

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022720\
 Data File : VL034726.D
 Acq On : 28 Feb 2020 2:36
 Operator : SY/AP
 Sample : L1661-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4-STORAGE-ROOM-NEXT-TO-C

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 12:33:41 PM

Quant Time: Feb 28 12:32:49 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	1120578	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2318763	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2321183	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1932291	10.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	103815	0.587	ppbv	89
9) Propene	2.98	41	49667m	0.983	ppbv	
10) Heptane	8.14	43	37702	0.290	ppbv	95
11) Trichlorofluoromethane	3.93	101	39426	0.255	ppbv	85
13) Ethanol	3.59	45	1839193	115.171	ppbv	97
15) Acetone	3.83	43	1659093	12.993	ppbv	99
17) tert-Butyl alcohol	4.29	59	318548	3.256	ppbv	99
19) Isopropyl Alcohol	3.96	45	2767725	36.390	ppbv #	98
20) Methylene Chloride	4.33	84	162415	3.420	ppbv	95
22) trans-1,2-Dichloroethene	4.87	96	7378m	0.154	ppbv	
26) Hexane	5.69	57	122251	1.173	ppbv #	57
29) Chloroform	5.75	83	68542	0.413	ppbv	92
30) Cyclohexane	7.14	84	16589m	0.205	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	115064	1.122	ppbv	88
32) 1,1,1-Trichloroethane	6.52	97	9627m	0.062	ppbv	
34) 2-Butanone	5.24	43	270337	1.852	ppbv	99
35) Carbon Tetrachloride	7.02	117	12216m	0.079	ppbv	
36) Benzene	6.90	78	57624	0.288	ppbv #	85
38) Trichloroethene	7.85	130	571573	7.404	ppbv	98
41) Tetrahydrofuran	6.06	42	141835	1.841	ppbv	99
44) 2,2,4-Trimethylpentane	7.88	57	137328	0.392	ppbv #	79
50) 4-Methyl-2-Pentanone	8.77	43	83402m	0.403	ppbv	
52) Tetrachloroethene	11.25	164	14617m	0.199	ppbv	
53) Toluene	9.83	91	748491	3.514	ppbv	99
58) Ethyl Benzene	12.74	91	165277	0.589	ppbv	90
59) m/p-Xylene	13.00	91	506750	2.069	ppbv	99
60) o-Xylene	13.73	91	212538	0.874	ppbv	95
64) n-propylbenzene	15.60	120	12975m	0.142	ppbv	
69) p-Isopropyltoluene	17.70	119	386745	1.066	ppbv	97
72) 4-Ethyltoluene	15.88	105	68954m	0.255	ppbv	
73) 1,3,5-Trimethylbenzene	16.04	105	65855	0.253	ppbv #	73
74) 1,2,4-Trimethylbenzene	16.81	105	279597	0.973	ppbv #	67

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

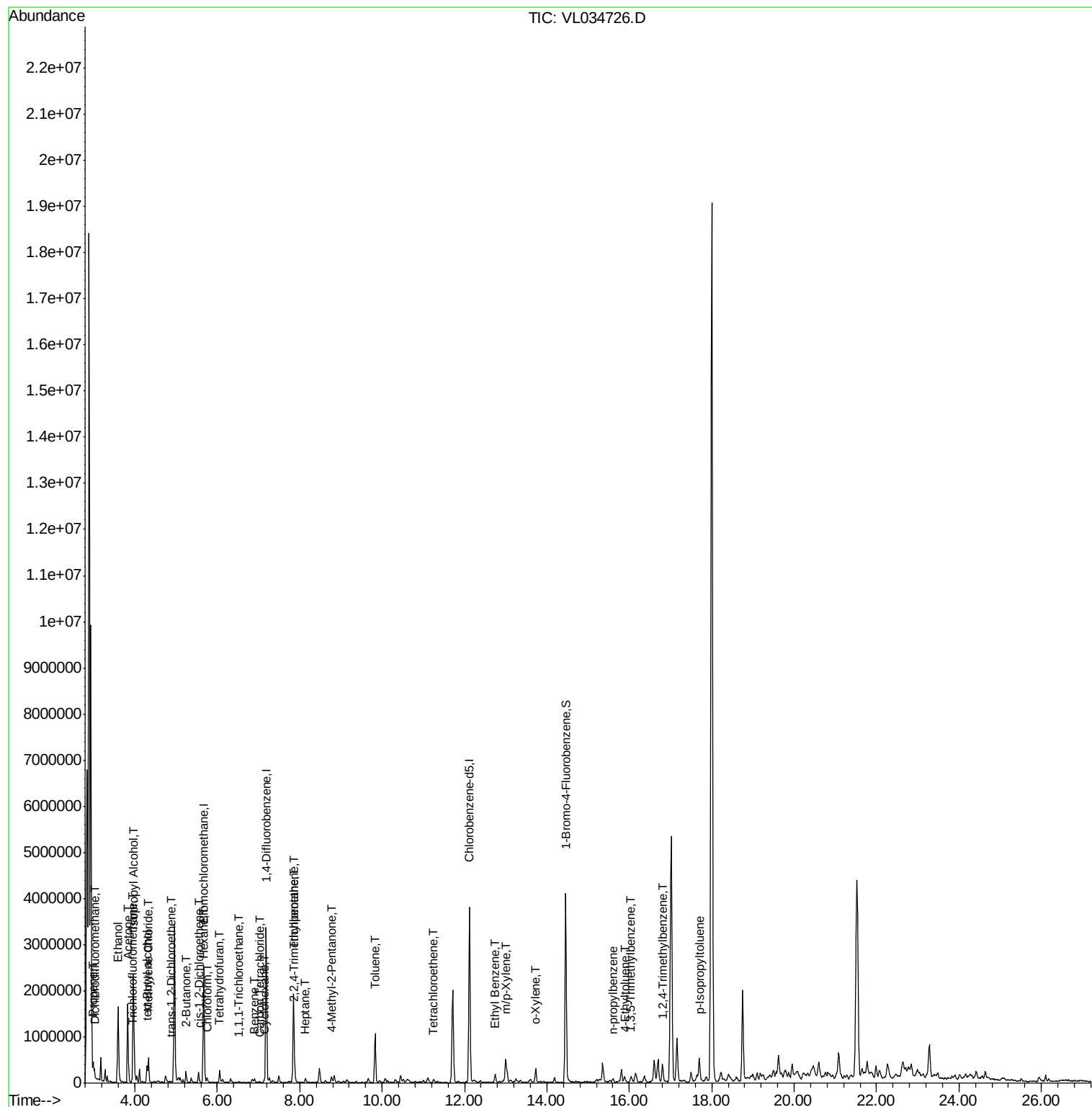
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022720\
Data File : VL034726.D
Acq On : 28 Feb 2020 2:36
Operator : SY/AP
Sample : L1661-04
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

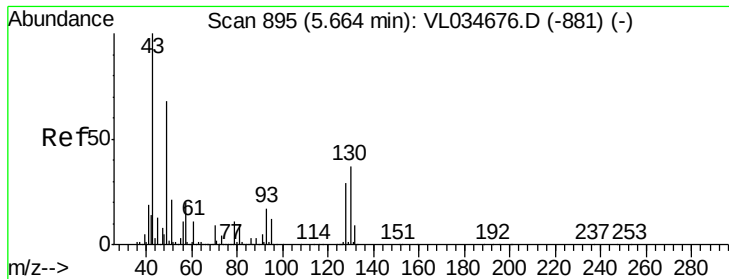
Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Manual Integrations
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Quant Method : Z:\VOASRV\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: VL034726.D

Acq: 28 Feb 2020 2:36

Instrument :

MSVOA_L

ClientSampleId :

SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion: 49 Resp: 1120578

Ion Ratio Lower Upper

49 100

128 43.7 21.6 65.0

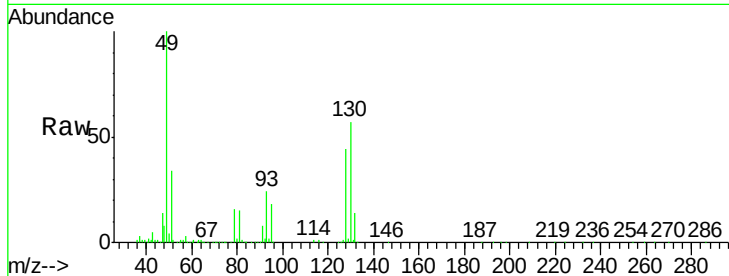
130 55.5 27.7 83.1

Manual Integrations

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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

800000

600000

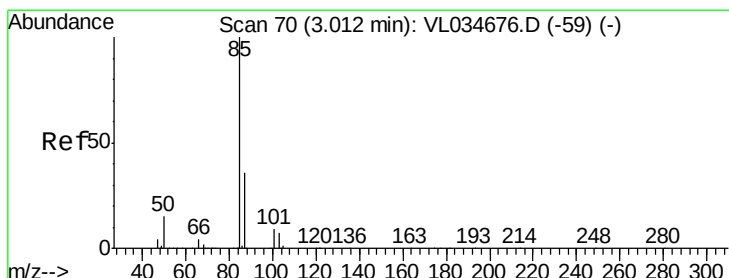
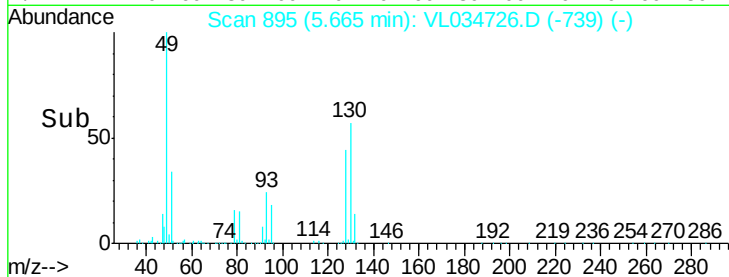
400000

200000

0

5.60 5.65 5.70 5.75

Time-->



#2

Dichlorodifluoromethane

Concen: 0.587 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.00 min

Lab File: VL034726.D

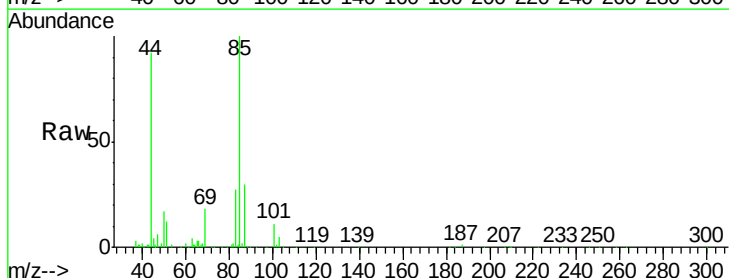
Acq: 28 Feb 2020 2:36

Tgt Ion: 85 Resp: 103815

Ion Ratio Lower Upper

85 100

87 29.9 29.2 43.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

100000

80000

60000

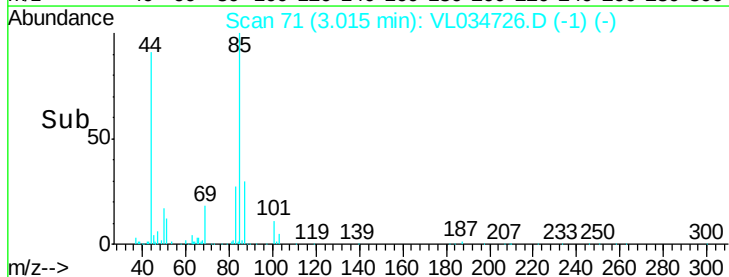
40000

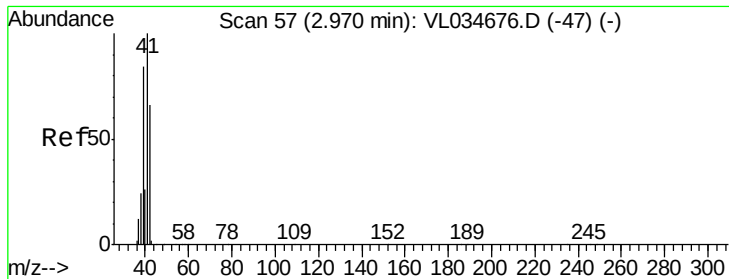
20000

0

3.00 3.05

Time-->





#9

Propene

Concen: 0.983 ppbv m

RT: 2.98 min Scan# 61

Delta R.T. 0.01 min

Lab File: VL034726.D

Acq: 28 Feb 2020 2:36

Instrument :

MSVOA_L

ClientSampleId :

SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion: 41 Resp: 49667

Ion Ratio Lower Upper

41 100

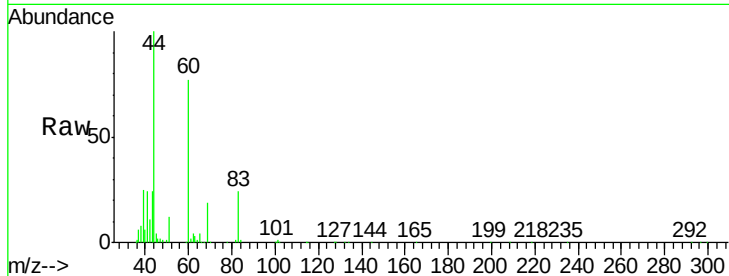
42 54.9 54.9 82.3

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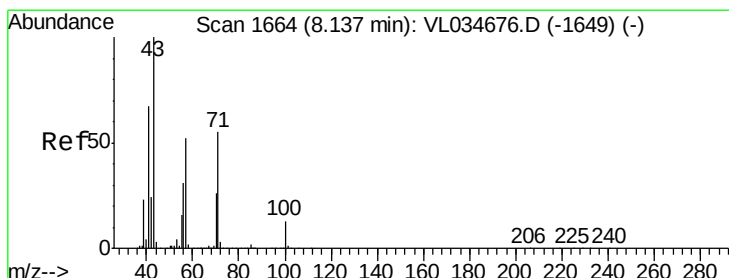
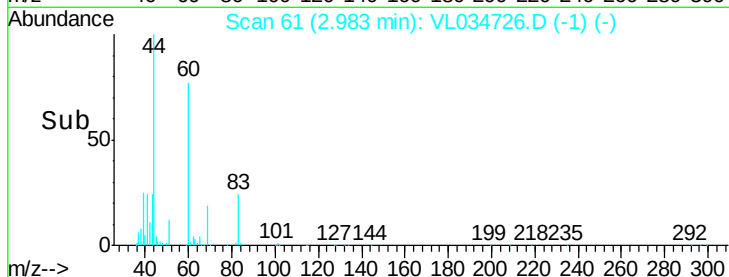
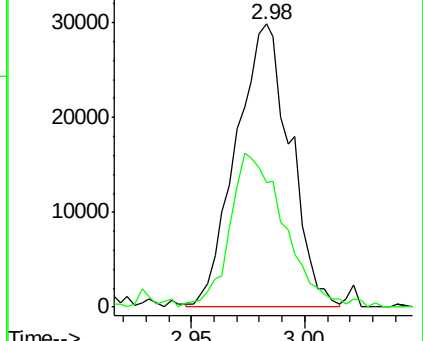
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Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.290 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VL034726.D

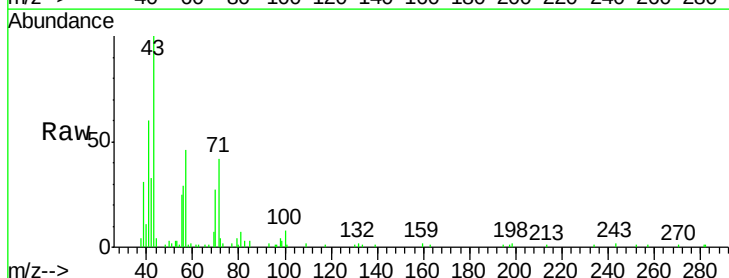
Acq: 28 Feb 2020 2:36

Tgt Ion: 43 Resp: 37702

Ion Ratio Lower Upper

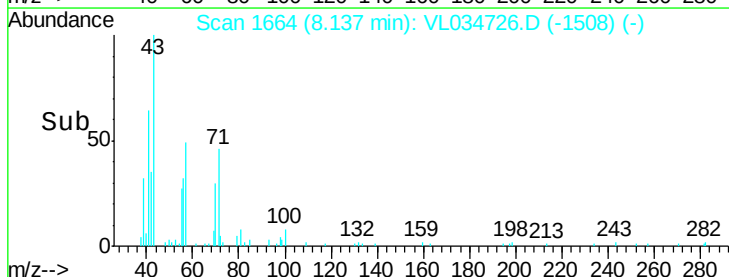
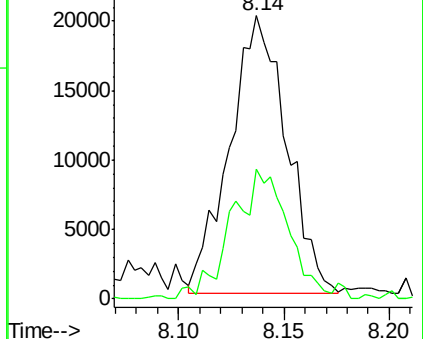
43 100

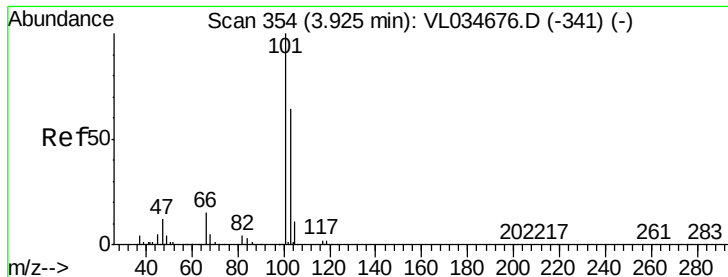
57 47.7 41.0 61.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





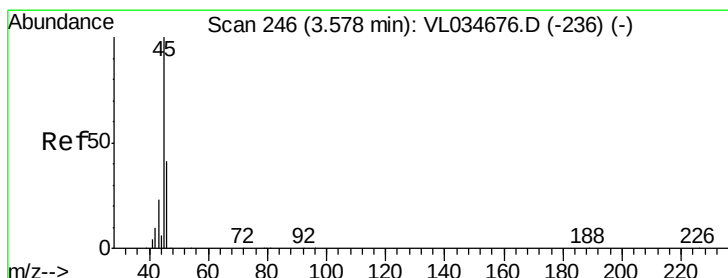
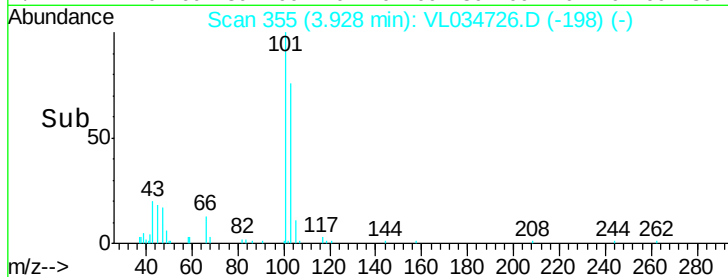
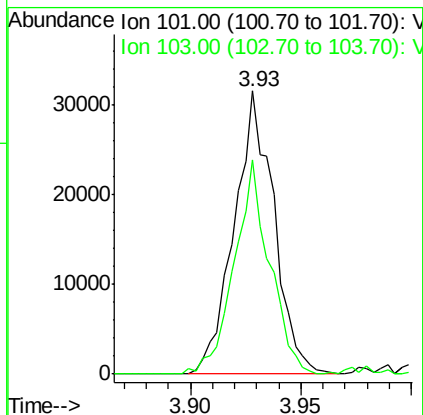
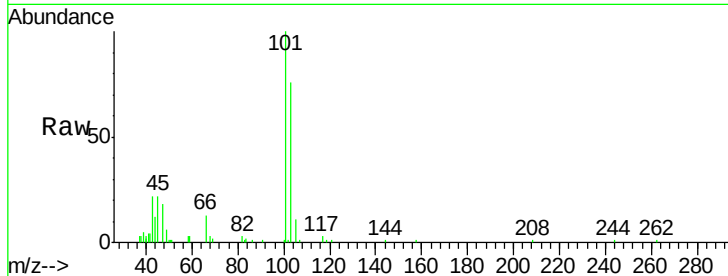
#11
Trichlorofluoromethane
Concen: 0.255 ppbv
RT: 3.93 min Scan# 355
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion	Ratio	Lower	Upper
101	100		
103	75.8	51.2	76.8

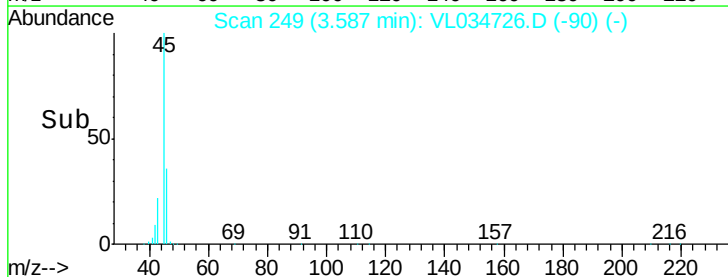
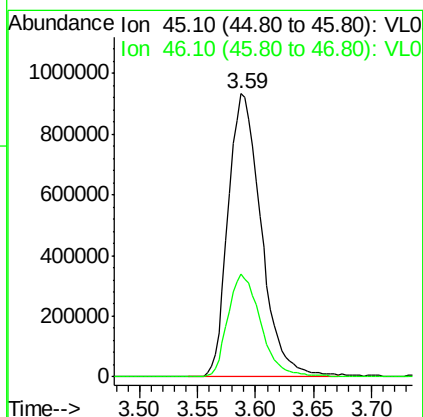
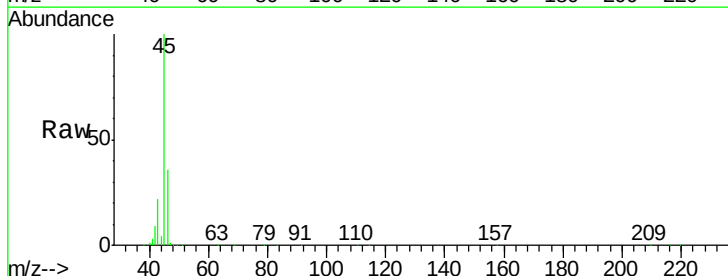
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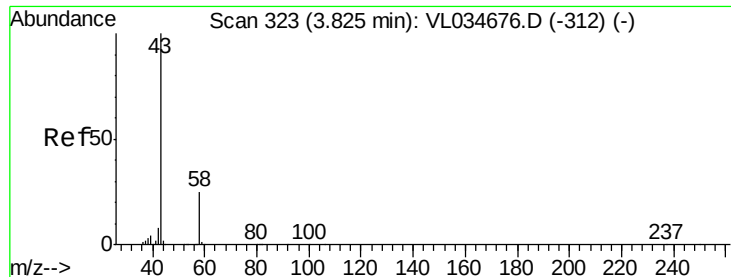
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#13
Ethanol
Concen: 115.171 ppbv
RT: 3.59 min Scan# 249
Delta R.T. 0.01 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion	Ratio	Lower	Upper
45	100		
46	36.7	15.4	61.4





#15

Acetone

Concen: 12.993 ppbv

RT: 3.83 min Scan# 323

Delta R.T. 0.00 min

Lab File: VL034726.D

Acq: 28 Feb 2020 2:36

Instrument :

MSVOA_L

ClientSampleId :

SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion: 43 Resp: 1659093

Ion Ratio Lower Upper

43 100

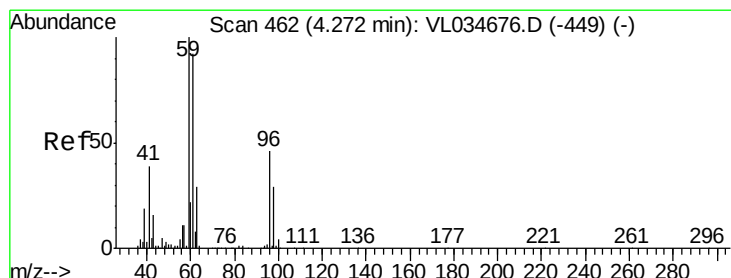
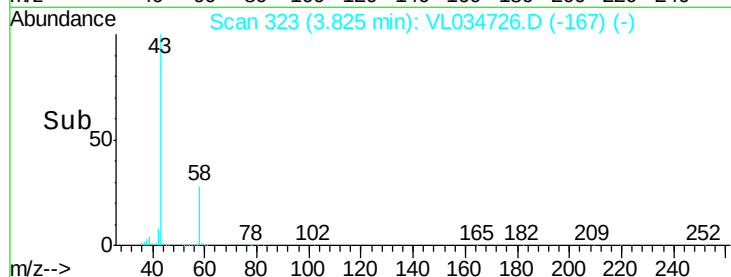
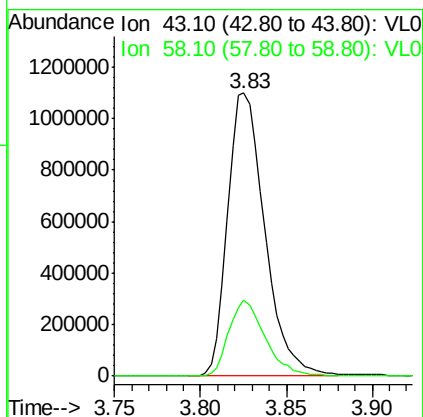
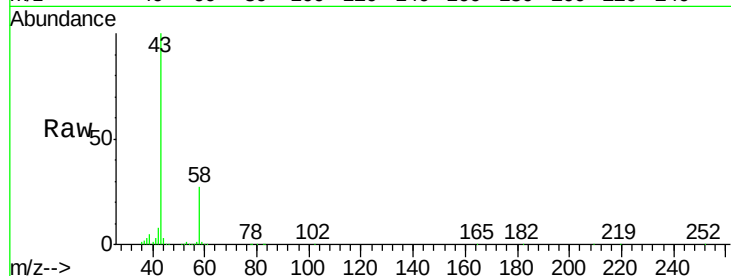
58 26.3 21.4 32.0

Manual Integrations

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#17

tert-Butyl alcohol

Concen: 3.256 ppbv

RT: 4.29 min Scan# 468

Delta R.T. 0.02 min

Lab File: VL034726.D

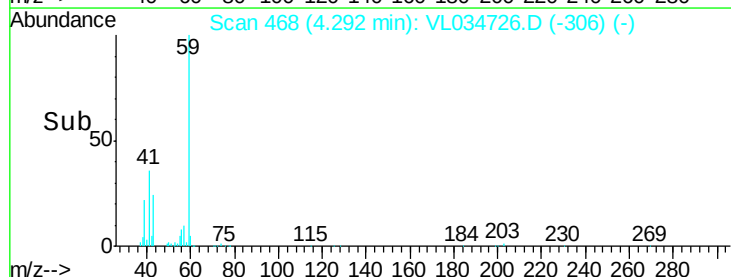
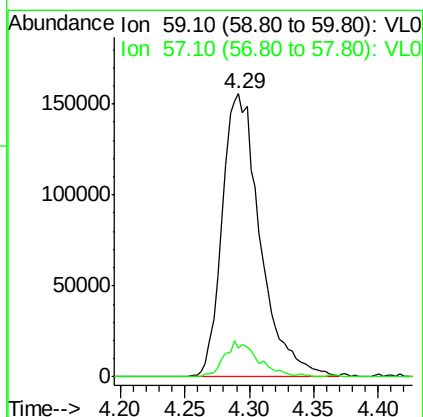
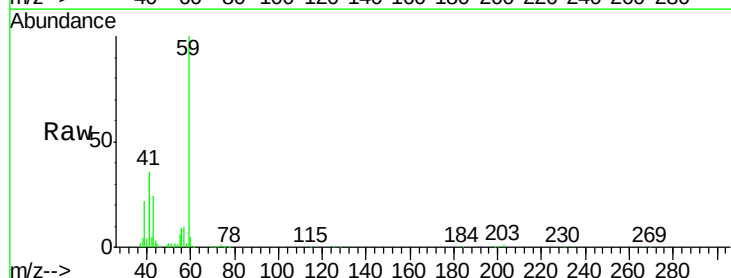
Acq: 28 Feb 2020 2:36

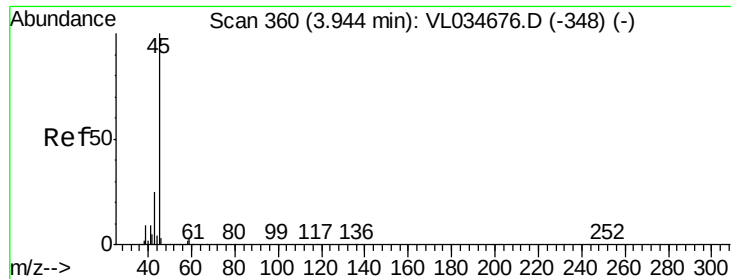
Tgt Ion: 59 Resp: 318548

Ion Ratio Lower Upper

59 100

57 11.4 8.8 13.2





#19

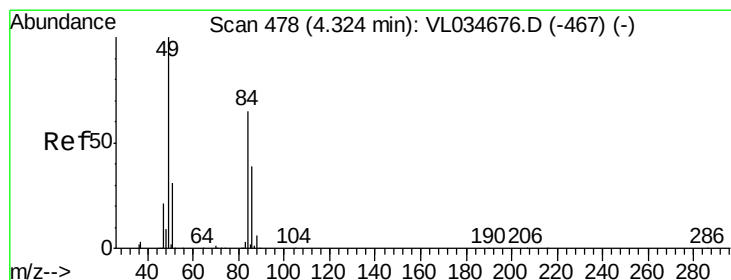
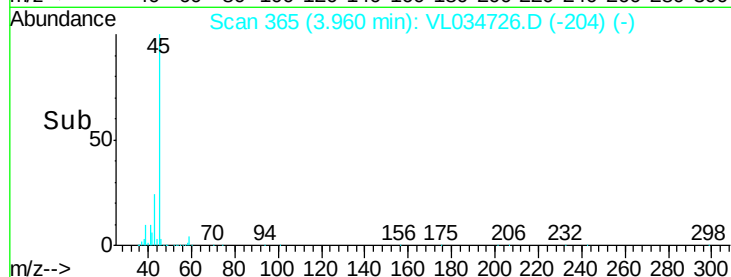
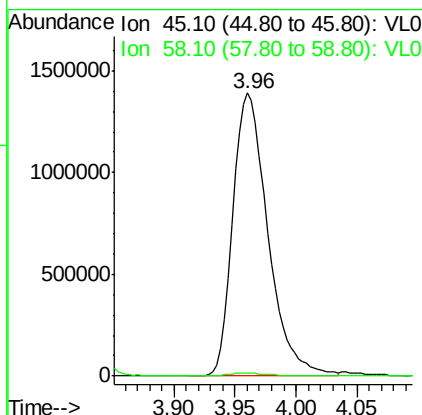
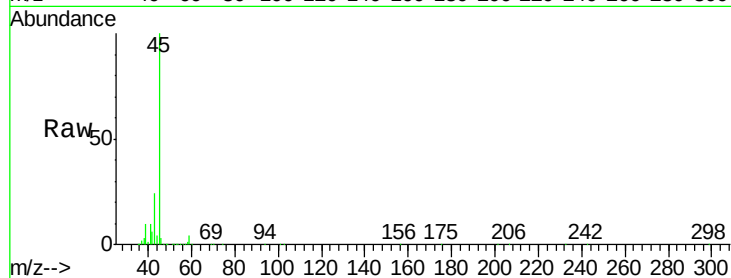
Isopropyl Alcohol
 Concen: 36.390 ppbv
 RT: 3.96 min Scan# 365
 Delta R.T. 0.02 min
 Lab File: VL034726.D
 Acq: 28 Feb 2020 2:36

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion: 45 Resp: 2767725
 Ion Ratio Lower Upper
 45 100
 58 1.4 1.8 2.6#

Manual Integrations
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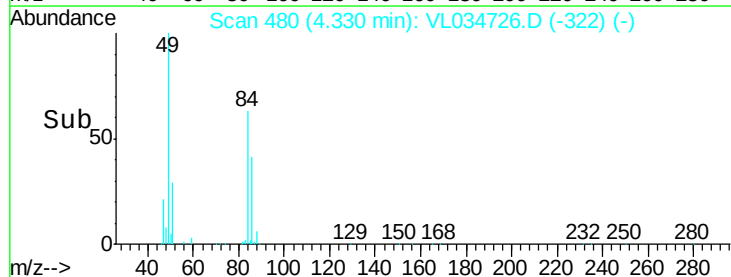
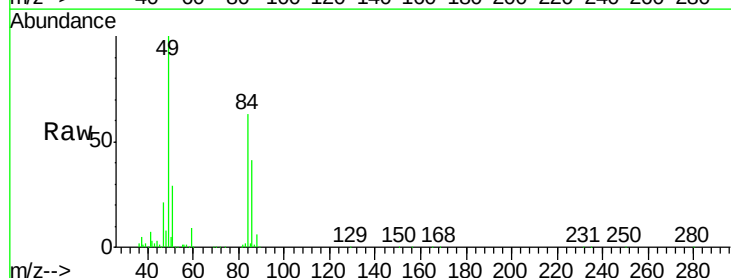
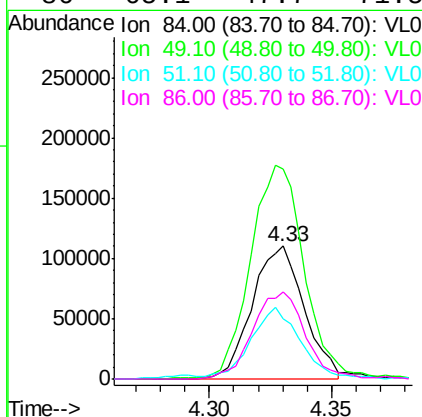
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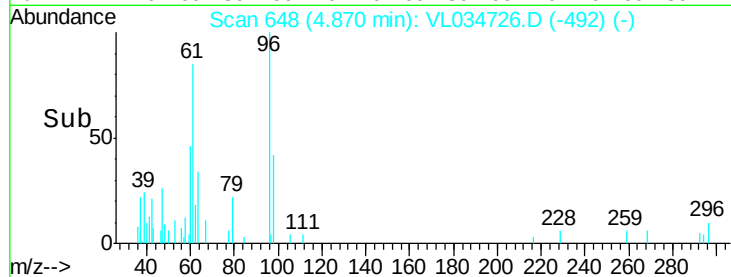
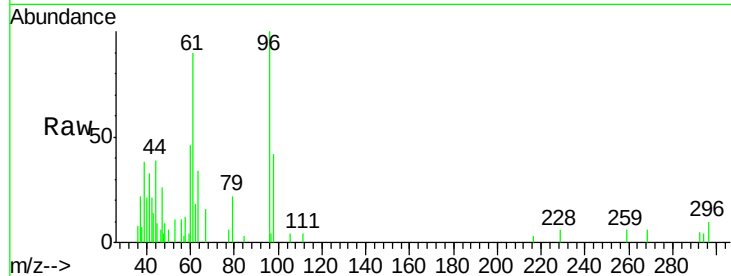
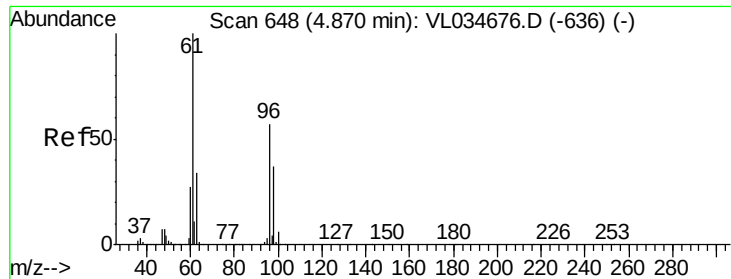


#20

Methylene Chloride
 Concen: 3.420 ppbv
 RT: 4.33 min Scan# 480
 Delta R.T. 0.01 min
 Lab File: VL034726.D
 Acq: 28 Feb 2020 2:36

Tgt Ion: 84 Resp: 162415
 Ion Ratio Lower Upper
 84 100
 49 156.8 122.8 184.2
 51 43.1 38.6 58.0
 86 65.1 47.7 71.5





#22

trans-1,2-Dichloroethene

Concen: 0.154 ppbv m

RT: 4.87 min Scan# 648

Delta R.T. 0.00 min

Lab File: VL034726.D

Acq: 28 Feb 2020 2:36

Tot Ion:	96	Resp:	7378
Ion Ratio	Lower	Upper	
96	100		
61	89.6	139.4	209.0#
98	42.2	51.3	76.9#

Instrument :

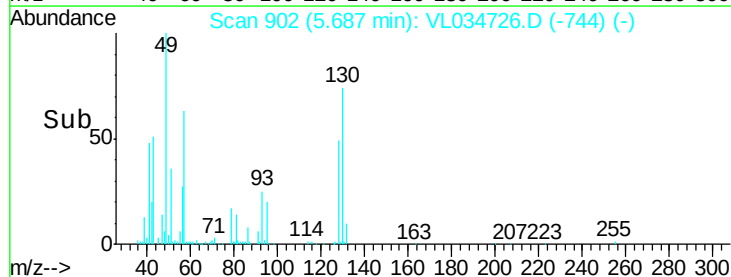
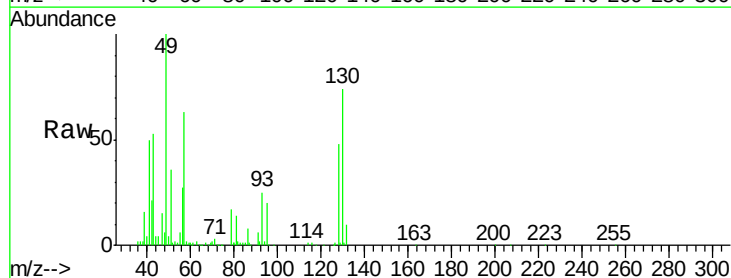
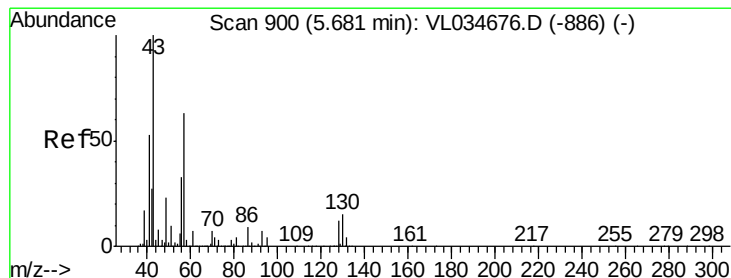
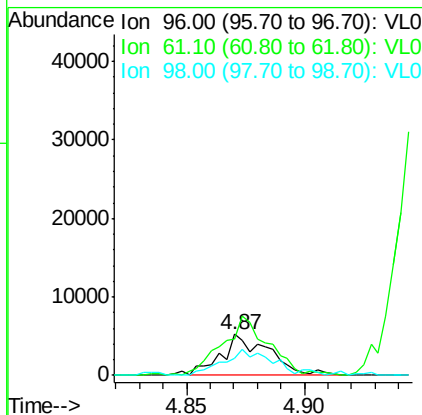
MSVOA_L

ClientSampleId :

SG-4-STORAGE-ROOM-NEXT-TO-C

Manual Integrations
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#26

Hexane

Concen: 1.173 ppbv

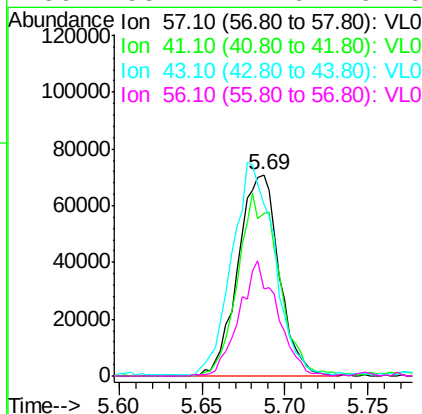
RT: 5.69 min Scan# 902

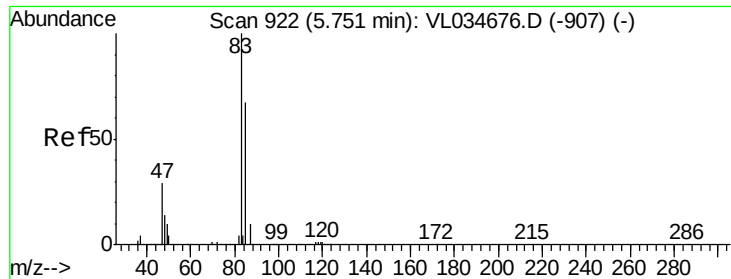
Delta R.T. 0.01 min

Lab File: VL034726.D

Acq: 28 Feb 2020 2:36

Tgt Ion:	57	Resp:	122251
Ion Ratio	Lower	Upper	
57	100		
41	90.5	70.3	105.5
43	108.7	177.0	265.4#
56	53.2	42.6	64.0





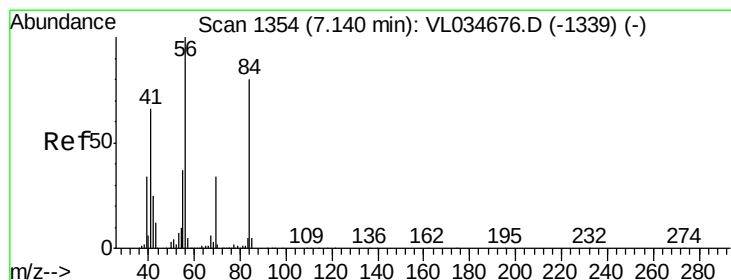
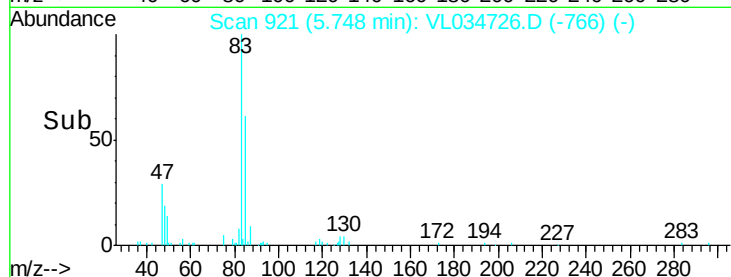
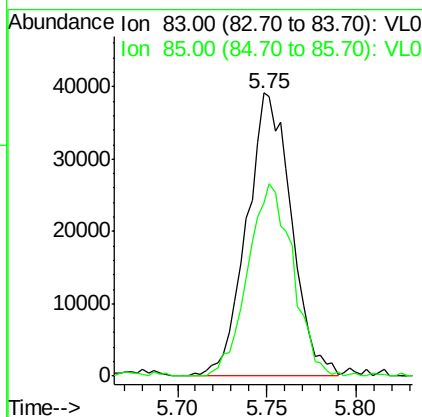
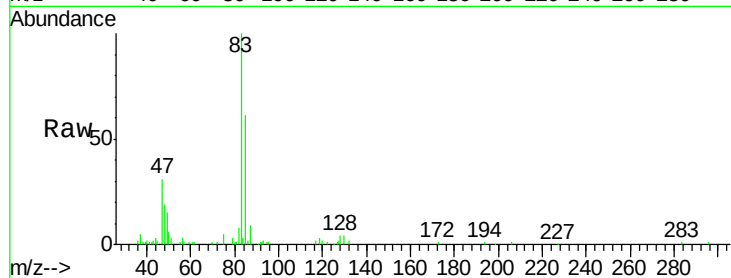
#29
Chloroform
Concen: 0.413 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion	83	Resp	68542
Ion Ratio	100	Lower	Upper
83	100		
85	61.3	53.9	80.9

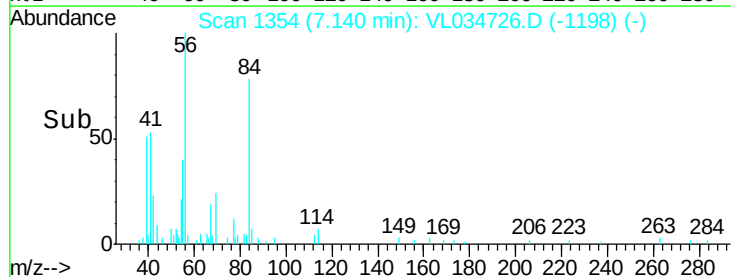
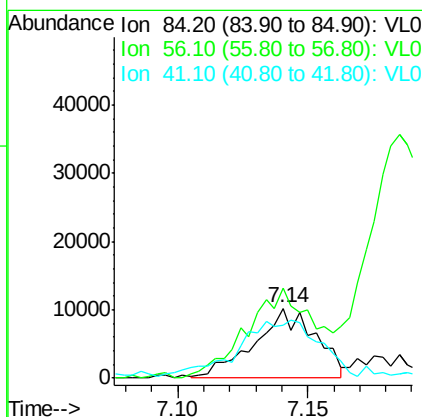
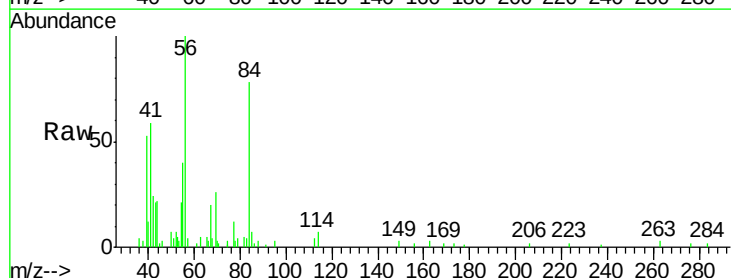
Manual Integrations
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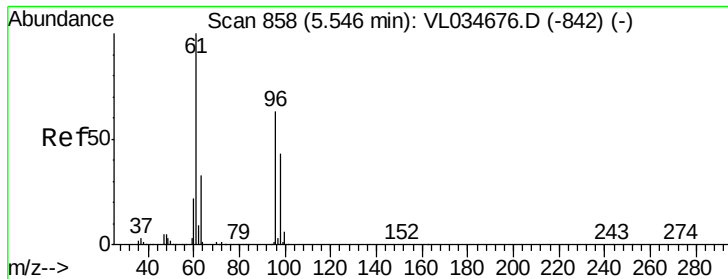
MMDadoda
2/28/2020 12:33:41 PM



#30
Cyclohexane
Concen: 0.205 ppbv m
RT: 7.14 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion	84	Resp	16589
Ion Ratio	100	Lower	Upper
84	100		
56	146.3	113.4	170.2
41	107.5	68.2	102.4#





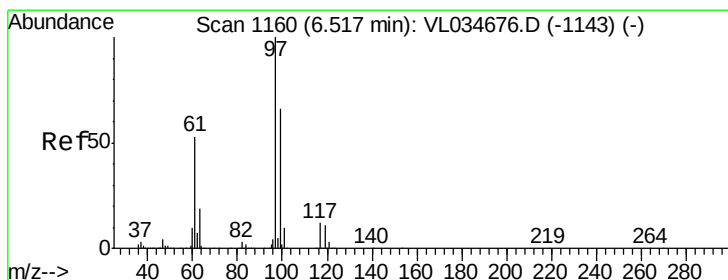
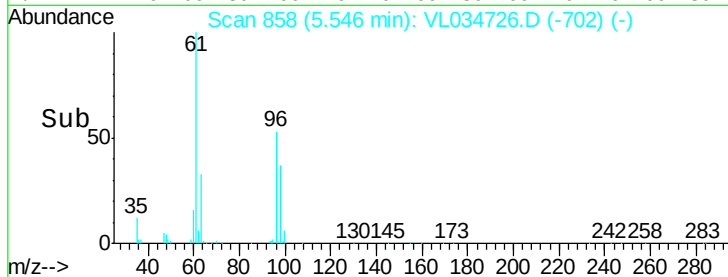
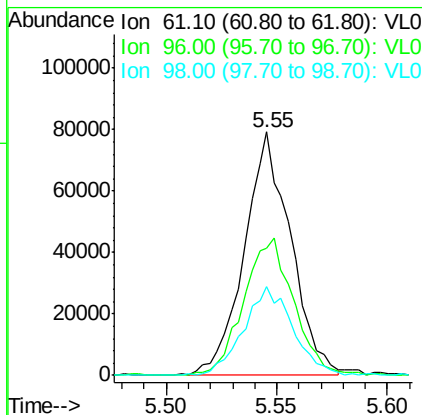
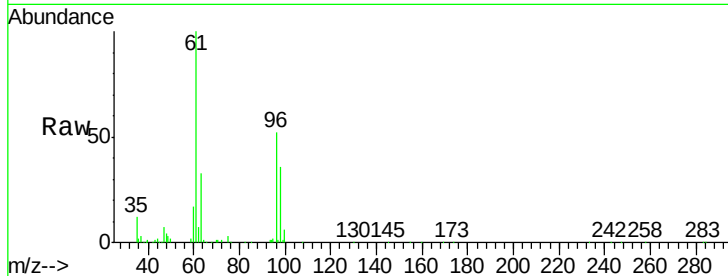
#31
 cis-1,2-Dichloroethene
 Concen: 1.122 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VL034726.D
 Acq: 28 Feb 2020 2:36

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion	Ratio	Resp	Lower	Upper
61	100	115064		
96	52.4		50.2	75.2
98	35.8		34.3	51.5

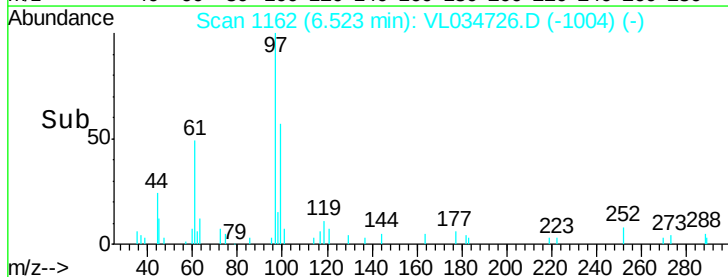
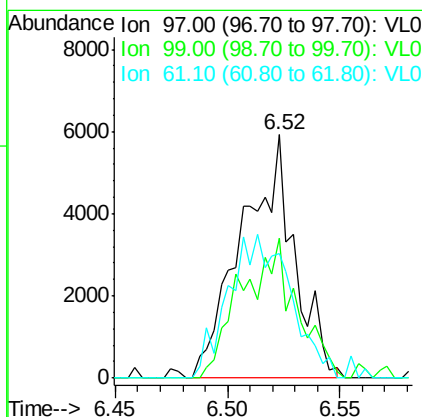
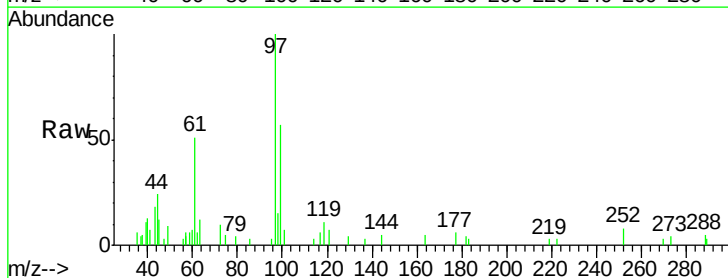
Manual Integrations
 APPROVED

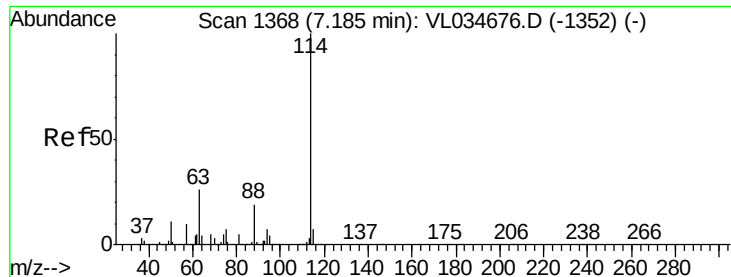
MMDadoda
 2/28/2020 12:33:41 PM



#32
 1,1,1-Trichloroethane
 Concen: 0.062 ppbv m
 RT: 6.52 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VL034726.D
 Acq: 28 Feb 2020 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	9627		
99	0.0		52.3	78.5#
61	71.2		42.8	64.2#





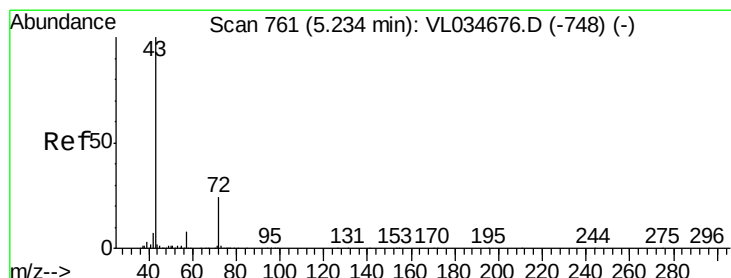
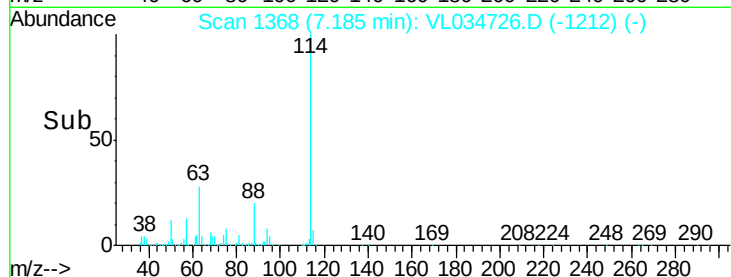
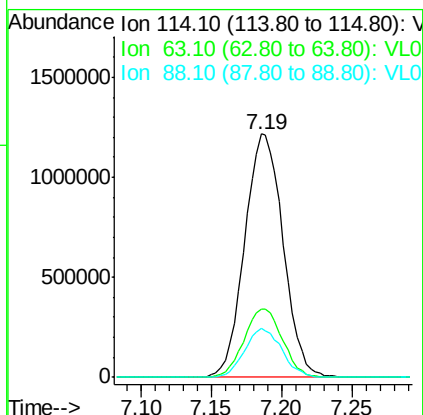
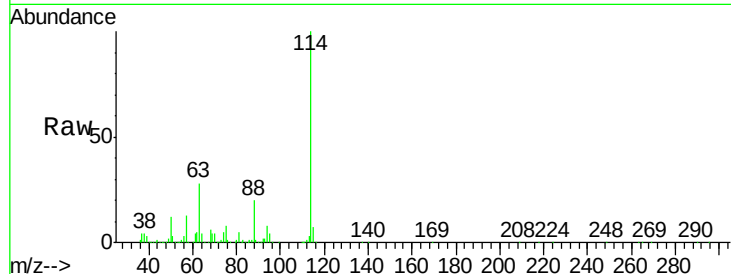
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VL034726.D
 Acq: 28 Feb 2020 2:36

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.9	34.3
88	19.5	15.8	23.6

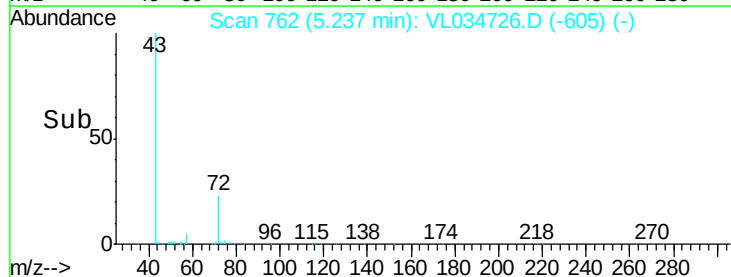
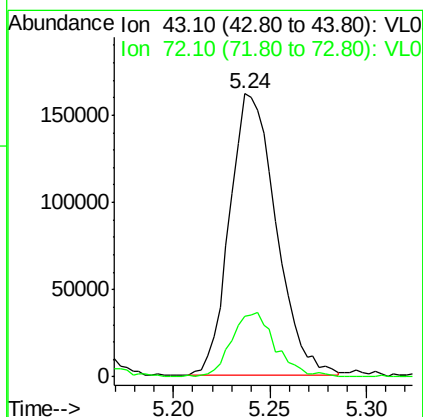
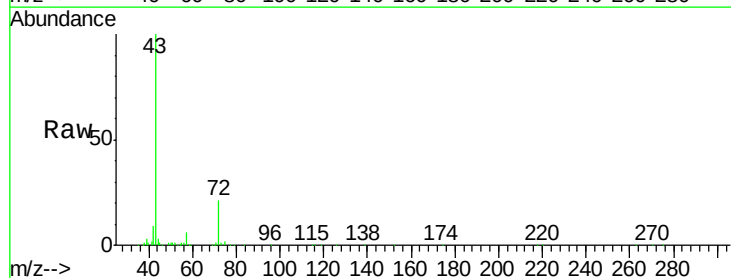
Manual Integrations
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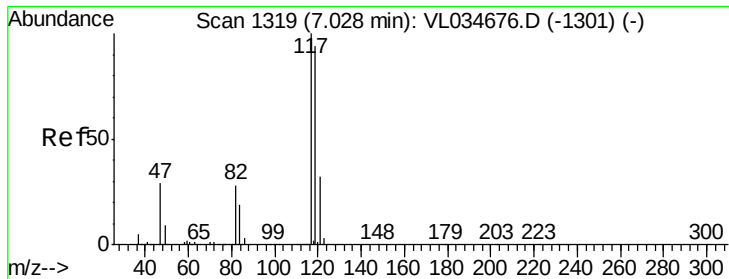
MMDadoda
 2/28/2020 12:33:41 PM



#34
 2-Butanone
 Concen: 1.852 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VL034726.D
 Acq: 28 Feb 2020 2:36

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.0	18.2	27.2





#35

Carbon Tetrachloride

Concen: 0.079 ppbv m

RT: 7.02 min Scan# 1318

Delta R.T. -0.00 min

Lab File: VL034726.D

Acq: 28 Feb 2020 2:36

Instrument :

MSVOA_L

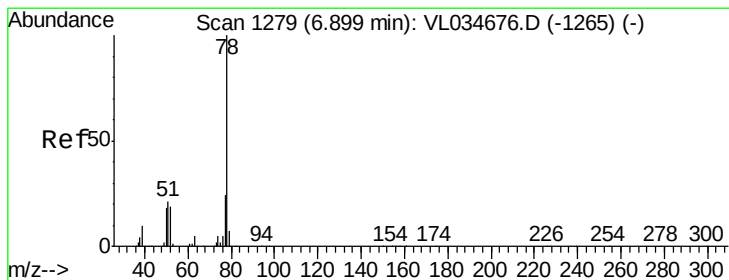
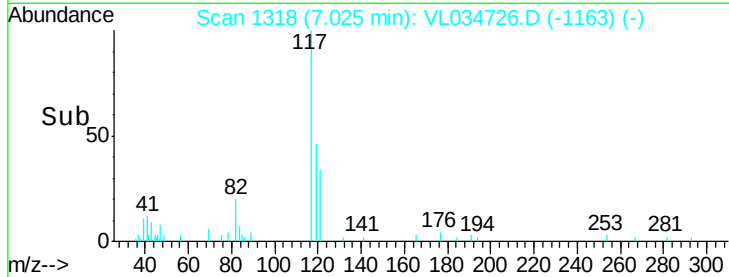
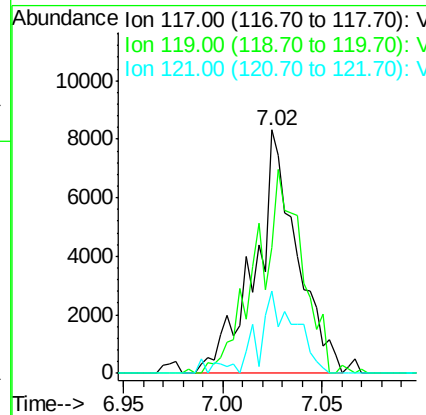
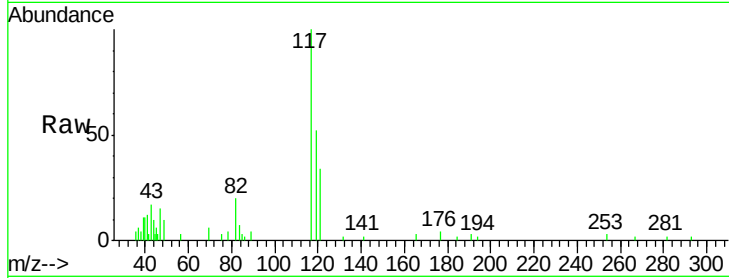
ClientSampleId :

SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion:	117	Resp:	12216
Ion Ratio	Lower	Upper	
117	100		
119	51.6	75.5	113.3#
121	33.9	25.4	38.0

Manual Integrations
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#36

Benzene

Concen: 0.288 ppbv

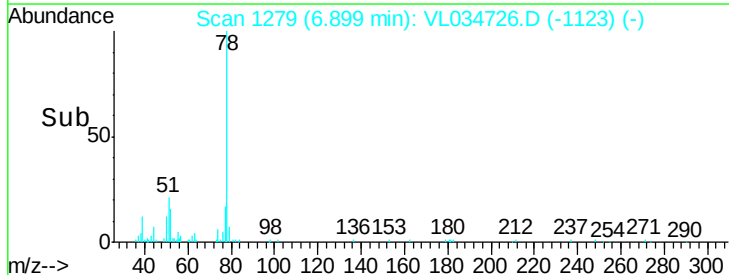
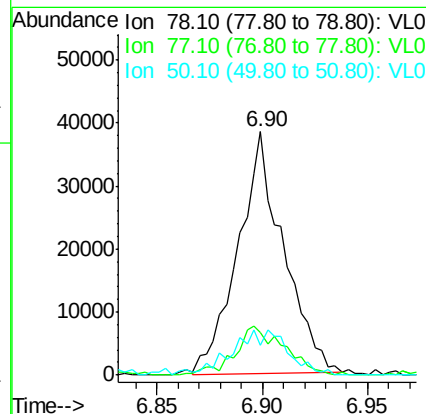
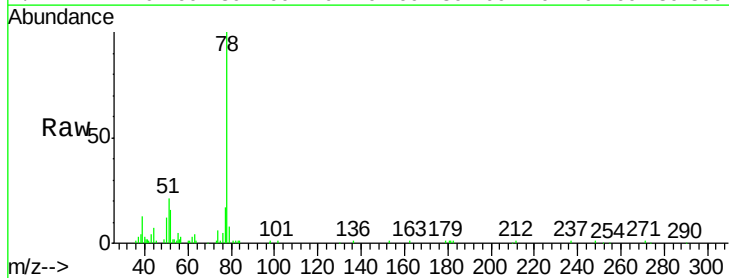
RT: 6.90 min Scan# 1279

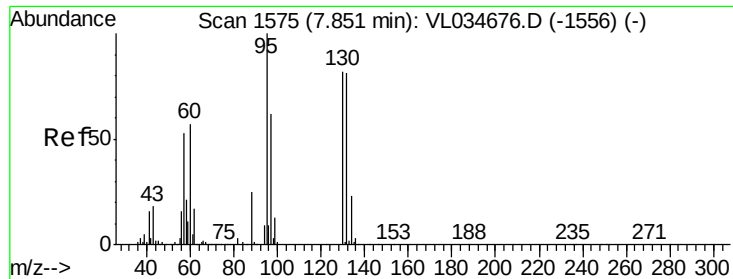
Delta R.T. 0.00 min

Lab File: VL034726.D

Acq: 28 Feb 2020 2:36

Tgt Ion:	78	Resp:	57624
Ion Ratio	Lower	Upper	
78	100		
77	16.3	19.5	29.3#
50	12.3	14.6	21.8#





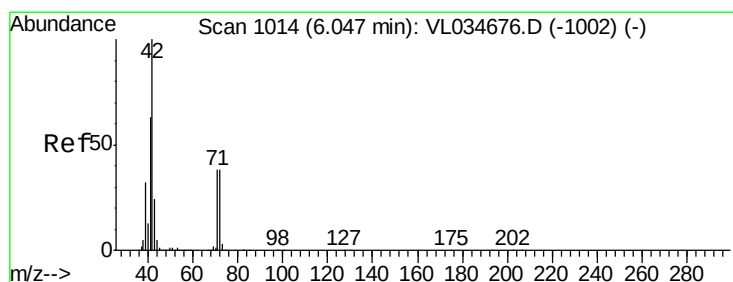
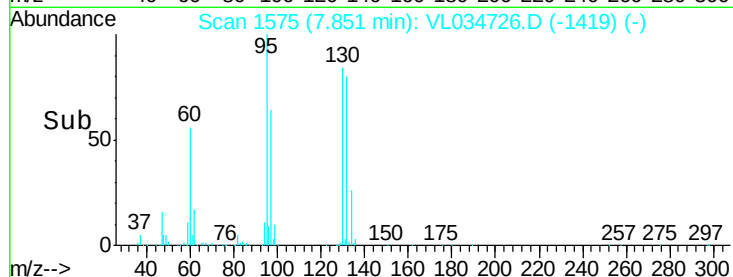
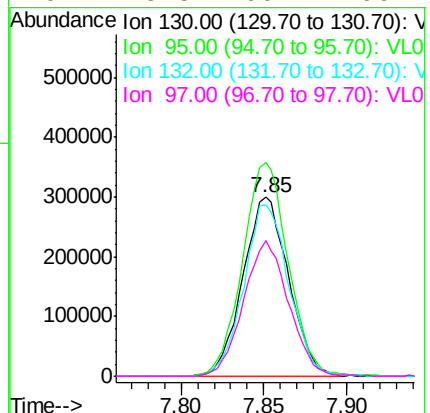
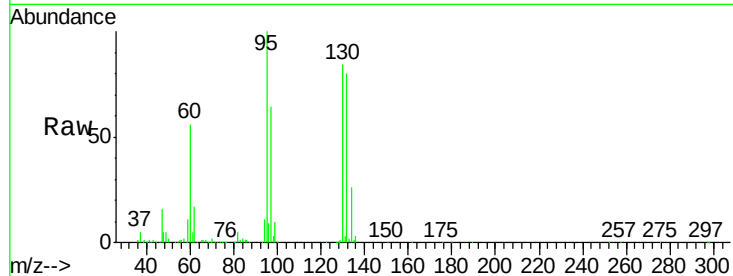
#38
 Trichloroethene
 Concen: 7.404 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VL034726.D
 Acq: 28 Feb 2020 2:36

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		571573		
95	118.9	97.1	145.7		
132	95.4	78.3	117.5		
97	75.5	60.1	90.1		

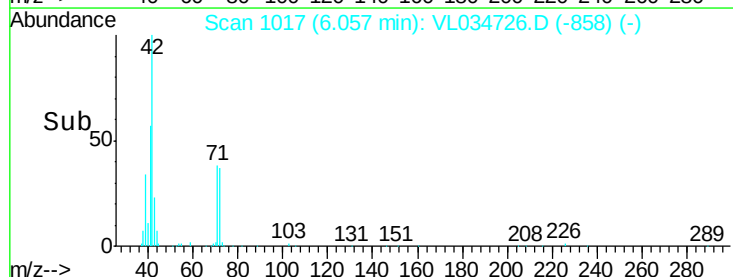
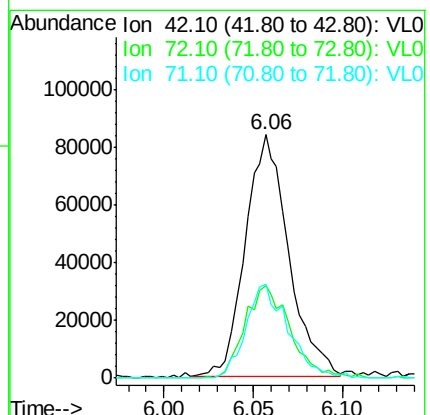
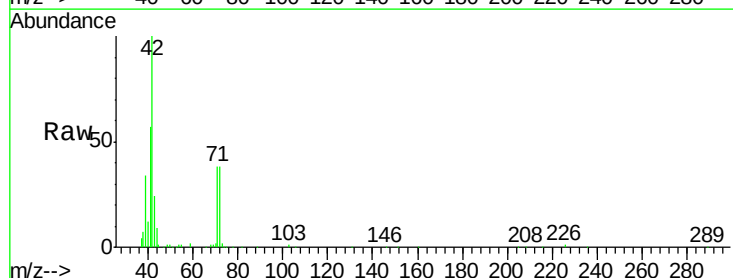
Manual Integrations
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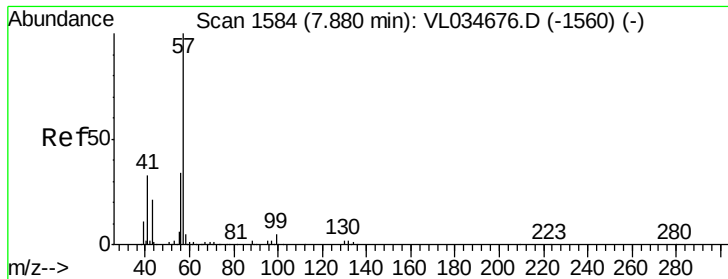
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#41
 Tetrahydrofuran
 Concen: 1.841 ppbv
 RT: 6.06 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: VL034726.D
 Acq: 28 Feb 2020 2:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		141835		
72	40.7	31.7	47.5		
71	38.2	30.7	46.1		





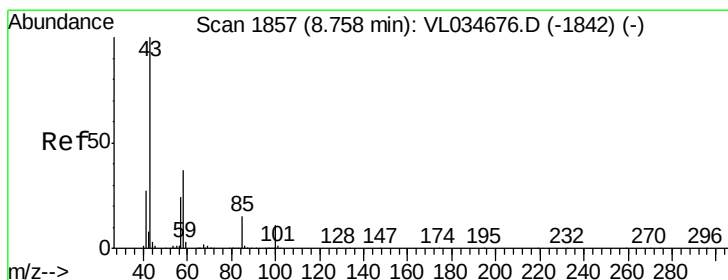
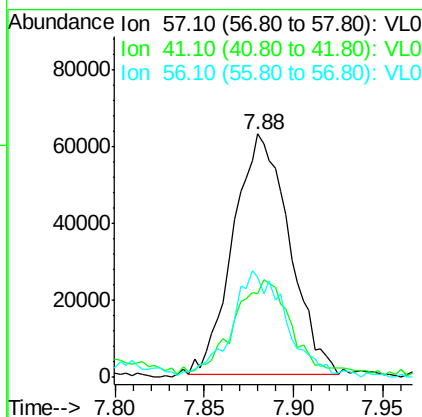
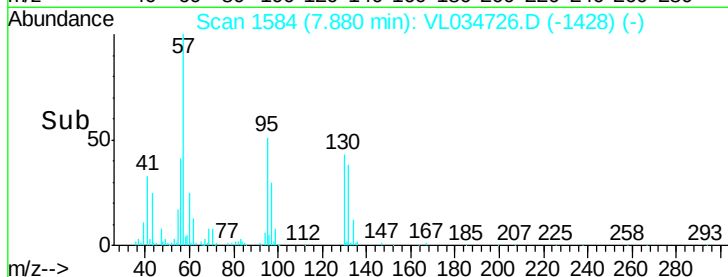
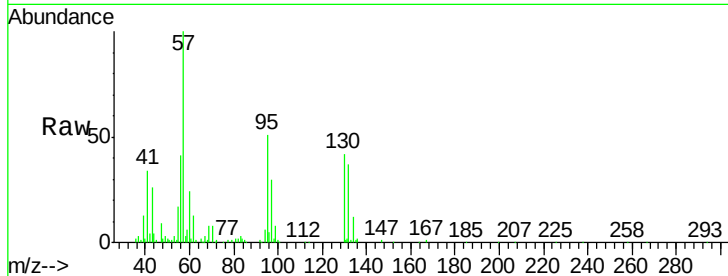
#44
 2,2,4-Trimethylpentane
 Concen: 0.392 ppbv
 RT: 7.88 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VL034726.D
 Acq: 28 Feb 2020 2:36

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion	Ratio	Lower	Upper
57	100		
41	43.1	26.0	39.0#
56	44.4	25.6	38.4#

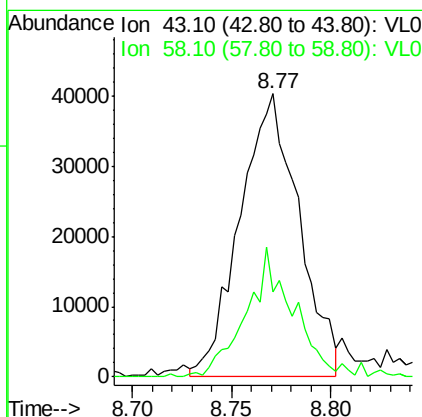
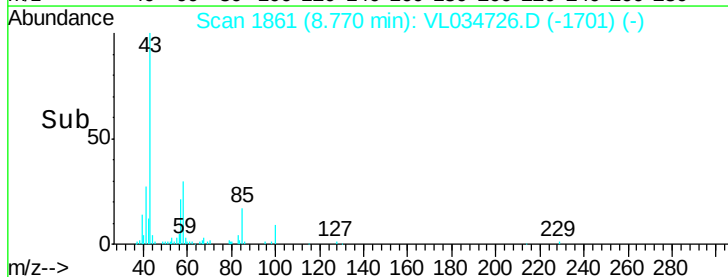
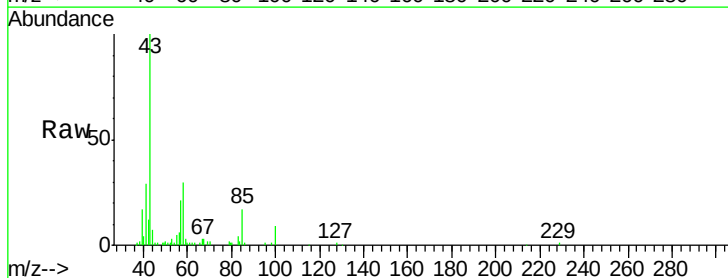
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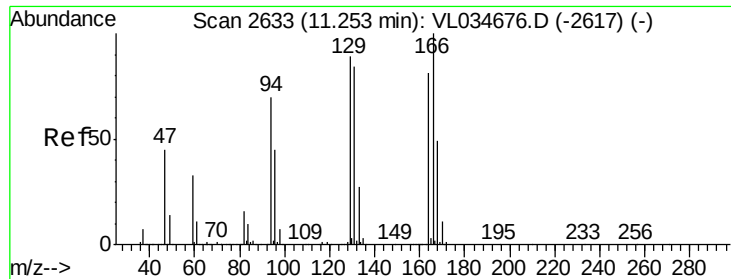
MMDadoda
 2/28/2020 12:33:41 PM



#50
 4-Methyl-2-Pentanone
 Concen: 0.403 ppbv m
 RT: 8.77 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VL034726.D
 Acq: 28 Feb 2020 2:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.0	43.6





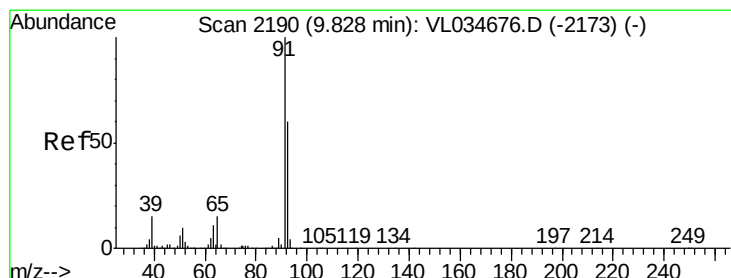
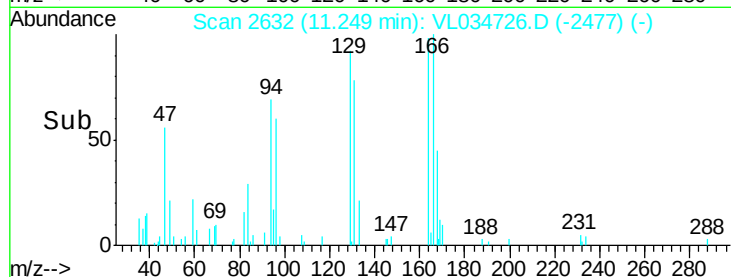
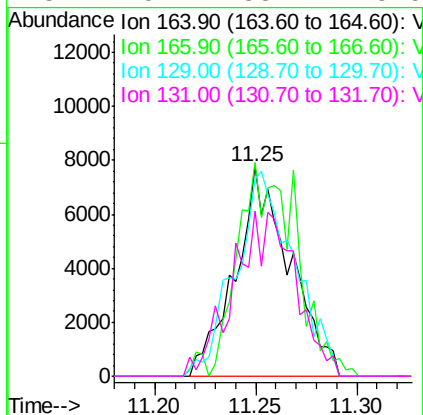
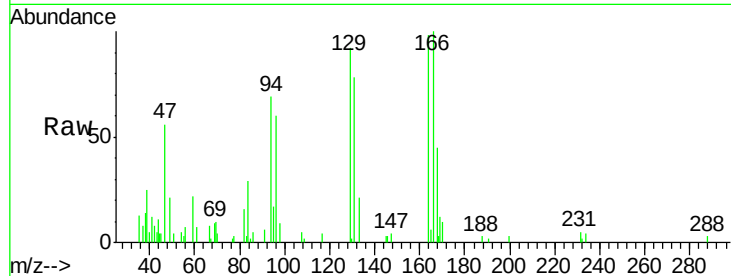
#52
Tetrachloroethene
Concen: 0.199 ppbv m
RT: 11.25 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion	Ratio	Lower	Upper
164	100		
166	102.0	99.2	148.8
129	94.3	88.0	132.0
131	79.2	83.7	125.5

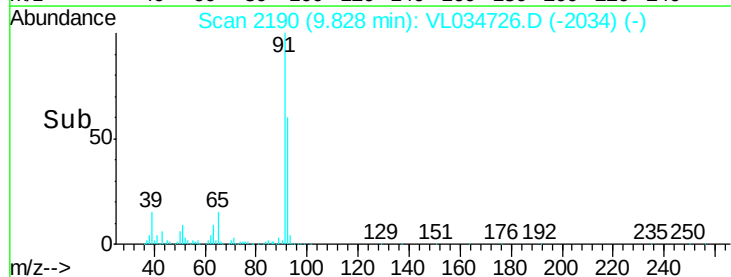
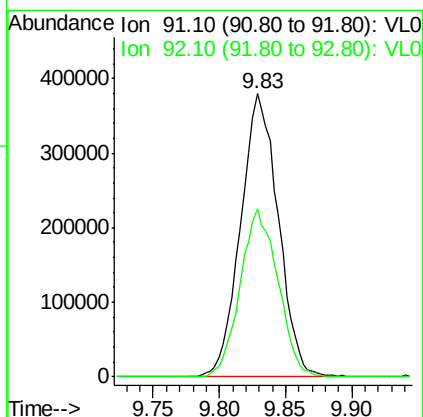
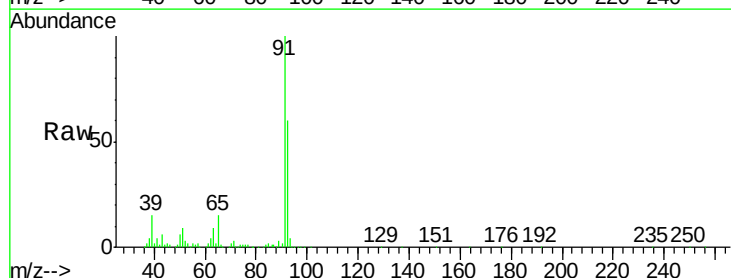
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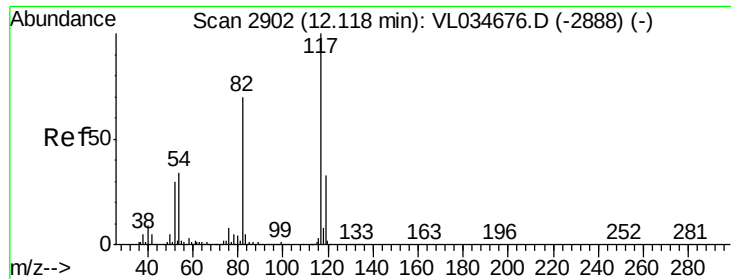
MMDadoda
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#53
Toluene
Concen: 3.514 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.7	48.5	72.7





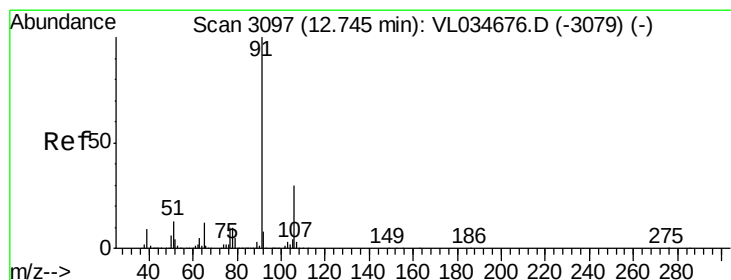
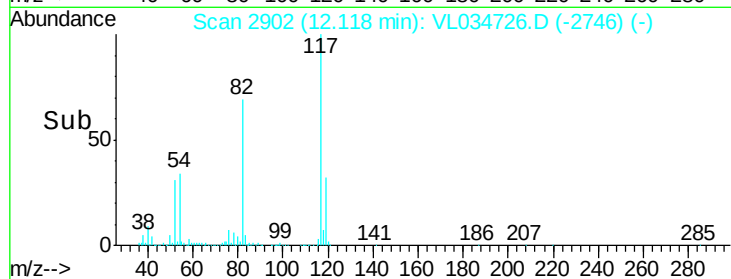
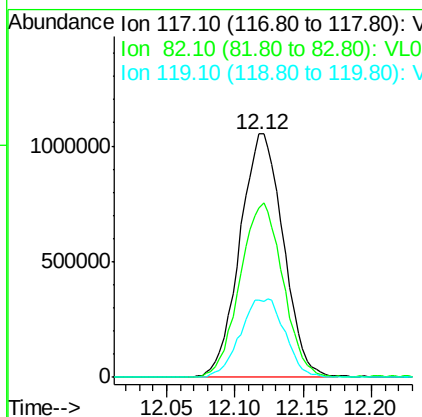
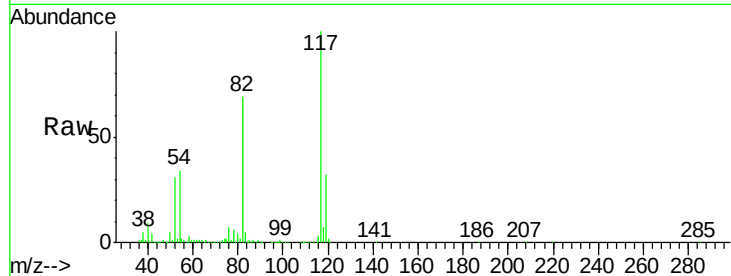
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion	Ratio	Lower	Upper
117	100		
82	71.2	54.1	81.1
119	33.3	27.6	41.4

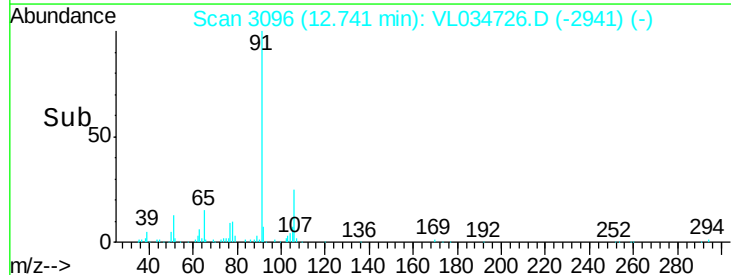
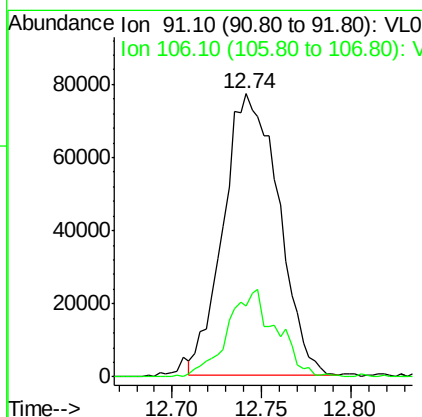
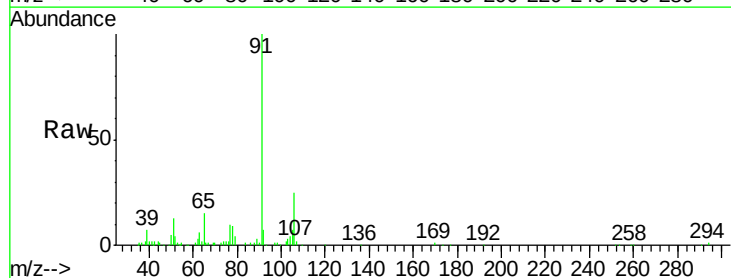
Manual Integrations
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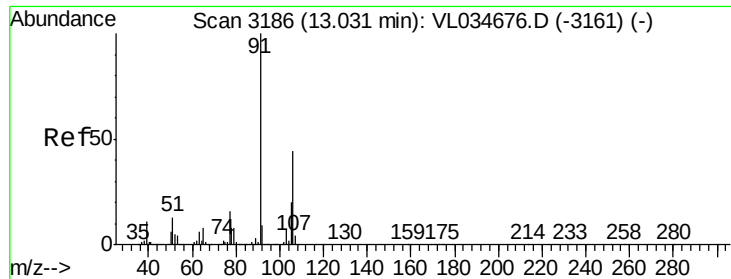
MMDadoda
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#58
Ethyl Benzene
Concen: 0.589 ppbv
RT: 12.74 min Scan# 3096
Delta R.T. -0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion	Ratio	Lower	Upper
91	100		
106	24.5	24.0	36.0





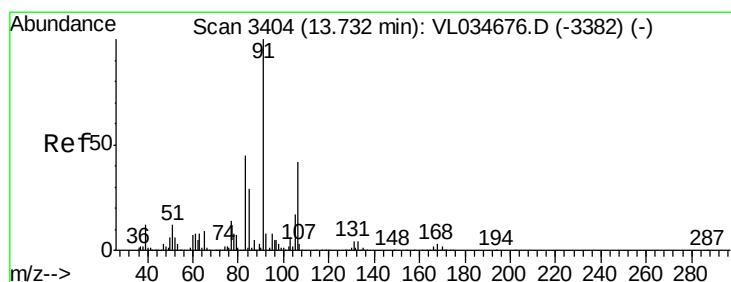
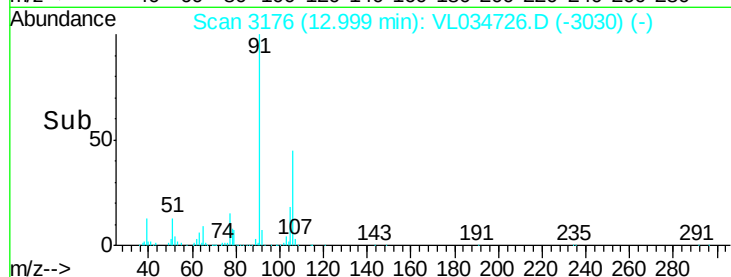
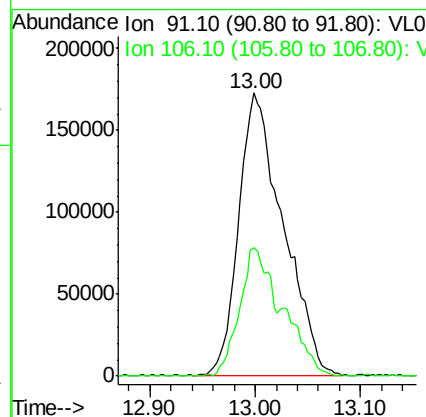
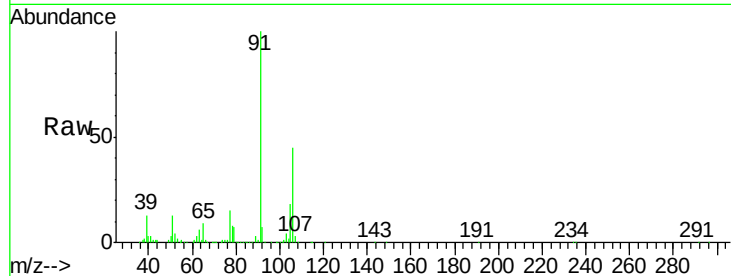
#59
m/p-Xylene
Concen: 2.069 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.03 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion: 91 Resp: 506750
Ion Ratio Lower Upper
91 100
106 43.8 35.6 53.4

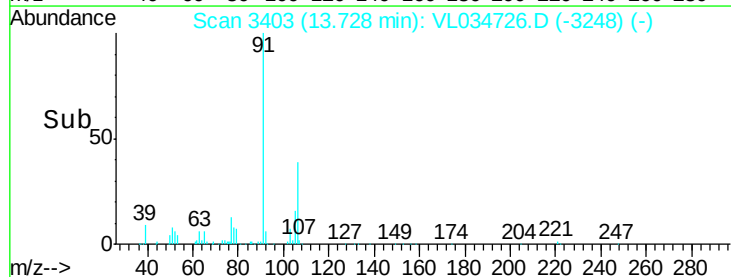
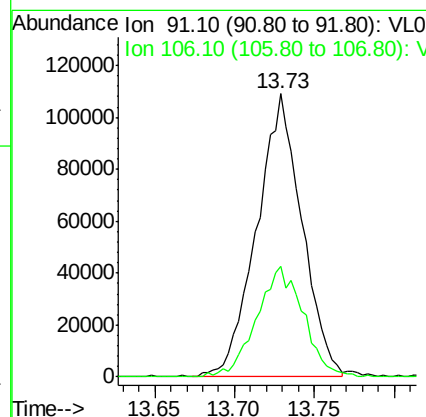
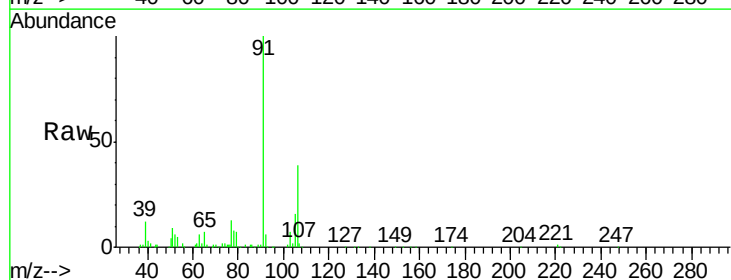
Manual Integrations
APPROVED

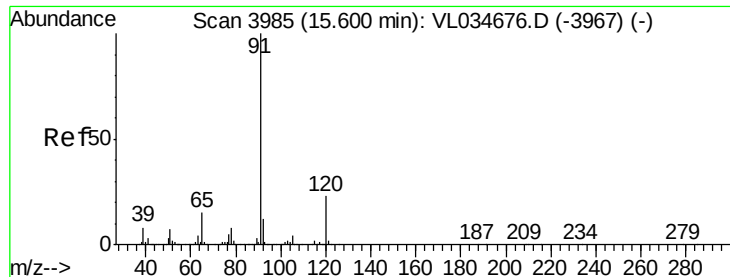
MMDadoda
2/28/2020 12:33:41 PM



#60
o-Xylene
Concen: 0.874 ppbv
RT: 13.73 min Scan# 3403
Delta R.T. -0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 91 Resp: 212538
Ion Ratio Lower Upper
91 100
106 40.2 21.9 65.5





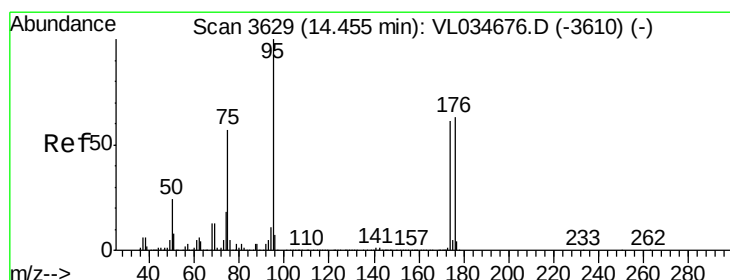
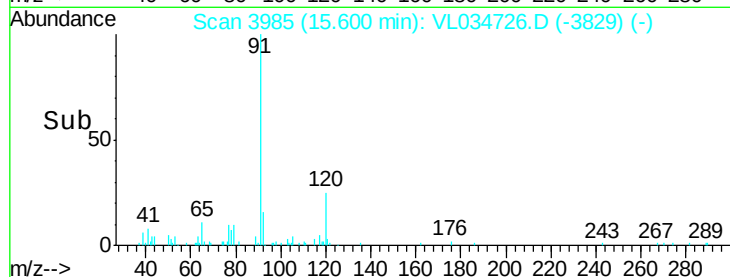
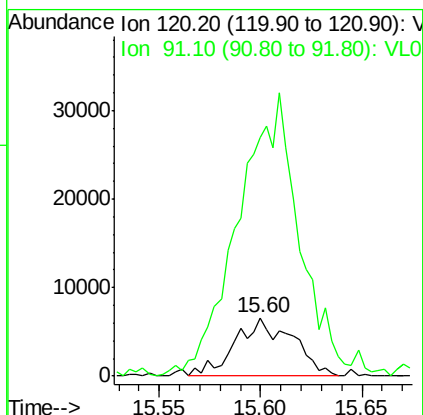
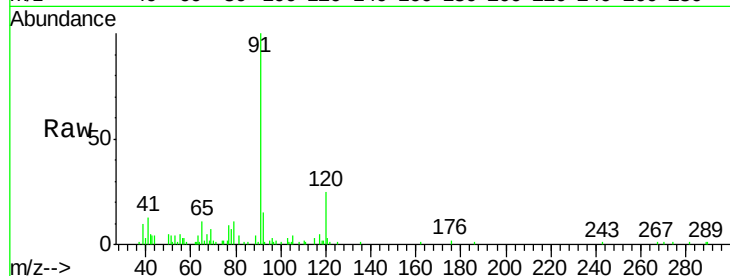
#64
n-propylbenzene
Concen: 0.142 ppbv m
RT: 15.60 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Instrument :
MSVOA_L
ClientSampleId :
SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion:120 Resp: 12975
Ion Ratio Lower Upper
120 100
91 0.0 369.8 554.8#

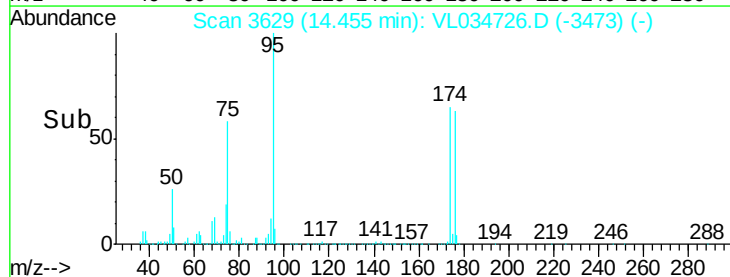
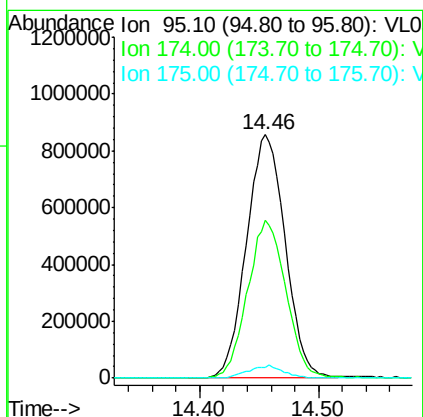
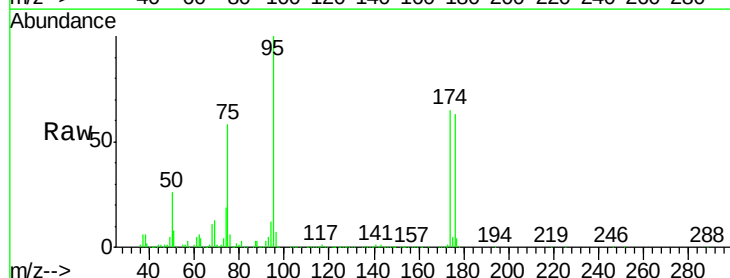
Manual Integrations
APPROVED

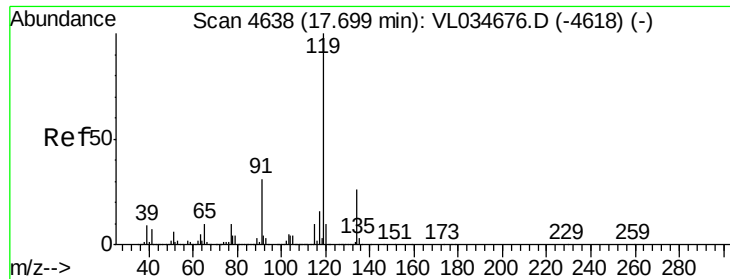
MMDadoda
2/28/2020 12:33:41 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.152 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. 0.00 min
Lab File: VL034726.D
Acq: 28 Feb 2020 2:36

Tgt Ion: 95 Resp: 1932291
Ion Ratio Lower Upper
95 100
174 64.6 50.7 76.1
175 4.8 3.9 5.9





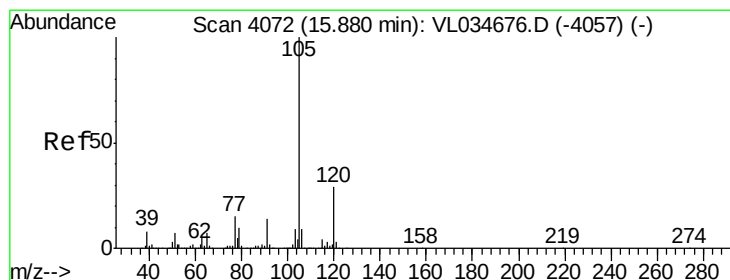
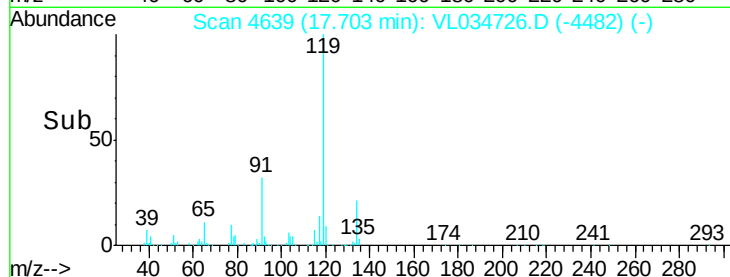
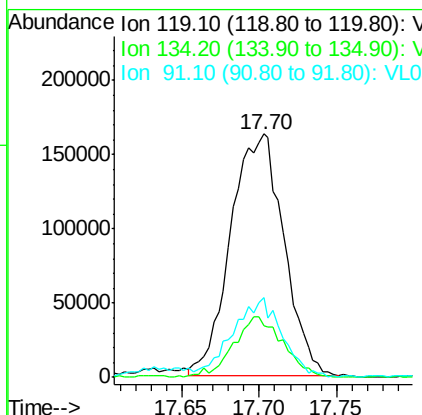
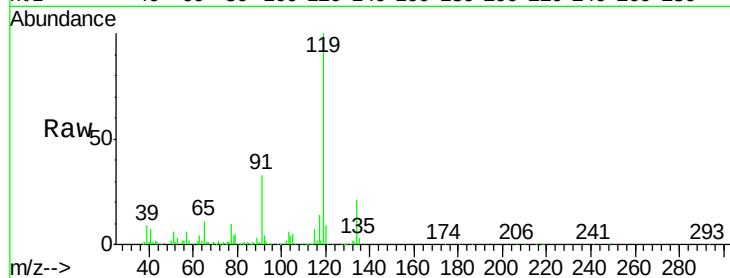
#69
 p-Isopropyltoluene
 Concen: 1.066 ppbv
 RT: 17.70 min Scan# 4639
 Delta R.T. 0.00 min
 Lab File: VL034726.D
 Acq: 28 Feb 2020 2:36

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion	Ratio	Resp	Lower	Upper
119	100	386745		
134	23.5		20.6	31.0
91	30.6		25.3	37.9

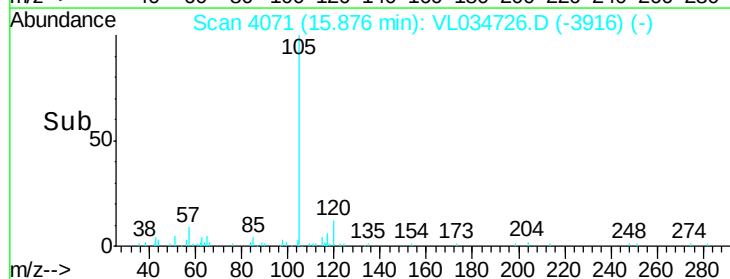
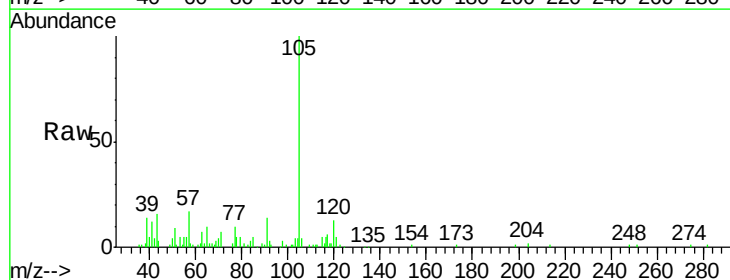
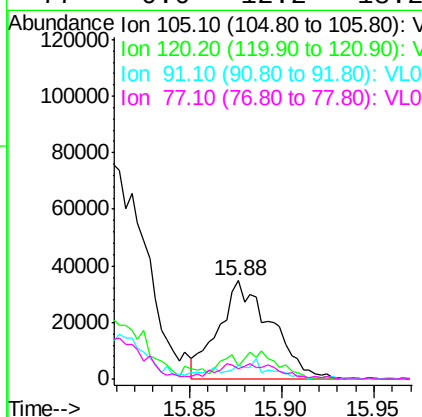
Manual Integrations
 APPROVED

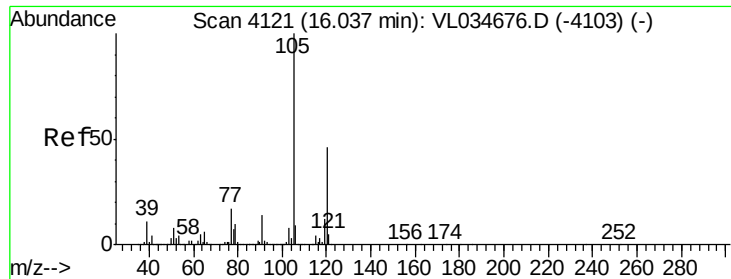
MMDadoda
 2/28/2020 12:33:41 PM



#72
 4-Ethyltoluene
 Concen: 0.255 ppbv m
 RT: 15.88 min Scan# 4071
 Delta R.T. -0.00 min
 Lab File: VL034726.D
 Acq: 28 Feb 2020 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	68954		
120	0.0		23.7	35.5#
91	0.0		10.9	16.3#
77	0.0		12.2	18.2#





#73

1,3,5-Trimethylbenzene

Concen: 0.253 ppbv

RT: 16.04 min Scan# 4121

Delta R.T. 0.00 min

Lab File: VL034726.D

Acq: 28 Feb 2020 2:36

Instrument :

MSVOA_L

ClientSampleId :

SG-4-STORAGE-ROOM-NEXT-TO-C

Tot Ion:105 Resp: 65855

Ion Ratio Lower Upper

105 100

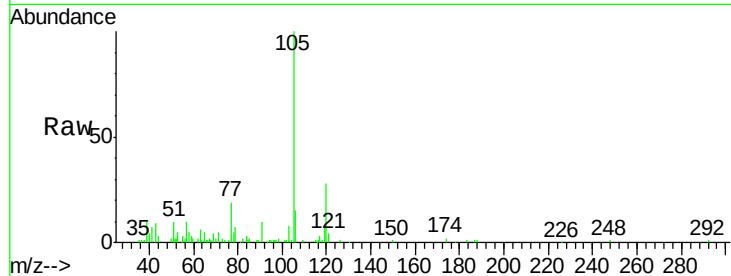
120 28.4 37.1 55.7#

Manual Integrations

APPROVED

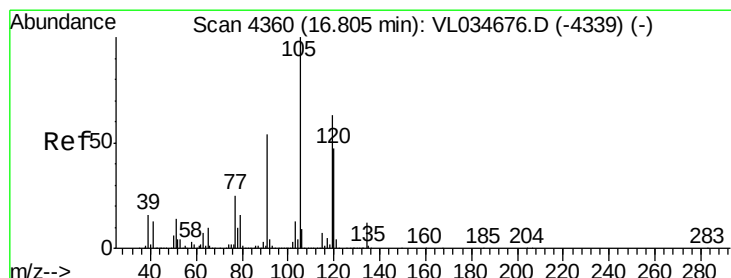
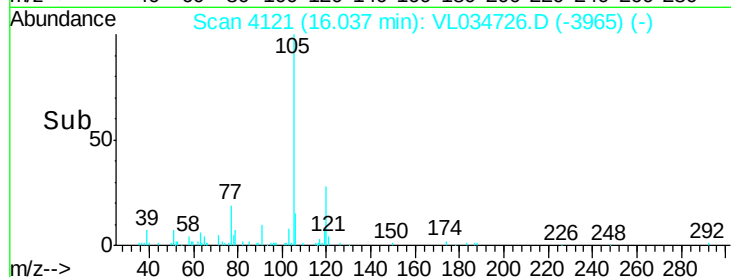
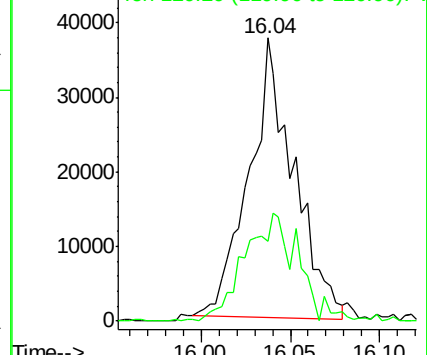
MMDadoda

2/28/2020 12:33:41 PM



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.973 ppbv

RT: 16.81 min Scan# 4360

Delta R.T. 0.00 min

Lab File: VL034726.D

Acq: 28 Feb 2020 2:36

Tgt Ion:105 Resp: 279597

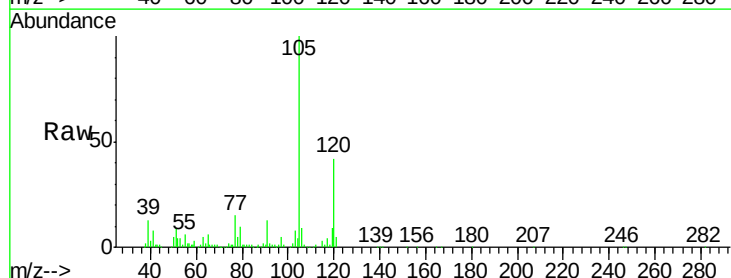
Ion Ratio Lower Upper

105 100

120 42.1 37.9 56.9

91 12.4 43.9 65.9#

77 13.9 20.3 30.5#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

