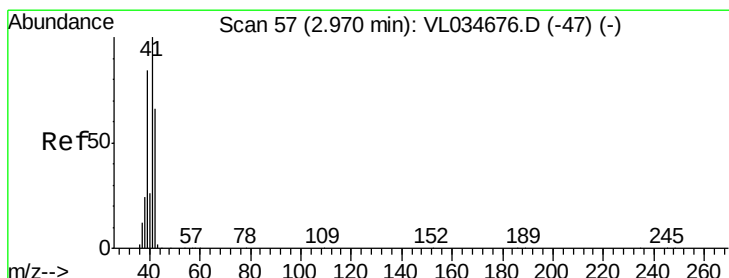
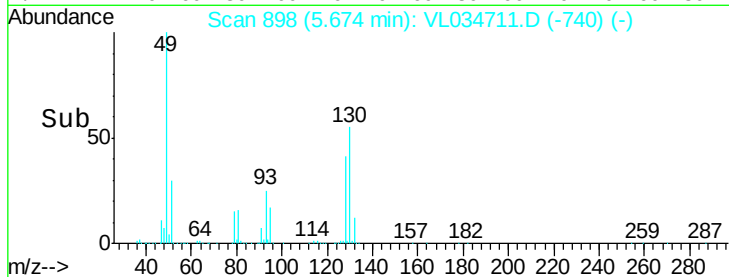
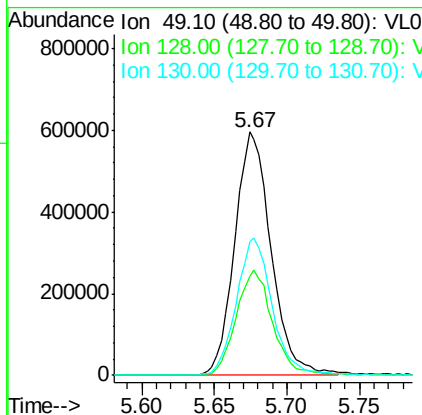
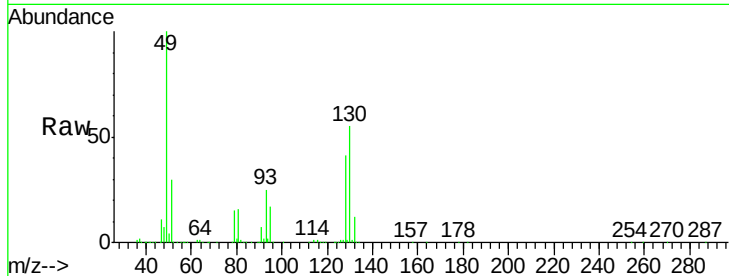
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: VL034711.D
 Acq: 27 Feb 2020 16:34

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-2-MUSIC-ROOMDL

Tot Ion: 49 Resp: 1038939
 Ion Ratio Lower Upper
 49 100
 128 43.7 21.6 65.0
 130 55.6 27.7 83.1

Manual Integrations
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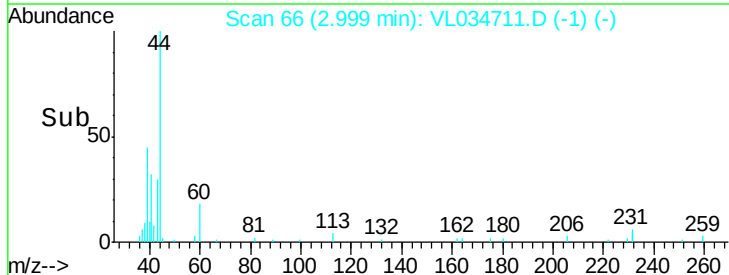
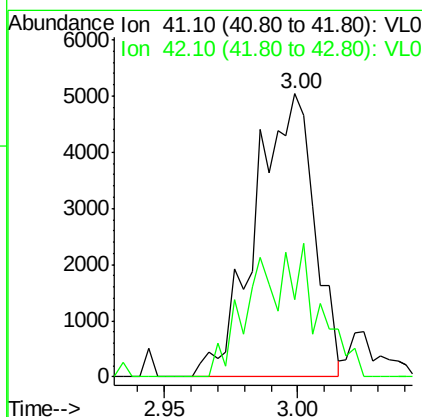
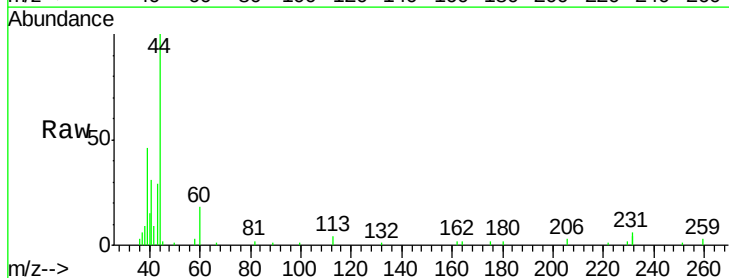
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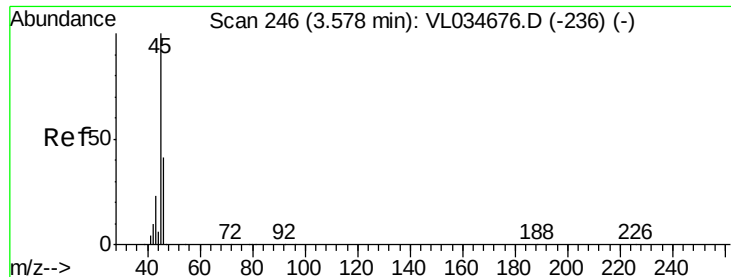


#9

Propene
 Concen: 0.164 ppbv m
 RT: 3.00 min Scan# 66
 Delta R.T. 0.03 min
 Lab File: VL034711.D
 Acq: 27 Feb 2020 16:34

Tgt Ion: 41 Resp: 7671
 Ion Ratio Lower Upper
 41 100
 42 50.6 54.9 82.3#





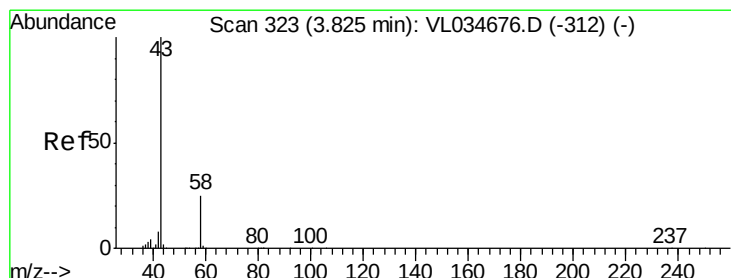
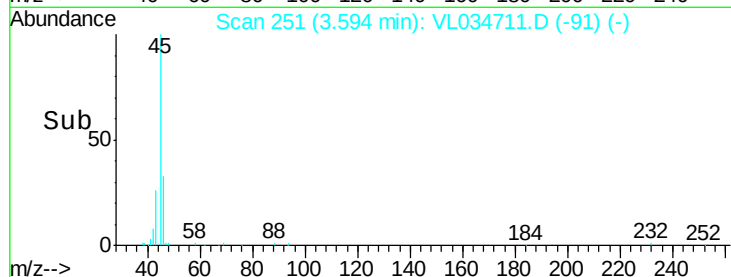
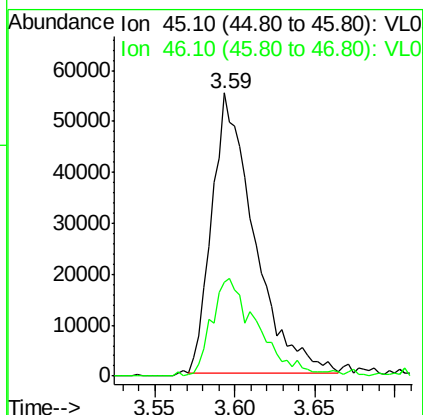
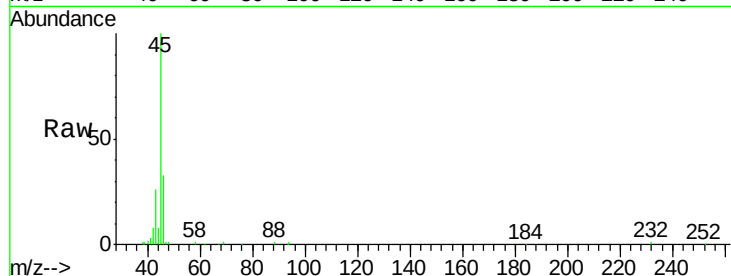
#13
Ethanol
Concen: 6.796 ppbv
RT: 3.59 min Scan# 251
Delta R.T. 0.02 min
Lab File: VL034711.D
Acq: 27 Feb 2020 16:34

Instrument :
MSVOA_L
ClientSampleId :
IAS-2-MUSIC-ROOMDL

Tot Ion	45	Resp	100626
Ion Ratio	100	Lower	Upper
46	39.4	15.4	61.4

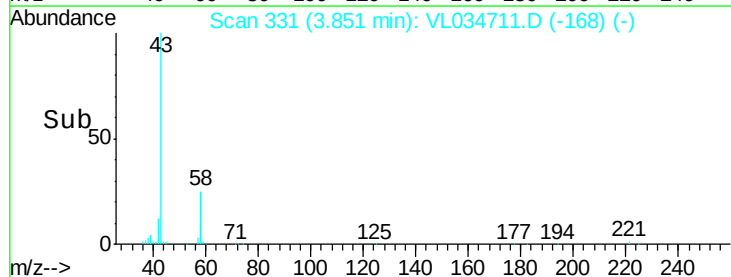
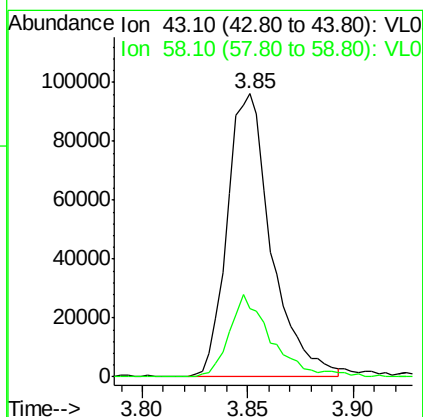
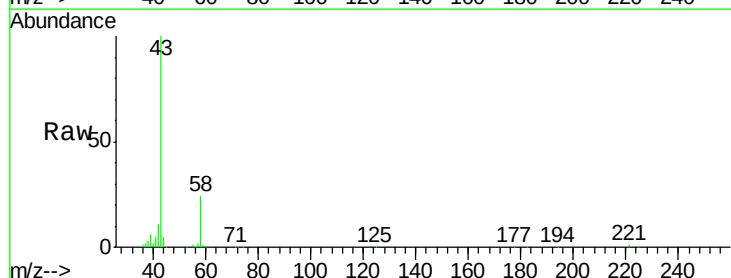
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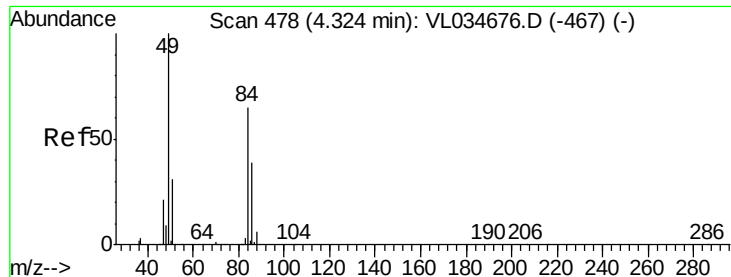
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#15
Acetone
Concen: 1.178 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.03 min
Lab File: VL034711.D
Acq: 27 Feb 2020 16:34

Tgt Ion	43	Resp	139439
Ion Ratio	100	Lower	Upper
58	28.1	21.4	32.0





#20

Methylene Chloride

Concen: 0.356 ppbv m

RT: 4.34 min Scan# 484

Delta R.T. 0.02 min

Lab File: VL034711.D

Acq: 27 Feb 2020 16:34

Instrument :

MSVOA_L

ClientSampleId :

IAS-2-MUSIC-ROOMDL

Tot Ion: 84 Resp: 15675

Ion Ratio Lower Upper

84 100

49 140.2 122.8 184.2

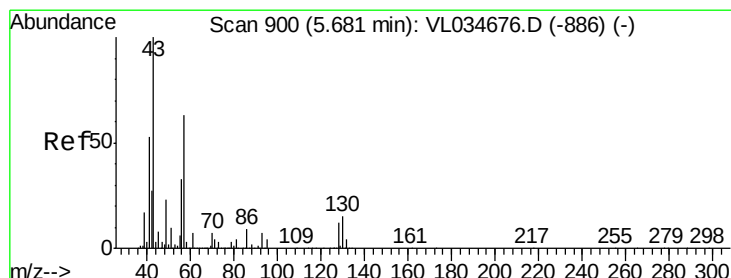
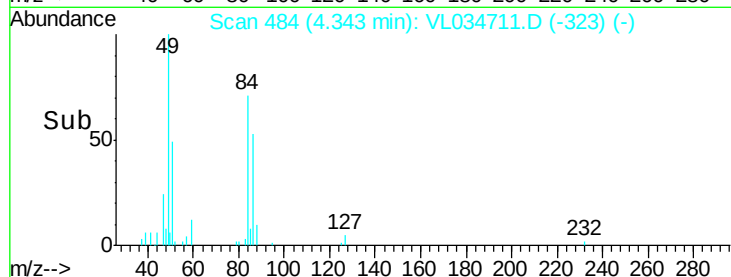
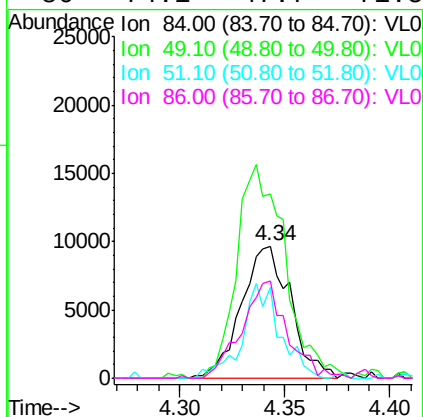
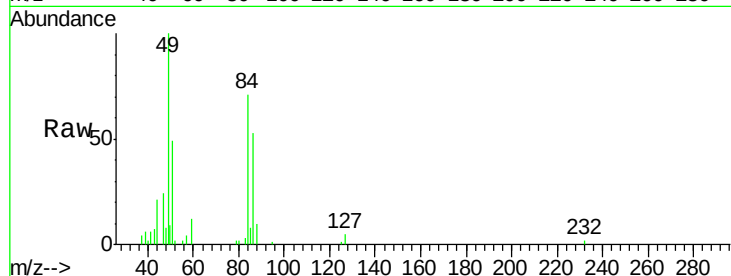
51 69.2 38.6 58.0#

86 74.1 47.7 71.5#

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#26

Hexane

Concen: 0.154 ppbv m

RT: 5.70 min Scan# 905

Delta R.T. 0.02 min

Lab File: VL034711.D

Acq: 27 Feb 2020 16:34

Tgt Ion: 57 Resp: 14871

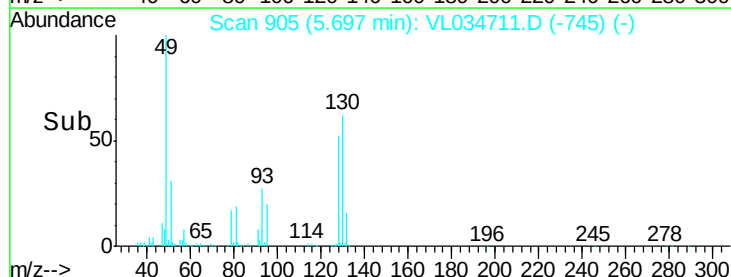
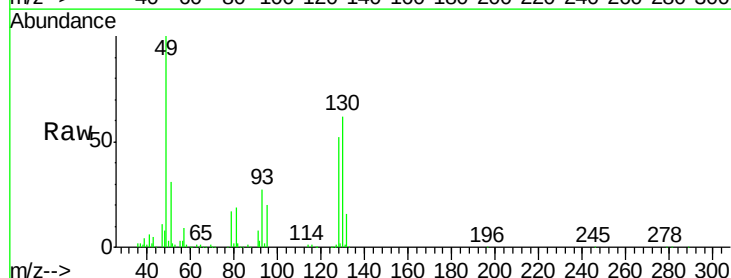
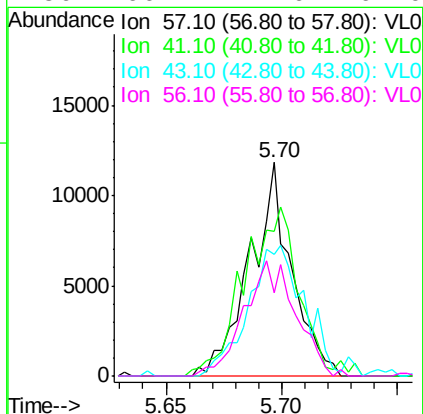
Ion Ratio Lower Upper

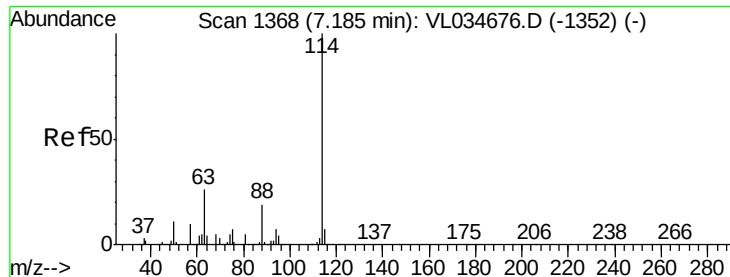
57 100

41 104.4 70.3 105.5

43 85.5 177.0 265.4#

56 66.2 42.6 64.0#





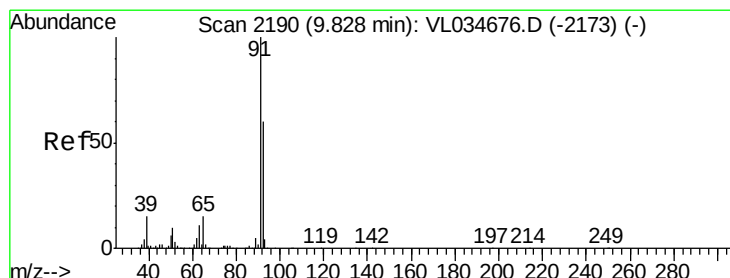
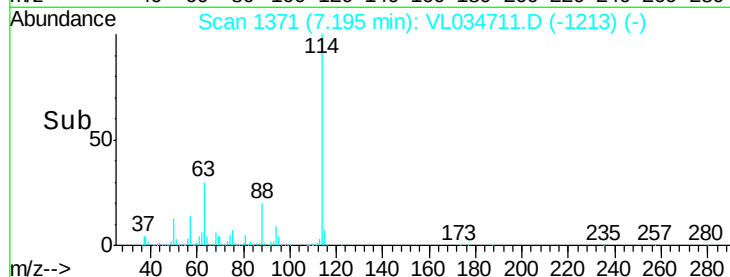
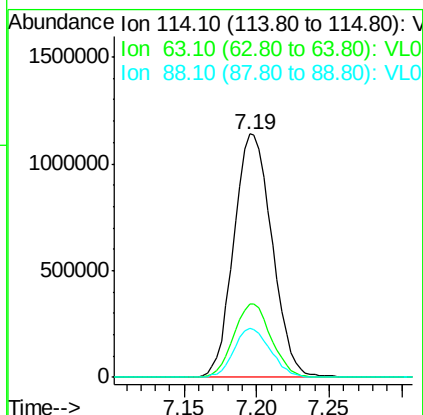
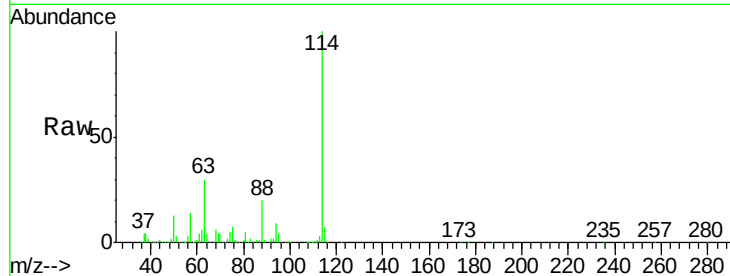
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1371
 Delta R.T. 0.01 min
 Lab File: VL034711.D
 Acq: 27 Feb 2020 16:34

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-2-MUSIC-ROOMDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.7	22.9	34.3
88	19.5	15.8	23.6

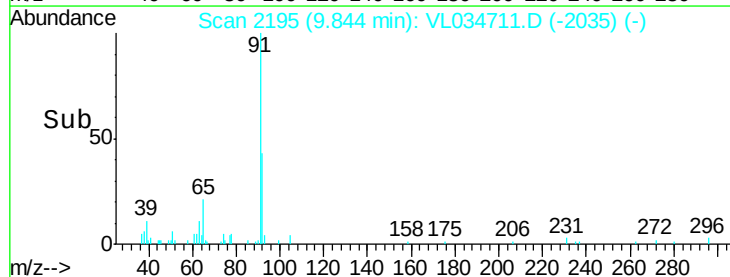
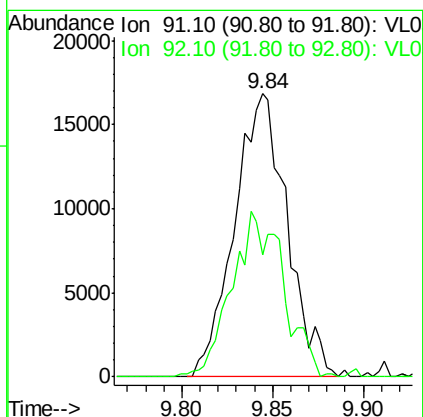
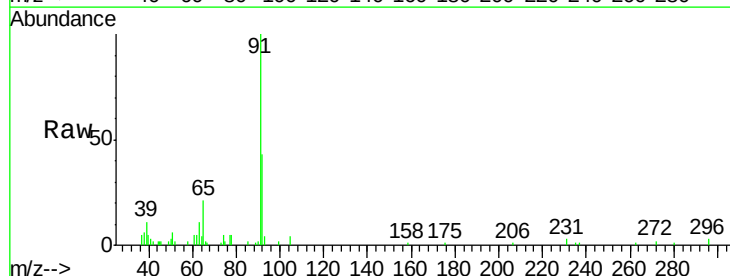
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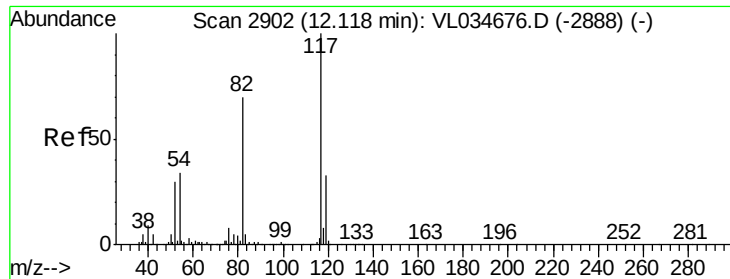
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#53
 Toluene
 Concen: 0.178 ppbv m
 RT: 9.84 min Scan# 2195
 Delta R.T. 0.02 min
 Lab File: VL034711.D
 Acq: 27 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.6	48.5	72.7





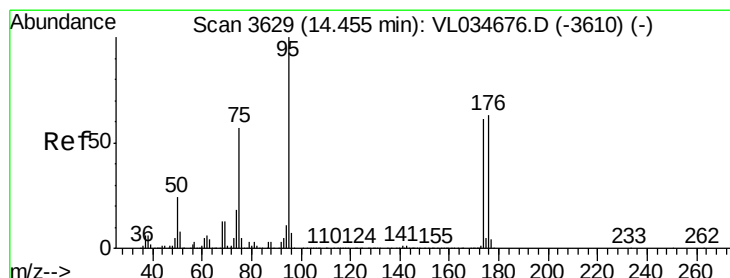
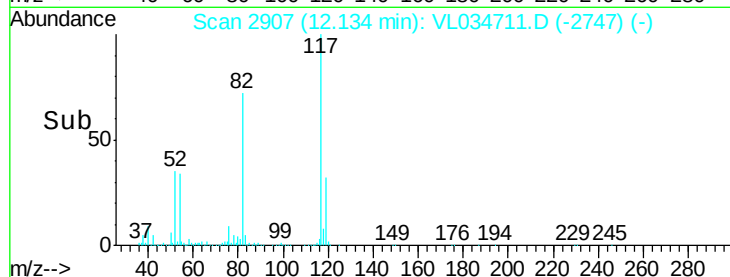
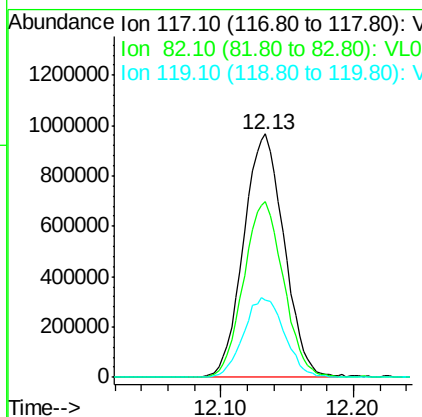
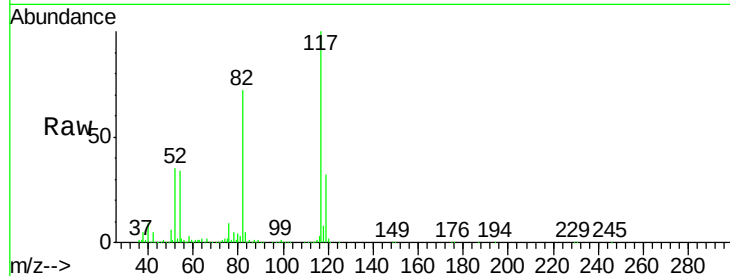
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.02 min
Lab File: VL034711.D
Acq: 27 Feb 2020 16:34

Instrument :
MSVOA_L
ClientSampleId :
IAS-2-MUSIC-ROOMDL

Tot Ion:117 Resp: 2053215
Ion Ratio Lower Upper
117 100
82 71.6 54.1 81.1
119 33.1 27.6 41.4

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.313 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. 0.01 min
Lab File: VL034711.D
Acq: 27 Feb 2020 16:34

Tgt Ion: 95 Resp: 1736210
Ion Ratio Lower Upper
95 100
174 62.4 50.7 76.1
175 4.6 3.9 5.9

