

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022720\
 Data File : VL034721.D
 Acq On : 27 Feb 2020 23:13
 Operator : SY/AP
 Sample : L1661-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-ELECT-RMDL

Manual Integrations
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Quant Time: Feb 28 11:41:33 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	5.66	49	1169808	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2391950	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2360418	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	1951532	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.58	45	572859	34.363	ppbv	98
15) Acetone	3.83	43	331497	2.487	ppbv	99
17) tert-Butyl alcohol	4.29	59	52305	0.512	ppbv #	91
19) Isopropyl Alcohol	3.95	45	605989	7.632	ppbv	100
31) cis-1,2-Dichloroethene	5.55	61	37190	0.347	ppbv #	88
38) Trichloroethene	7.85	130	36818m	0.462	ppbv	
53) Toluene	9.83	91	60451m	0.275	ppbv	

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

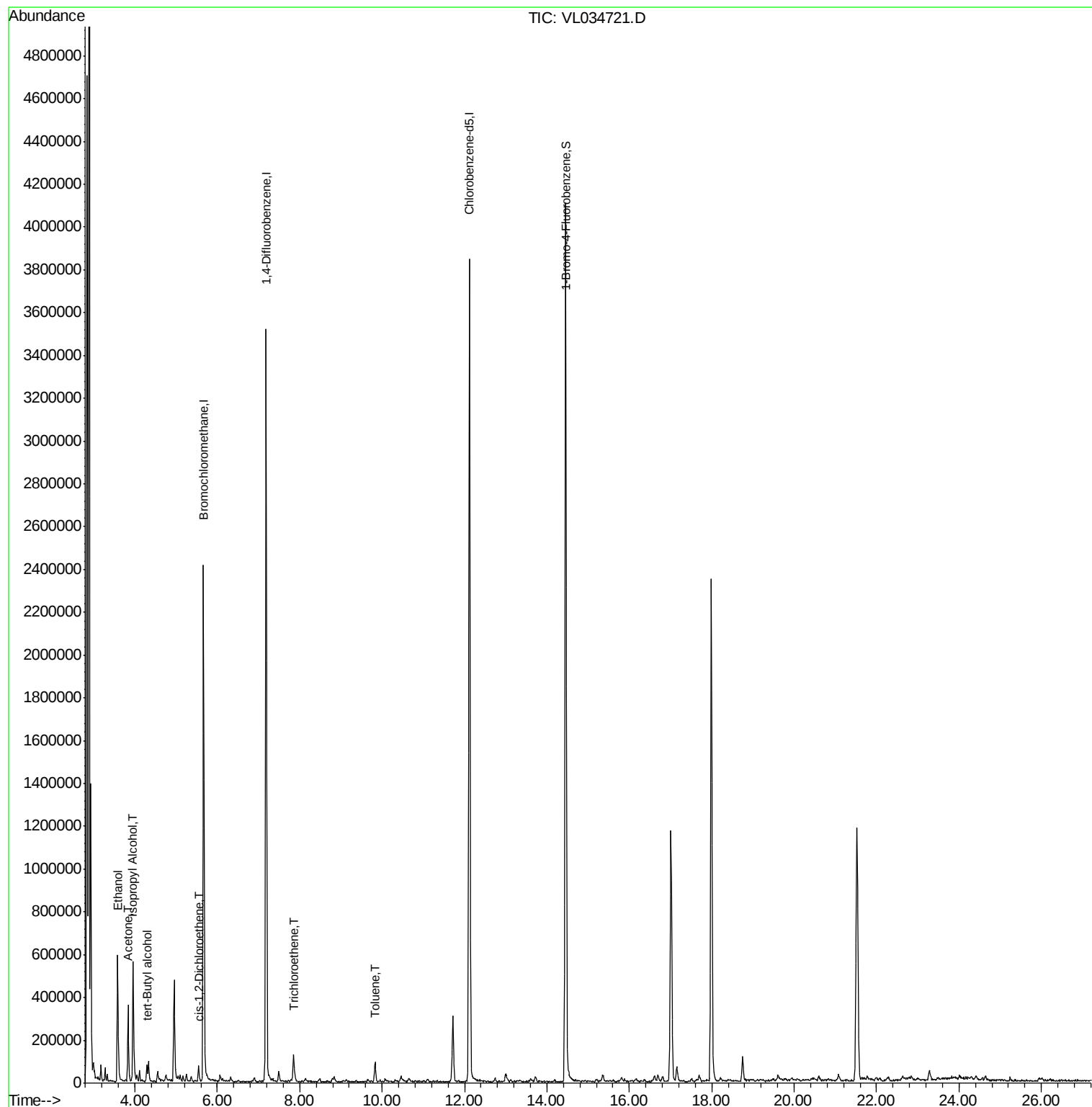
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022720\
Data File : VL034721.D
Acq On : 27 Feb 2020 23:13
Operator : SY/AP
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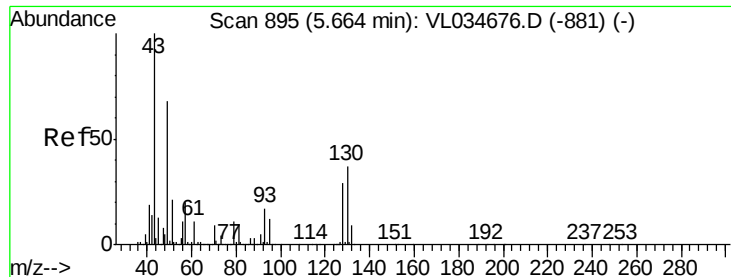
Instrument :
MSVOA_L
ClientSampleId :
SG-1-MAIN-ELECT-RMDL

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Quant Time: Feb 28 11:41:33 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: VL034721.D

Acq: 27 Feb 2020 23:13

Instrument :

MSVOA_L

ClientSampleId :

SG-1-MAIN-ELECT-RMDL

Tot Ion: 49 Resp: 1169808

Ion Ratio Lower Upper

49 100

128 43.5 21.6 65.0

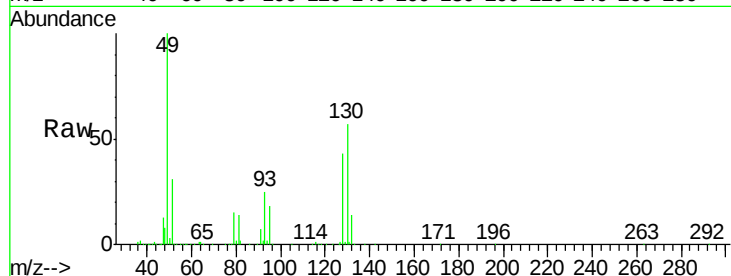
130 56.2 27.7 83.1

Manual Integrations

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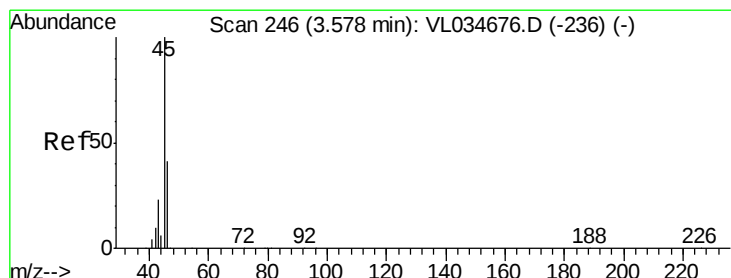
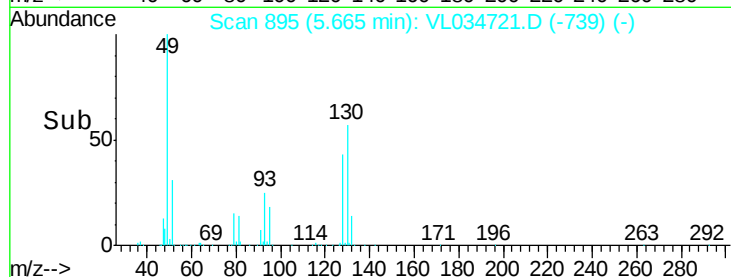
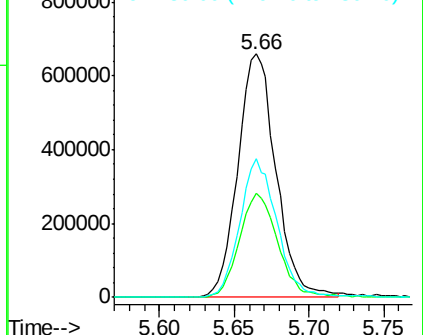
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 34.363 ppbv

RT: 3.58 min Scan# 246

Delta R.T. 0.00 min

Lab File: VL034721.D

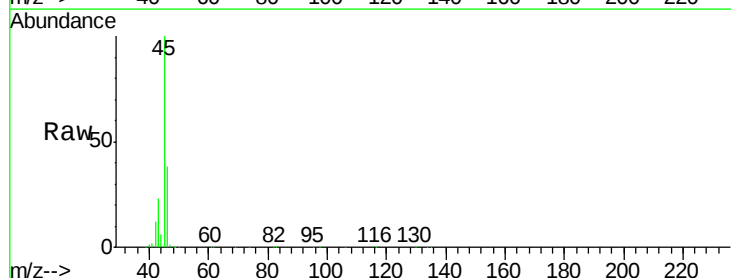
Acq: 27 Feb 2020 23:13

Tgt Ion: 45 Resp: 572859

Ion Ratio Lower Upper

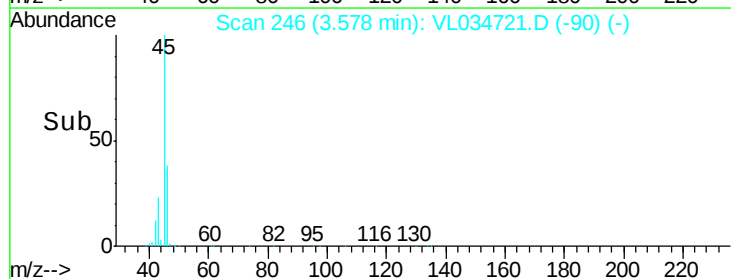
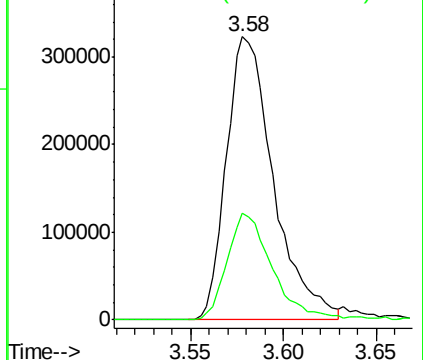
45 100

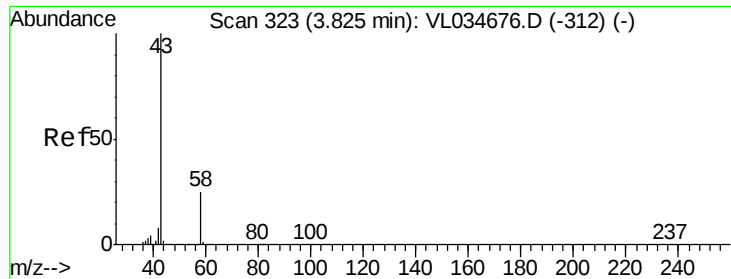
46 37.2 15.4 61.4



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 2.487 ppbv

RT: 3.83 min Scan# 325

Delta R.T. 0.01 min

Lab File: VL034721.D

Acq: 27 Feb 2020 23:13

Instrument :

MSVOA_L

ClientSampleId :

SG-1-MAIN-ELECT-RMDL

Tot Ion: 43 Resp: 331497

Ion Ratio Lower Upper

43 100

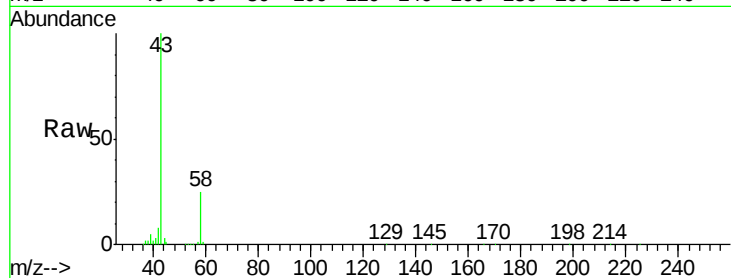
58 26.3 21.4 32.0

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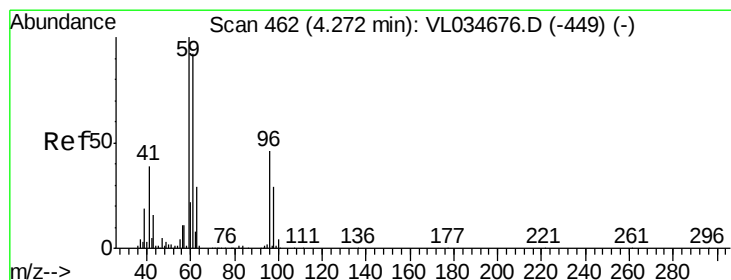
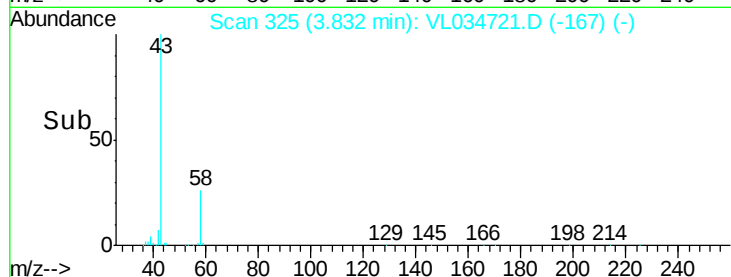
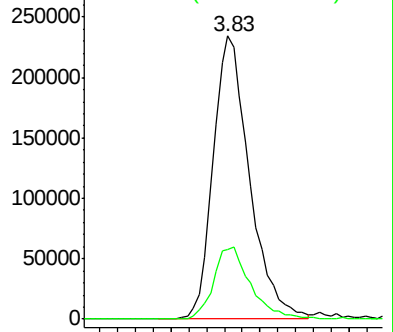
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#17

tert-Butyl alcohol

Concen: 0.512 ppbv

RT: 4.29 min Scan# 467

Delta R.T. 0.02 min

Lab File: VL034721.D

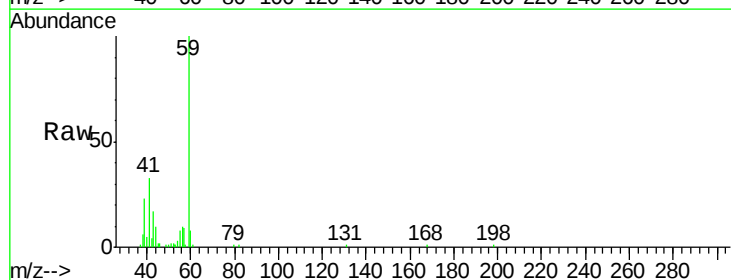
Acq: 27 Feb 2020 23:13

Tgt Ion: 59 Resp: 52305

Ion Ratio Lower Upper

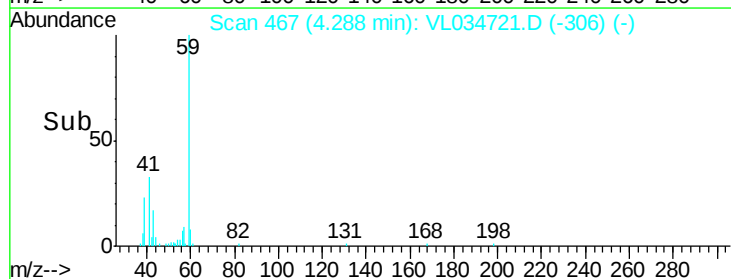
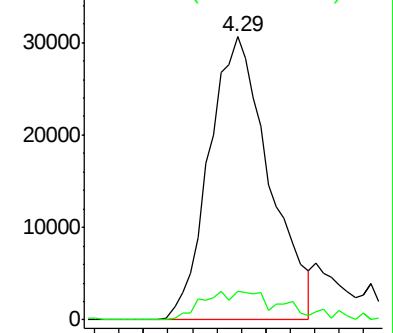
59 100

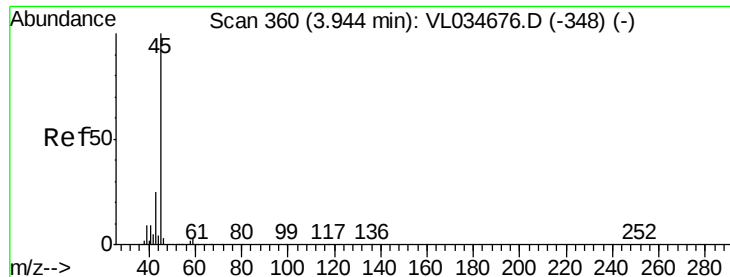
57 14.4 8.8 13.2#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#19

Isopropyl Alcohol

Concen: 7.632 ppbv

RT: 3.95 min Scan# 363

Delta R.T. 0.01 min

Lab File: VL034721.D

Acq: 27 Feb 2020 23:13

Tot Ion: 45 Resp: 605989

Ion Ratio Lower Upper

45 100

58 2.1 1.8 2.6

Instrument :

MSVOA_L

ClientSampleId :

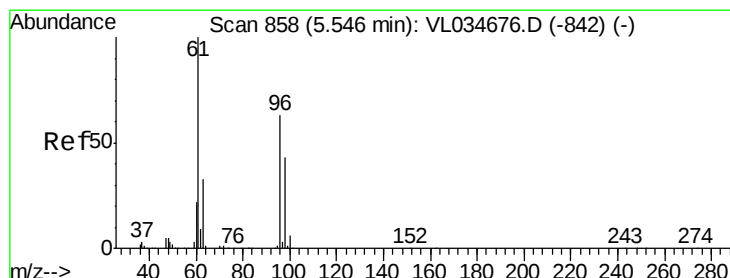
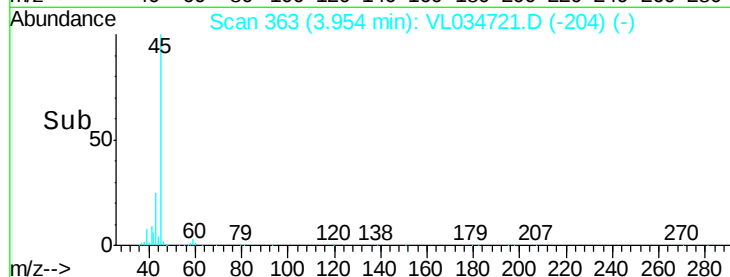
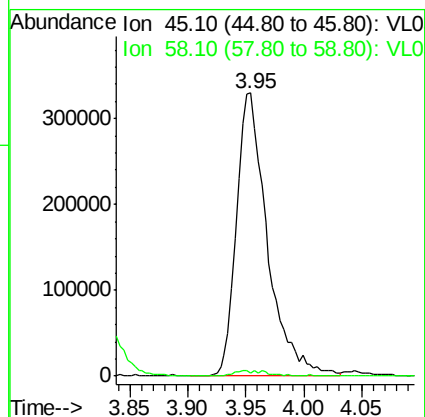
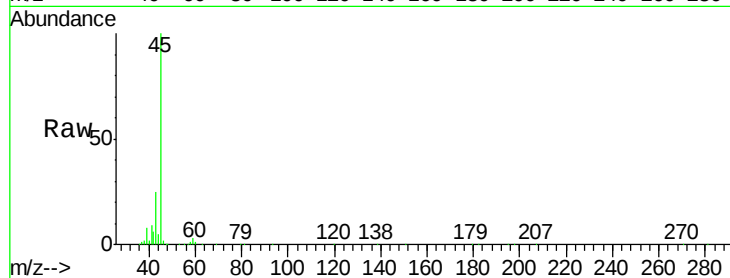
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#31

cis-1,2-Dichloroethene

Concen: 0.347 ppbv

RT: 5.55 min Scan# 859

Delta R.T. 0.00 min

Lab File: VL034721.D

Acq: 27 Feb 2020 23:13

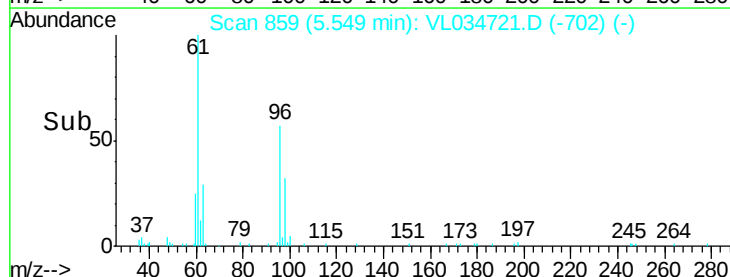
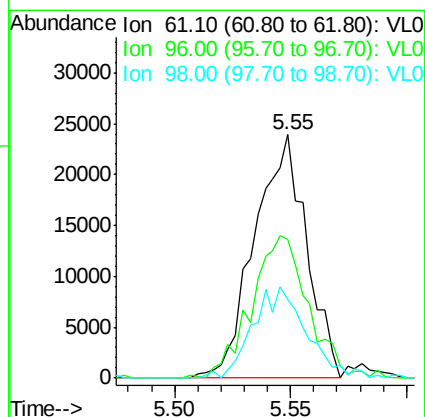
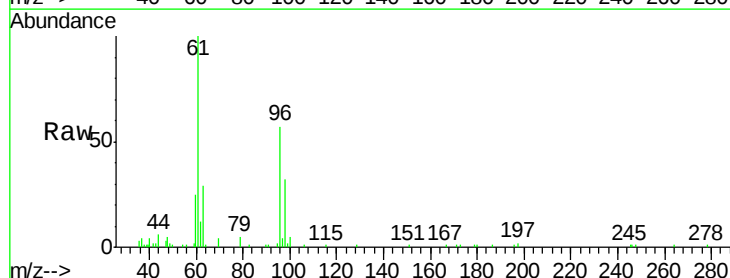
Tgt Ion: 61 Resp: 37190

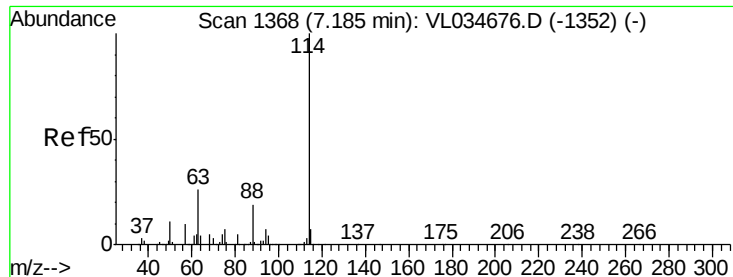
Ion Ratio Lower Upper

61 100

96 55.3 50.2 75.2

98 32.4 34.3 51.5#





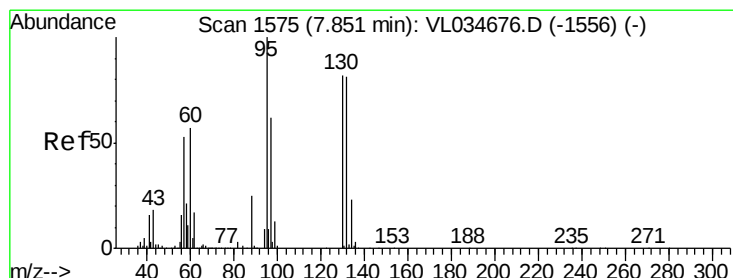
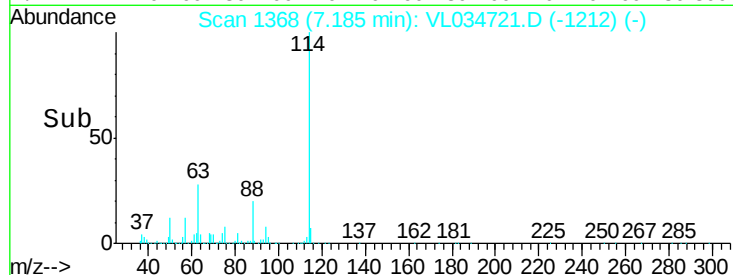
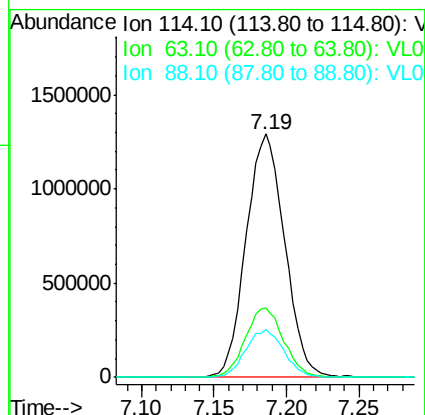
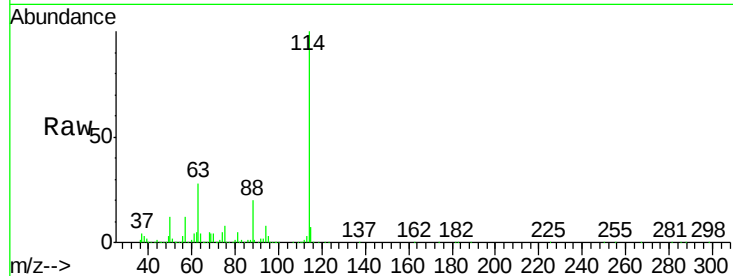
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VL034721.D
 Acq: 27 Feb 2020 23:13

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-ELECT-RMDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.7	22.9	34.3
88	19.6	15.8	23.6

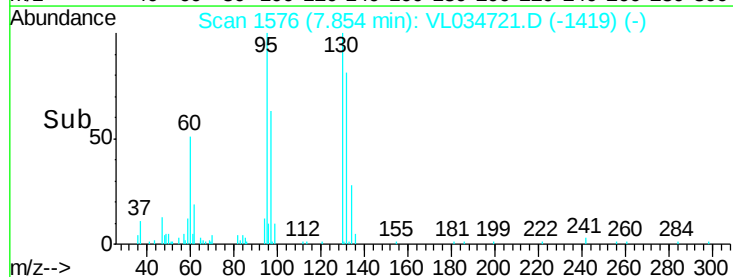
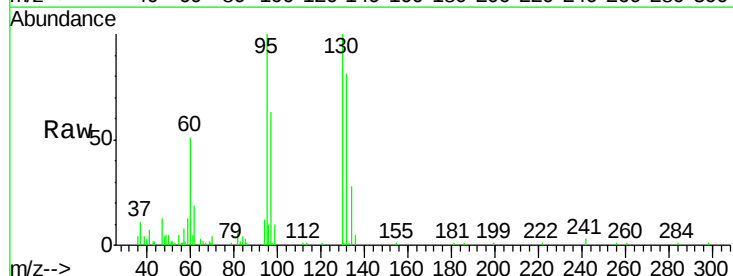
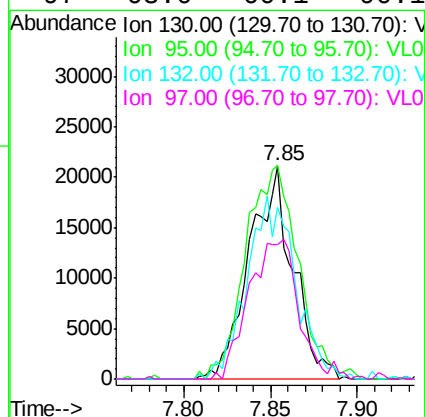
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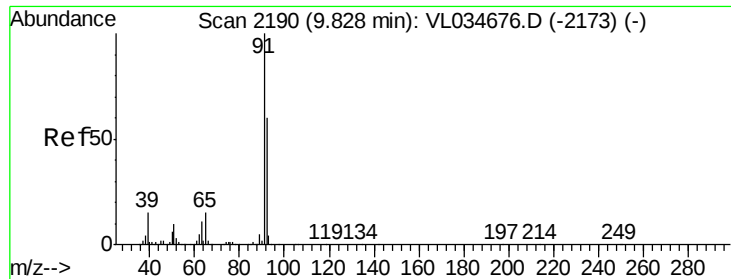
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#38
 Trichloroethene
 Concen: 0.462 ppbv m
 RT: 7.85 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VL034721.D
 Acq: 27 Feb 2020 23:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	97.1	145.7
132	80.9	78.3	117.5
97	63.0	60.1	90.1





#53

Toluene

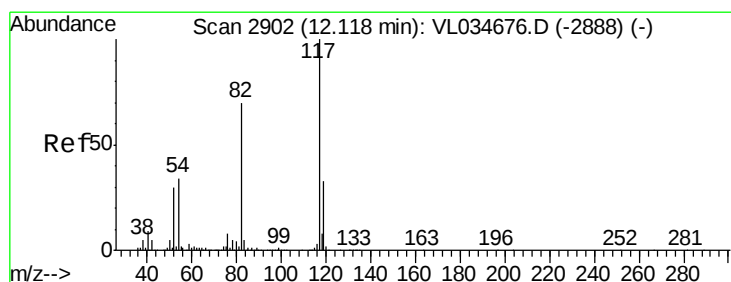
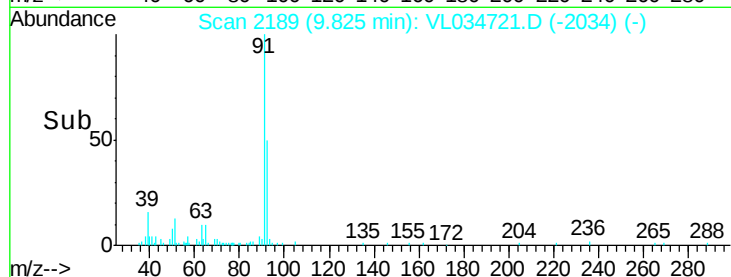
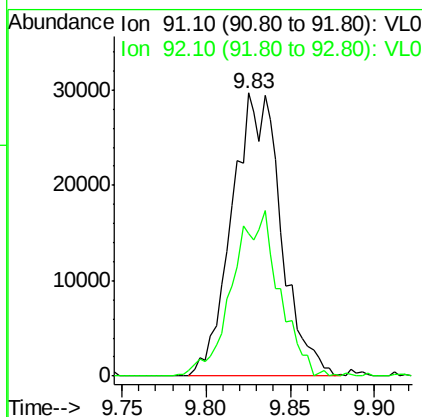
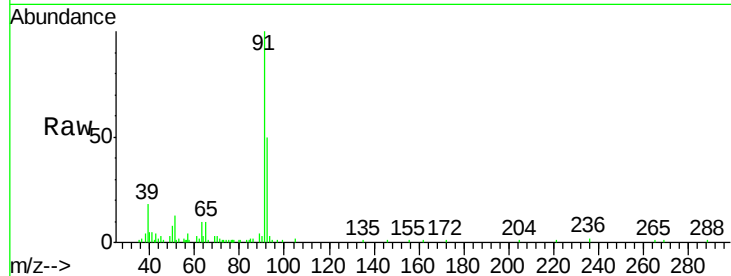
Concen: 0.275 ppbv m
RT: 9.83 min Scan# 2189
Delta R.T. -0.00 min
Lab File: VL034721.D
Acq: 27 Feb 2020 23:13

Instrument :
MSVOA_L
ClientSampleId :
SG-1-MAIN-ELECT-RMDL

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	0.0	48.5	72.7#	

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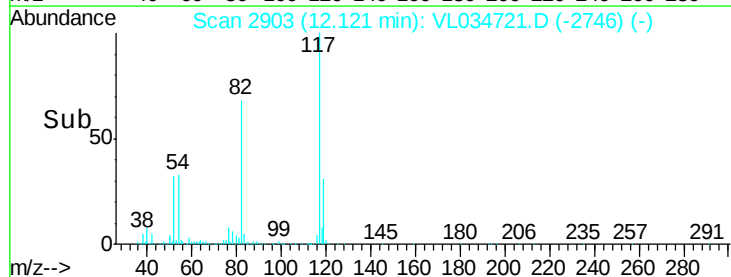
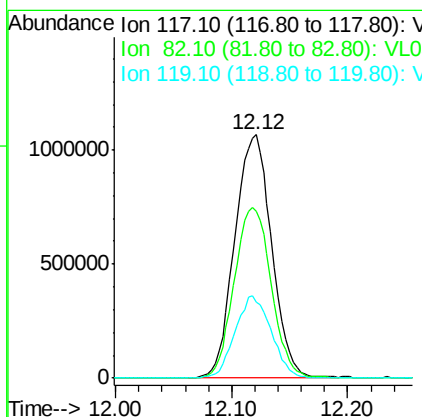
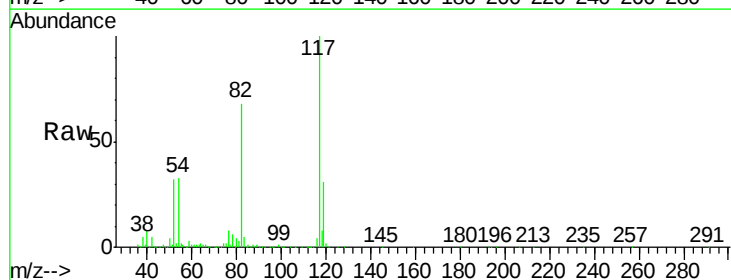


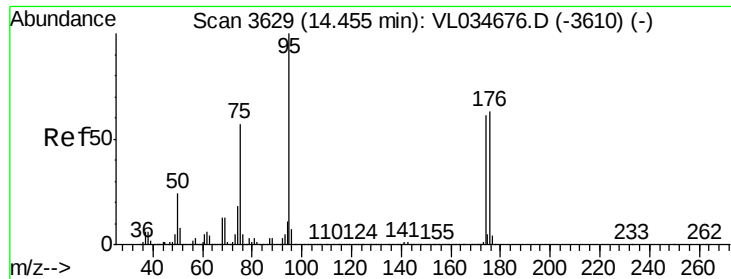
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL034721.D
Acq: 27 Feb 2020 23:13

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
82	71.1	54.1	81.1	
119	33.3	27.6	41.4	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.083 ppbv
 RT: 14.46 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VL034721.D
 Acq: 27 Feb 2020 23:13

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-ELECT-RMDL

Tot Ion: 95 Resp: 1951532
 Ion Ratio Lower Upper
 95 100
 174 64.7 50.7 76.1
 175 4.6 3.9 5.9

Manual Integrations
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