

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022820\
 Data File : VL034749.D
 Acq On : 28 Feb 2020 23:09
 Operator : SY/AP
 Sample : L1661-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-8-COUNCELOR-ROOM

Manual Integrations
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 3/2/2020 1:02:08 PM

Quant Time: Mar 02 12:20:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1054555	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2168512	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2216694	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1856013	10.21	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	21957	0.132	ppbv	99
4) Chloromethane	3.11	50	18577	0.292	ppbv	97
9) Propene	2.98	41	34865m	0.733	ppbv	
10) Heptane	8.13	43	30782m	0.251	ppbv	
11) Trichlorofluoromethane	3.92	101	39948	0.274	ppbv	92
13) Ethanol	3.59	45	2082021	138.539	ppbv	97
15) Acetone	3.82	43	2243083	18.666	ppbv	99
17) tert-Butyl alcohol	4.29	59	342022	3.714	ppbv	100
19) Isopropyl Alcohol	3.96	45	3799135	53.078	ppbv #	98
20) Methylene Chloride	4.32	84	30207	0.676	ppbv #	95
22) trans-1,2-Dichloroethene	4.87	96	3725	0.083	ppbv #	79
26) Hexane	5.68	57	44029	0.449	ppbv #	75
27) Carbon Disulfide	4.54	76	15475m	0.139	ppbv	
29) Chloroform	5.75	83	74383	0.476	ppbv	87
30) Cyclohexane	7.14	84	11038m	0.145	ppbv	
31) cis-1,2-Dichloroethene	5.54	61	71767	0.744	ppbv	91
34) 2-Butanone	5.24	43	256150	1.877	ppbv	98
35) Carbon Tetrachloride	7.02	117	9874	0.068	ppbv	93
36) Benzene	6.90	78	50074m	0.267	ppbv	
38) Trichloroethene	7.85	130	886366	12.278	ppbv	98
41) Tetrahydrofuran	6.05	42	131535	1.826	ppbv	99
44) 2,2,4-Trimethylpentane	7.88	57	113868	0.348	ppbv #	76
50) 4-Methyl-2-Pentanone	8.76	43	91897	0.475	ppbv	98
52) Tetrachloroethene	11.24	164	19996m	0.291	ppbv	
53) Toluene	9.83	91	627154	3.148	ppbv	99
58) Ethyl Benzene	12.74	91	187023m	0.697	ppbv	
59) m/p-Xylene	13.00	91	561768	2.402	ppbv	99
60) o-Xylene	13.72	91	232445	1.001	ppbv	95
61) Styrene	13.56	104	16955m	0.114	ppbv	
64) n-propylbenzene	15.60	120	14564m	0.167	ppbv	
69) p-Isopropyltoluene	17.70	119	460661	1.330	ppbv	97
72) 4-Ethyltoluene	15.88	105	72113	0.279	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.04	105	66739	0.269	ppbv	90
74) 1,2,4-Trimethylbenzene	16.81	105	311520	1.135	ppbv #	62
76) 1,4-Dichlorobenzene	17.18	146	21272m	0.134	ppbv	
79) Naphthalene	22.27	128	58052m	0.240	ppbv	

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

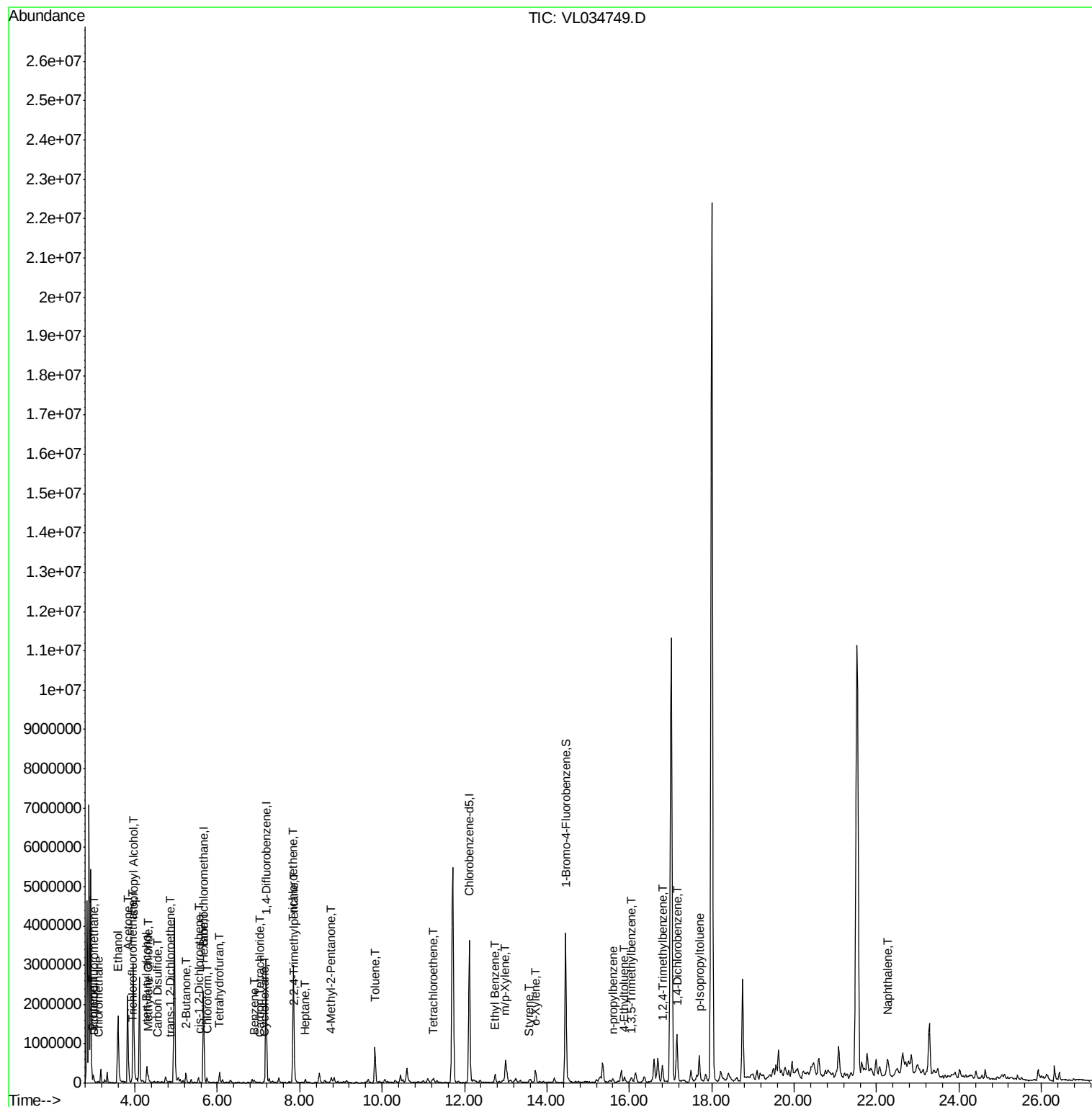
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022820\
Data File : VL034749.D
Acq On : 28 Feb 2020 23:09
Operator : SY/AP
Sample : L1661-08
Misc : 400ml/MSVOA L
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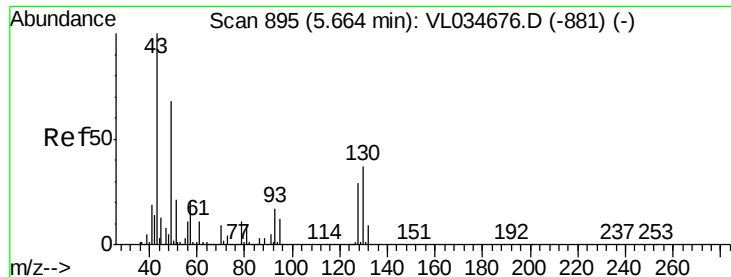
Instrument :
MSVOA_L
ClientSampleId :
SG-8-COUNCELOR-ROOM

Manual Integrations
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Quant Time: Mar 02 12:20:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb
QLast Update : Fri Feb 28 01:15:02 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: VL034749.D

Acq: 28 Feb 2020 23:09

Instrument :

MSVOA_L

ClientSampleId :

SG-8-COUNCELOR-ROOM

Tot Ion: 49 Resp: 1054555

Ion Ratio Lower Upper

49 100

128 43.0 21.6 65.0

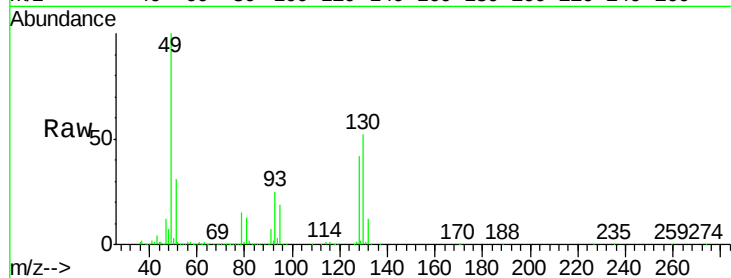
130 54.9 27.7 83.1

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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

5.66

600000

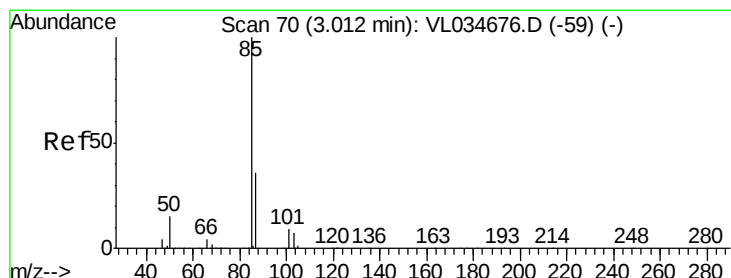
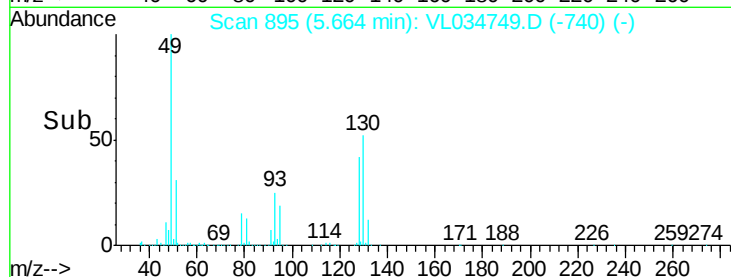
400000

200000

0

5.60 5.65 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 0.132 ppbv

RT: 3.01 min Scan# 70

Delta R.T. -0.00 min

Lab File: VL034749.D

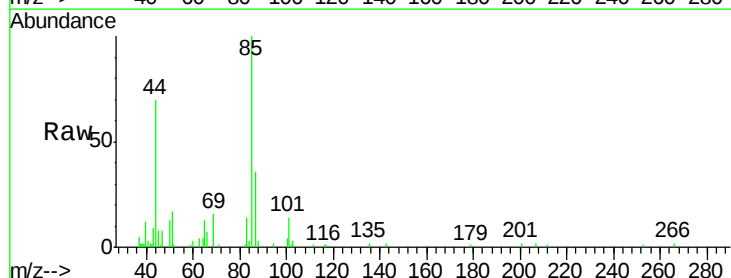
Acq: 28 Feb 2020 23:09

Tgt Ion: 85 Resp: 21957

Ion Ratio Lower Upper

85 100

87 35.8 29.2 43.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

20000

15000

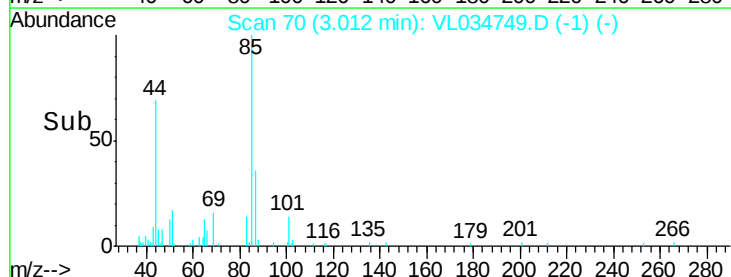
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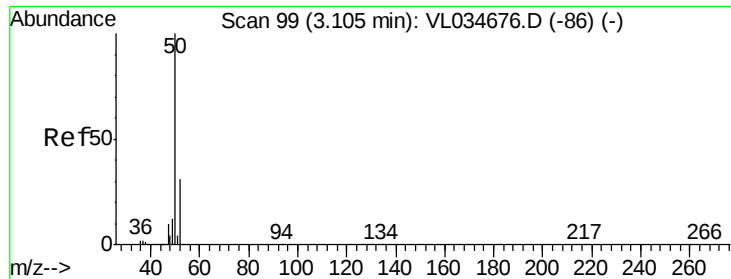
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0

2.98 3.00 3.02 3.04

Time-->





#4

Chloromethane

Concen: 0.292 ppbv

RT: 3.11 min Scan# 100

Delta R.T. 0.00 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

Instrument :

MSVOA_L

ClientSampleId :

SG-8-COUNCELOR-ROOM

Tot Ion: 50 Resp: 18577

Ion Ratio Lower Upper

50 100

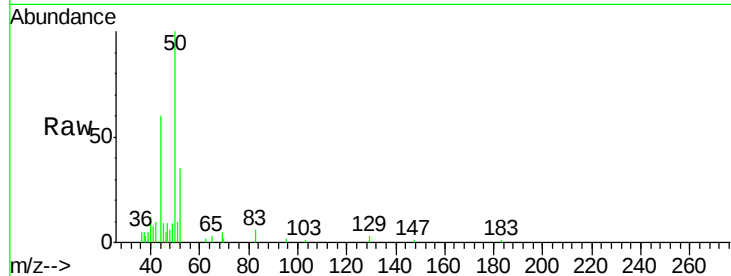
52 32.7 25.0 37.4

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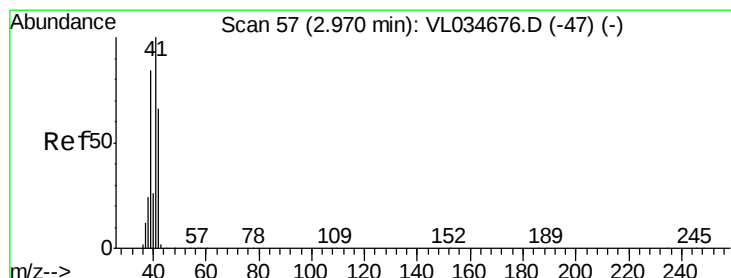
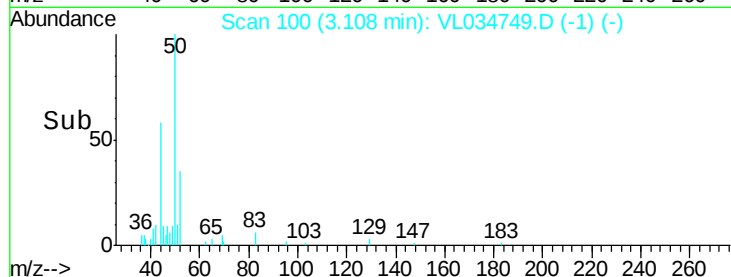
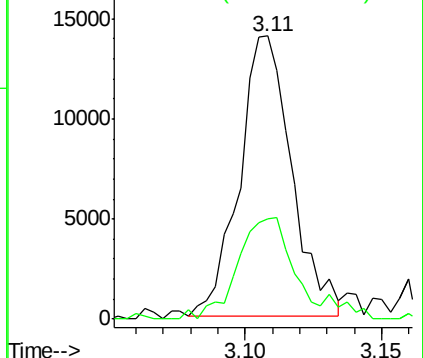
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Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#9

Propene

Concen: 0.733 ppbv m

RT: 2.98 min Scan# 61

Delta R.T. 0.01 min

Lab File: VL034749.D

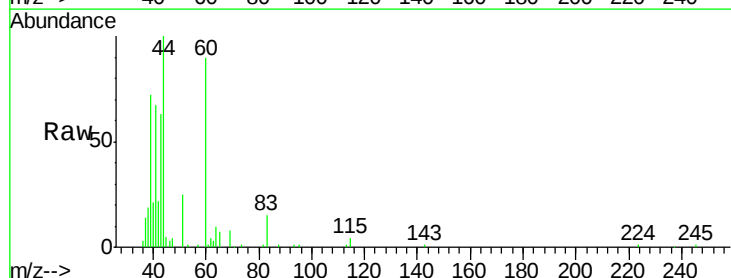
Acq: 28 Feb 2020 23:09

Tgt Ion: 41 Resp: 34865

Ion Ratio Lower Upper

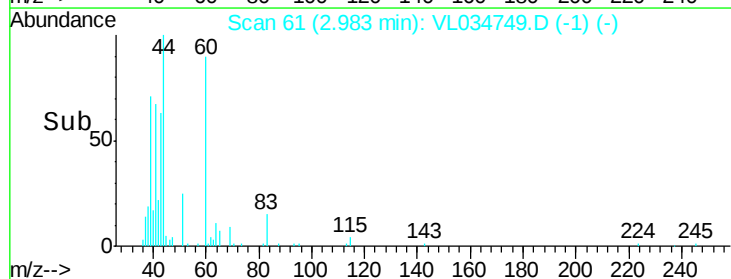
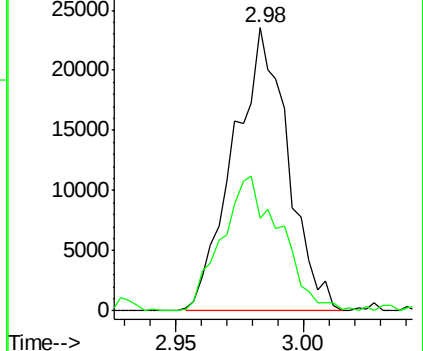
41 100

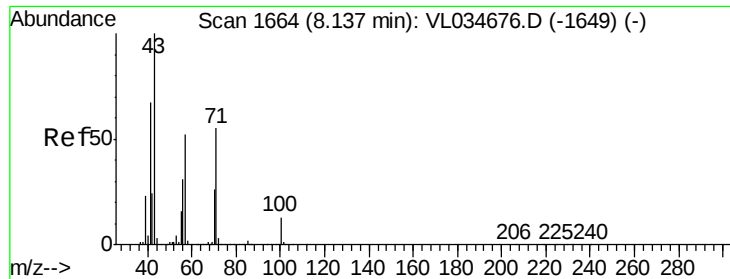
42 55.1 54.9 82.3



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





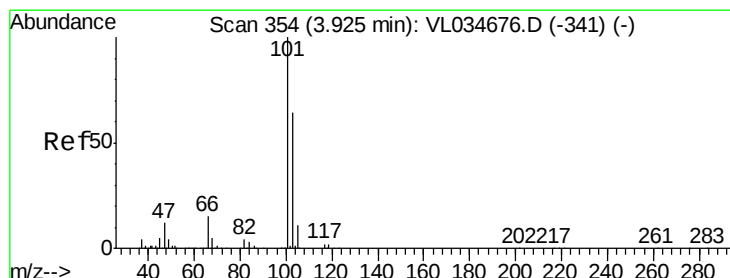
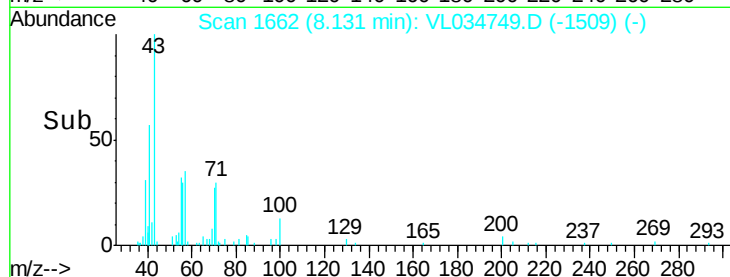
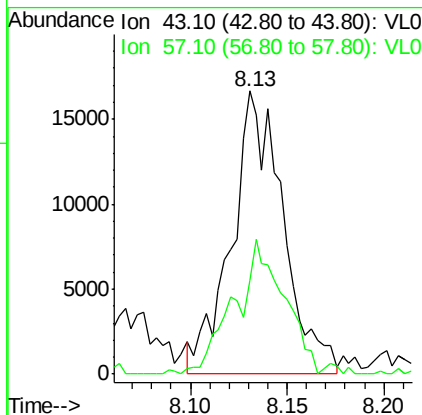
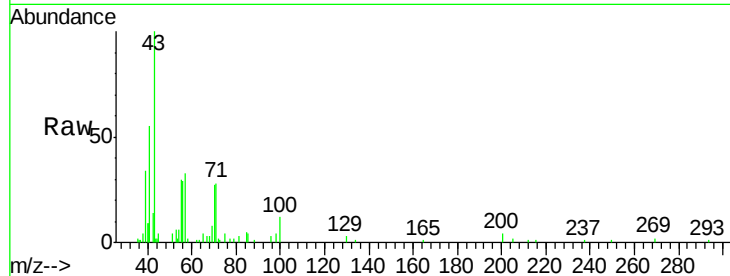
#10
 Heptane
 Concen: 0.251 ppbv m
 RT: 8.13 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: VL034749.D
 Acq: 28 Feb 2020 23:09

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-8-COUNCELOR-ROOM

Tot Ion: 43 Resp: 30782
 Ion Ratio Lower Upper
 43 100
 57 0.0 41.0 61.6#

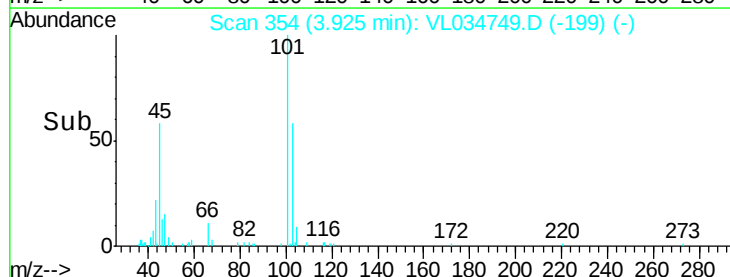
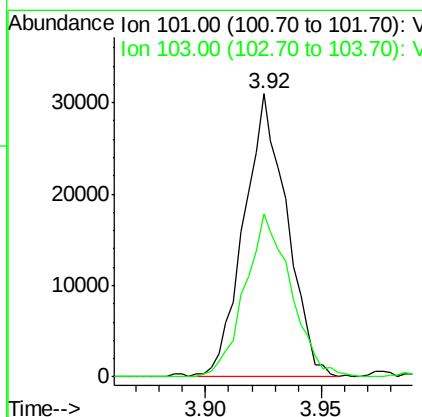
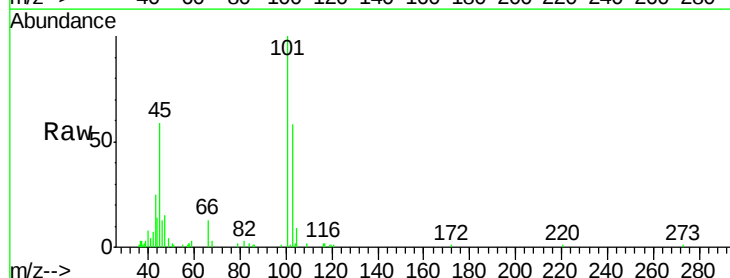
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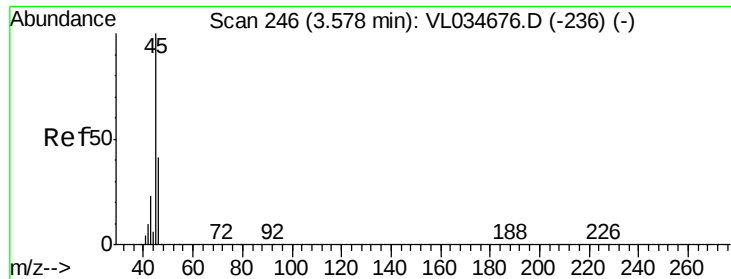
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#11
 Trichlorofluoromethane
 Concen: 0.274 ppbv
 RT: 3.92 min Scan# 354
 Delta R.T. -0.00 min
 Lab File: VL034749.D
 Acq: 28 Feb 2020 23:09

Tgt Ion: 101 Resp: 39948
 Ion Ratio Lower Upper
 101 100
 103 57.8 51.2 76.8





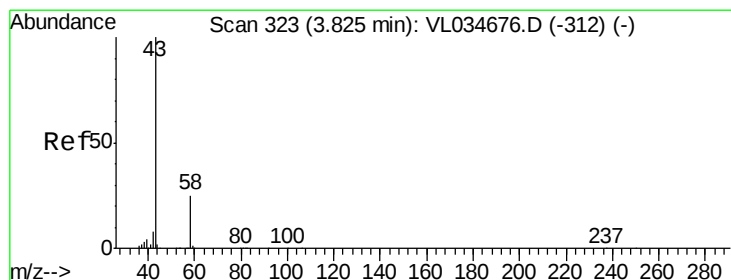
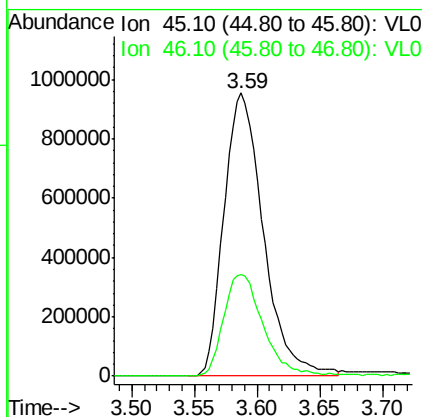
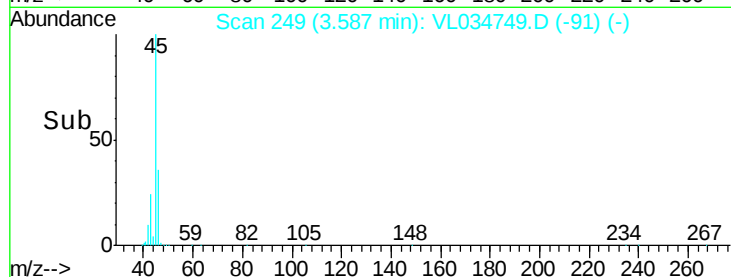
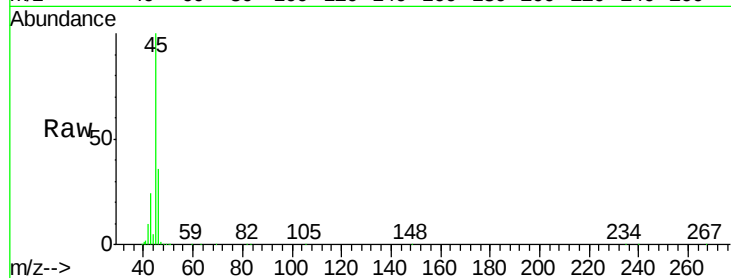
#13
Ethanol
Concen: 138.539 ppbv
RT: 3.59 min Scan# 249
Delta R.T. 0.01 min
Lab File: VL034749.D
Acq: 28 Feb 2020 23:09

Instrument :
MSVOA_L
ClientSampleId :
SG-8-COUNCELOR-ROOM

Tot Ion: 45 Resp: 2082021
Ion Ratio Lower Upper
45 100
46 36.3 15.4 61.4

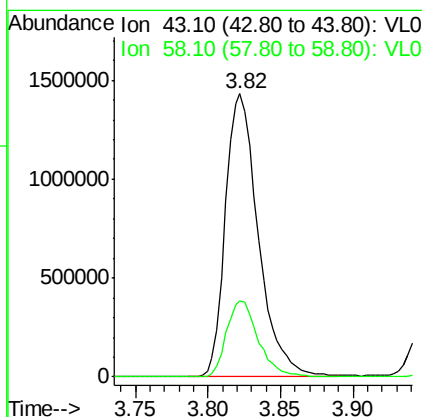
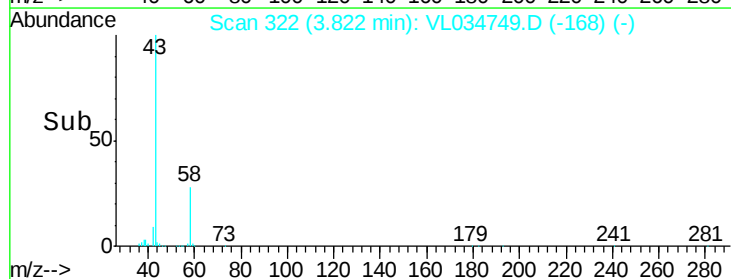
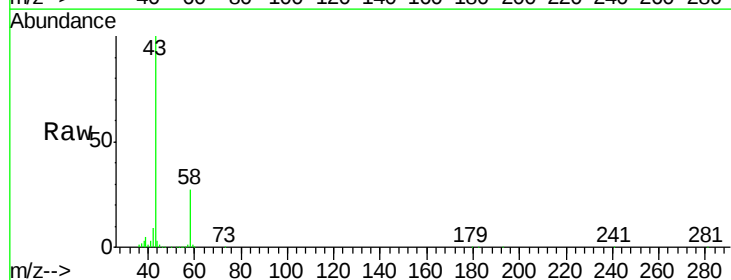
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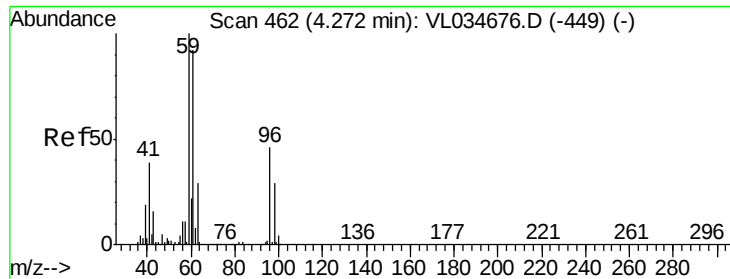
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#15
Acetone
Concen: 18.666 ppbv
RT: 3.82 min Scan# 322
Delta R.T. -0.00 min
Lab File: VL034749.D
Acq: 28 Feb 2020 23:09

Tgt Ion: 43 Resp: 2243083
Ion Ratio Lower Upper
43 100
58 26.1 21.4 32.0





#17

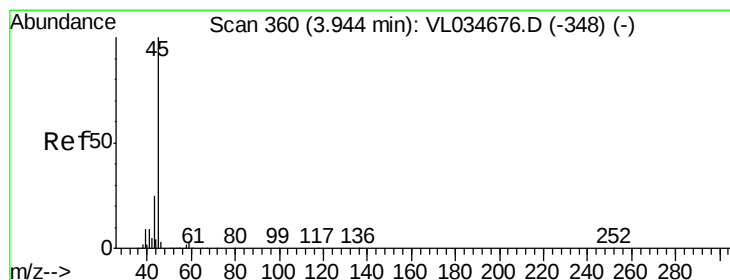
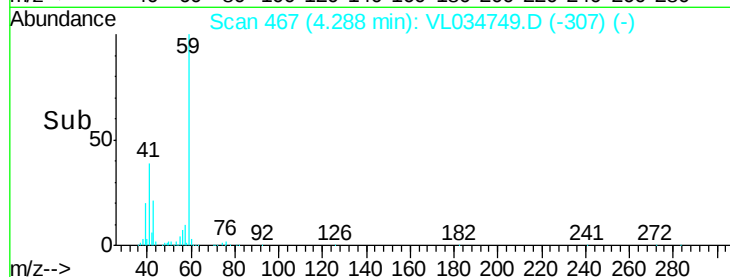
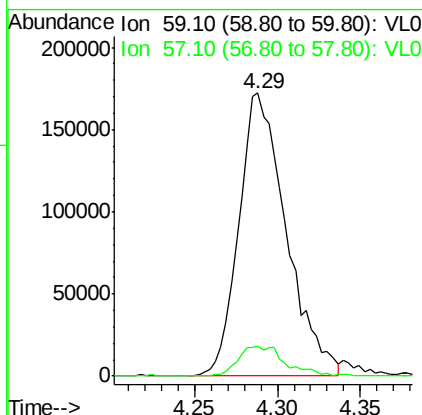
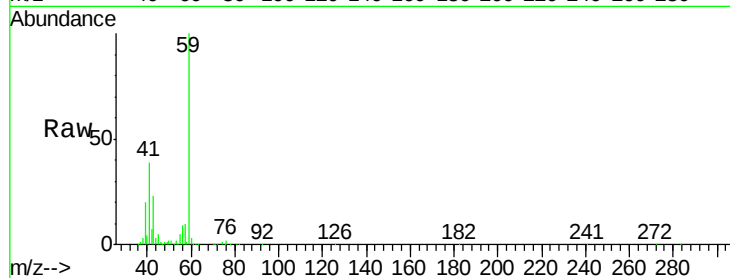
tert-Butyl alcohol
 Concen: 3.714 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T. 0.02 min
 Lab File: VL034749.D
 Acq: 28 Feb 2020 23:09

Instrument :
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 ClientSampleId :
 SG-8-COUNSELOR-ROOM

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.8	13.2

Manual Integrations
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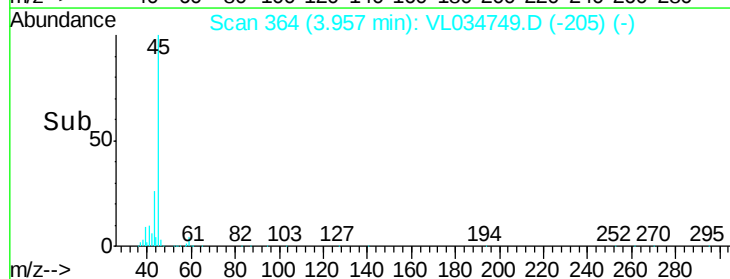
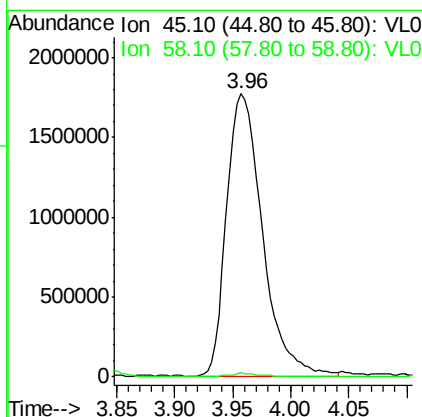
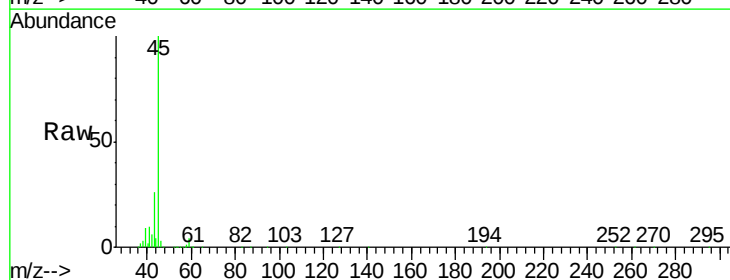
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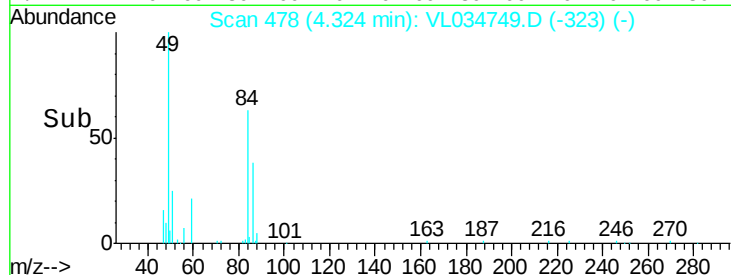
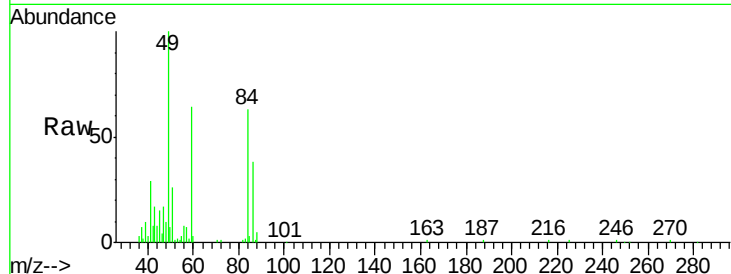
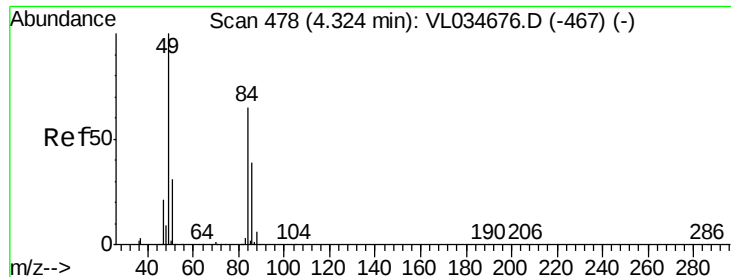


#19

Isopropyl Alcohol
 Concen: 53.078 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VL034749.D
 Acq: 28 Feb 2020 23:09

Tgt Ion	Ratio	Lower	Upper
45	100		
58	1.4	1.8	2.6#





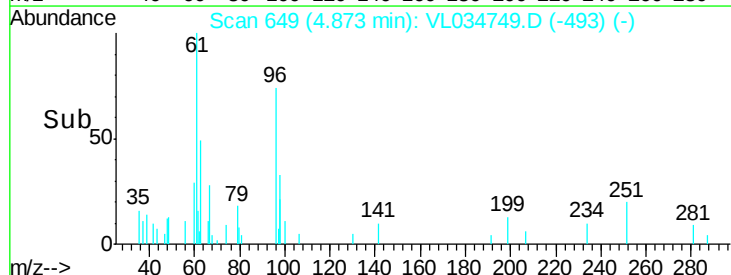
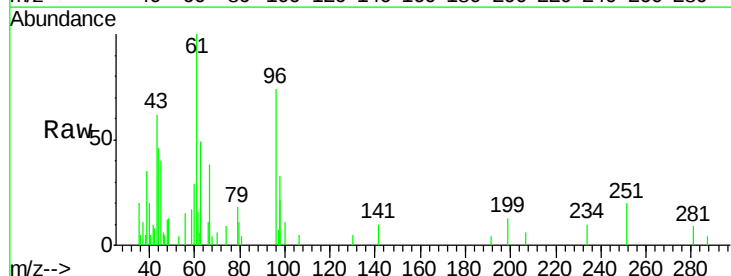
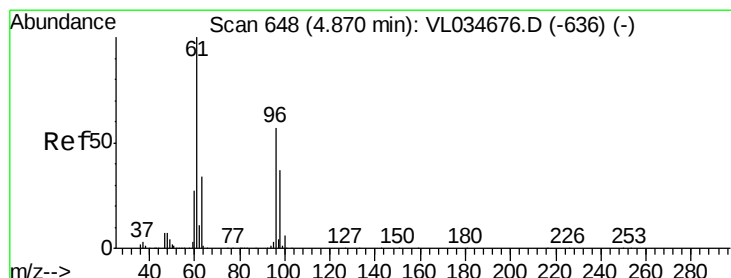
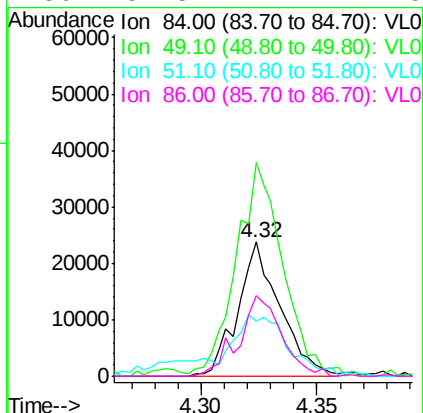
#20
Methvlene Chloride
Concen: 0.676 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL034749.D
Acq: 28 Feb 2020 23:09

Tot Ion:	84	Resp:	30207
Ion Ratio	Lower	Upper	
84	100		
49	150.7	122.8	184.2
51	38.5	38.6	58.0#
86	57.5	47.7	71.5

Instrument :
MSVOA_L
ClientSampleId :
SG-8-COUNCELOR-ROOM

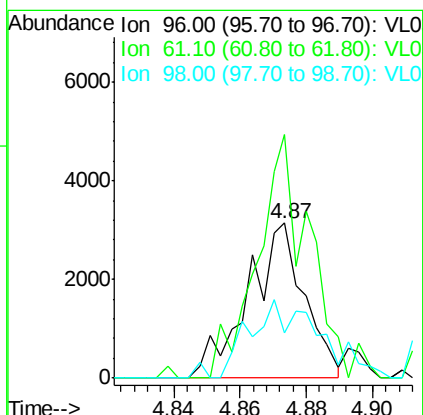
Manual Integrations
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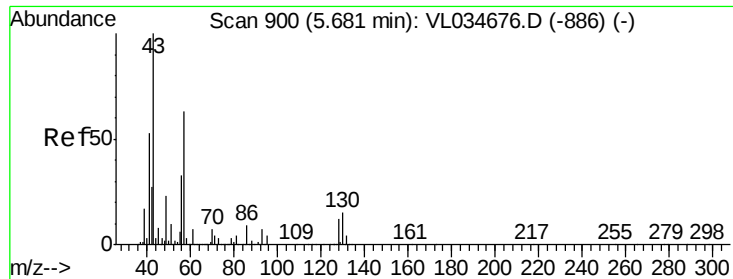
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#22
trans-1,2-Dichloroethene
Concen: 0.083 ppbv
RT: 4.87 min Scan# 649
Delta R.T. 0.00 min
Lab File: VL034749.D
Acq: 28 Feb 2020 23:09

Tgt Ion:	96	Resp:	3725
Ion Ratio	Lower	Upper	
96	100		
61	157.2	139.4	209.0
98	29.0	51.3	76.9#





#26

Hexane

Concen: 0.449 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.00 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

Instrument :

MSVOA_L

ClientSampleId :

SG-8-COUNCELOR-ROOM

Tot Ion: 57 Resp: 44029

Ion Ratio Lower Upper

57 100

41 109.5 70.3 105.5#

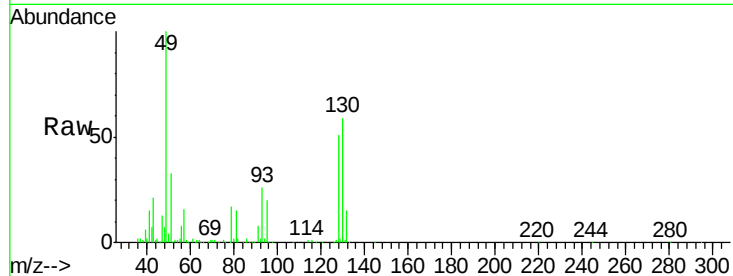
43 175.9 177.0 265.4#

56 64.6 42.6 64.0#

Manual Integrations
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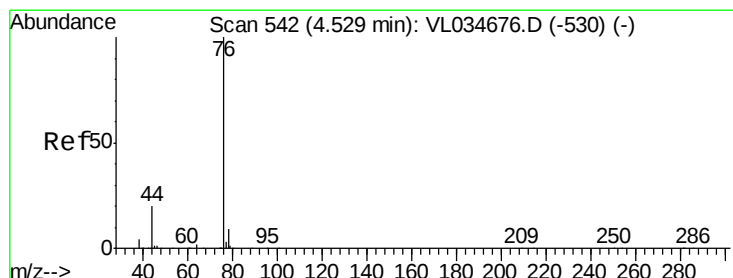
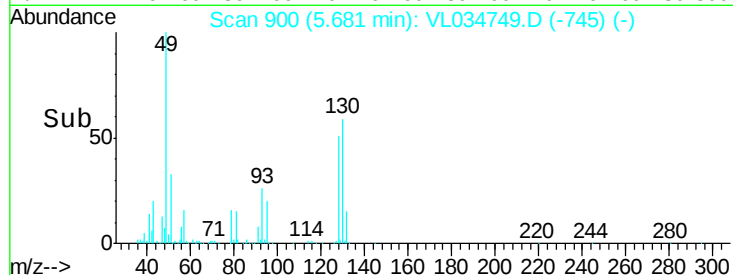
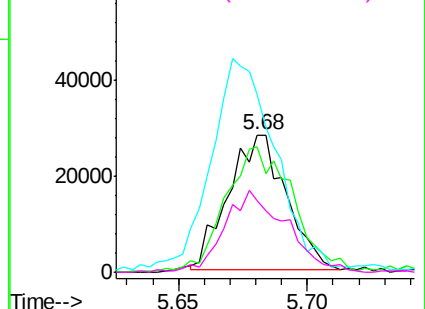


Abundance Ion 57.10 (56.80 to 57.80): VL0

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



#27

Carbon Disulfide

Concen: 0.139 ppbv m

RT: 4.54 min Scan# 545

Delta R.T. 0.01 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

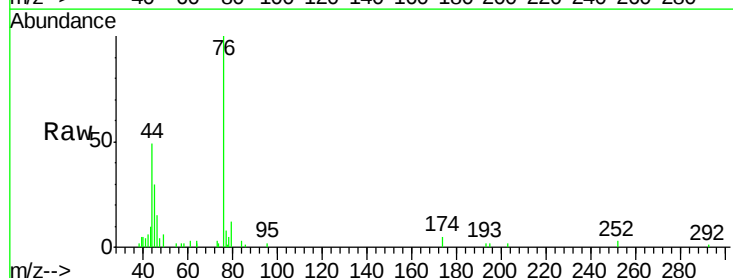
Tgt Ion: 76 Resp: 15475

Ion Ratio Lower Upper

76 100

44 43.3 15.3 22.9#

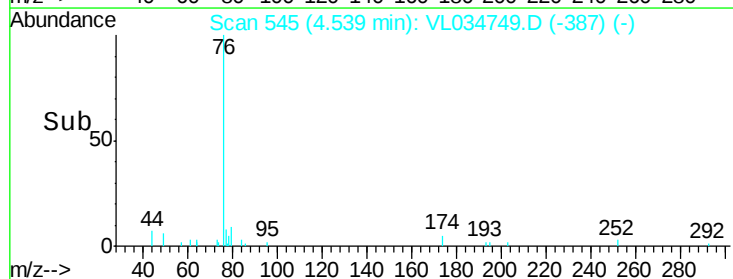
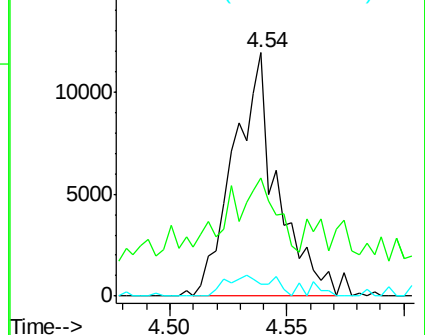
78 0.0 7.6 11.4#

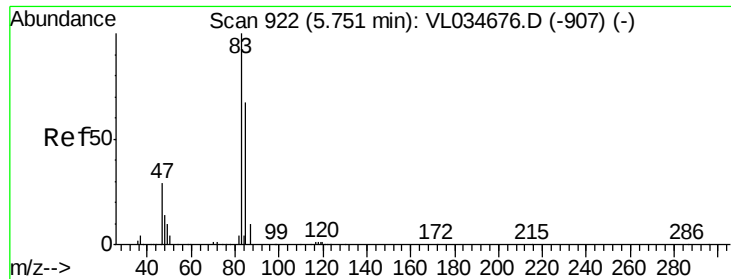


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





#29

Chloroform

Concen: 0.476 ppbv

RT: 5.75 min Scan# 921

Delta R.T. -0.00 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

Instrument :

MSVOA_L

ClientSampleId :

SG-8-COUNCELOR-ROOM

Tot Ion: 83 Resp: 74383

Ion Ratio Lower Upper

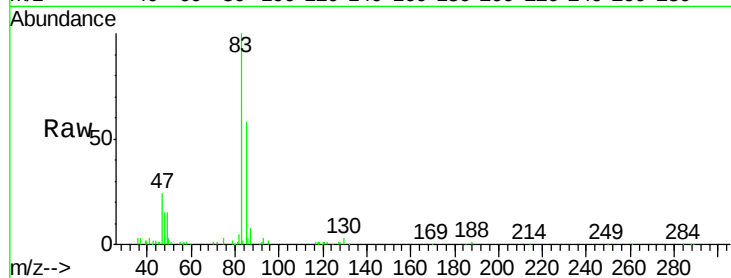
83 100

85 57.0 53.9 80.9

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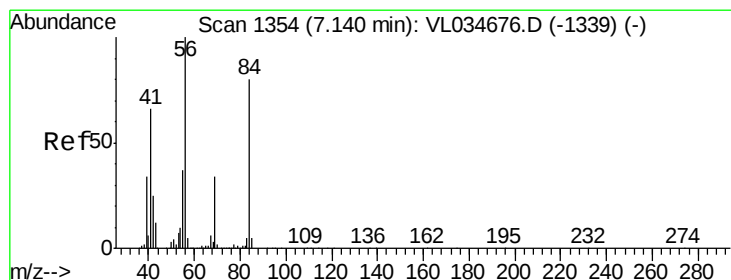
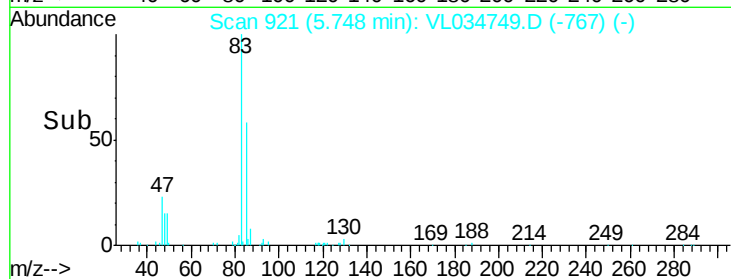
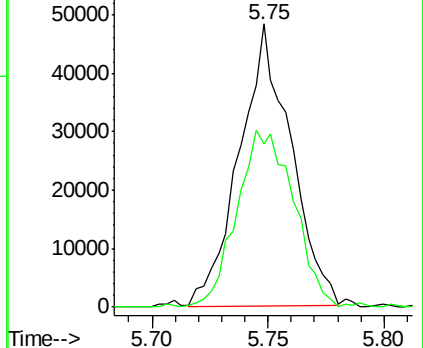
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Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 0.145 ppbv m

RT: 7.14 min Scan# 1353

Delta R.T. -0.00 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

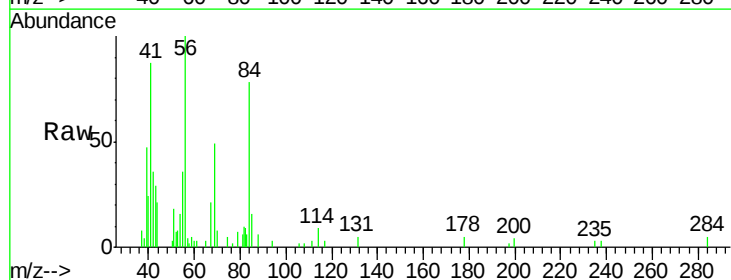
Tgt Ion: 84 Resp: 11038

Ion Ratio Lower Upper

84 100

56 0.0 113.4 170.2#

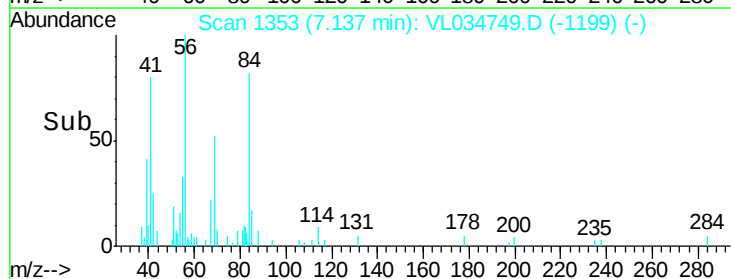
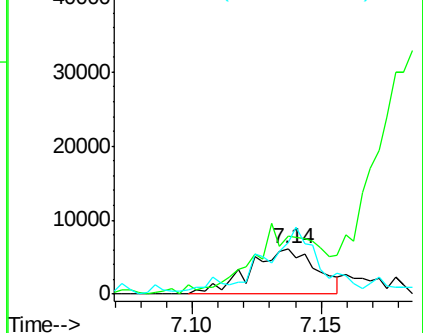
41 140.3 68.2 102.4#

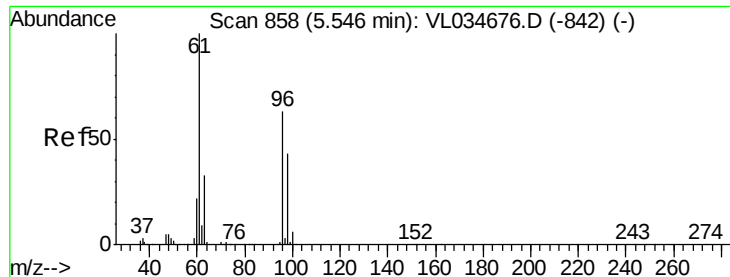


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#31

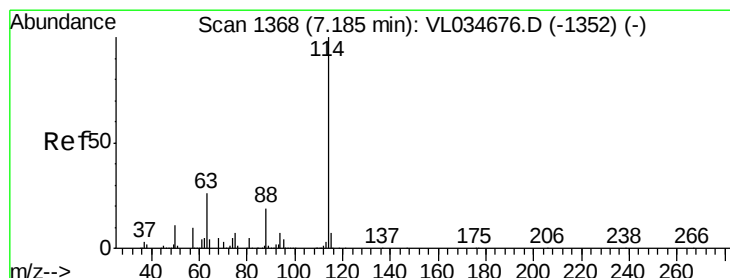
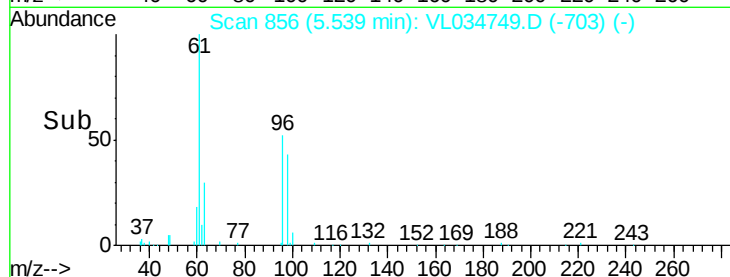
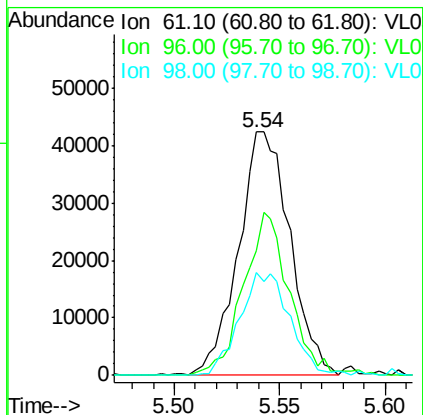
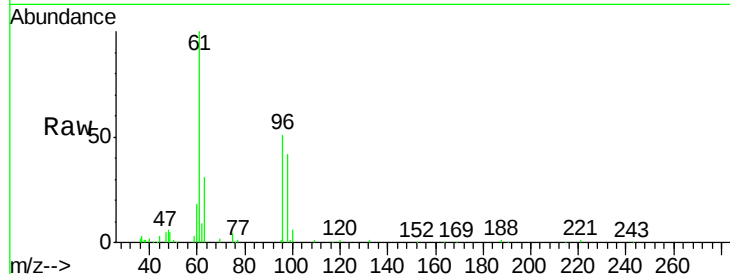
cis-1,2-Dichloroethene
Concen: 0.744 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.01 min
Lab File: VL034749.D
Acq: 28 Feb 2020 23:09

Instrument :
MSVOA_L
ClientSampleId :
SG-8-COUNCELOR-ROOM

Tot Ion	Ratio	Lower	Upper
61	100		
96	51.4	50.2	75.2
98	42.1	34.3	51.5

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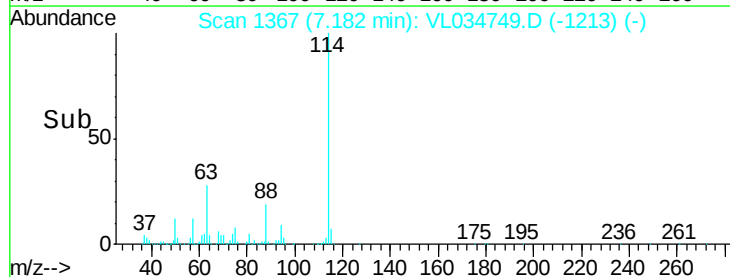
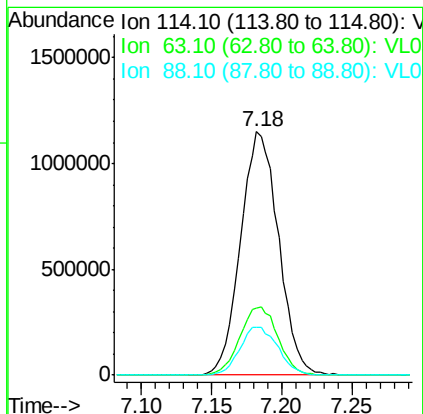
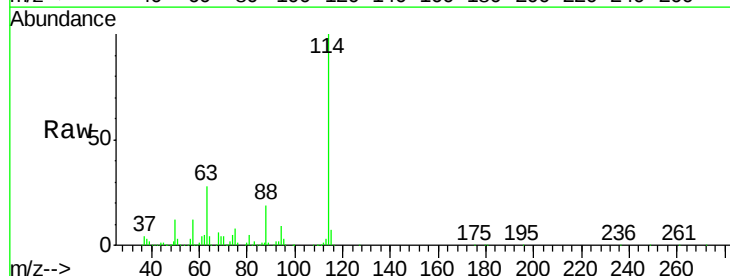
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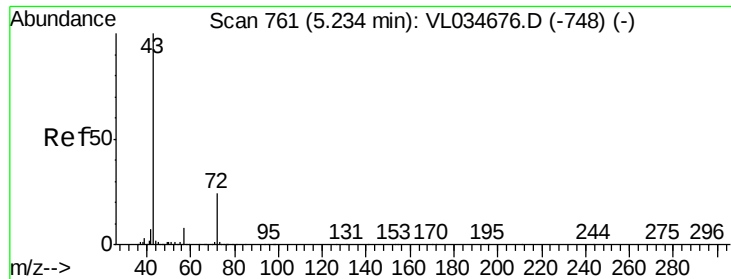


#33

1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL034749.D
Acq: 28 Feb 2020 23:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.3	22.9	34.3
88	19.8	15.8	23.6





#34

2-Butanone

Concen: 1.877 ppbv

RT: 5.24 min Scan# 763

Delta R.T. 0.01 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

Instrument :

MSVOA_L

ClientSampleId :

SG-8-COUNCELOR-ROOM

Tot Ion: 43 Resp: 256150

Ion Ratio Lower Upper

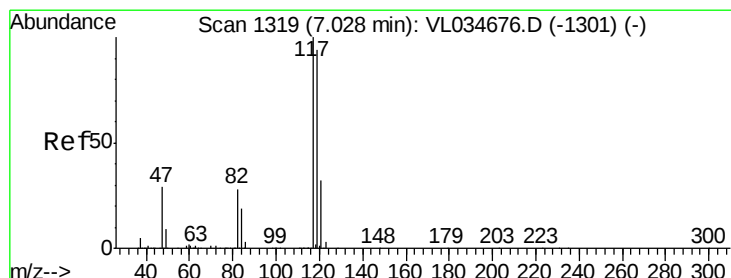
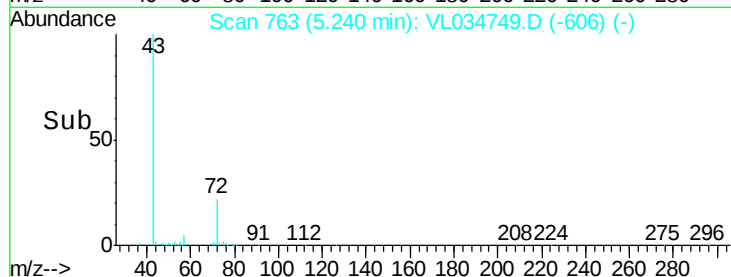
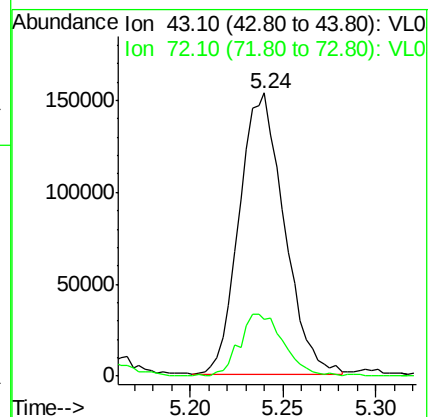
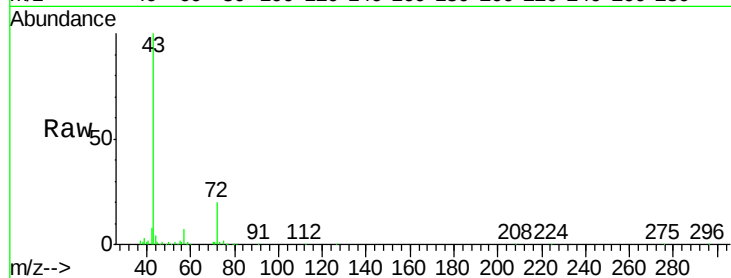
43 100

72 22.0 18.2 27.2

Manual Integrations
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#35

Carbon Tetrachloride

Concen: 0.068 ppbv

RT: 7.02 min Scan# 1318

Delta R.T. -0.00 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

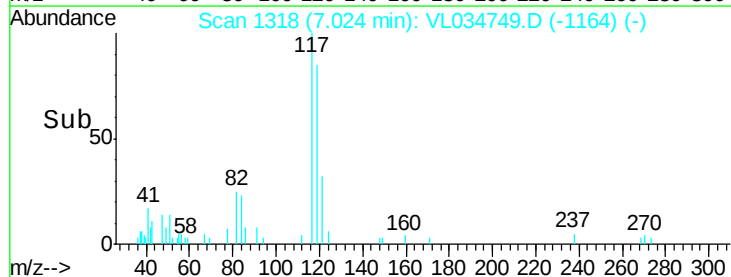
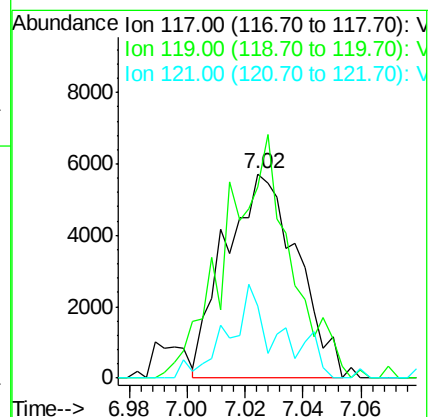
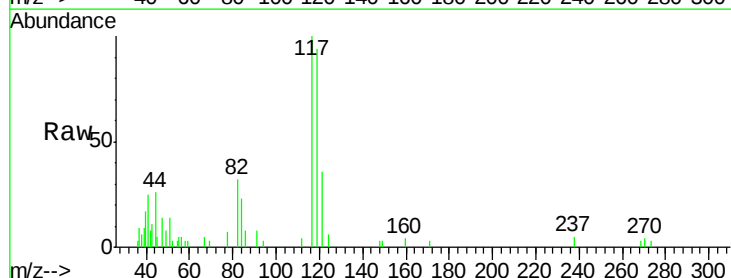
Tgt Ion: 117 Resp: 9874

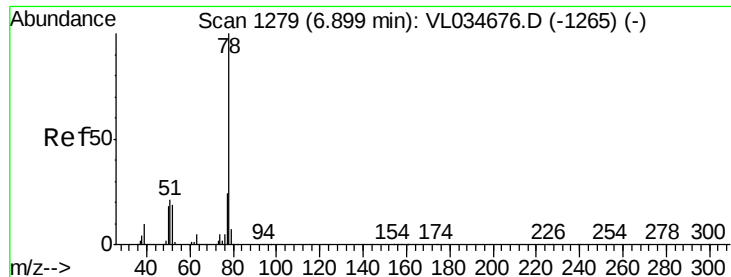
Ion Ratio Lower Upper

117 100

119 88.0 75.5 113.3

121 35.6 25.4 38.0





#36

Benzene

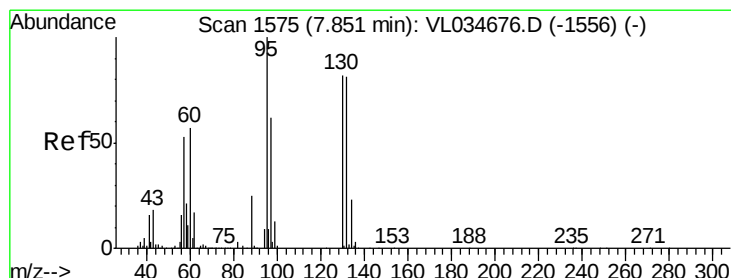
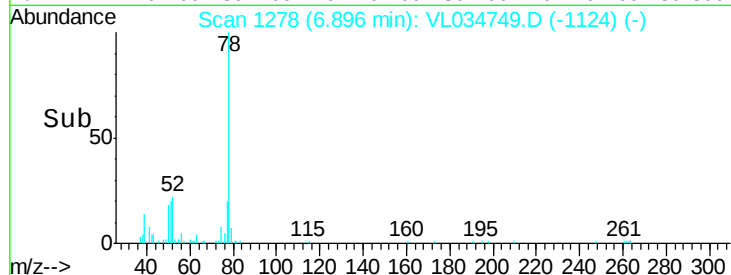
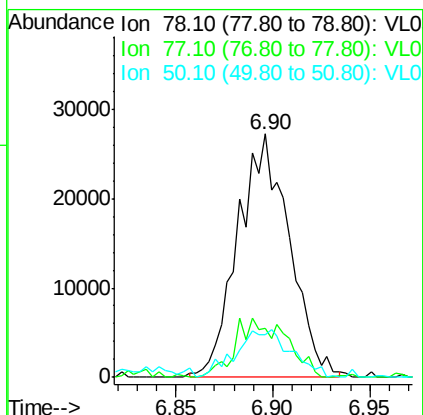
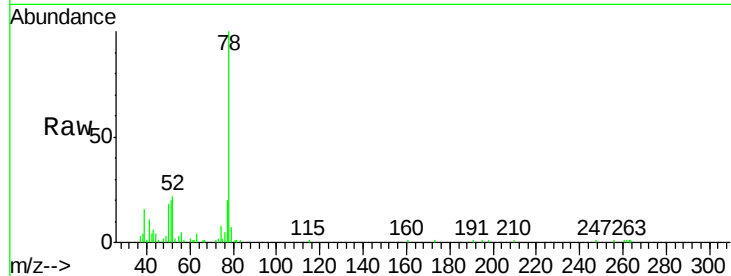
Concen: 0.267 ppbv m
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL034749.D
Acq: 28 Feb 2020 23:09

Instrument :
MSVOA_L
ClientSampleId :
SG-8-COUNCELOR-ROOM

Tot Ion	Ratio	Lower	Upper
78	100		
77	20.3	19.5	29.3
50	17.8	14.6	21.8

Manual Integrations
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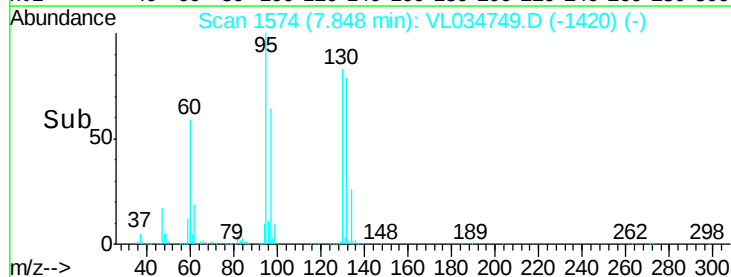
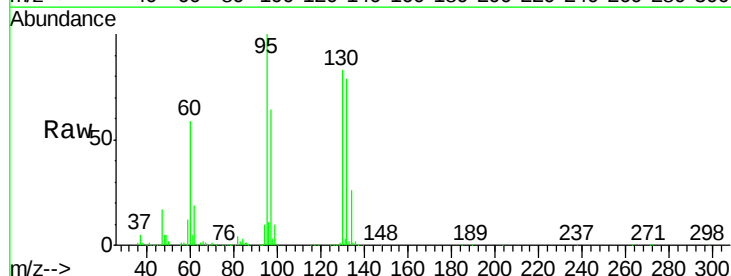
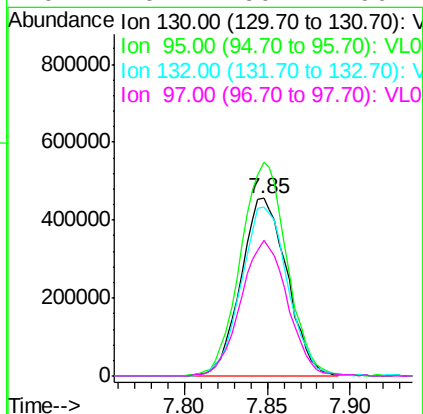


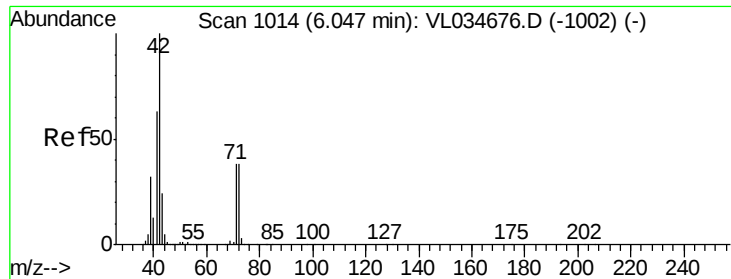
#38

Trichloroethene

Concen: 12.278 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VL034749.D
Acq: 28 Feb 2020 23:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	119.7	97.1	145.7
132	94.6	78.3	117.5
97	76.2	60.1	90.1





#41

Tetrahydrofuran

Concen: 1.826 ppbv

RT: 6.05 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

Instrument :

MSVOA_L

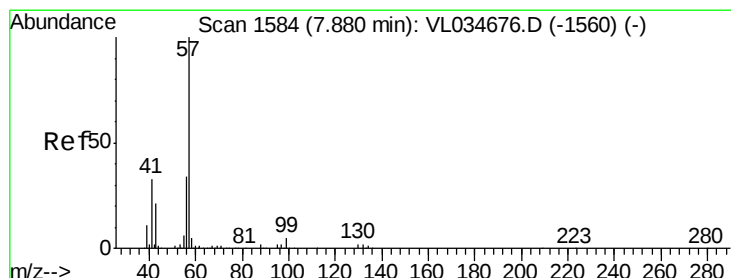
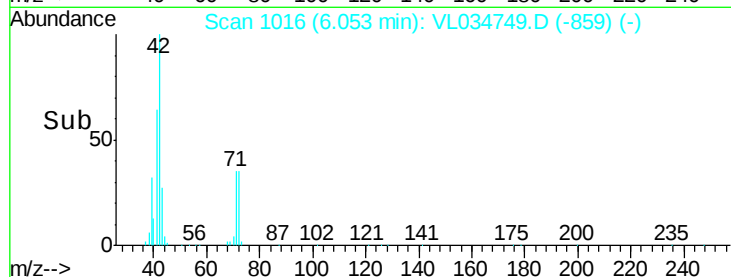
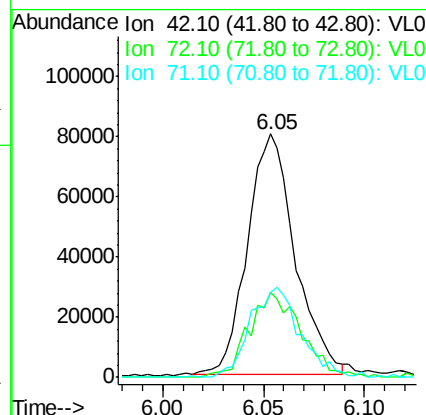
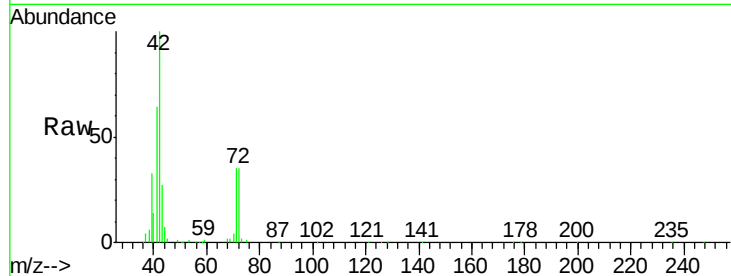
ClientSampleId :

SG-8-COUNCELOR-ROOM

Tot Ion	42	Resp	131535
Ion Ratio	Lower	Upper	
42	100		
72	39.6	31.7	47.5
71	39.5	30.7	46.1

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#44

2,2,4-Trimethylpentane

Concen: 0.348 ppbv

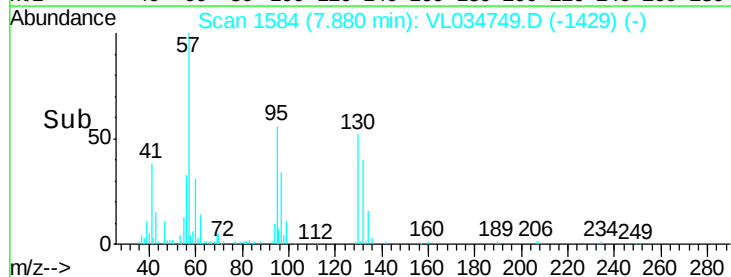
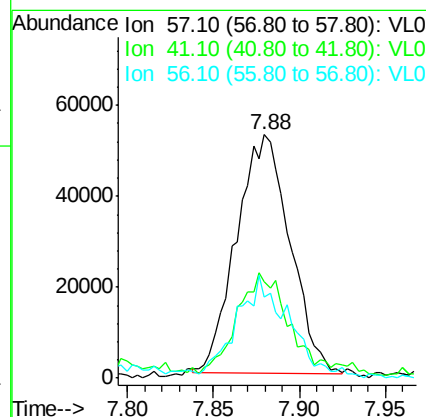
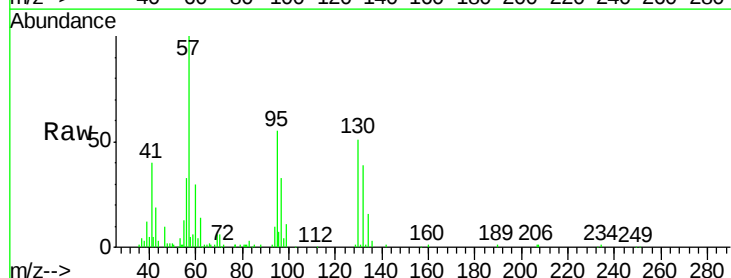
RT: 7.88 min Scan# 1584

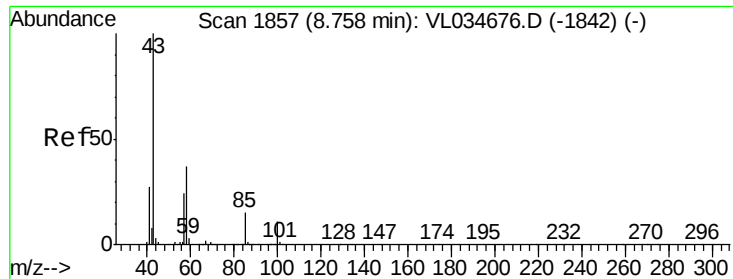
Delta R.T. -0.00 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

Tgt Ion	57	Resp	113868
Ion Ratio	Lower	Upper	
57	100		
41	47.9	26.0	39.0#
56	43.9	25.6	38.4#





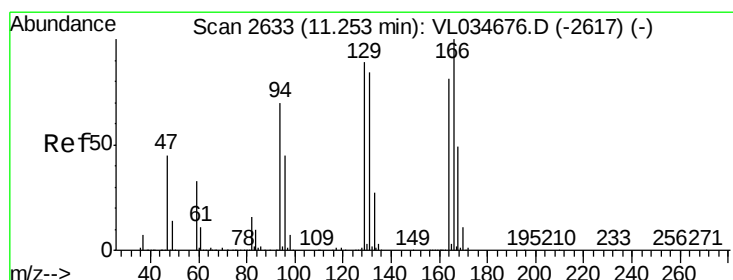
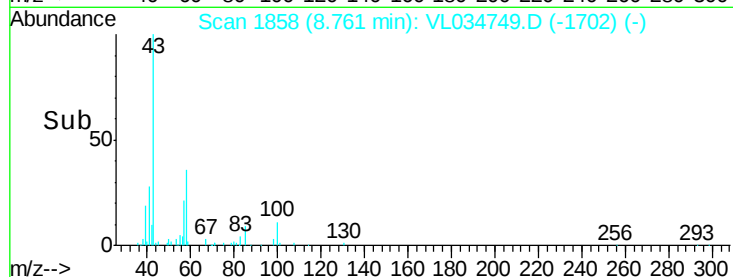
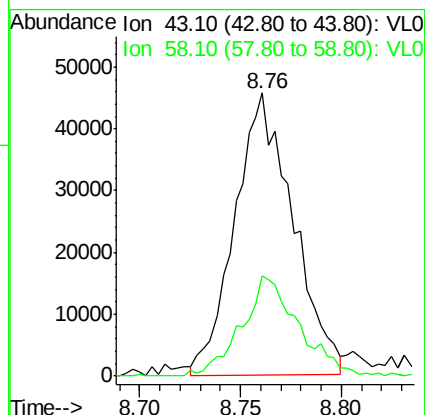
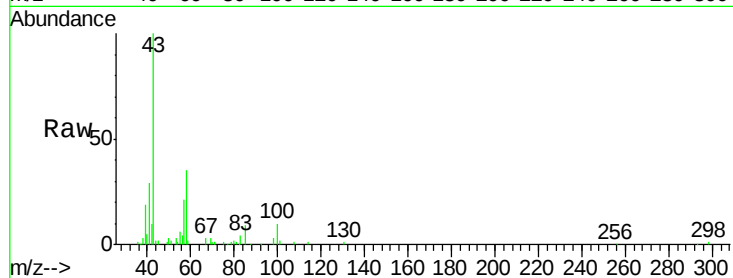
#50
4-Methyl-2-Pentanone
Concen: 0.475 ppbv
RT: 8.76 min Scan# 1857
Delta R.T. 0.00 min
Lab File: VL034749.D
Acq: 28 Feb 2020 23:09

Instrument :
MSVOA_L
ClientSampleId :
SG-8-COUNCELOR-ROOM

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.9	29.0	43.6

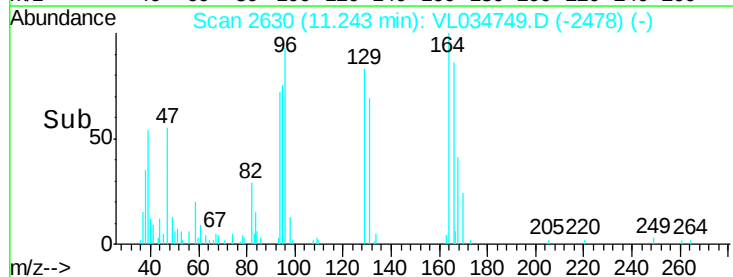
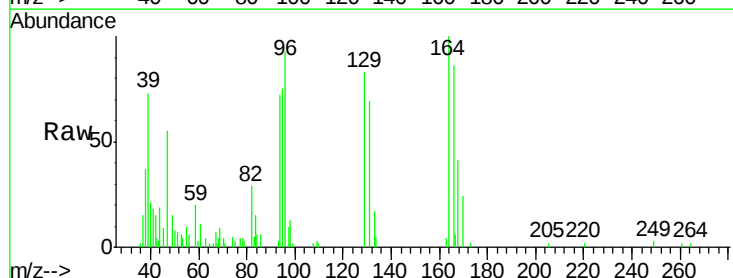
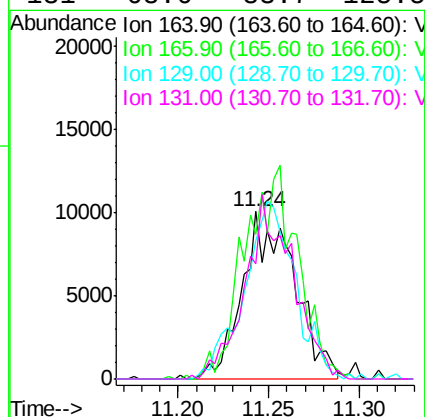
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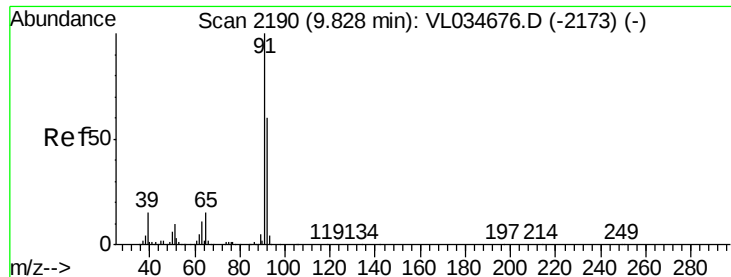
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#52
Tetrachloroethene
Concen: 0.291 ppbv m
RT: 11.24 min Scan# 2630
Delta R.T. -0.01 min
Lab File: VL034749.D
Acq: 28 Feb 2020 23:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	86.1	99.2	148.8#
129	82.8	88.0	132.0#
131	68.6	83.7	125.5#





#53

Toluene

Concen: 3.148 ppbv

RT: 9.83 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

Instrument :

MSVOA_L

ClientSampleId :

SG-8-COUNCELOR-ROOM

Tot Ion: 91 Resp: 627154

Ion Ratio Lower Upper

91 100

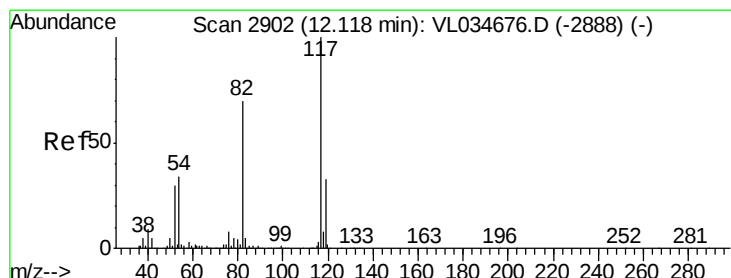
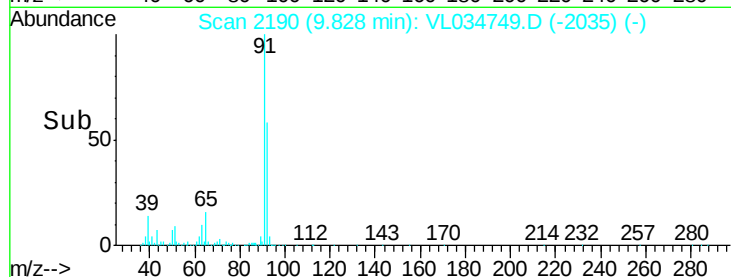
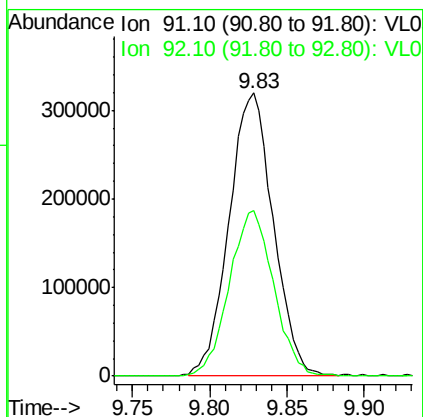
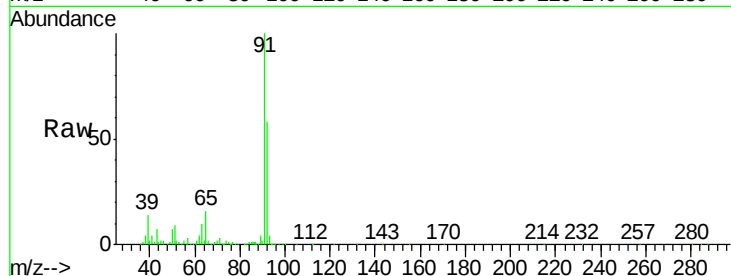
92 59.6 48.5 72.7

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2901

Delta R.T. -0.00 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

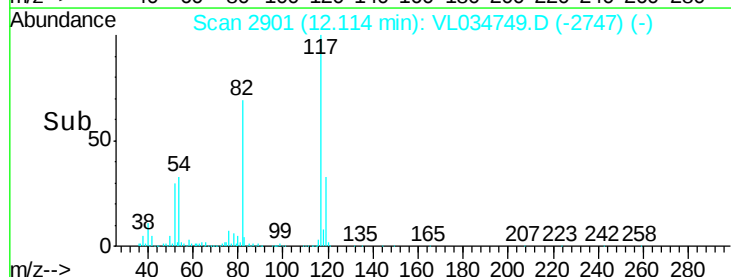
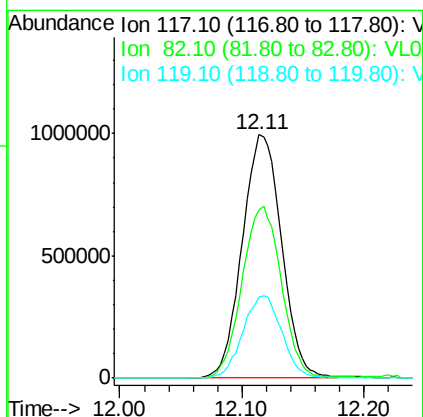
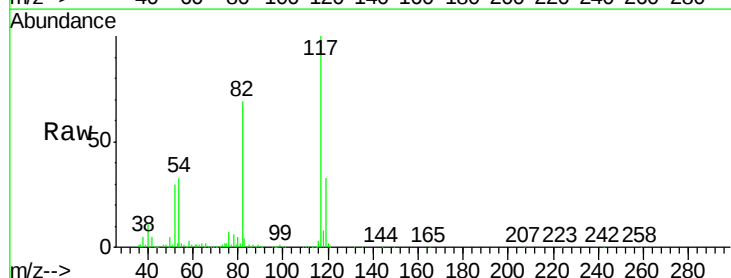
Tgt Ion: 117 Resp: 2216694

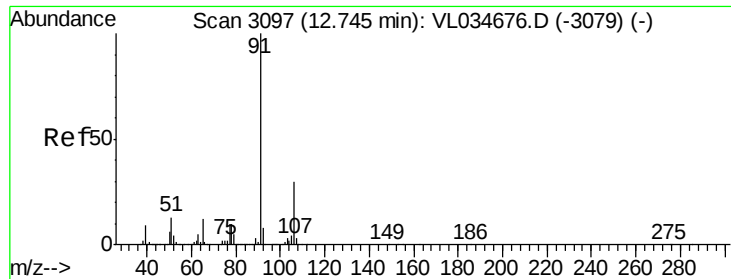
Ion Ratio Lower Upper

117 100

82 70.4 54.1 81.1

119 33.7 27.6 41.4





#58

Ethyl Benzene

Concen: 0.697 ppbv m

RT: 12.74 min Scan# 3096

Delta R.T. -0.00 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

Instrument :

MSVOA_L

ClientSampleId :

SG-8-COUNCELOR-ROOM

Tot Ion: 91 Resp: 187023

Ion Ratio Lower Upper

91 100

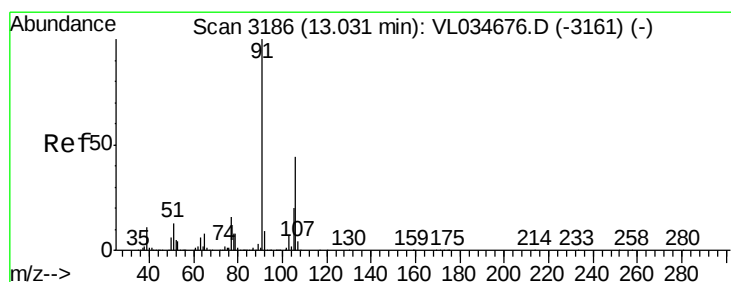
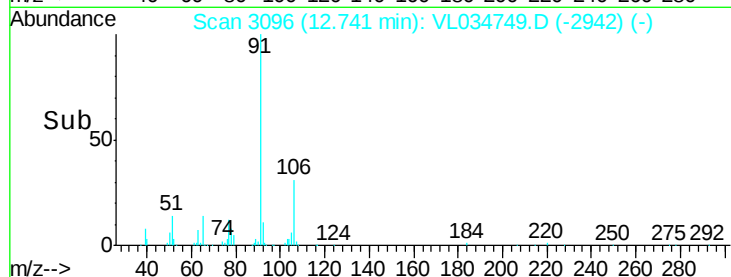
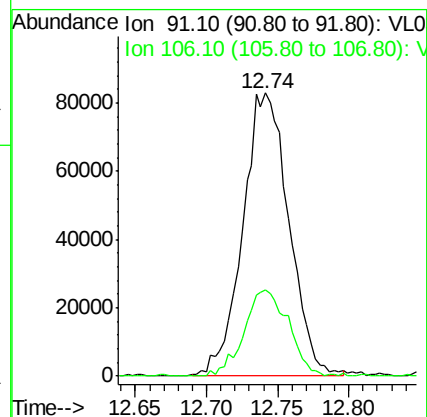
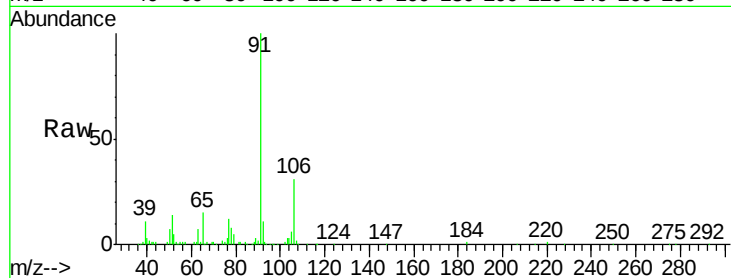
106 30.6 24.0 36.0

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#59

m/p-Xylene

Concen: 2.402 ppbv

RT: 13.00 min Scan# 3175

Delta R.T. -0.04 min

Lab File: VL034749.D

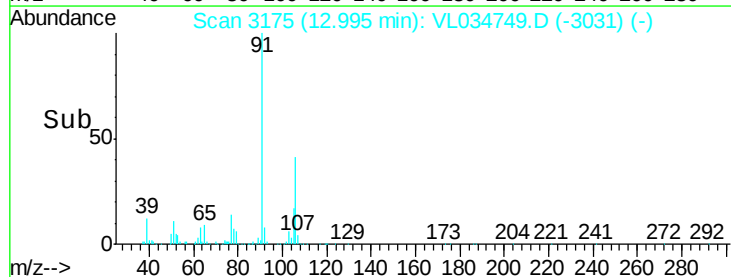
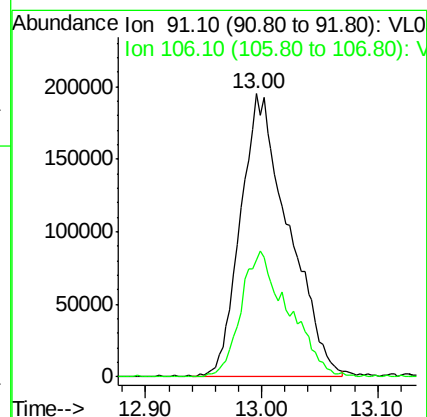
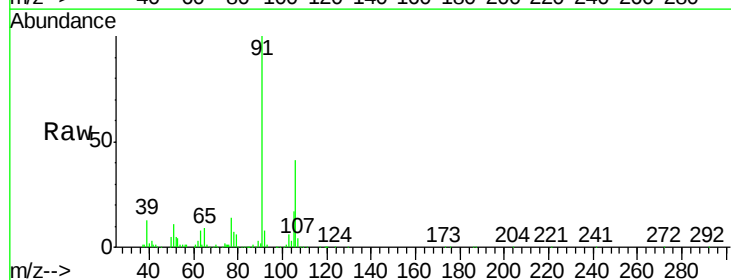
Acq: 28 Feb 2020 23:09

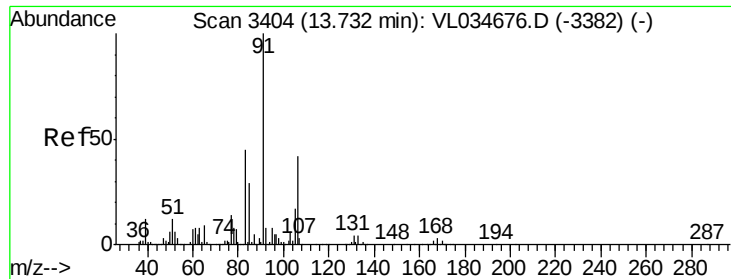
Tgt Ion: 91 Resp: 561768

Ion Ratio Lower Upper

91 100

106 44.0 35.6 53.4





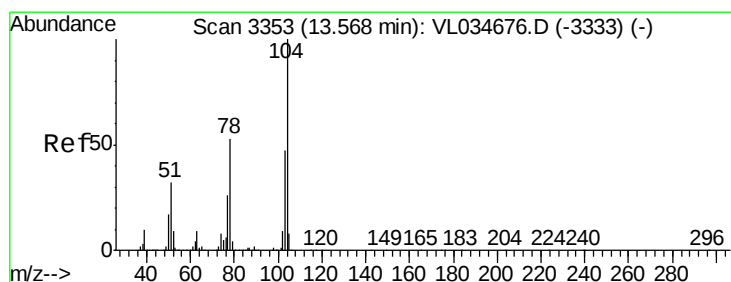
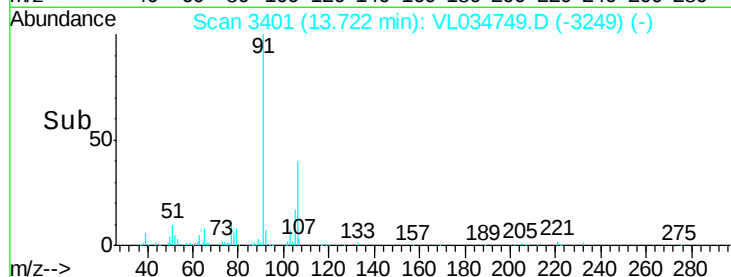
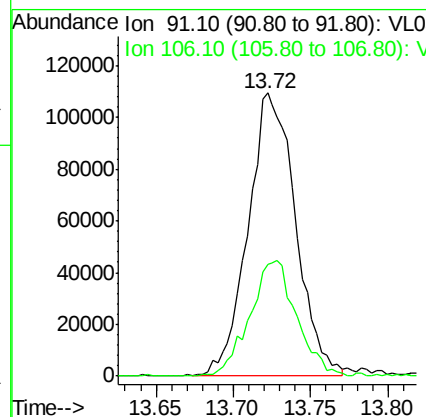
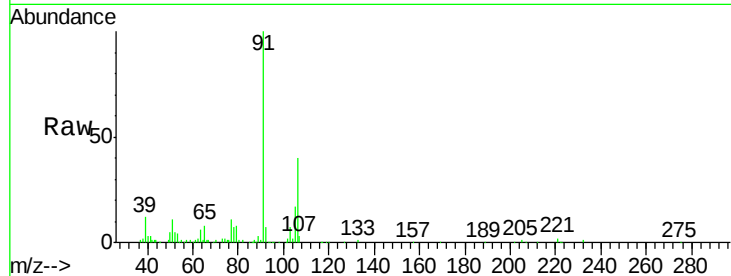
#60
o-Xylene
Concen: 1.001 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. -0.01 min
Lab File: VL034749.D
Acq: 28 Feb 2020 23:09

Instrument :
MSVOA_L
ClientSampleId :
SG-8-COUNCELOR-ROOM

Tot Ion	Ratio	Lower	Upper
91	100		
106	40.6	21.9	65.5

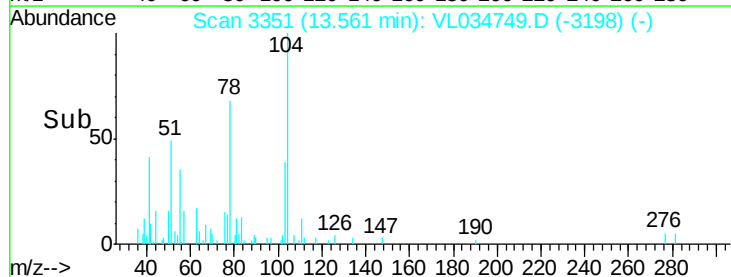
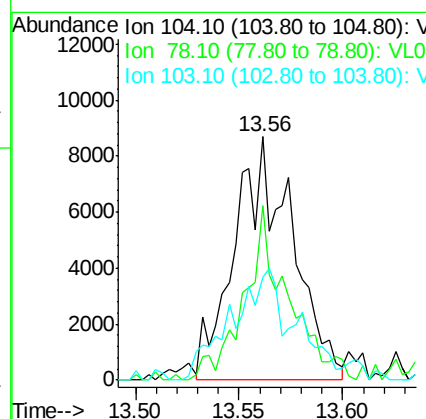
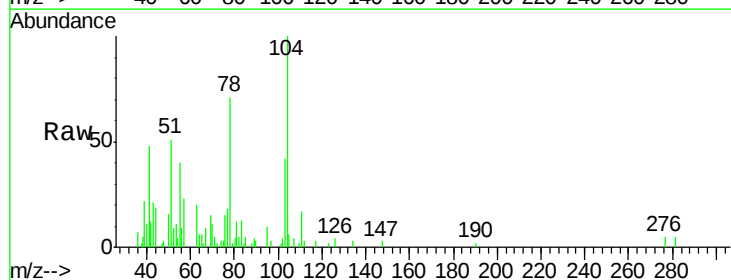
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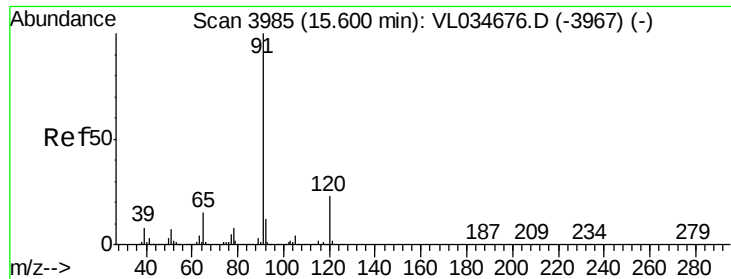
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#61
Styrene
Concen: 0.114 ppbv m
RT: 13.56 min Scan# 3351
Delta R.T. -0.01 min
Lab File: VL034749.D
Acq: 28 Feb 2020 23:09

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.8	44.2	66.4
103	53.5	37.4	56.0





#64

n-propylbenzene

Concen: 0.167 ppbv m

RT: 15.60 min Scan# 3984

Delta R.T. -0.00 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

Instrument :

MSVOA_L

ClientSampleId :

SG-8-COUNCELOR-ROOM

Tot Ion:120 Resp: 14564

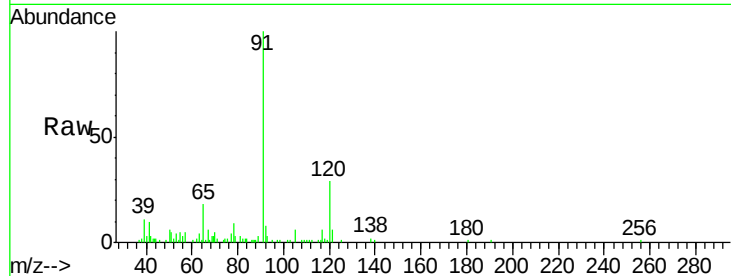
Ion Ratio Lower Upper

120 100

91 515.8 369.8 554.8

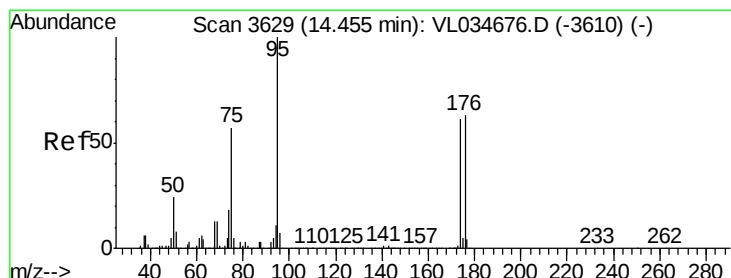
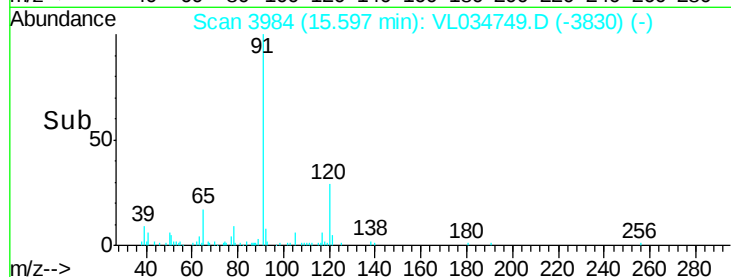
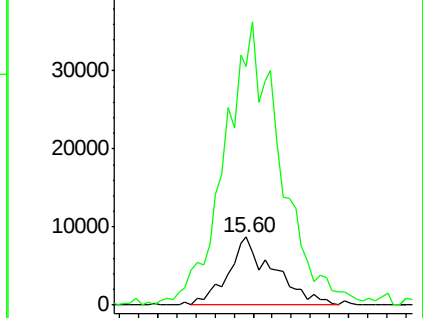
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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 10.211 ppbv

RT: 14.45 min Scan# 3628

Delta R.T. -0.00 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

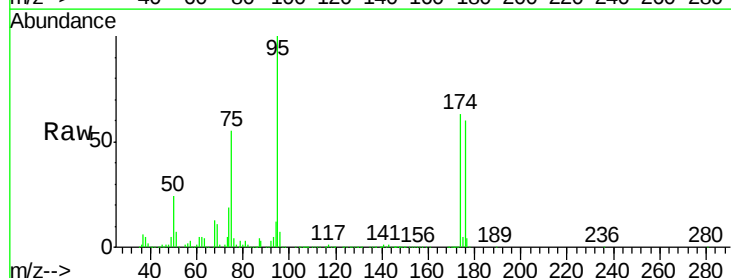
Tgt Ion: 95 Resp: 1856013

Ion Ratio Lower Upper

95 100

174 64.5 50.7 76.1

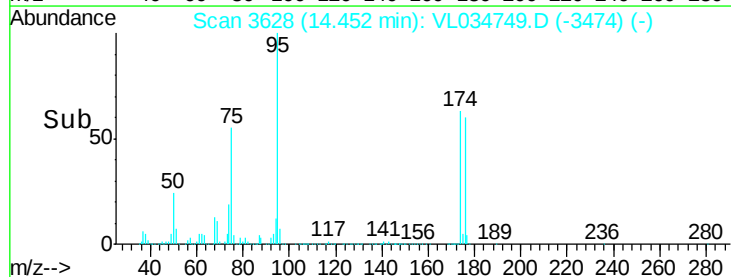
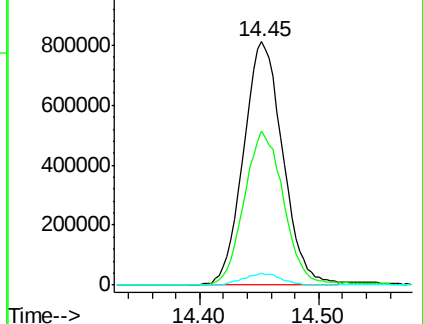
175 4.8 3.9 5.9

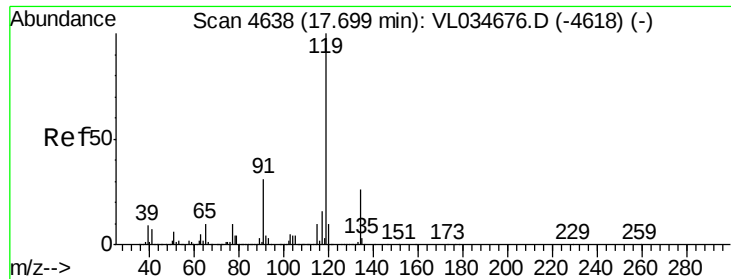


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





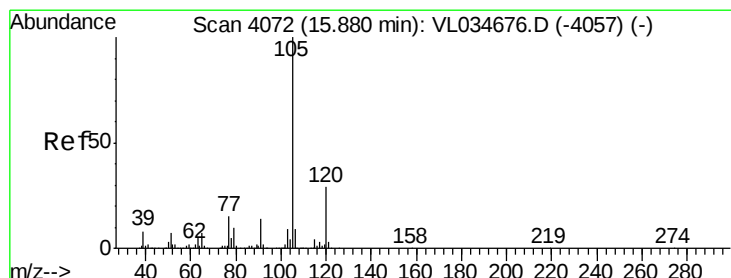
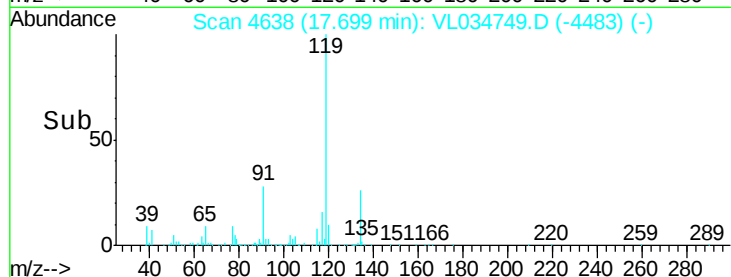
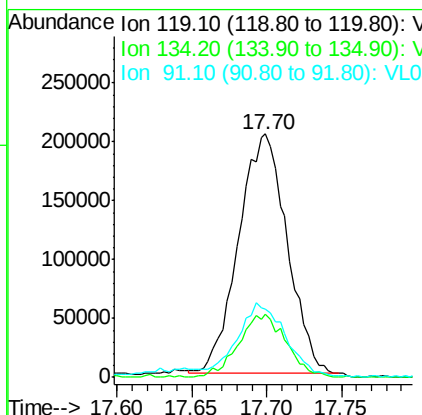
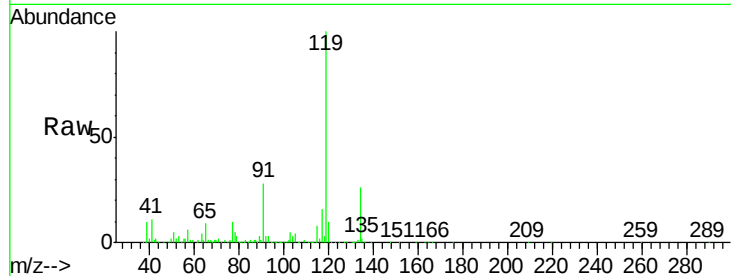
#69
 p-Isopropyltoluene
 Concen: 1.330 ppbv
 RT: 17.70 min Scan# 4638
 Delta R.T. -0.00 min
 Lab File: VL034749.D
 Acq: 28 Feb 2020 23:09

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-8-COUNCELOR-ROOM

Tot Ion:	119	Resp:	460661
Ion Ratio	Lower	Upper	
119	100		
134	25.9	20.6	31.0
91	34.7	25.3	37.9

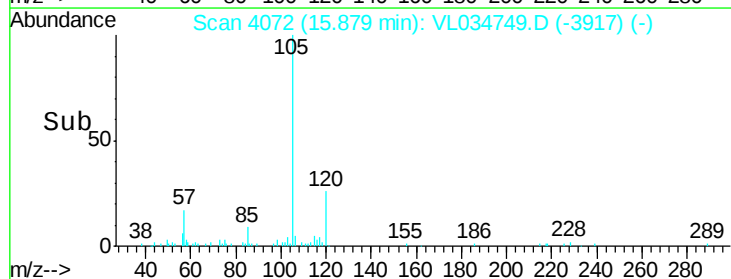
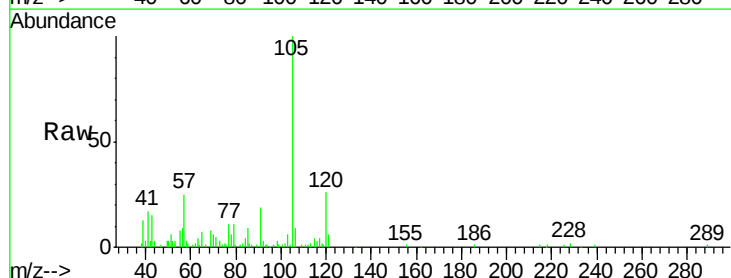
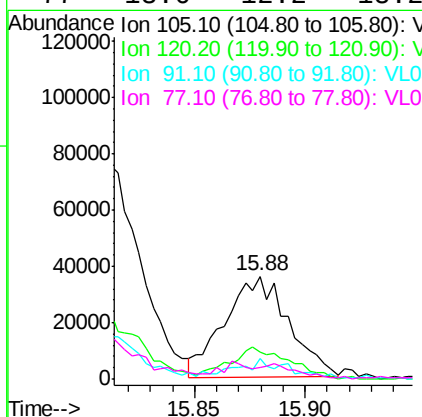
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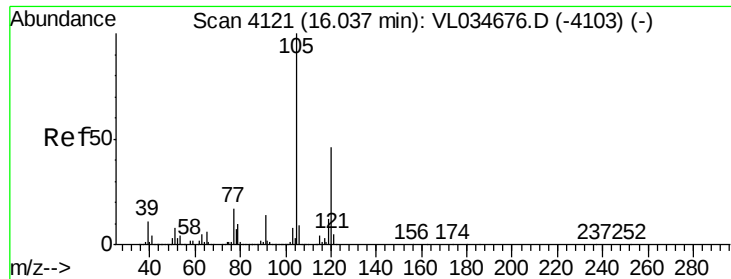
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#72
 4-Ethyltoluene
 Concen: 0.279 ppbv
 RT: 15.88 min Scan# 4072
 Delta R.T. -0.00 min
 Lab File: VL034749.D
 Acq: 28 Feb 2020 23:09

Tgt Ion:	105	Resp:	72113
Ion Ratio	Lower	Upper	
105	100		
120	30.4	23.7	35.5
91	17.8	10.9	16.3#
77	13.6	12.2	18.2





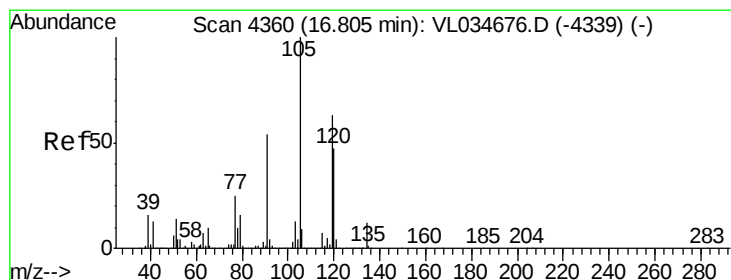
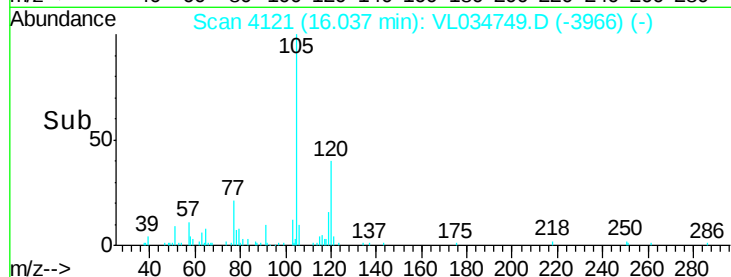
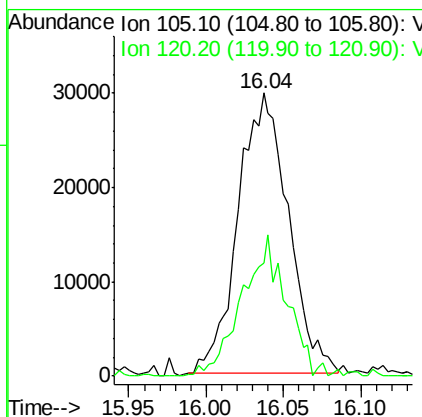
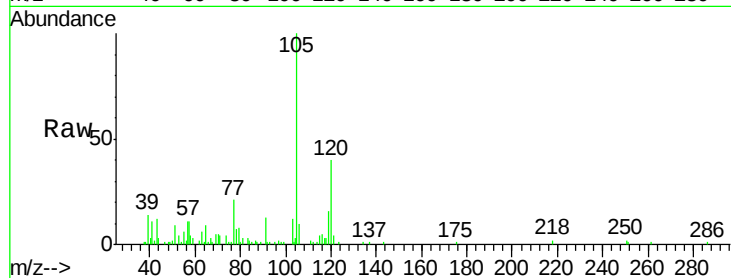
#73
 1,3,5-Trimethylbenzene
 Concen: 0.269 ppbv
 RT: 16.04 min Scan# 4121
 Delta R.T. -0.00 min
 Lab File: VL034749.D
 Acq: 28 Feb 2020 23:09

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-8-COUNCELOR-ROOM

Tot Ion	Ratio	Lower	Upper
105	100		
120	40.0	37.1	55.7

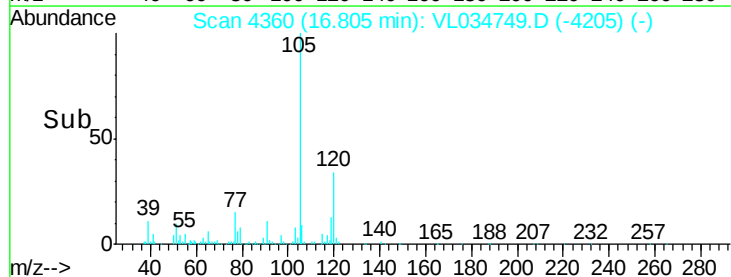
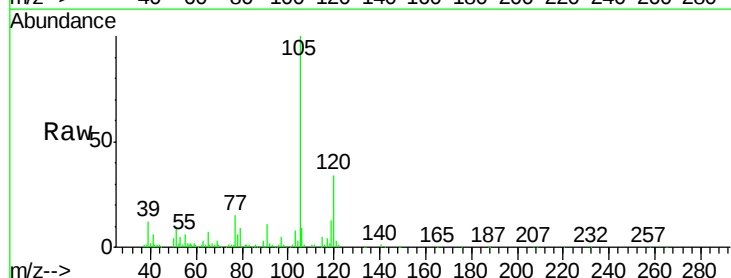
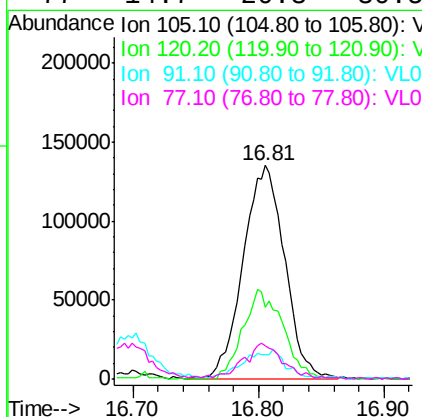
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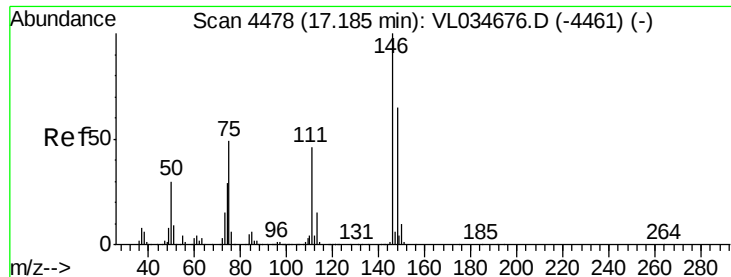
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#74
 1,2,4-Trimethylbenzene
 Concen: 1.135 ppbv
 RT: 16.81 min Scan# 4360
 Delta R.T. -0.00 min
 Lab File: VL034749.D
 Acq: 28 Feb 2020 23:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	33.7	37.9	56.9#
91	10.7	43.9	65.9#
77	14.7	20.3	30.5#





#76

1,4-Dichlorobenzene

Concen: 0.134 ppbv m

RT: 17.18 min Scan# 4476

Delta R.T. -0.01 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

Instrument :

MSVOA_L

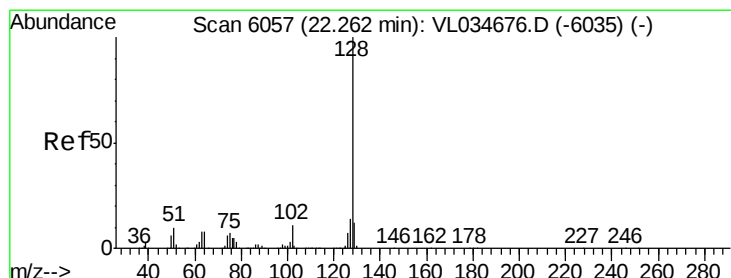
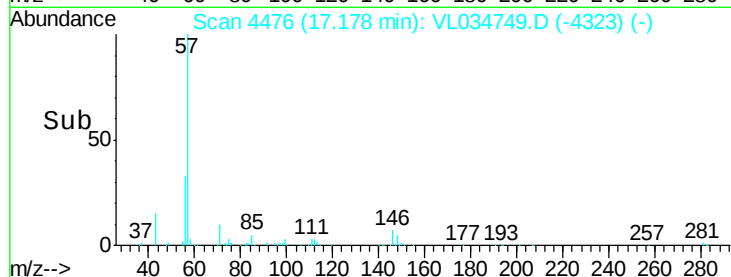
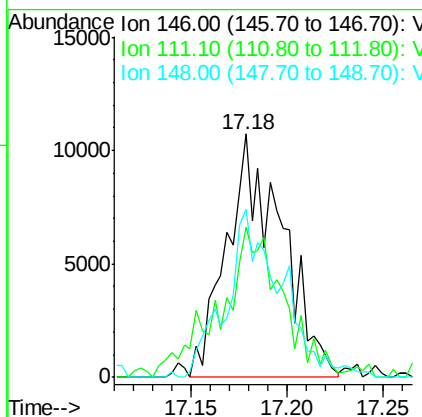
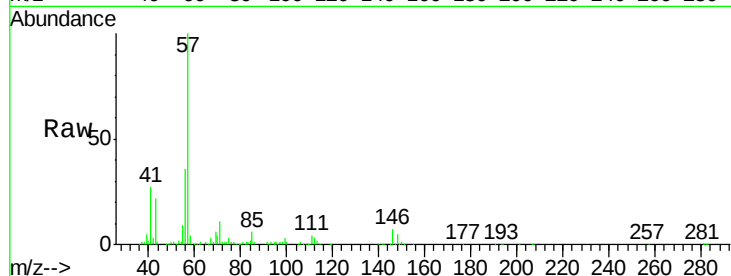
ClientSampleId :

SG-8-COUNCELOR-ROOM

Tot Ion:	146	Resp:	21272
Ion Ratio	Lower	Upper	
146	100		
111	74.0	23.4	70.0#
148	69.3	31.9	95.5

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#79

Naphthalene

Concen: 0.240 ppbv m

RT: 22.27 min Scan# 6060

Delta R.T. 0.01 min

Lab File: VL034749.D

Acq: 28 Feb 2020 23:09

Tgt Ion:	128	Resp:	58052
Ion Ratio	Lower	Upper	
128	100		
127	13.8	11.0	16.6
129	11.3	9.4	14.2

