

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037179.D
 Acq On : 16 Jun 2021 20:43
 Operator : SY/AP
 Sample : M2713-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MID

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:37:47 PM

Quant Time: Jun 17 15:34:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 17 15:34:10 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1309811	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3826342	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3439781	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2687976	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	61708	0.271	ppbv	99
3) Chlorodifluoromethane	2.99	51	57946m	0.228	ppbv	
4) Chloromethane	3.15	50	11876m	0.140	ppbv	
7) Chloroethane	3.56	64	12086m	0.362	ppbv	
9) Propene	3.02	41	33026m	0.406	ppbv	
10) Heptane	8.12	43	172638	0.875	ppbv	99
11) Trichlorofluoromethane	3.95	101	89931	0.370	ppbv	88
12) 1,1,2-Trichlorotrifluoroet	4.49	101	74916	0.437	ppbv	99
13) Ethanol	3.61	45	144509	11.471	ppbv	50
15) Acetone	3.85	43	1139725	7.716	ppbv	92
17) tert-Butyl alcohol	4.31	59	50133m	0.367	ppbv	
18) 1,1-Dichloroethene	4.29	96	83281	1.097	ppbv	96
19) Isopropyl Alcohol	3.97	45	931721	10.415	ppbv	98
20) Methylene Chloride	4.35	84	706650	7.991	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	12605m	0.168	ppbv	
24) 1,1-Dichloroethane	5.01	63	450292	2.641	ppbv	99
26) Hexane	5.69	57	438703	2.715	ppbv #	52
29) Chloroform	5.75	83	30263	0.121	ppbv	97
30) Cyclohexane	7.14	84	21085m	0.157	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	9765024	36.553	ppbv	96
34) 2-Butanone	5.26	43	136614	0.918	ppbv	97
36) Benzene	6.90	78	37473	0.121	ppbv	94
38) Trichloroethene	7.83	130	6984m	0.047	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	670653m	3.281	ppbv	
52) Tetrachloroethene	11.23	164	5539m	0.039	ppbv	
53) Toluene	9.81	91	3275809	8.863	ppbv	100
58) Ethyl Benzene	12.72	91	1687951	3.565	ppbv	97
59) m/p-Xylene	12.97	91	7102535	17.699	ppbv	96
60) o-Xylene	13.69	91	3263947	8.542	ppbv	100
61) Styrene	13.53	104	44119	0.224	ppbv #	77
62) Isopropylbenzene	14.67	105	59866	0.110	ppbv	100
69) p-Isopropyltoluene	17.65	119	67840m	0.125	ppbv	
70) n-Butylbenzene	18.56	91	50573m	0.101	ppbv	
72) 4-Ethyltoluene	15.84	105	84126m	0.194	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	128205	0.306	ppbv #	80
74) 1,2,4-Trimethylbenzene	16.77	105	318140	0.736	ppbv #	71
76) 1,4-Dichlorobenzene	17.15	146	47834m	0.182	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	59484	0.234	ppbv	92
79) Naphthalene	22.20	128	93918m	0.261	ppbv	
81) 1,2,4-Trichlorobenzene	21.94	180	73991m	0.356	ppbv	

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Acq On : 16 Jun 2021 20:43
Operator : SY/AP
Sample : M2713-02
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MID

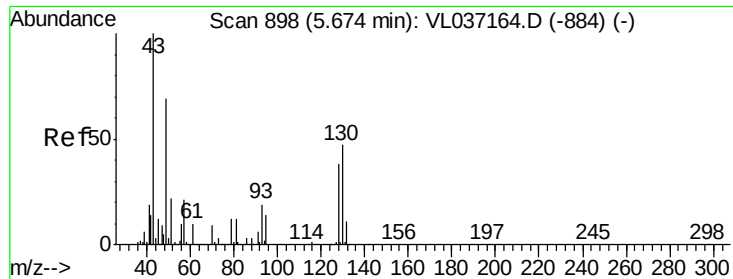
Manual Integrations
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6/17/2021 5:37:47 PM

Quant Time: Jun 17 15:34:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL037179.D

Acq: 16 Jun 2021 20:43

Instrument :

MSVOA_L

ClientSampled :

MID

Tot Ion: 49 Resp: 1309811

Ion Ratio Lower Upper

49 100

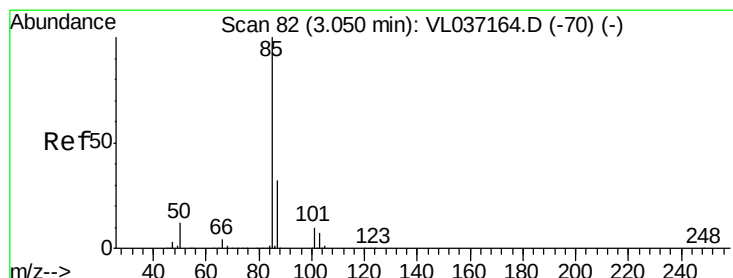
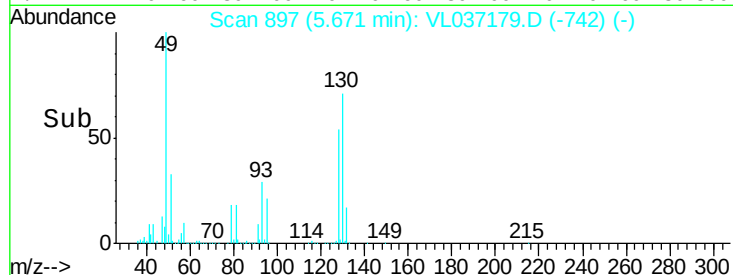
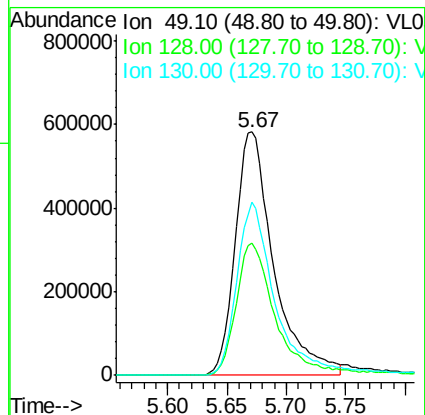
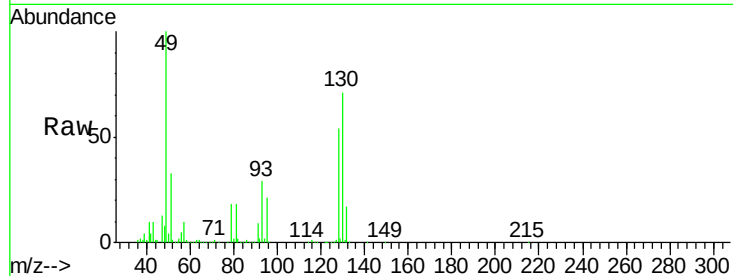
128 57.6 29.3 88.0

130 72.3 35.9 107.8

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#2

Dichlorodifluoromethane

Concen: 0.271 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL037179.D

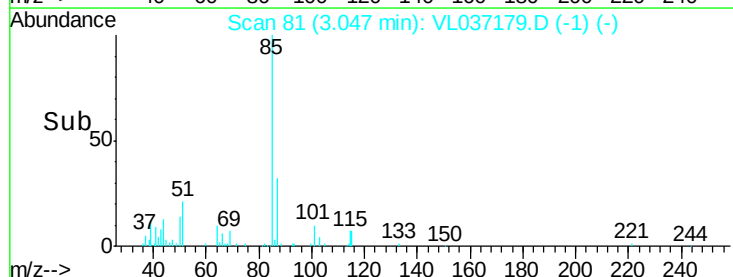
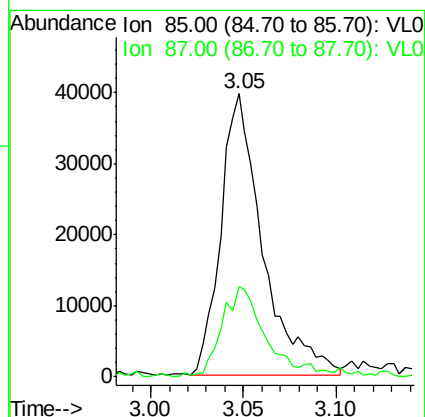
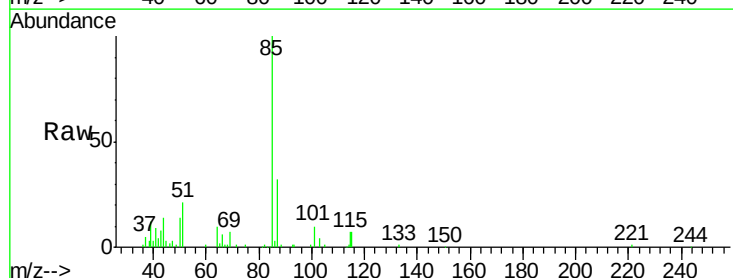
Acq: 16 Jun 2021 20:43

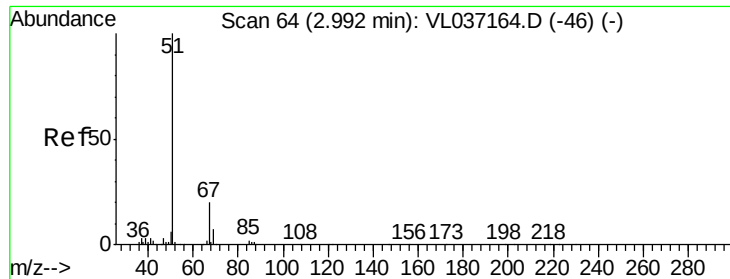
Tgt Ion: 85 Resp: 61708

Ion Ratio Lower Upper

85 100

87 31.7 25.8 38.6





#3

Chlorodifluoromethane

Concen: 0.228 ppbv m

RT: 2.99 min Scan# 63

Delta R.T. -0.00 min

Lab File: VL037179.D

Acq: 16 Jun 2021 20:43

Instrument :

MSVOA_L

ClientSampled :

MID

Tot Ion: 51 Resp: 57946

Ion Ratio Lower Upper

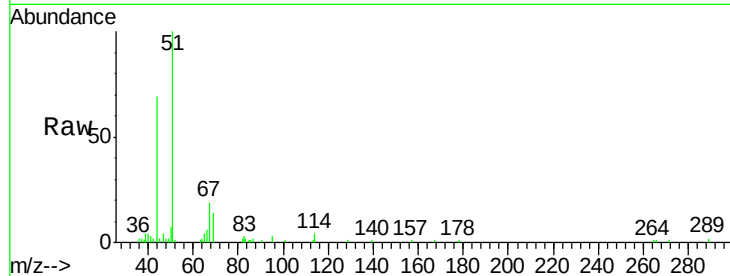
51 100

67 1.6 15.8 23.6#

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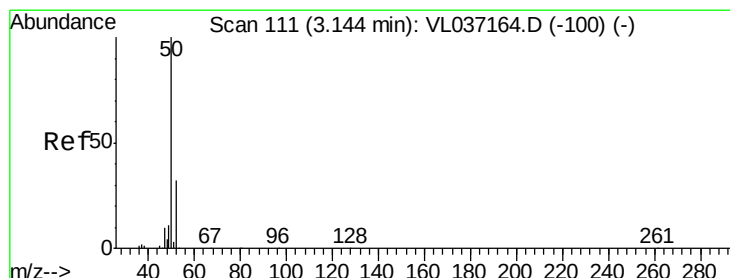
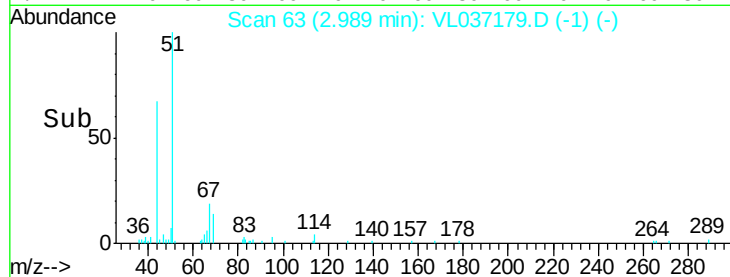
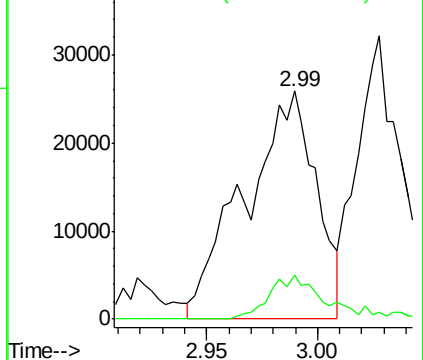
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.140 ppbv m

RT: 3.15 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL037179.D

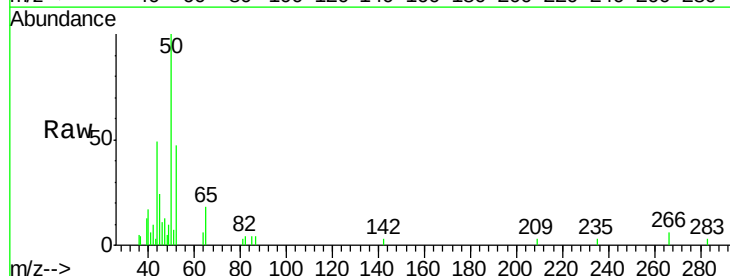
Acq: 16 Jun 2021 20:43

Tgt Ion: 50 Resp: 11876

Ion Ratio Lower Upper

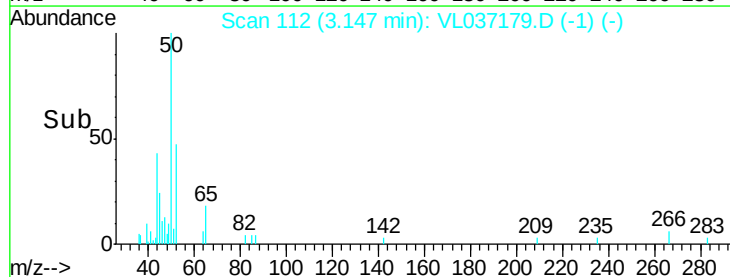
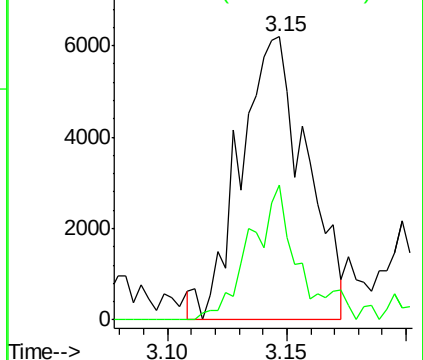
50 100

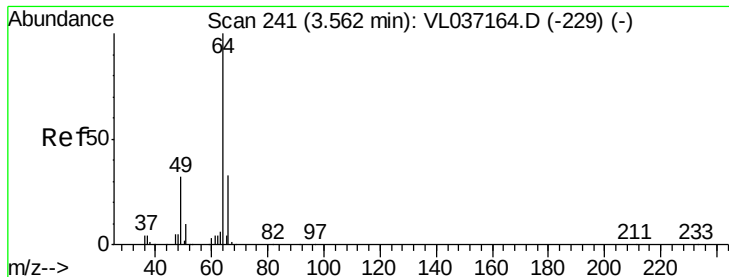
52 47.5 25.8 38.8#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 0.362 ppbv m

RT: 3.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VL037179.D

Acq: 16 Jun 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

MID

Tot Ion: 64 Resp: 12086

Ion Ratio Lower Upper

64 100

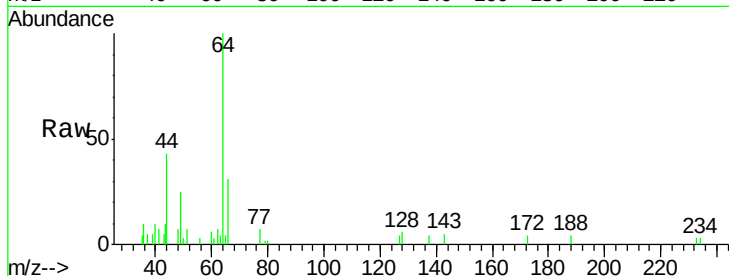
66 30.8 26.2 39.4

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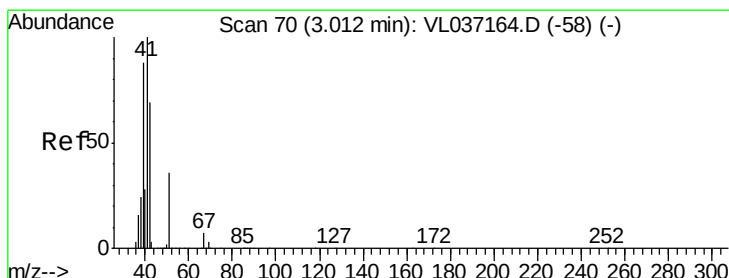
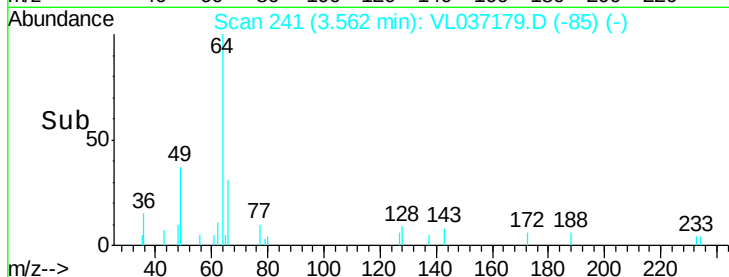
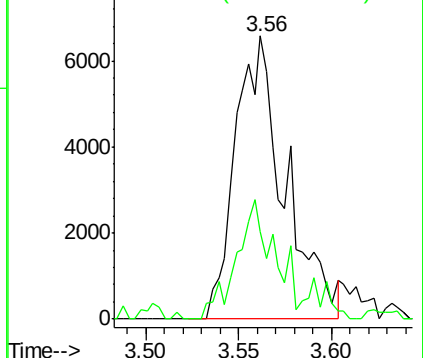
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 0.406 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL037179.D

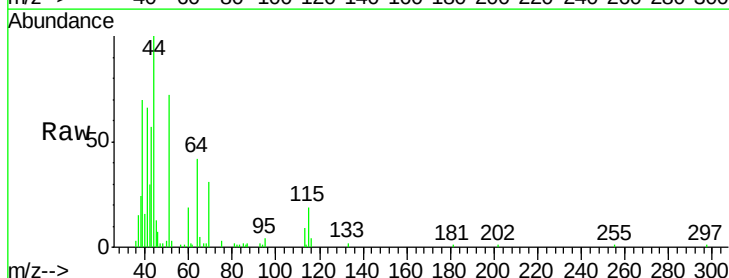
Acq: 16 Jun 2021 20:43

Tgt Ion: 41 Resp: 33026

Ion Ratio Lower Upper

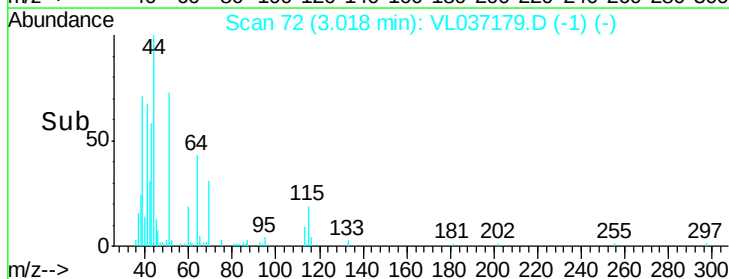
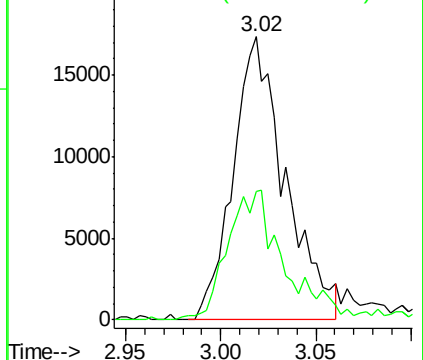
41 100

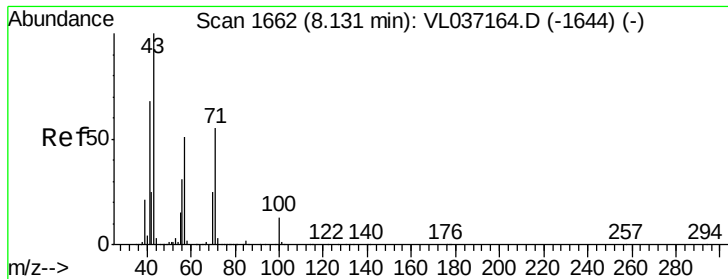
42 49.6 54.5 81.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





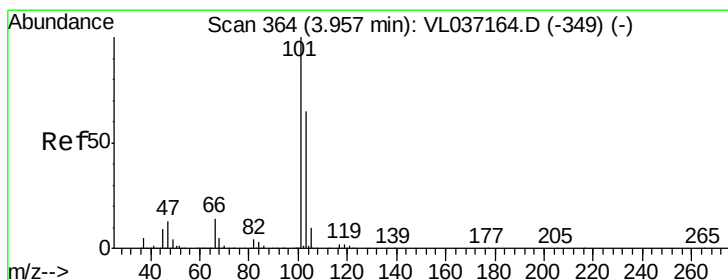
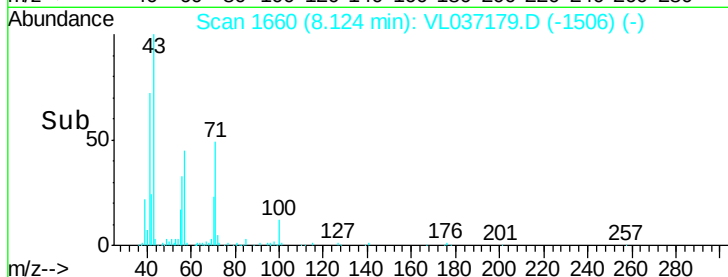
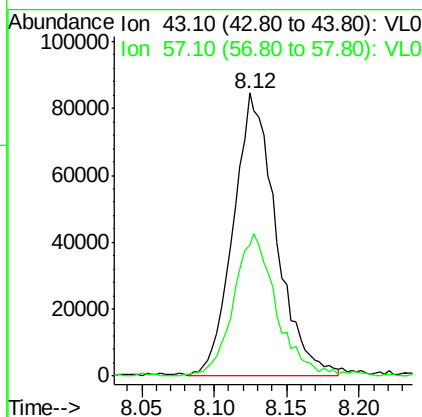
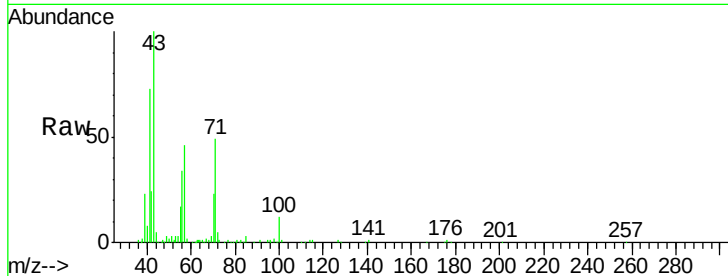
#10
 Heptane
 Concen: 0.875 ppbv
 RT: 8.12 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: VL037179.D
 Acq: 16 Jun 2021 20:43

Instrument :
 MSVOA_L
 ClientSampleId :
 MID

Tot Ion: 43 Resp: 172638
 Ion Ratio Lower Upper
 43 100
 57 51.8 40.6 61.0

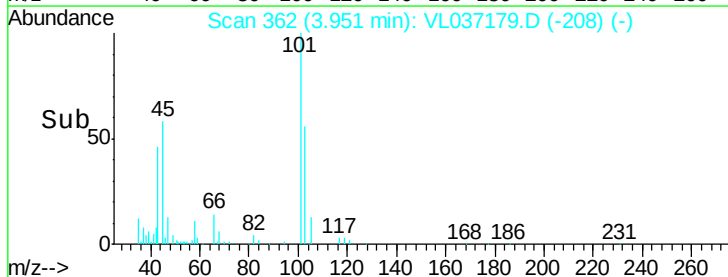
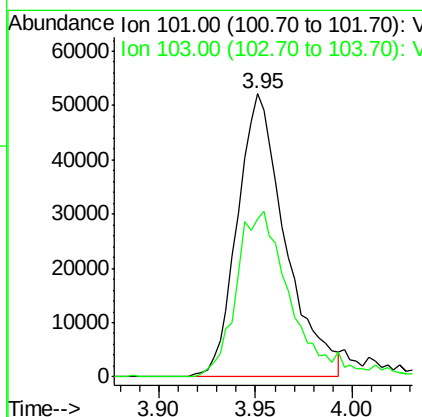
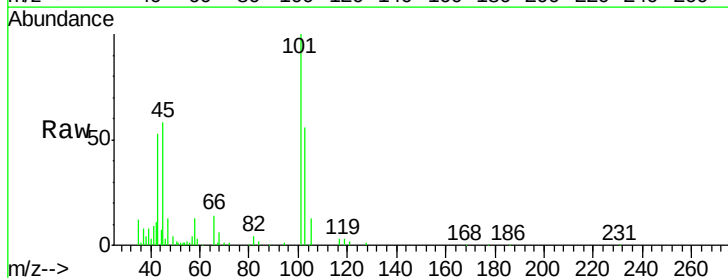
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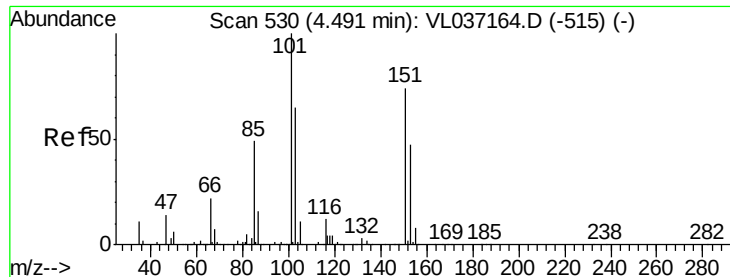
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#11
 Trichlorofluoromethane
 Concen: 0.370 ppbv
 RT: 3.95 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: VL037179.D
 Acq: 16 Jun 2021 20:43

Tgt Ion: 101 Resp: 89931
 Ion Ratio Lower Upper
 101 100
 103 55.5 52.2 78.4





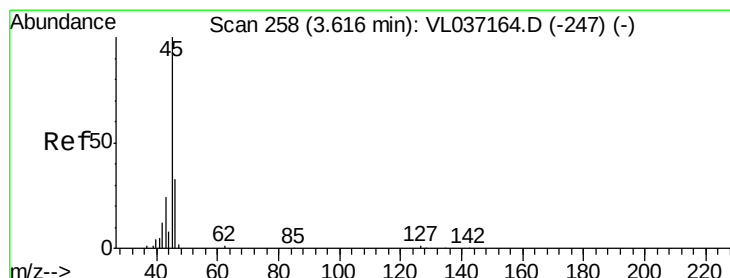
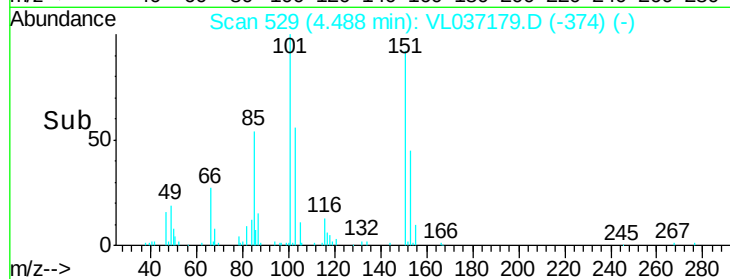
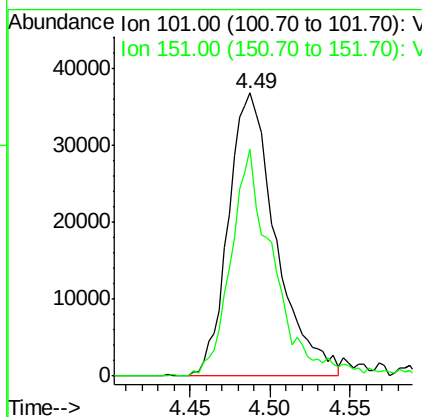
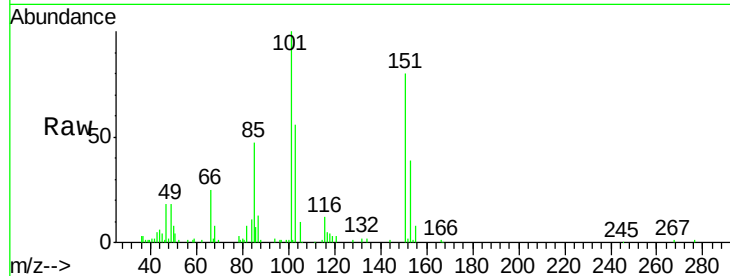
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.437 ppbv
RT: 4.49 min Scan# 529
Delta R.T. -0.00 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Instrument :
MSVOA_L
ClientSampled :
MID

Tot Ion:101 Resp: 74916
Ion Ratio Lower Upper
101 100
151 73.4 59.1 88.7

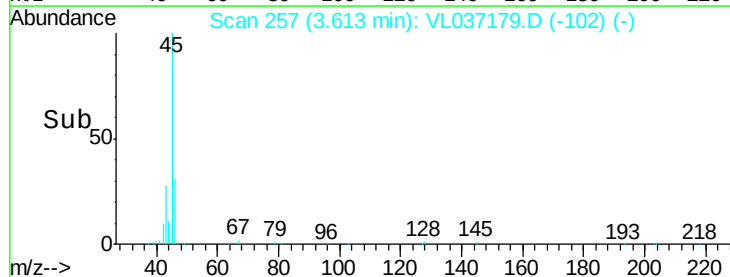
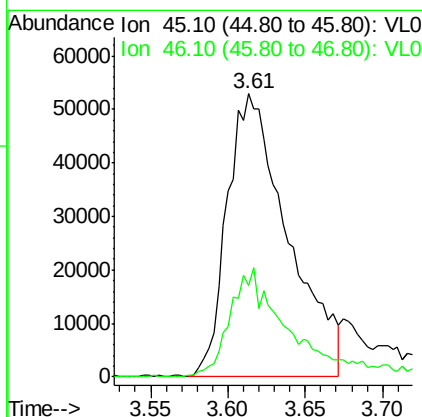
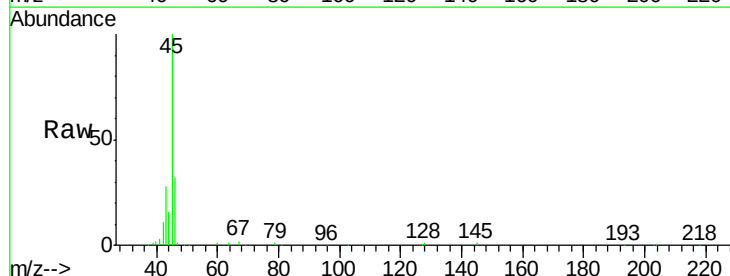
Manual Integrations
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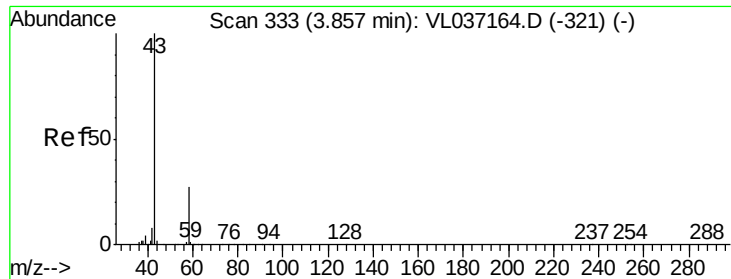
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#13
Ethanol
Concen: 11.471 ppbv
RT: 3.61 min Scan# 257
Delta R.T. -0.00 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Tgt Ion: 45 Resp: 144509
Ion Ratio Lower Upper
45 100
46 39.8 34.2 137.0





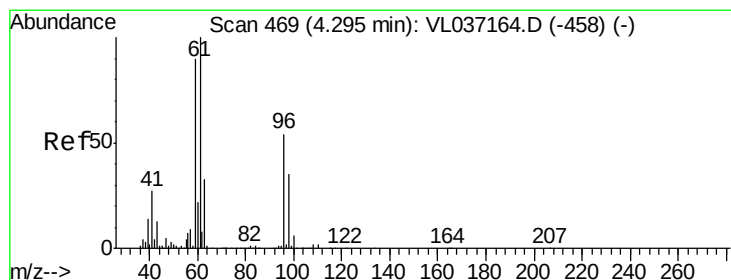
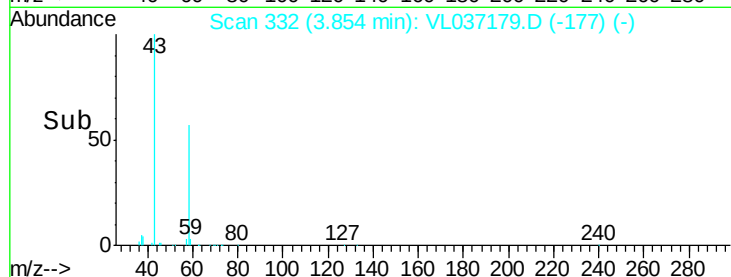
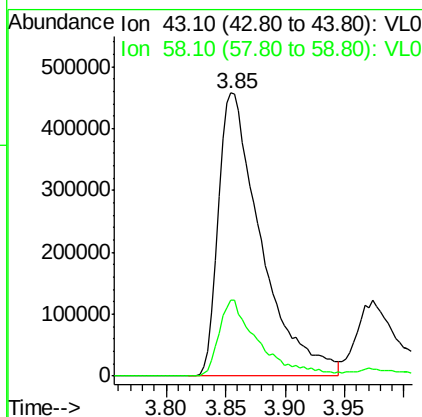
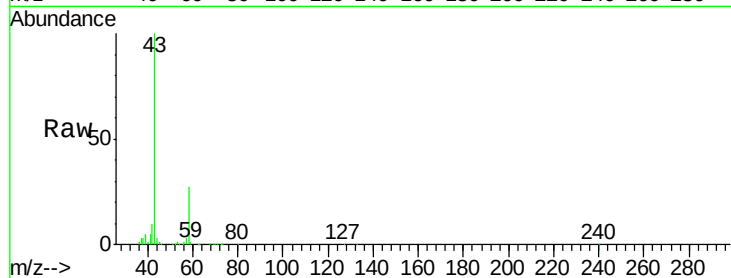
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Acetone
Concen: 7.716 ppbv
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Instrument :
MSVOA_L
ClientSampled :
MID

Tot Ion: 43 Resp: 1139725
Ion Ratio Lower Upper
43 100
58 25.2 23.7 35.5

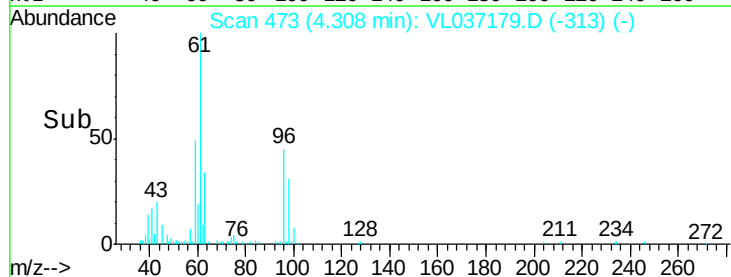
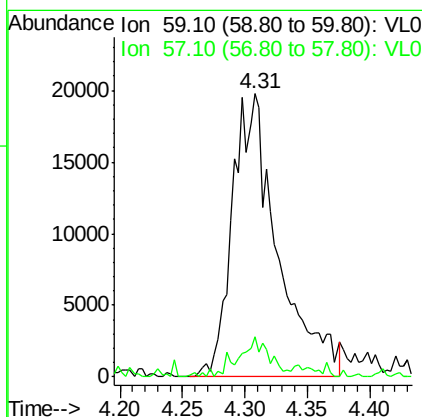
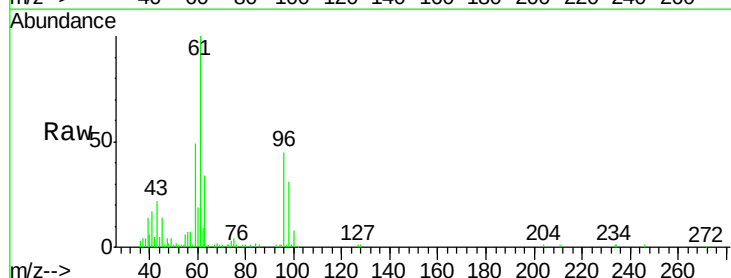
Manual Integrations
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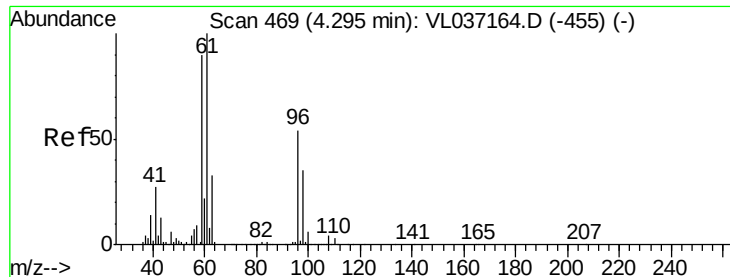
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#17
tert-Butyl alcohol
Concen: 0.367 ppbv m
RT: 4.31 min Scan# 473
Delta R.T. 0.01 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Tgt Ion: 59 Resp: 50133
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





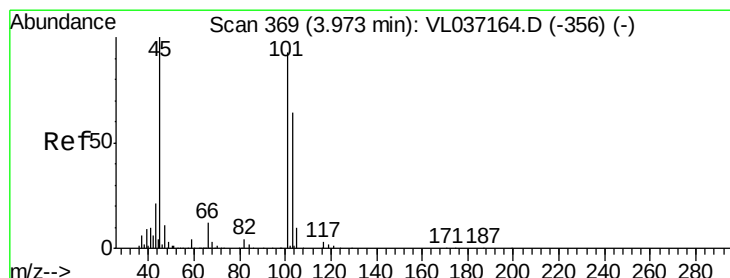
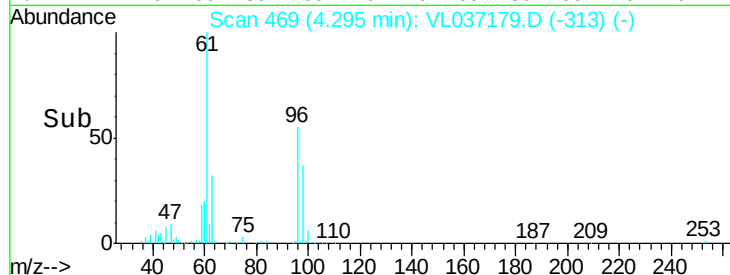
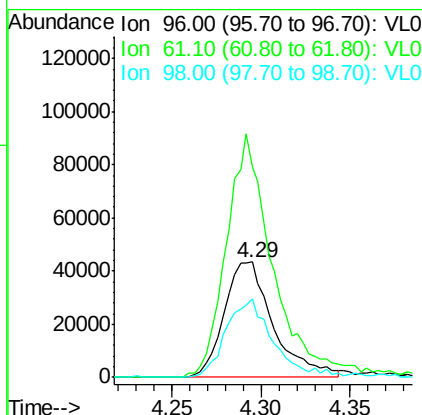
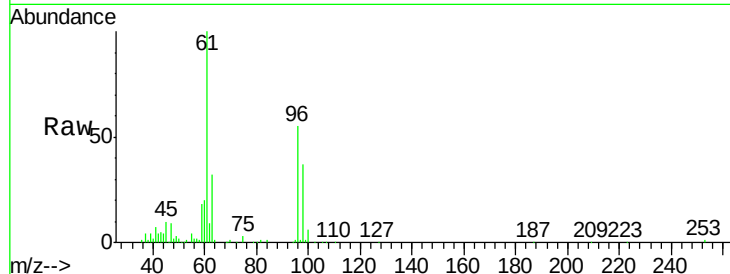
#18
 1,1-Dichloroethene
 Concen: 1.097 ppbv
 RT: 4.29 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: VL037179.D
 Acq: 16 Jun 2021 20:43

Instrument :
 MSVOA_L
 ClientSampled :
 MID

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	179.0	148.6	222.8	
98	67.8	51.9	77.9	

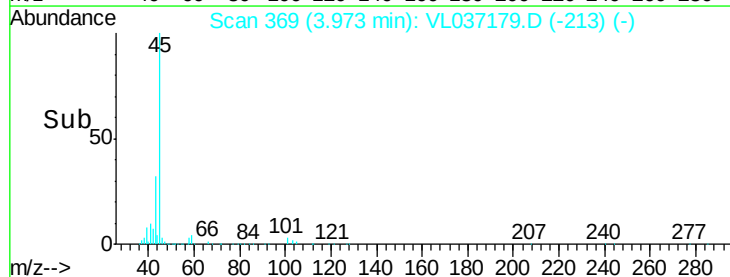
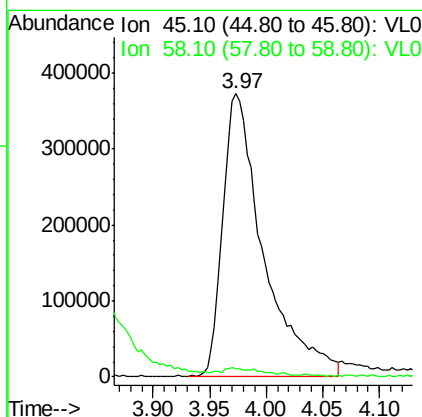
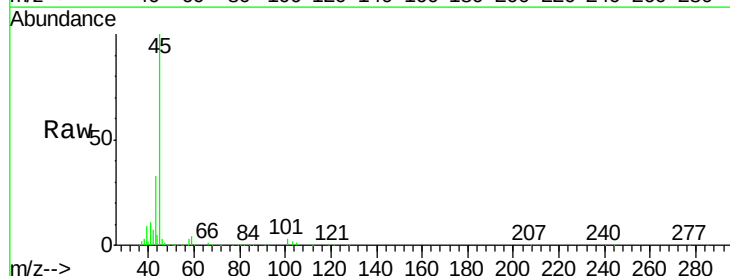
Manual Integrations
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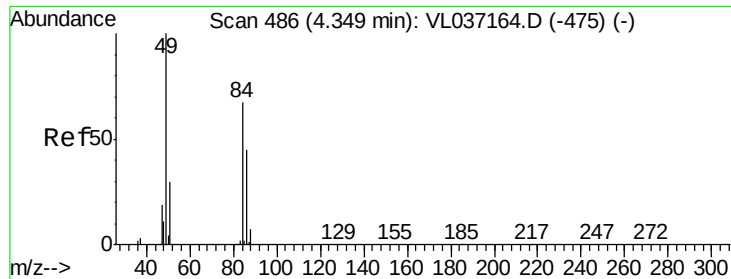
MMDadoda
 6/17/2021 5:37:47 PM



#19
 Isopropyl Alcohol
 Concen: 10.415 ppbv
 RT: 3.97 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: VL037179.D
 Acq: 16 Jun 2021 20:43

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
58	3.5	2.4	3.6	





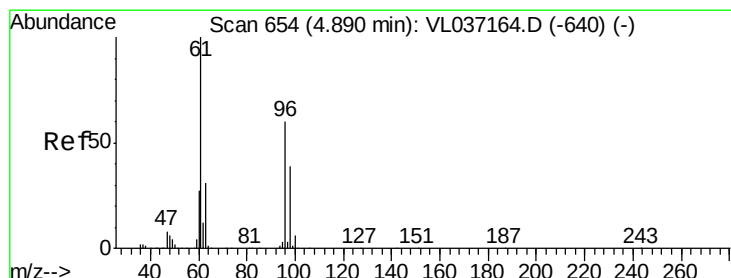
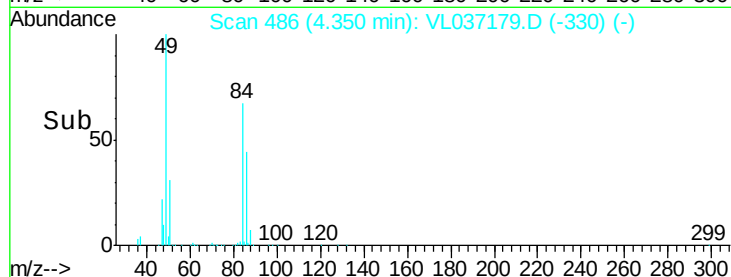
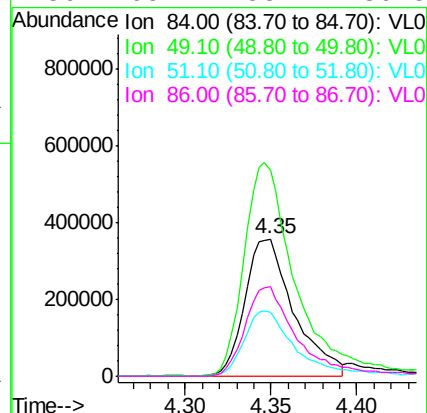
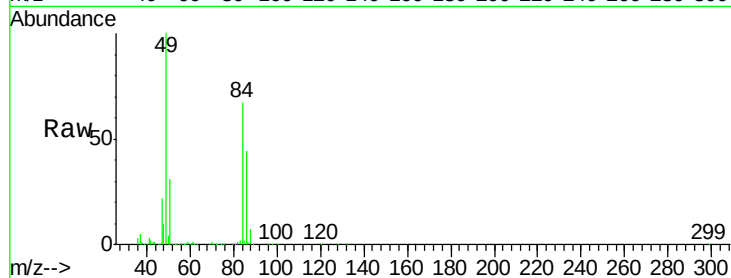
#20
Methvlene Chloride
Concen: 7.991 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.00 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Instrument :
MSVOA_L
ClientSampled :
MID

Tot Ion:	84	Resp:	706650
Ion	Ratio	Lower	Upper
84	100		
49	149.4	119.7	179.5
51	46.6	36.1	54.1
86	65.4	53.7	80.5

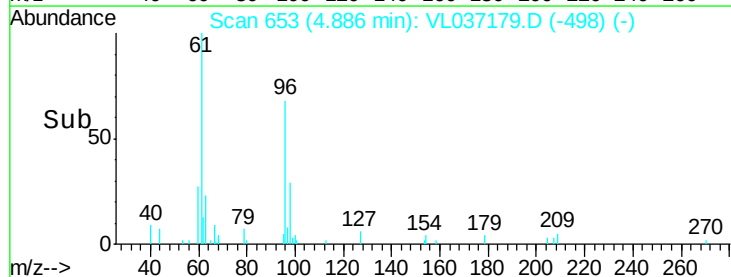
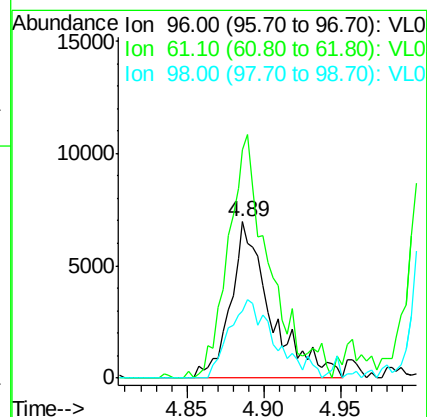
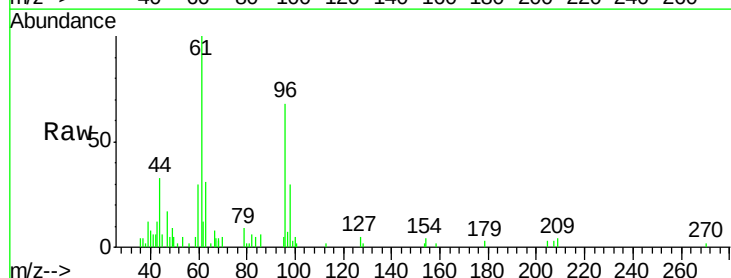
Manual Integrations
APPROVED

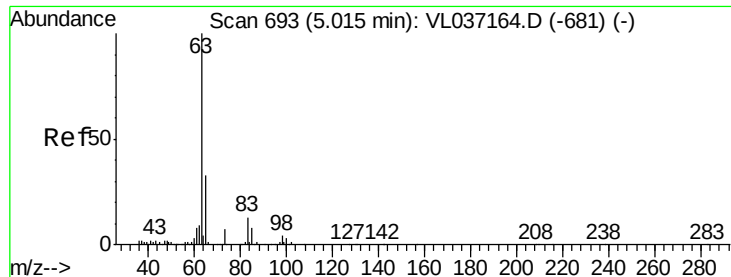
MMDadoda
6/17/2021 5:37:47 PM



#22
trans-1,2-Dichloroethene
Concen: 0.168 ppbv m
RT: 4.89 min Scan# 653
Delta R.T. -0.00 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Tgt Ion:	96	Resp:	12605
Ion	Ratio	Lower	Upper
96	100		
61	146.1	133.9	200.9
98	43.3	52.9	79.3#





#24

1,1-Dichloroethane

Concen: 2.641 ppbv

RT: 5.01 min Scan# 692

Delta R.T. -0.00 min

Lab File: VL037179.D

Acq: 16 Jun 2021 20:43

Instrument :

MSVOA_L

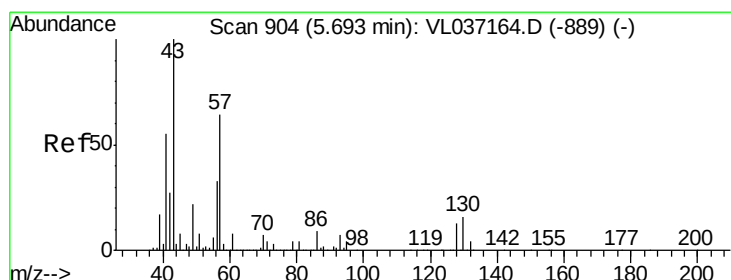
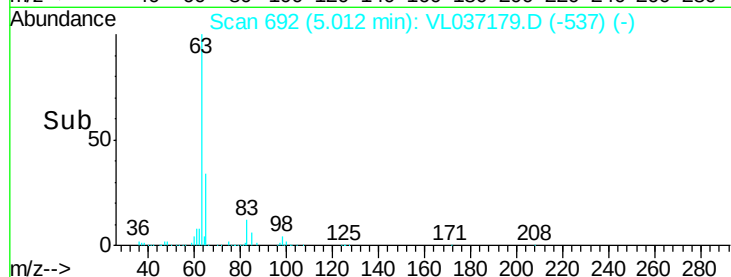
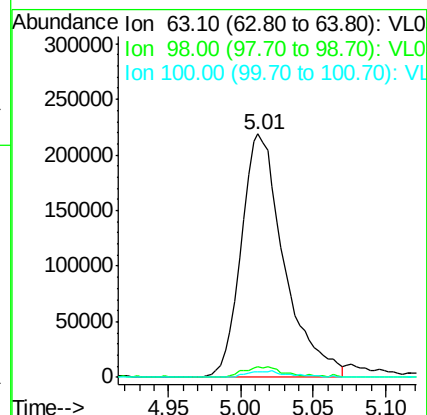
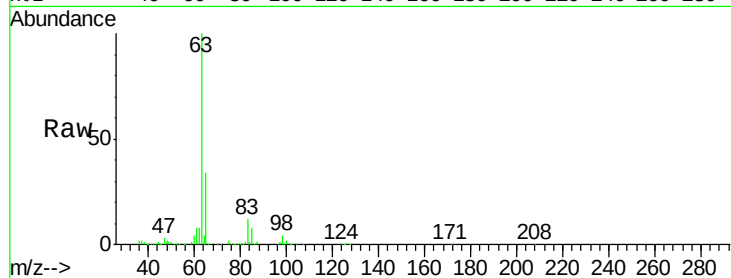
ClientSampled :

MID

Tot Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.1	6.5
100	2.2	1.4	4.0

Manual Integrations
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MMDadoda
6/17/2021 5:37:47 PM



#26

Hexane

Concen: 2.715 ppbv

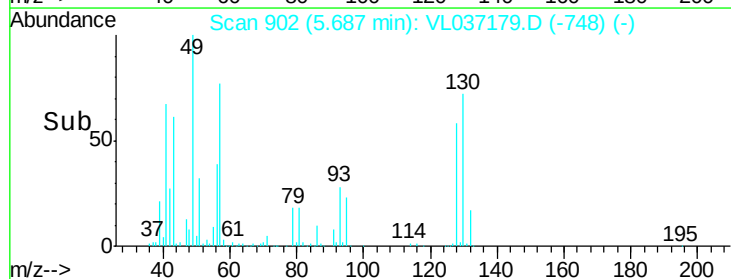
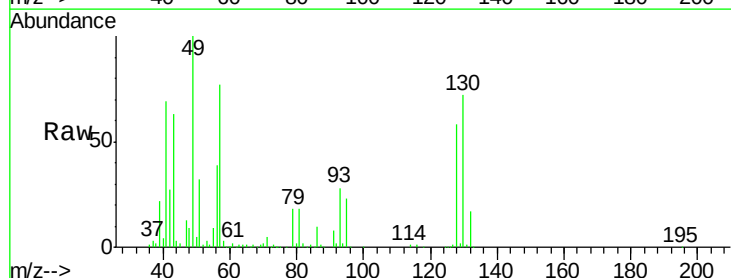
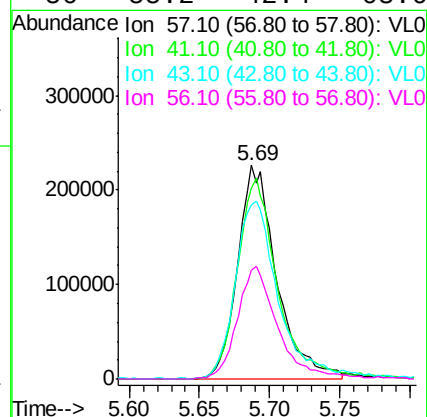
RT: 5.69 min Scan# 902

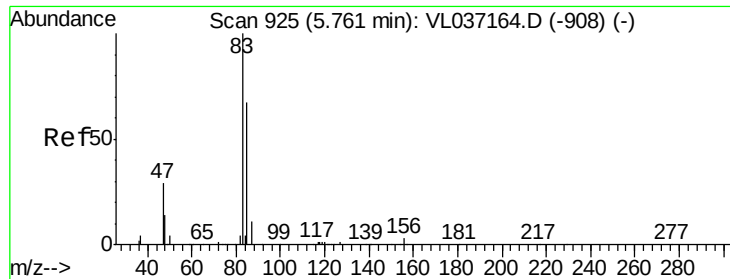
Delta R.T. -0.01 min

Lab File: VL037179.D

Acq: 16 Jun 2021 20:43

Tgt Ion	Ratio	Lower	Upper
57	100		
41	99.1	73.5	110.3
43	92.9	170.7	256.1#
56	55.2	42.4	63.6





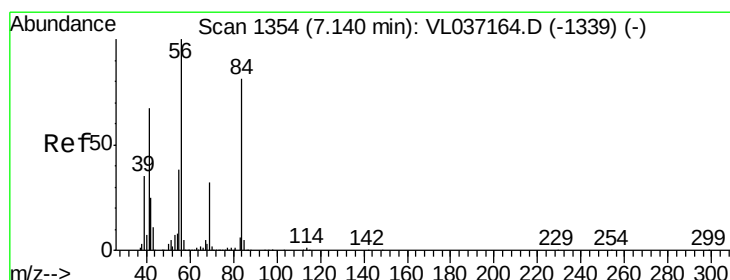
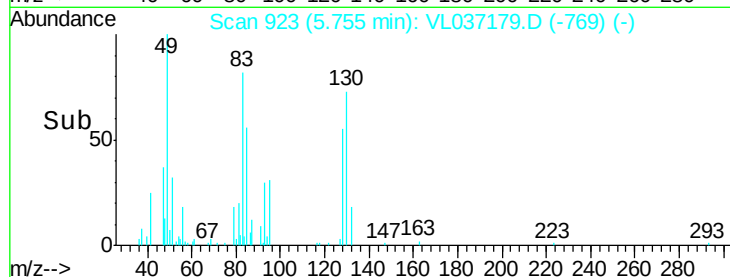
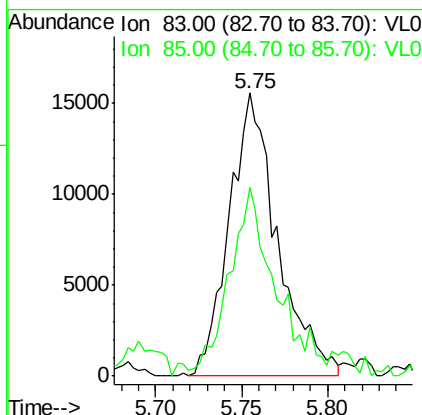
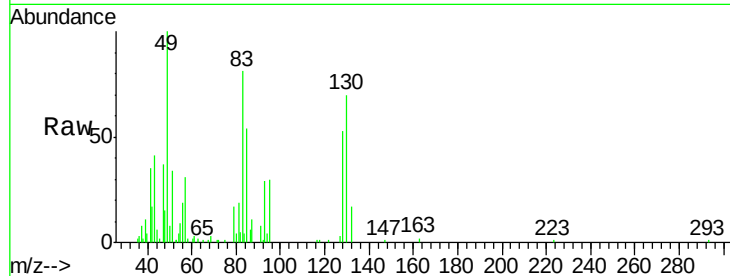
#29
Chloroform
Concen: 0.121 ppbv
RT: 5.75 min Scan# 923
Delta R.T. -0.01 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Instrument :
MSVOA_L
ClientSampled :
MID

Tot Ion: 83 Resp: 30263
Ion Ratio Lower Upper
83 100
85 64.5 53.6 80.4

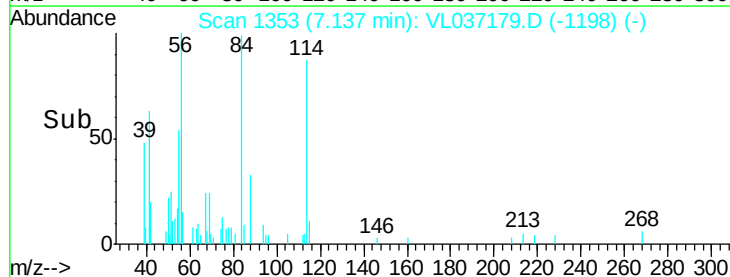
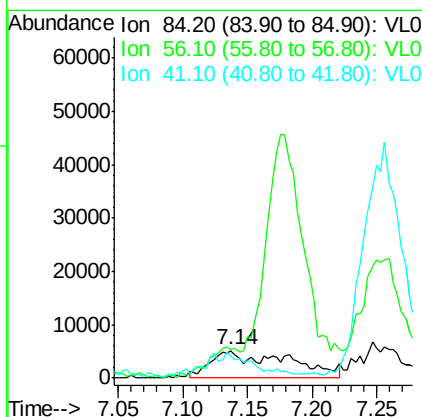
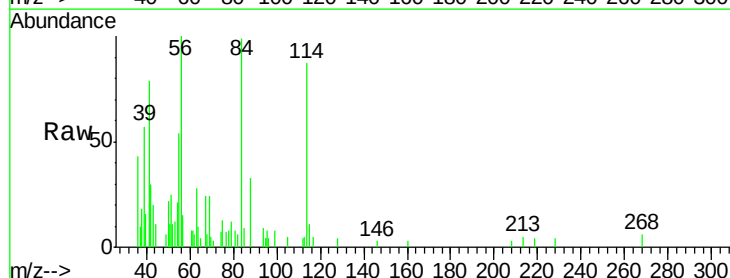
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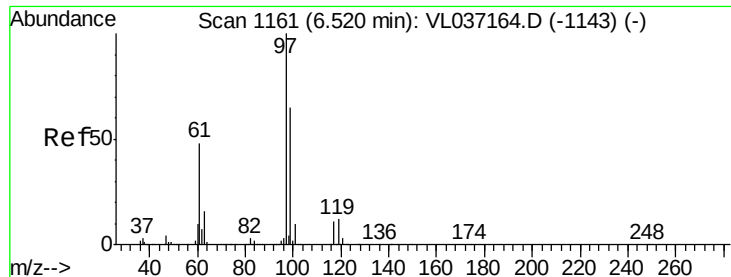
MMDadoda
6/17/2021 5:37:47 PM



#30
Cyclohexane
Concen: 0.157 ppbv m
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Tgt Ion: 84 Resp: 21085
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 58.9 69.0 103.6#





#32

1,1,1-Trichloroethane

Concen: 36.553 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. -0.01 min

Lab File: VL037179.D

Acq: 16 Jun 2021 20:43

Instrument :

MSVOA_L

ClientSampled :

MID

Tot Ion: 97 Resp: 9765024

Ion Ratio Lower Upper

97 100

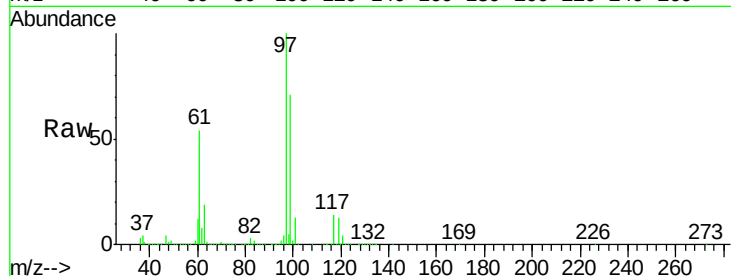
99 68.6 52.2 78.4

61 51.4 38.8 58.2

Manual Integrations
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MMDadoda

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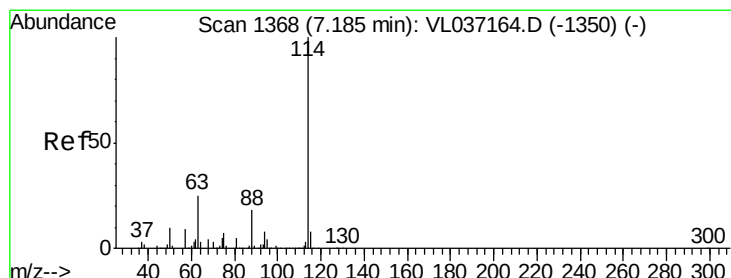
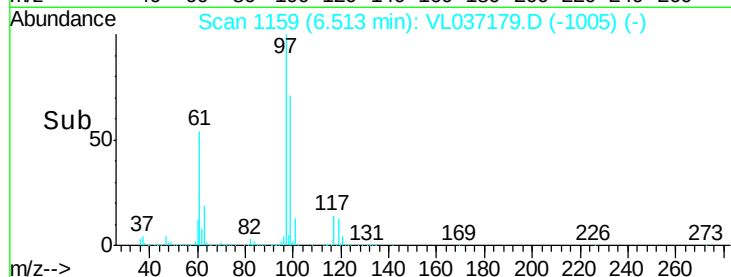
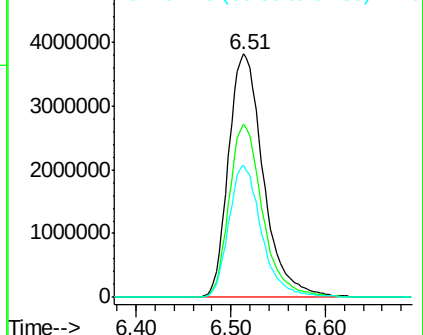


Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VL037179.D

Acq: 16 Jun 2021 20:43

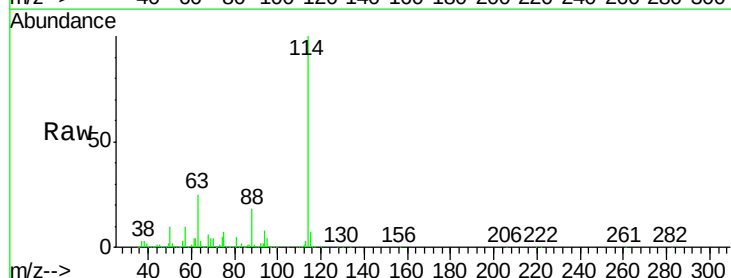
Tgt Ion: 114 Resp: 3826342

Ion Ratio Lower Upper

114 100

63 24.9 19.6 29.4

88 17.9 14.2 21.2

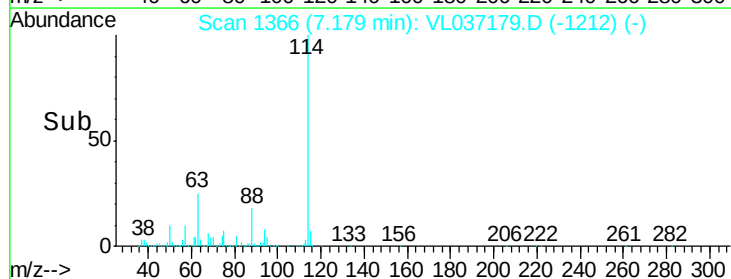
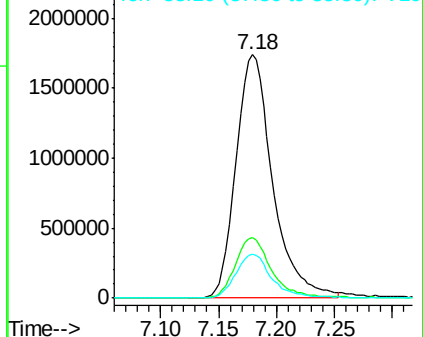


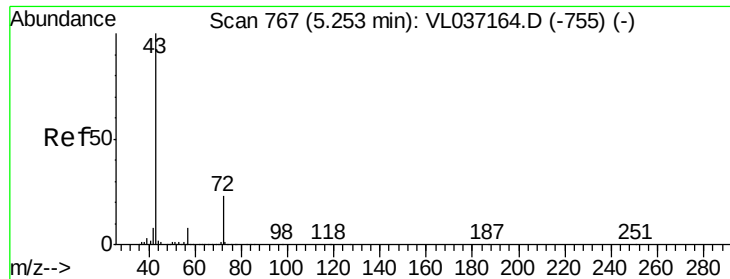
Abundance

Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





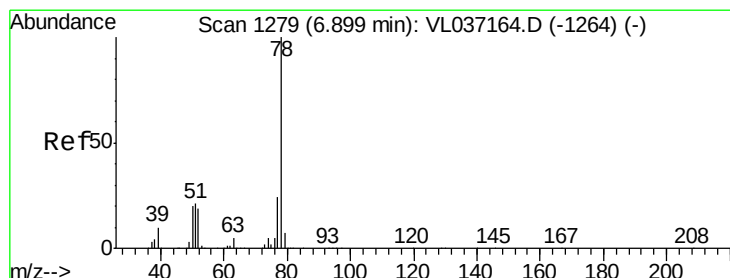
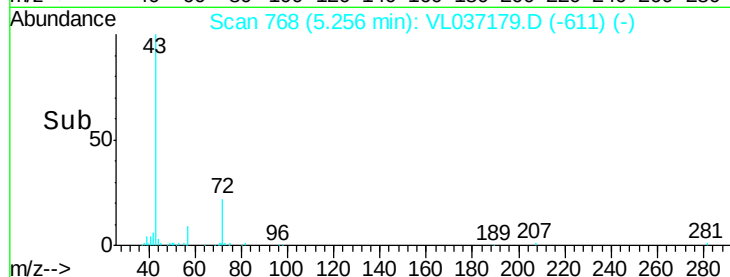
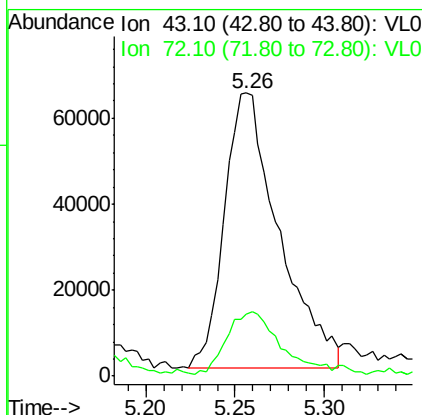
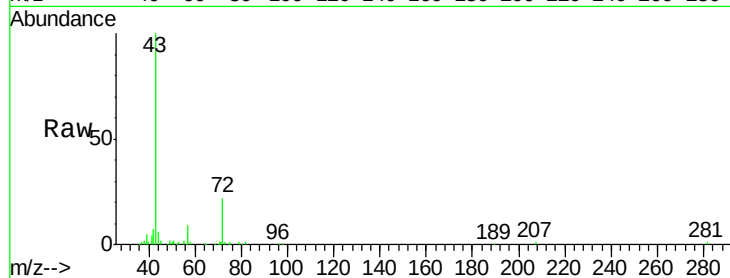
#34
2-Butanone
Concen: 0.918 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.00 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Instrument :
MSVOA_L
ClientSampled :
MID

Tot Ion: 43 Resp: 136614
Ion Ratio Lower Upper
43 100
72 25.0 18.9 28.3

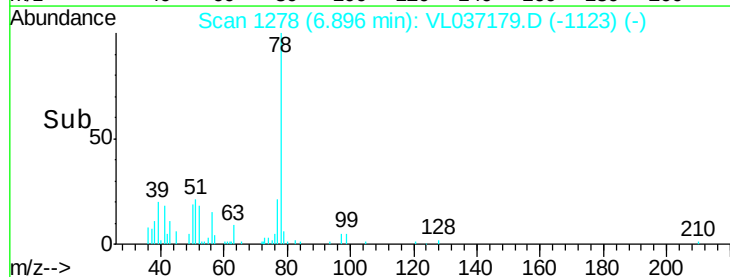
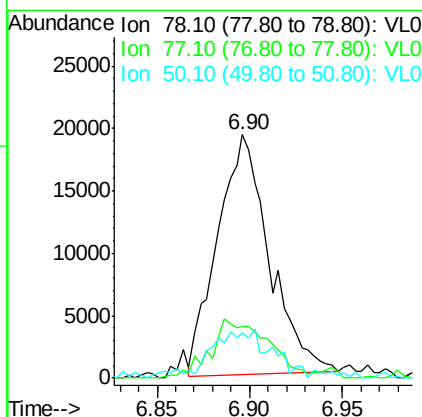
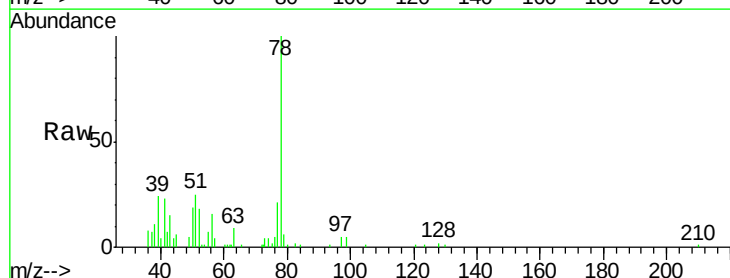
Manual Integrations
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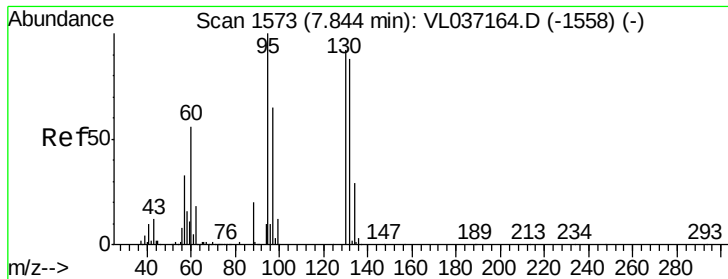
MMDadoda
6/17/2021 5:37:47 PM



#36
Benzene
Concen: 0.121 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Tgt Ion: 78 Resp: 37473
Ion Ratio Lower Upper
78 100
77 20.3 19.0 28.6
50 18.0 15.7 23.5





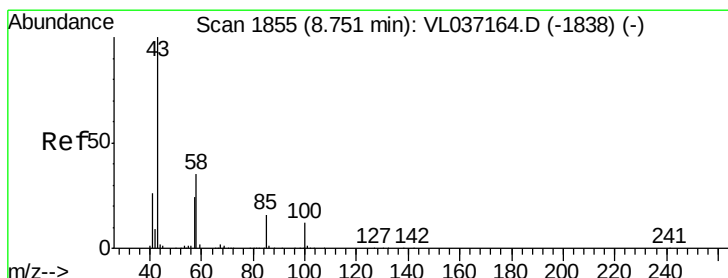
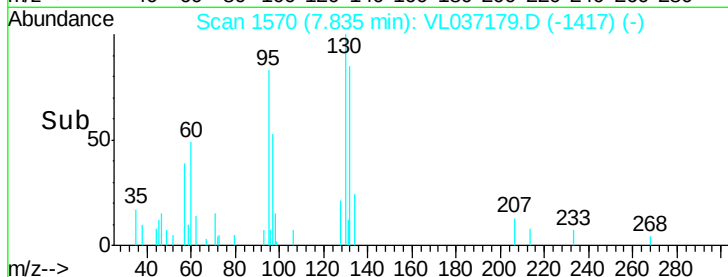
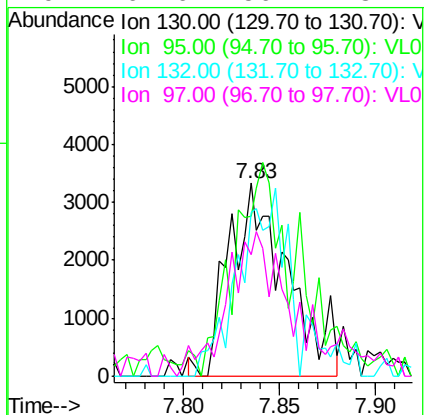
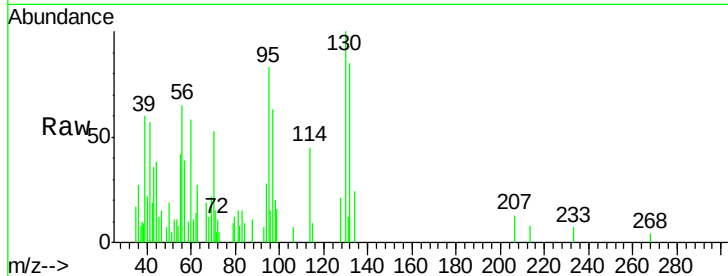
#38
 Trichloroethene
 Concen: 0.047 ppbv m
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL037179.D
 Acq: 16 Jun 2021 20:43

Instrument :
 MSVOA_L
 ClientSampled :
 MID

Tot Ion	Ratio	Lower	Upper
130	100		
95	82.7	86.6	129.8#
132	84.9	76.6	114.8
97	62.6	56.1	84.1

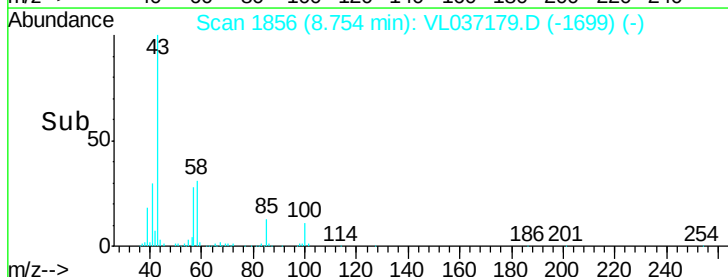
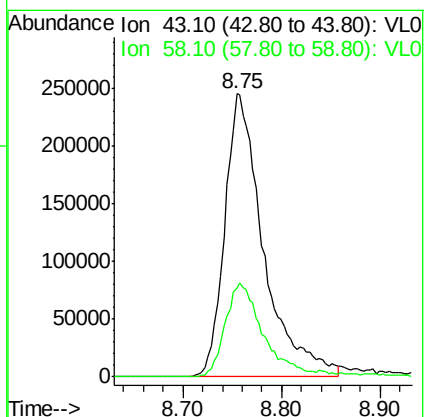
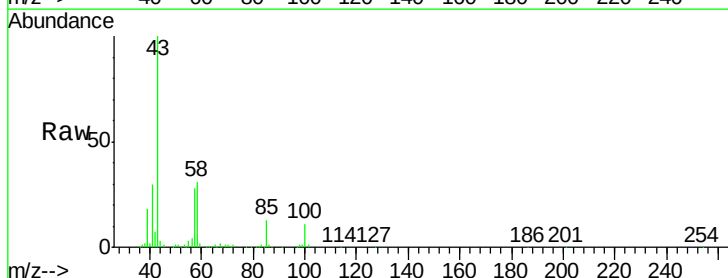
Manual Integrations
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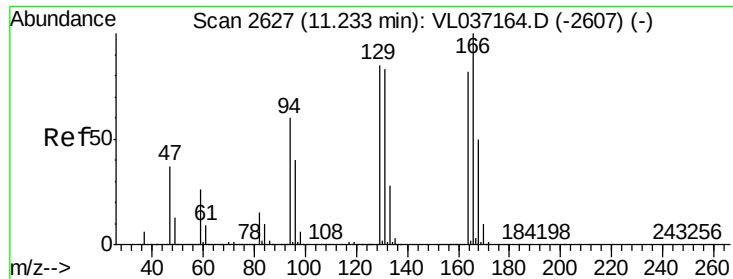
MMDadoda
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#50
 4-Methyl-2-Pentanone
 Concen: 3.281 ppbv m
 RT: 8.75 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: VL037179.D
 Acq: 16 Jun 2021 20:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.6	28.4	42.6





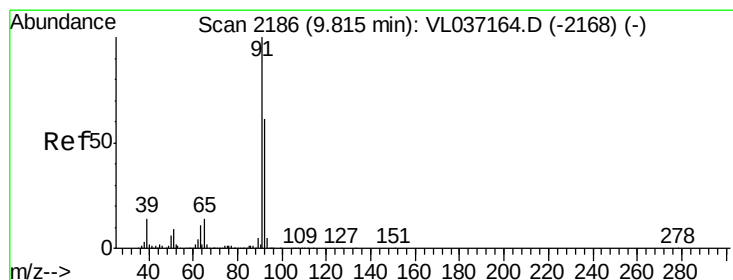
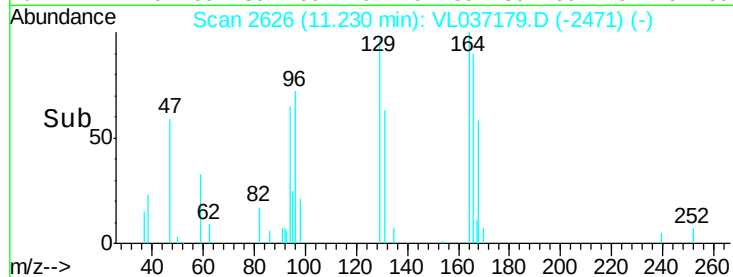
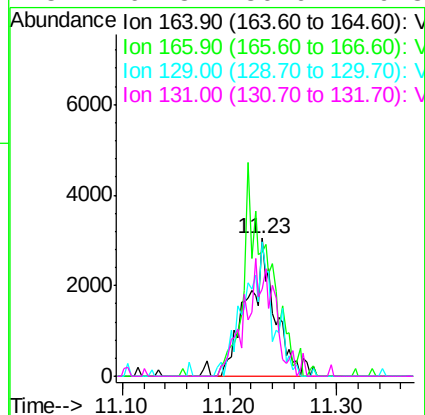
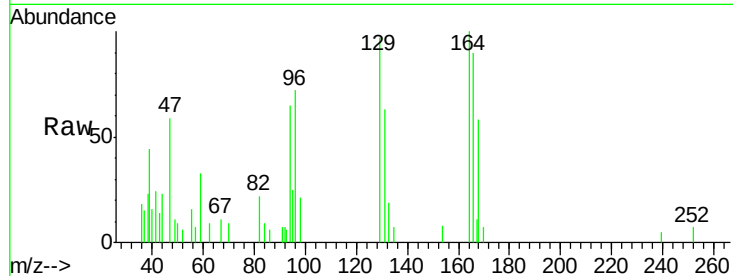
#52
Tetrachloroethene
Concen: 0.039 ppbv m
RT: 11.23 min Scan# 2626
Delta R.T. -0.00 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Instrument :
MSVOA_L
ClientSampleId :
MID

Tot Ion	Ratio	Lower	Upper
164	100		
166	89.9	97.6	146.4#
129	97.2	82.9	124.3
131	62.8	80.6	120.8#

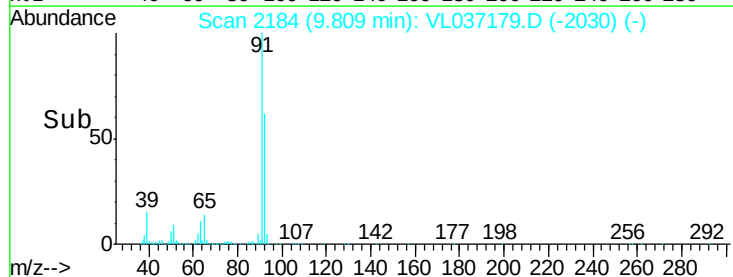
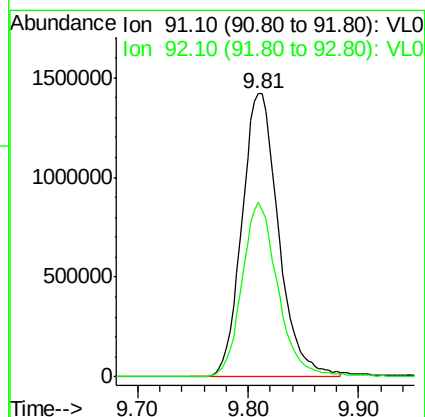
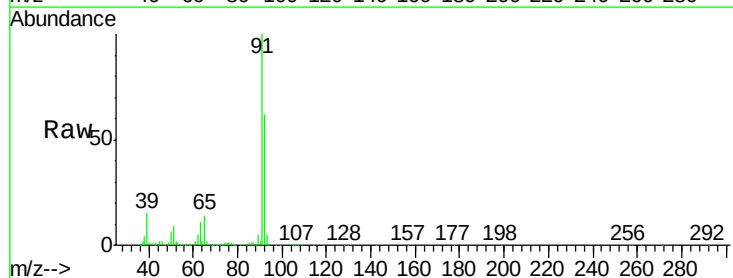
Manual Integrations
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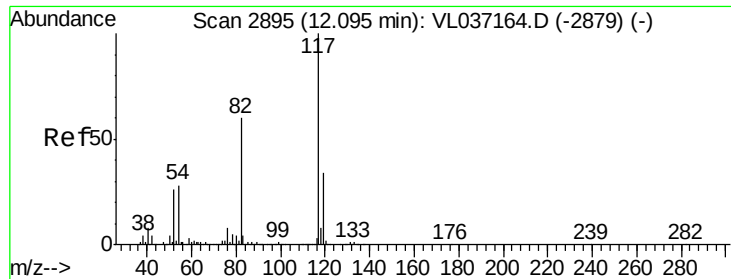
MMDadoda
6/17/2021 5:37:47 PM



#53
Toluene
Concen: 8.863 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. -0.01 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.5	48.3	72.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: VL037179.D

Acq: 16 Jun 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

MID

Tot Ion:117 Resp: 3439781

Ion Ratio Lower Upper

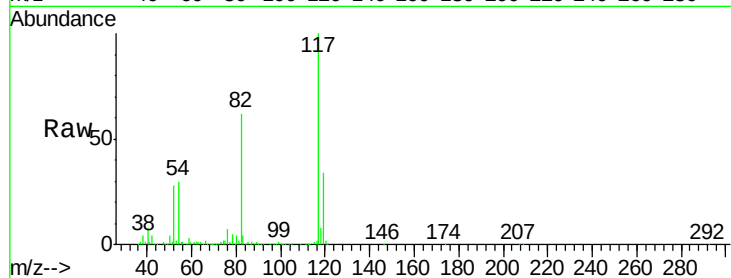
117 100

82 64.2 51.7 77.5

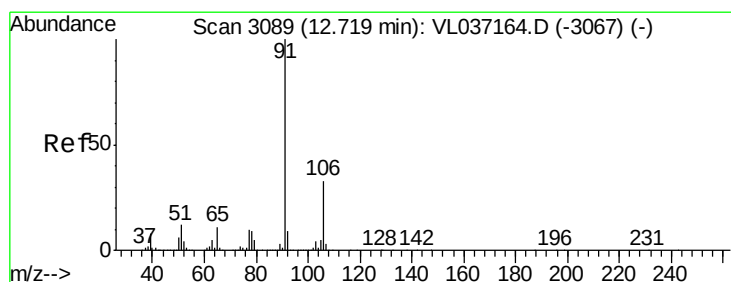
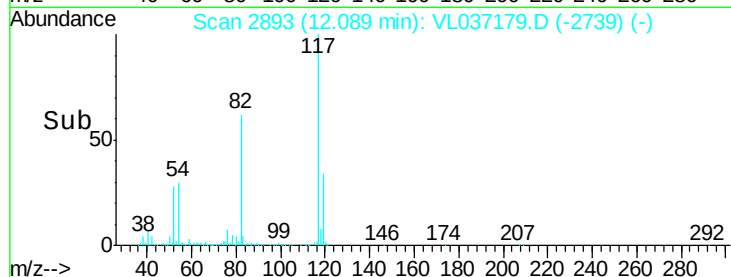
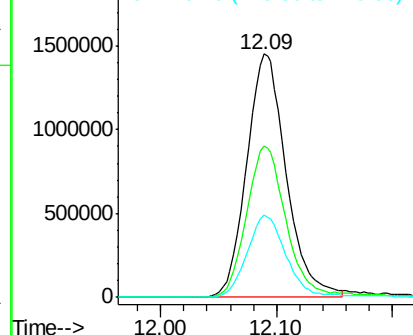
119 34.2 47.6 71.4#

Manual Integrations
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Abundance Ion 117.10 (116.80 to 117.80): V
2000000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 3.565 ppbv

RT: 12.72 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VL037179.D

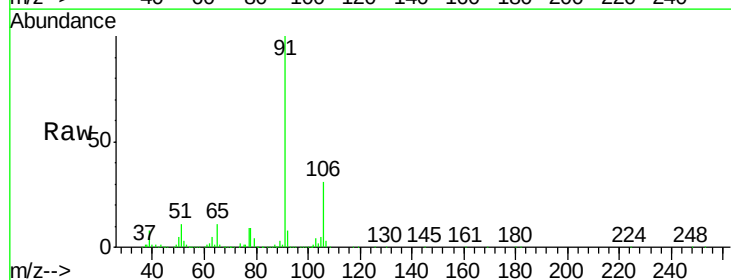
Acq: 16 Jun 2021 20:43

Tgt Ion: 91 Resp: 1687951

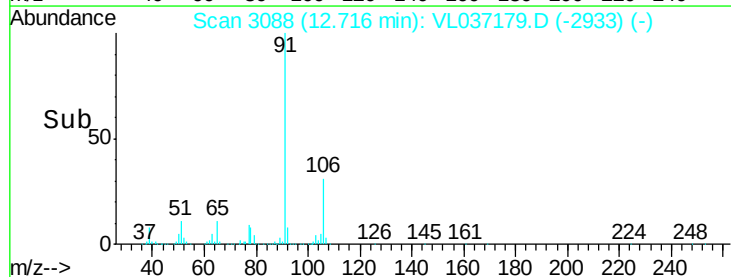
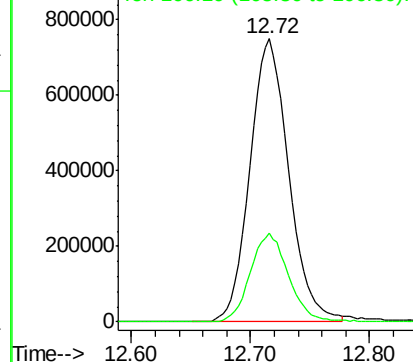
Ion Ratio Lower Upper

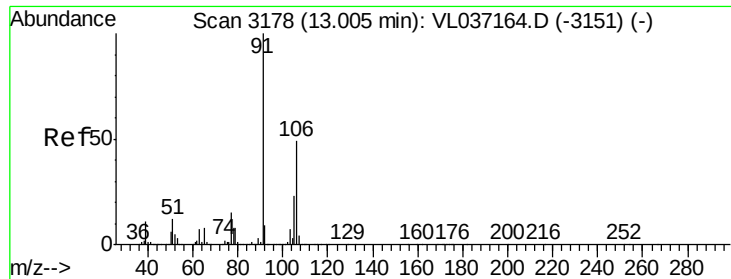
91 100

106 31.3 26.3 39.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
800000
Ion 106.10 (105.80 to 106.80): V





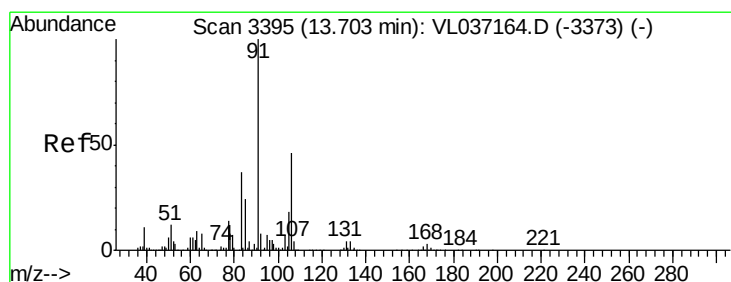
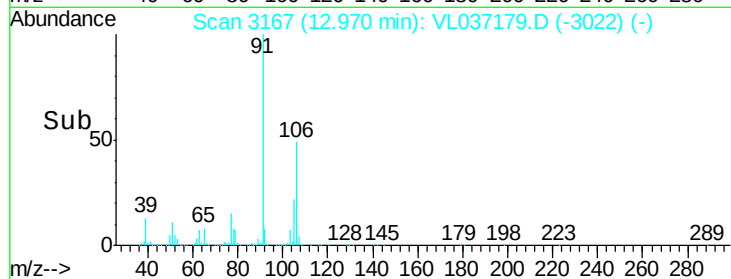
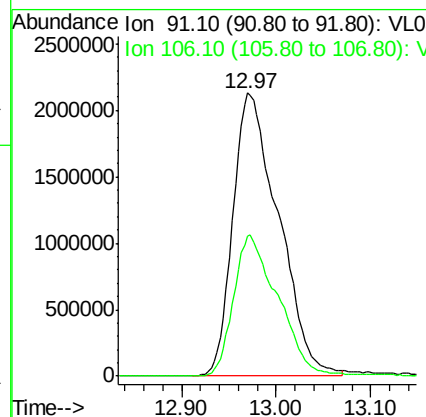
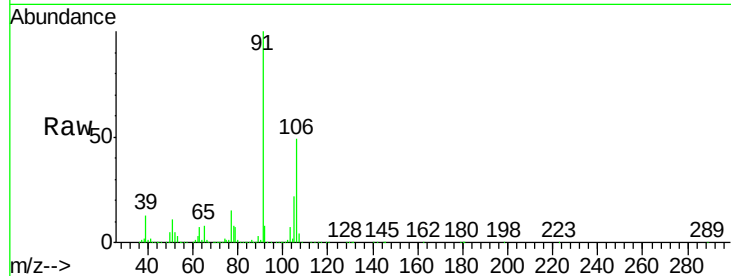
#59
m/p-Xylene
Concen: 17.699 ppbv
RT: 12.97 min Scan# 3167
Delta R.T. -0.04 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Instrument :
MSVOA_L
ClientSampled :
MID

Tot Ion: 91 Resp: 7102535
Ion Ratio Lower Upper
91 100
106 49.2 37.0 55.4

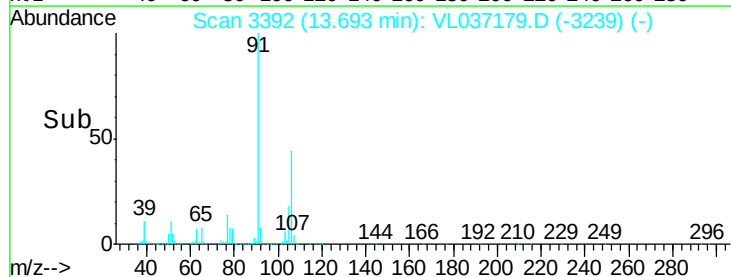
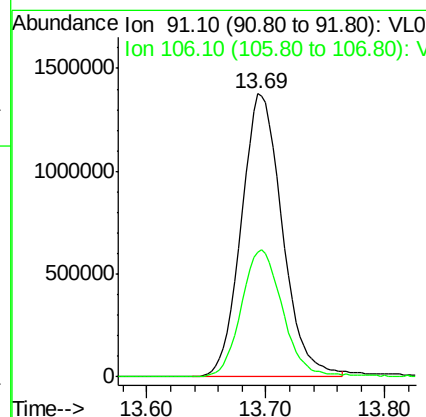
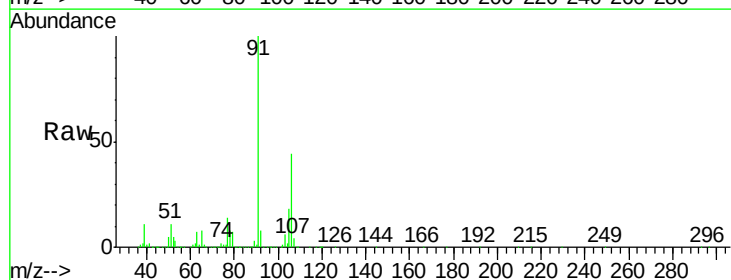
Manual Integrations
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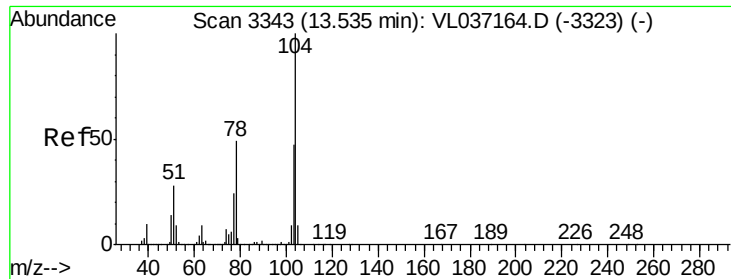
MMDadoda
6/17/2021 5:37:47 PM



#60
o-Xylene
Concen: 8.542 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Tgt Ion: 91 Resp: 3263947
Ion Ratio Lower Upper
91 100
106 46.0 23.0 69.0





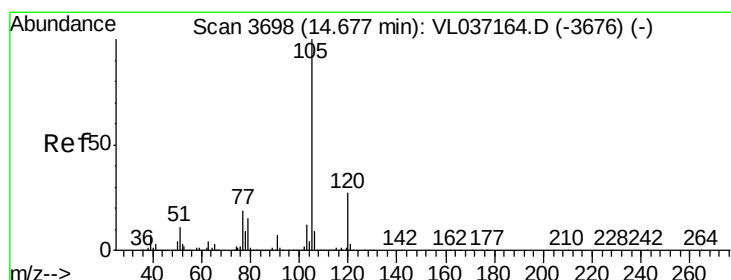
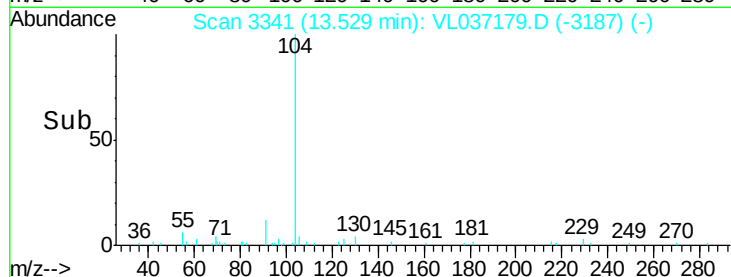
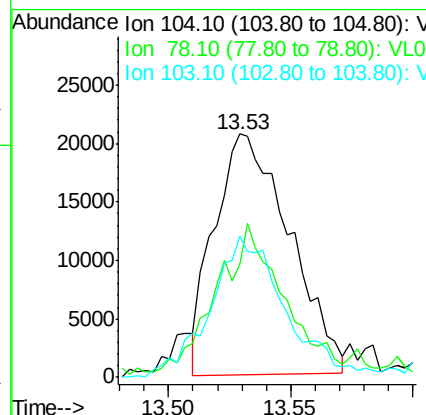
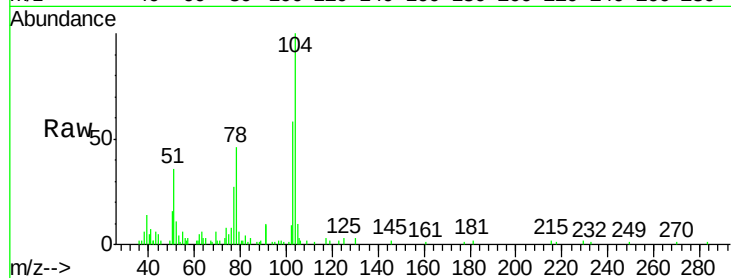
#61
Stvrene
Concen: 0.224 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Instrument :
MSVOA_L
ClientSampled :
MID

Tot Ion	Ratio	Lower	Upper
104	100		
78	67.8	39.7	59.5#
103	59.5	37.6	56.4#

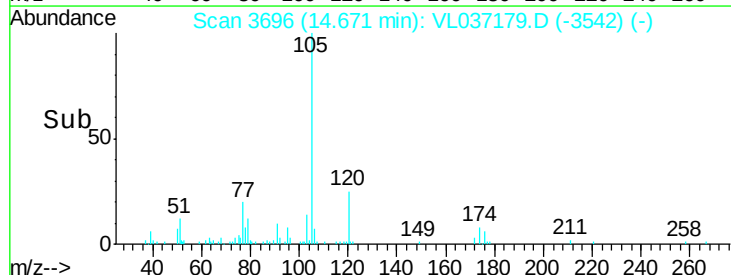
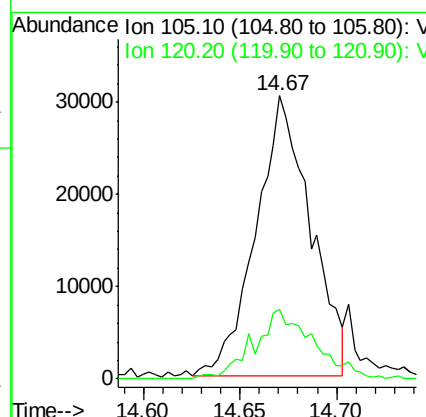
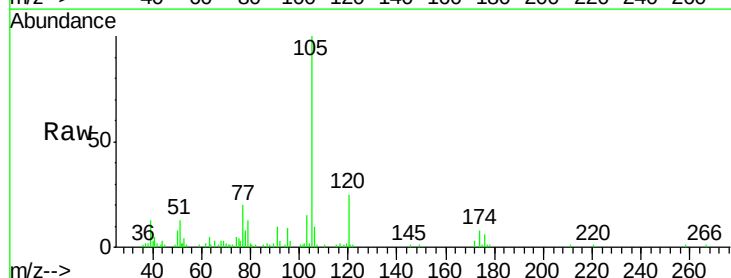
Manual Integrations
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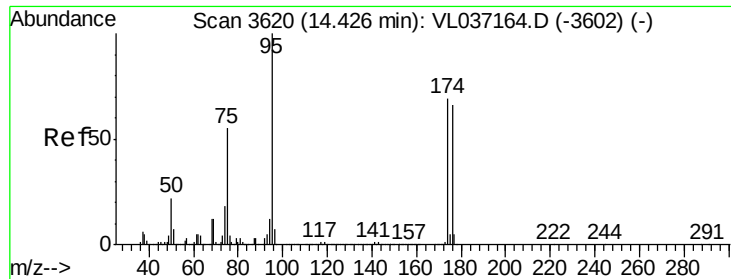
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#62
Isopropylbenzene
Concen: 0.110 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. -0.01 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.6	32.4





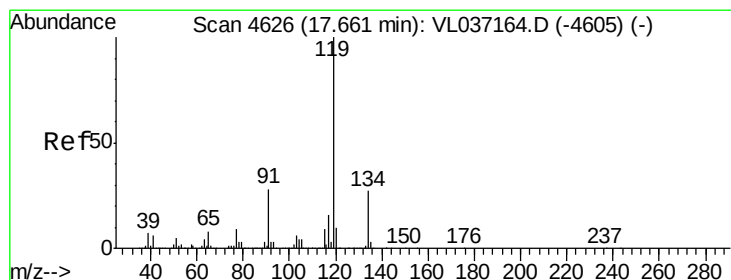
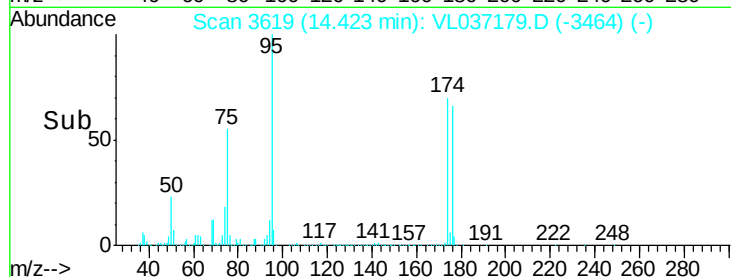
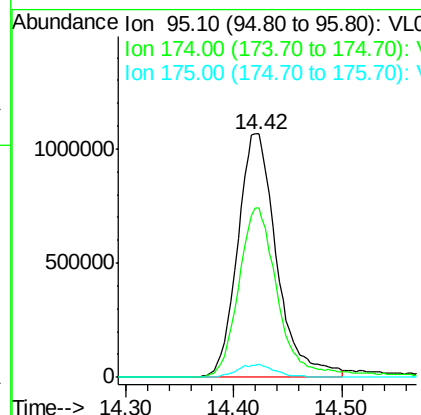
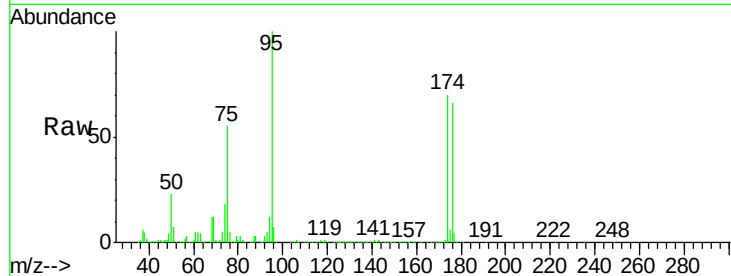
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.312 ppbv
 RT: 14.42 min Scan# 3619
 Delta R.T. -0.00 min
 Lab File: VL037179.D
 Acq: 16 Jun 2021 20:43

Instrument :
 MSVOA_L
 ClientSampled :
 MID

Tot Ion: 95 Resp: 2687976
 Ion Ratio Lower Upper
 95 100
 174 72.4 57.0 85.4
 175 5.3 4.4 6.6

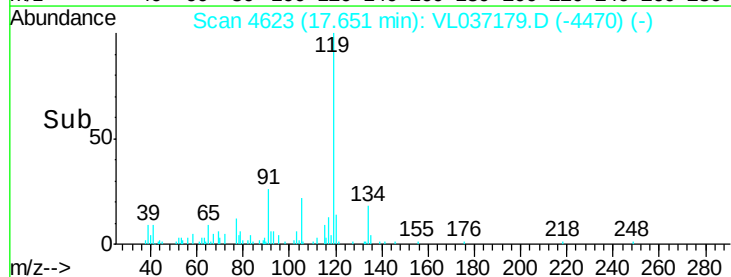
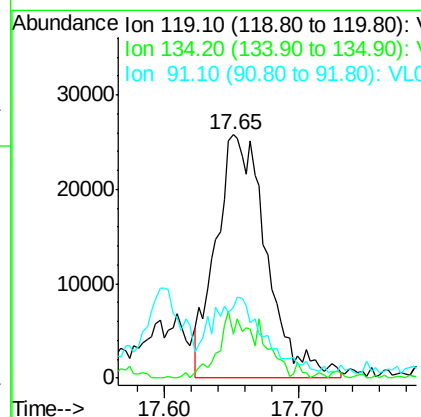
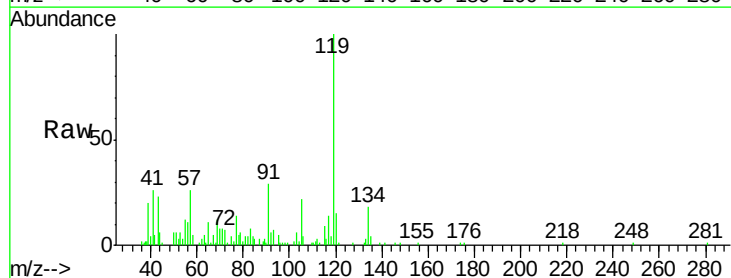
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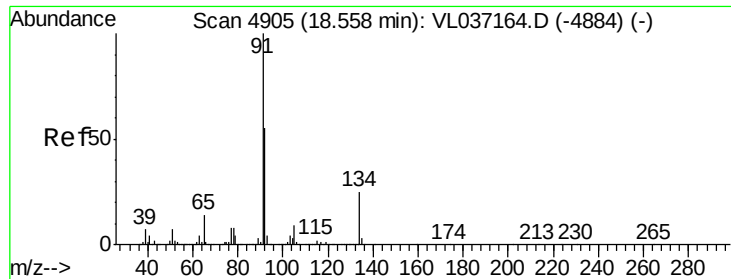
MMDadoda
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#69
 p-Isopropyltoluene
 Concen: 0.125 ppbv m
 RT: 17.65 min Scan# 4623
 Delta R.T. -0.01 min
 Lab File: VL037179.D
 Acq: 16 Jun 2021 20:43

Tgt Ion: 119 Resp: 67840
 Ion Ratio Lower Upper
 119 100
 134 23.1 20.9 31.3
 91 30.2 22.6 34.0





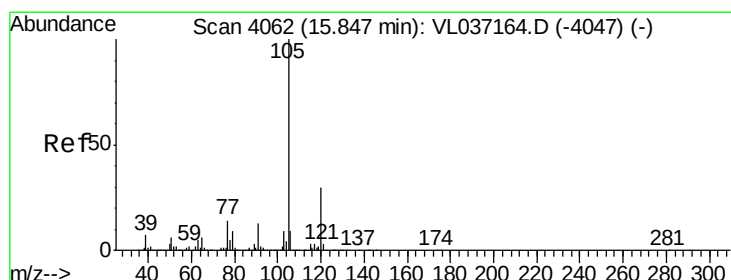
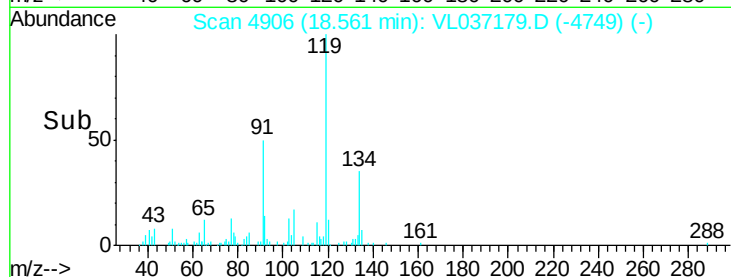
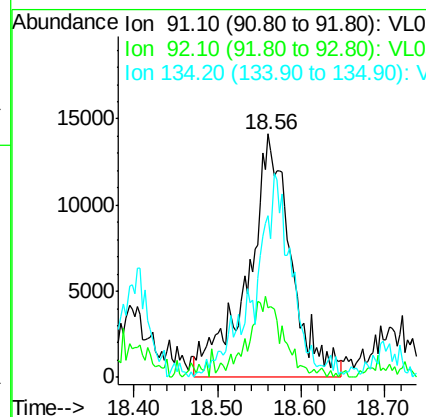
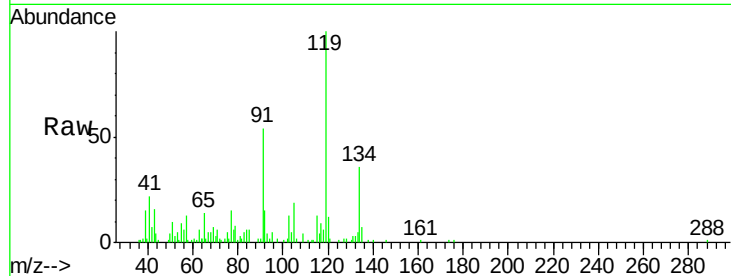
#70
n-Butylbenzene
Concen: 0.101 ppbv m
RT: 18.56 min Scan# 4906
Delta R.T. 0.00 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Instrument :
MSVOA_L
ClientSampled :
MID

Tot Ion	Ratio	Lower	Upper
91	100		
92	27.6	44.0	66.0#
134	0.0	20.2	30.4#

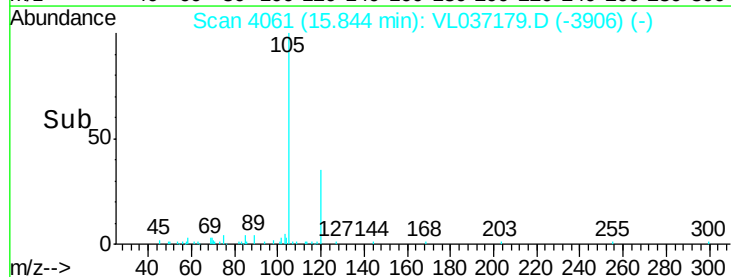
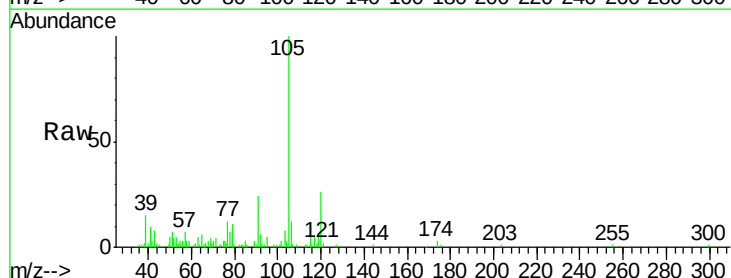
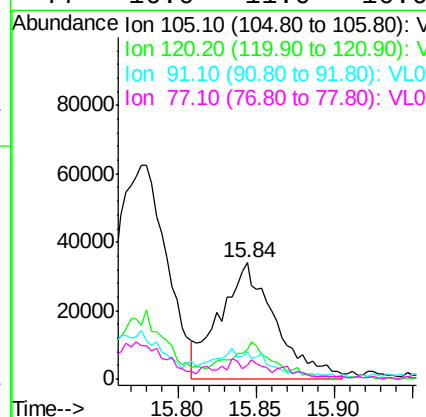
Manual Integrations
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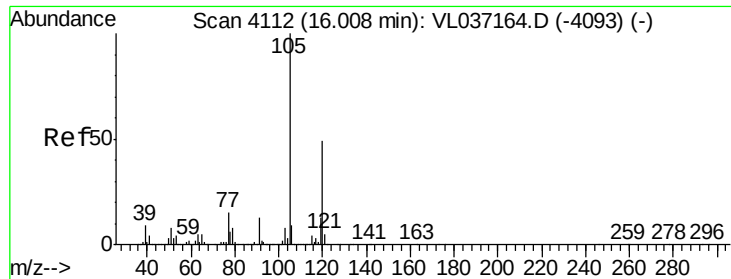
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#72
4-Ethyltoluene
Concen: 0.194 ppbv m
RT: 15.84 min Scan# 4061
Delta R.T. -0.00 min
Lab File: VL037179.D
Acq: 16 Jun 2021 20:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	24.7	37.1
91	24.3	10.2	15.4#
77	16.0	11.0	16.6





#73

1,3,5-Trimethylbenzene

Concen: 0.306 ppbv

RT: 16.00 min Scan# 4110

Delta R.T. -0.01 min

Lab File: VL037179.D

Acq: 16 Jun 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

MID

Tot Ion:105 Resp: 128205

Ion Ratio Lower Upper

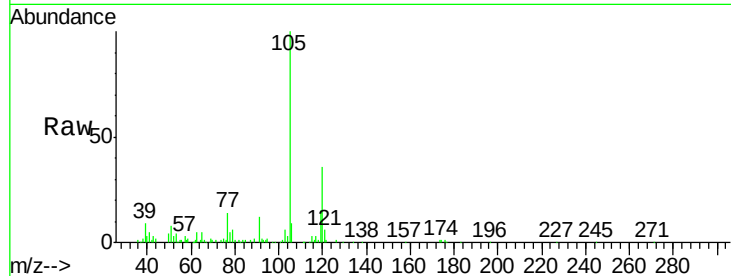
105 100

120 35.3 39.4 59.2#

Manual Integrations
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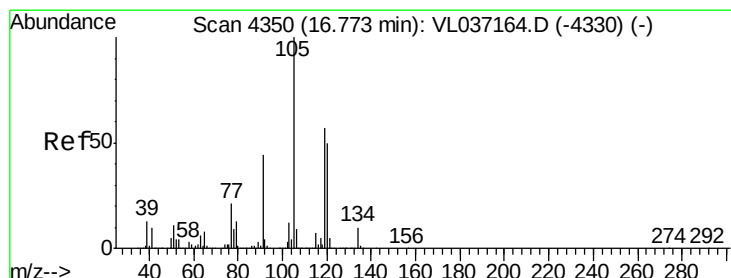
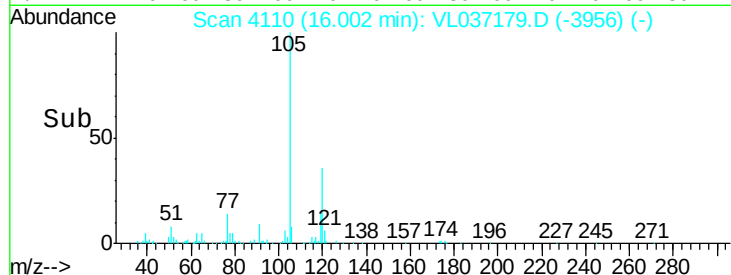
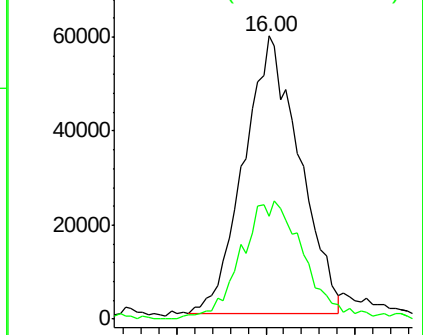
MMDadoda

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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: 0.736 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. -0.01 min

Lab File: VL037179.D

Acq: 16 Jun 2021 20:43

Tgt Ion:105 Resp: 318140

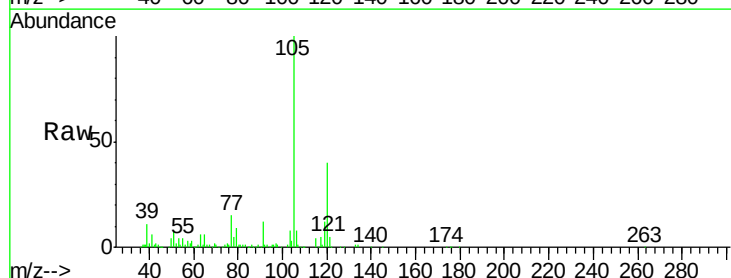
Ion Ratio Lower Upper

105 100

120 40.5 39.8 59.8

91 11.3 37.0 55.4#

77 14.2 17.0 25.4#

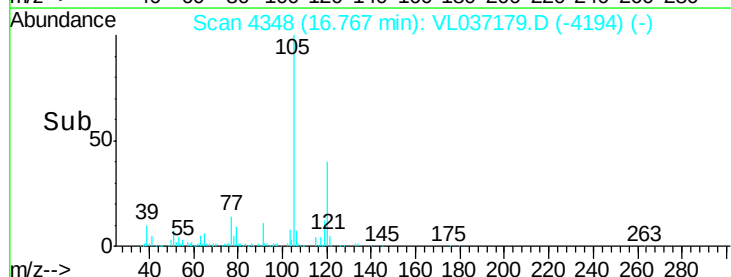
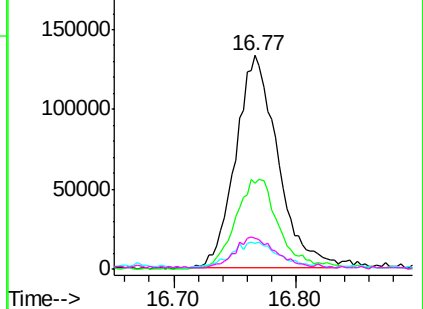


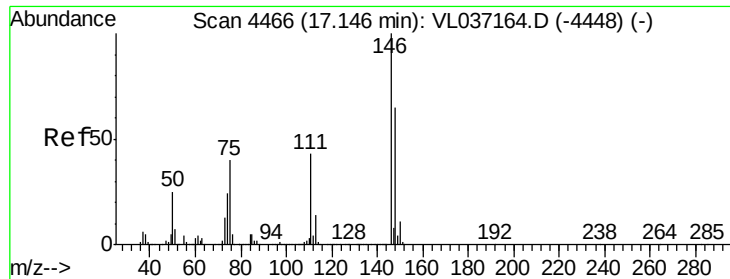
Abundance Ion 105.10 (104.80 to 105.80): V

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





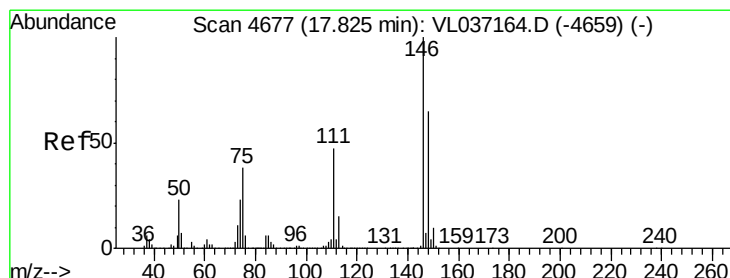
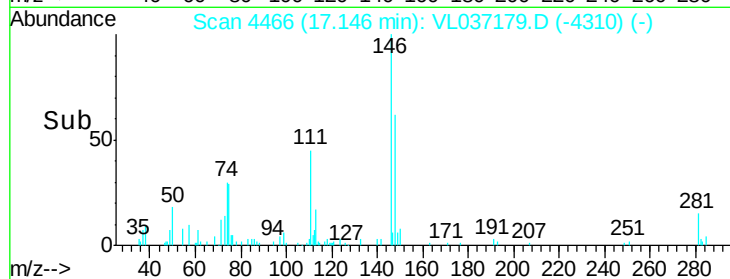
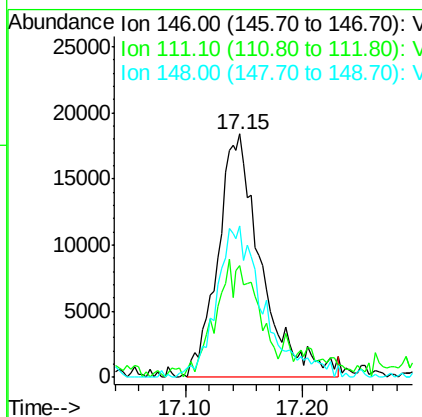
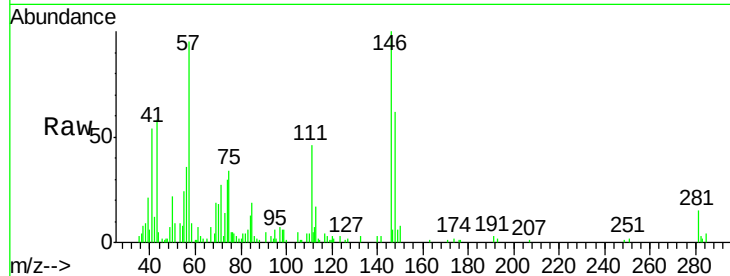
#76
 1,4-Dichlorobenzene
 Concen: 0.182 ppbv m
 RT: 17.15 min Scan# 4466
 Delta R.T. 0.00 min
 Lab File: VL037179.D
 Acq: 16 Jun 2021 20:43

Instrument :
 MSVOA_L
 ClientSampled :
 MID

Tot Ion	Ratio	Lower	Upper
146	100		
111	58.6	22.7	68.0
148	0.0	33.7	101.1#

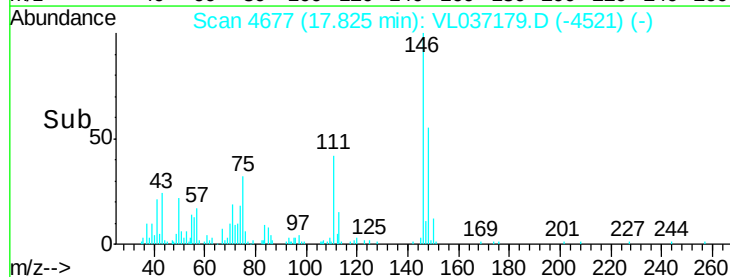
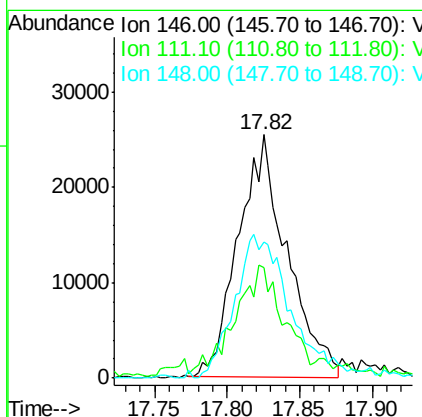
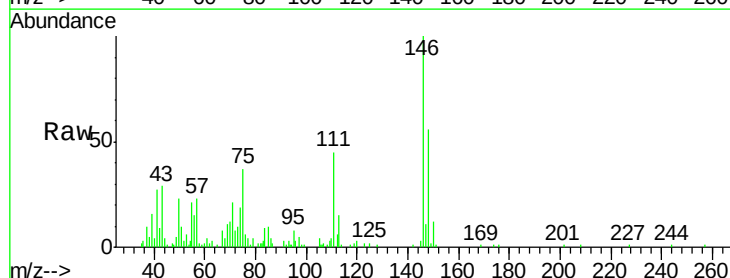
Manual Integrations
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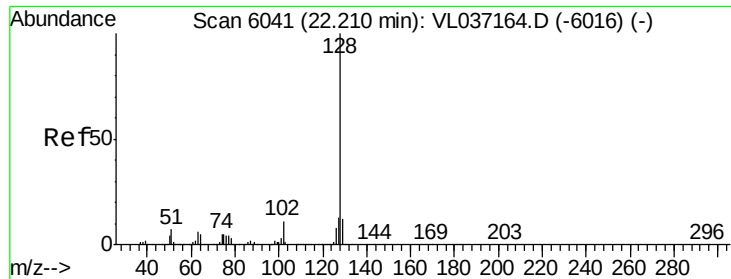
MMDadoda
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#77
 1,2-Dichlorobenzene
 Concen: 0.234 ppbv
 RT: 17.82 min Scan# 4677
 Delta R.T. 0.00 min
 Lab File: VL037179.D
 Acq: 16 Jun 2021 20:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	52.6	23.3	69.8
148	70.3	32.4	97.0





#79

Naphthalene

Concen: 0.261 ppbv m

RT: 22.20 min Scan# 6037

Delta R.T. -0.01 min

Lab File: VL037179.D

Acq: 16 Jun 2021 20:43

Instrument :

MSVOA_L

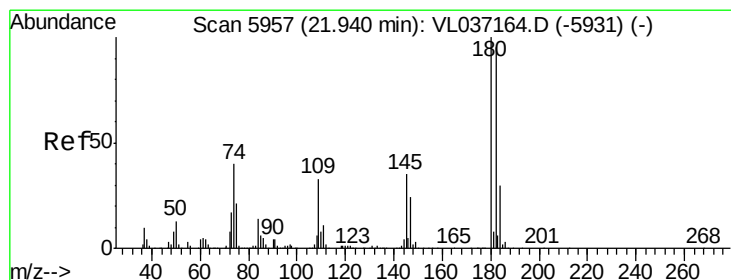
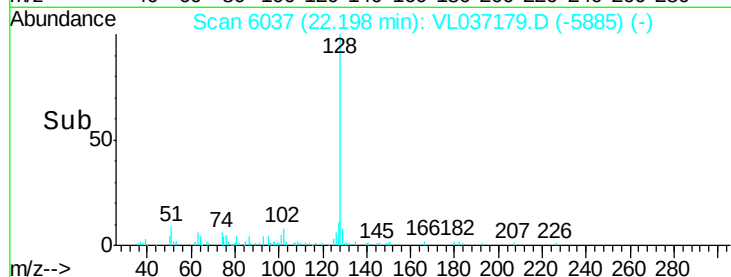
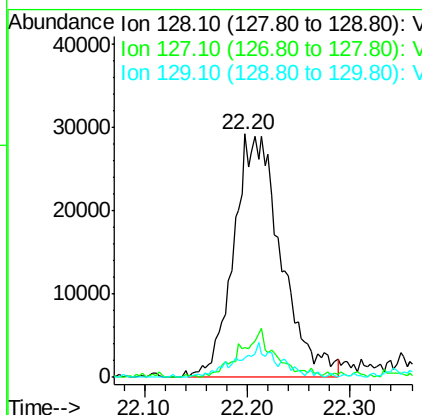
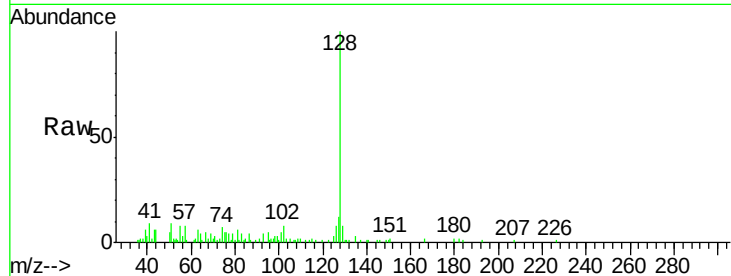
ClientSampled :

MID

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.7	16.1
129	8.2	9.3	13.9#

Manual Integrations
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#81

1,2,4-Trichlorobenzene

Concen: 0.356 ppbv m

RT: 21.94 min Scan# 5956

Delta R.T. -0.00 min

Lab File: VL037179.D

Acq: 16 Jun 2021 20:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	79.3	118.9#
184	0.0	24.7	37.1#

