

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL037008.D
 Acq On : 20 May 2021 1:47
 Operator : SY/AP
 Sample : M2424-14
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSS-01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:02:25 PM

Quant Time: May 20 08:28:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1075003	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3108738	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	2869058	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2188803	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	34781	0.191	ppbv	97
3) Chlorodifluoromethane	2.97	51	51844	0.263	ppbv #	86
4) Chloromethane	3.12	50	17372m	0.259	ppbv	
7) Chloroethane	3.54	64	3385	0.142	ppbv	91
9) Propene	3.00	41	231145	3.278	ppbv	84
10) Heptane	8.10	43	63218	0.360	ppbv	93
11) Trichlorofluoromethane	3.93	101	51886	0.307	ppbv	95
13) Ethanol	3.60	45	1377107	146.356	ppbv	95
15) Acetone	3.83	43	7286985	66.180	ppbv	99
17) tert-Butyl alcohol	4.29	59	79072	0.784	ppbv #	91
19) Isopropyl Alcohol	3.96	45	198156	3.348	ppbv #	1
20) Methylene Chloride	4.32	84	1409962	23.888	ppbv	99
24) 1,1-Dichloroethane	4.99	63	41223	0.328	ppbv	98
26) Hexane	5.66	57	1322733	9.786	ppbv #	44
27) Carbon Disulfide	4.53	76	137011	1.006	ppbv	98
29) Chloroform	5.73	83	185207	0.970	ppbv	91
30) Cyclohexane	7.10	84	22327	0.194	ppbv #	71
32) 1,1,1-Trichloroethane	6.48	97	499931	2.438	ppbv	98
34) 2-Butanone	5.22	43	490983	4.337	ppbv	97
35) Carbon Tetrachloride	7.00	117	9163m	0.044	ppbv	
36) Benzene	6.86	78	226502	0.846	ppbv	96
44) 2,2,4-Trimethylpentane	7.85	57	71617	0.156	ppbv #	42
50) 4-Methyl-2-Pentanone	8.73	43	58190	0.312	ppbv	95
51) 2-Hexanone	10.12	43	82307m	0.833	ppbv	
52) Tetrachloroethene	11.19	164	194260	1.824	ppbv	98
53) Toluene	9.78	91	1372267	4.307	ppbv	98
58) Ethyl Benzene	12.68	91	148528	0.367	ppbv	98
59) m/p-Xylene	12.94	91	246811	0.737	ppbv	97
60) o-Xylene	13.66	91	102558	0.321	ppbv	98
61) Styrene	13.50	104	55575m	0.309	ppbv	
64) n-propylbenzene	15.53	120	16341m	0.138	ppbv	
72) 4-Ethyltoluene	15.82	105	89687	0.237	ppbv #	89
73) 1,3,5-Trimethylbenzene	15.97	105	114931	0.323	ppbv	95
74) 1,2,4-Trimethylbenzene	16.74	105	321179	0.873	ppbv #	71

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

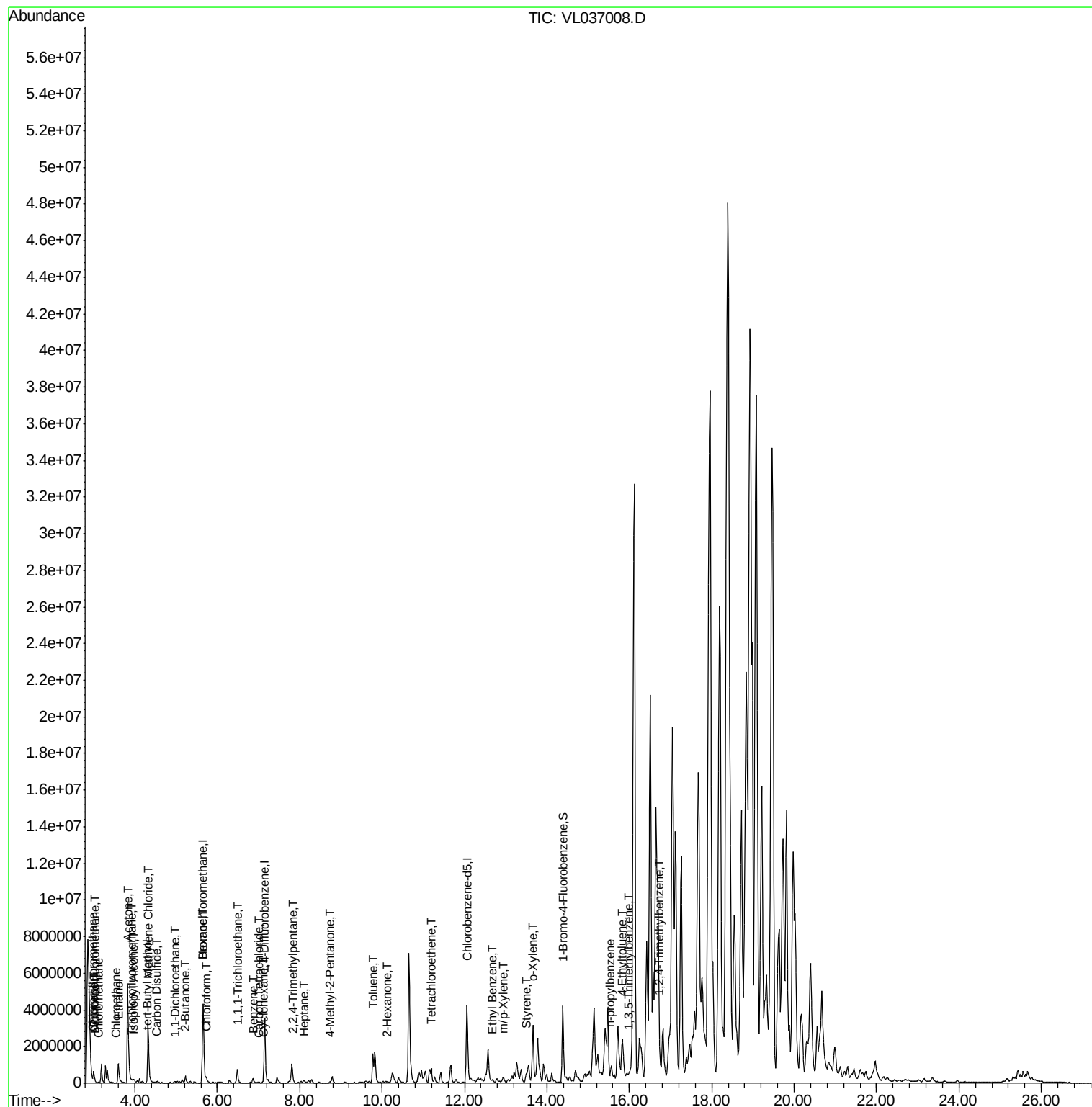
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
Data File : VL037008.D
Acq On : 20 May 2021 1:47
Operator : SY/AP
Sample : M2424-14
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

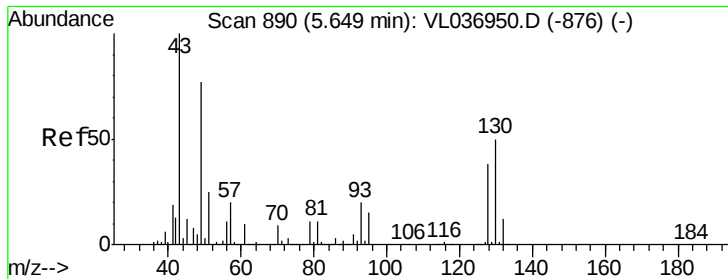
Instrument :
MSVOA_L
ClientSampleId :
KSS-01

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5/24/2021 3:02:25 PM

Quant Time: May 20 08:28:15 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.00 min

Lab File: VL037008.D

Acq: 20 May 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

KSS-01

Tot Ion: 49 Resp: 1075003

Ion Ratio Lower Upper

49 100

128 52.8 26.9 80.7

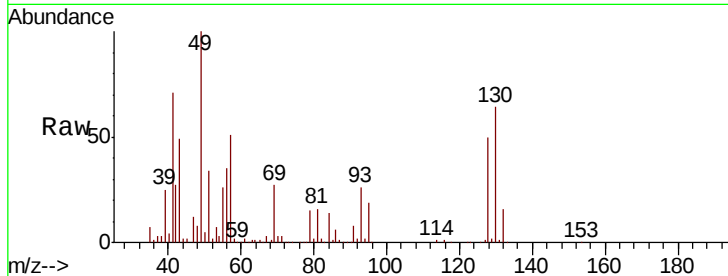
130 67.7 33.8 101.4

Manual Integrations

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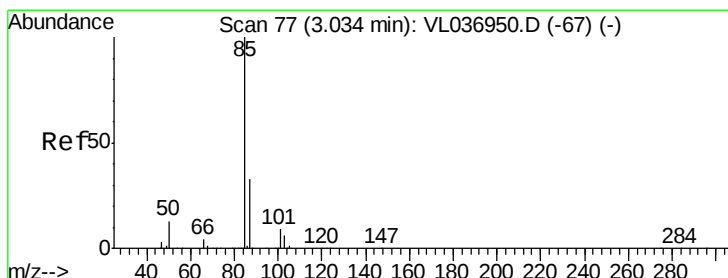
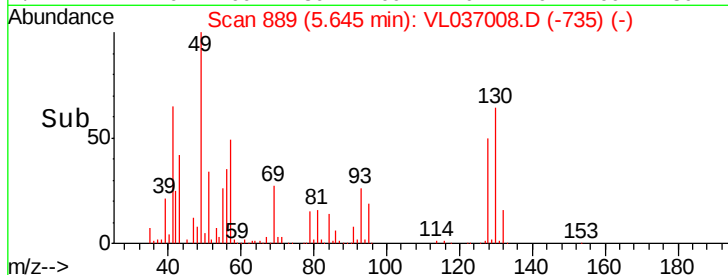
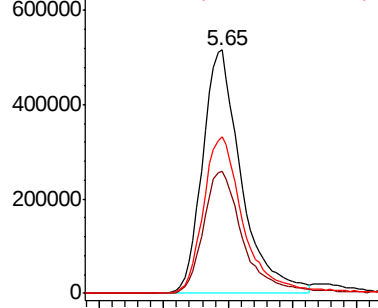
5/24/2021 3:02:25 PM



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



#2

Dichlorodifluoromethane

Concen: 0.191 ppbv

RT: 3.03 min Scan# 75

Delta R.T. -0.01 min

Lab File: VL037008.D

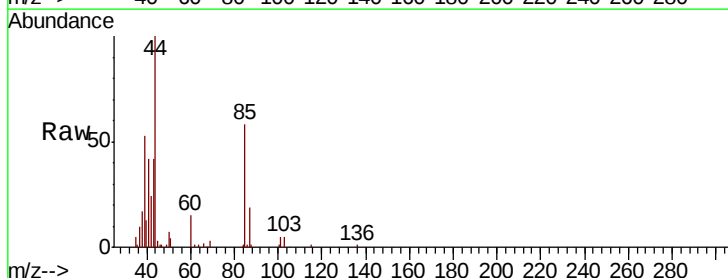
Acq: 20 May 2021 1:47

Tgt Ion: 85 Resp: 34781

Ion Ratio Lower Upper

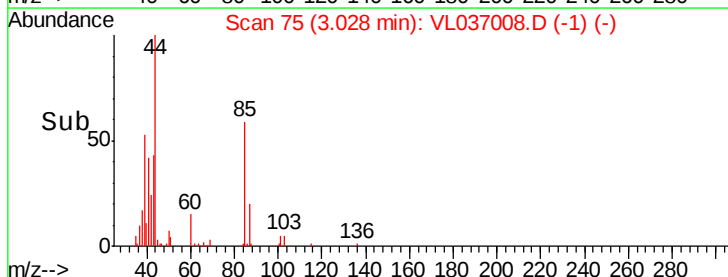
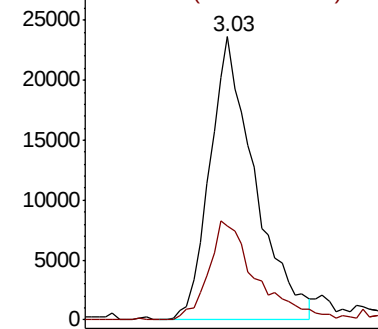
85 100

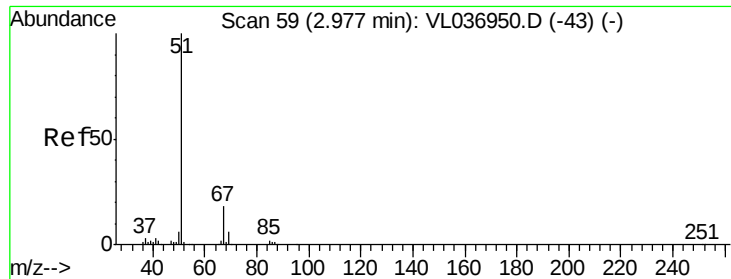
87 34.8 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.263 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.00 min

Lab File: VL037008.D

Acq: 20 May 2021 1:47

Instrument :

MSVOA_L

ClientSampled :

KSS-01

Tot Ion: 51 Resp: 51844

Ion Ratio Lower Upper

51 100

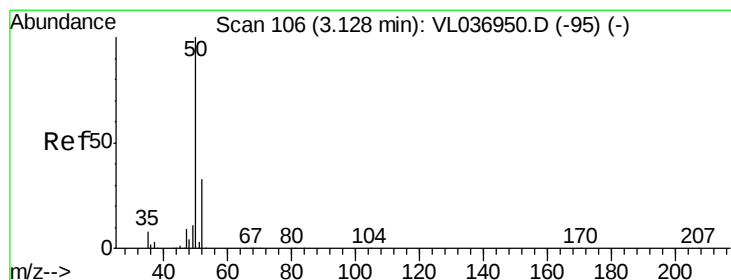
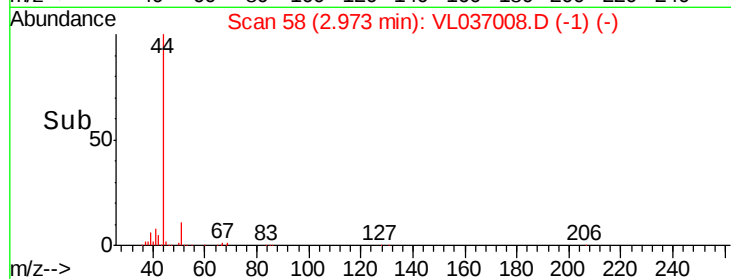
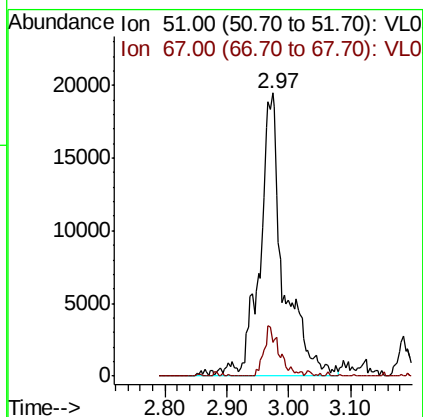
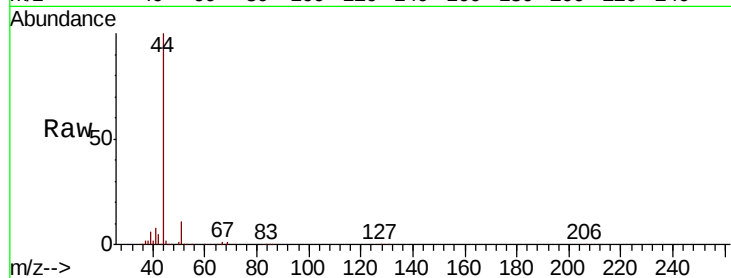
67 12.1 14.6 21.8#

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#4

Chloromethane

Concen: 0.259 ppbv m

RT: 3.12 min Scan# 105

Delta R.T. -0.00 min

Lab File: VL037008.D

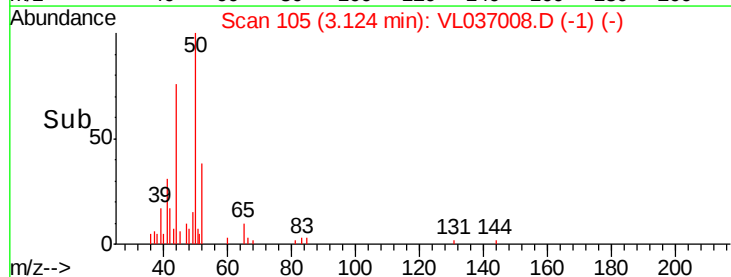
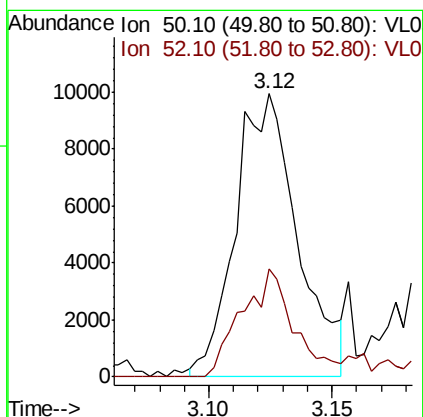
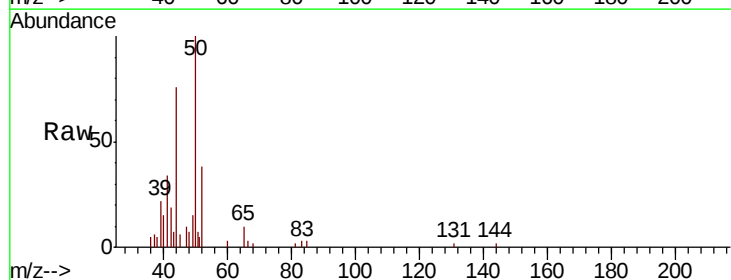
Acq: 20 May 2021 1:47

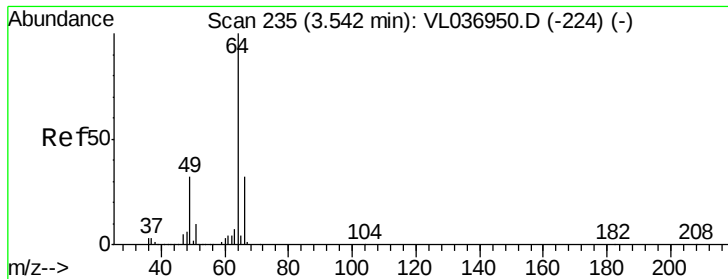
Tgt Ion: 50 Resp: 17372

Ion Ratio Lower Upper

50 100

52 38.3 26.1 39.1





#7

Chloroethane

Concen: 0.142 ppbv

RT: 3.54 min Scan# 234

Delta R.T. -0.00 min

Lab File: VL037008.D

Acq: 20 May 2021 1:47

Instrument :

MSVOA_L

ClientSampled :

KSS-01

Tot Ion: 64 Resp: 3385

Ion Ratio Lower Upper

64 100

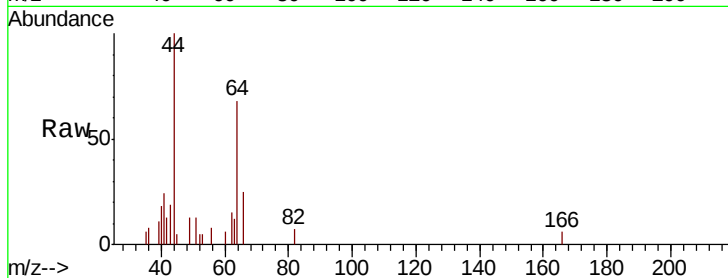
66 36.7 25.4 38.2

Manual Integrations

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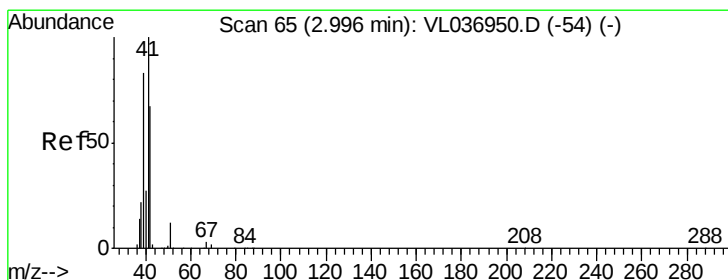
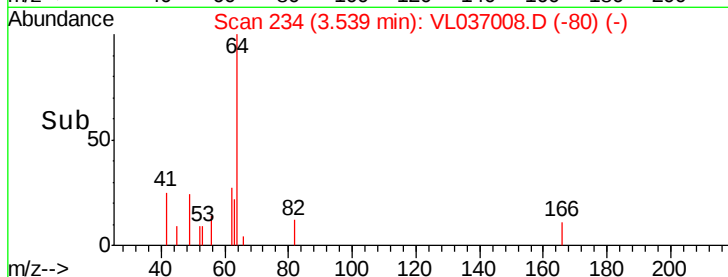
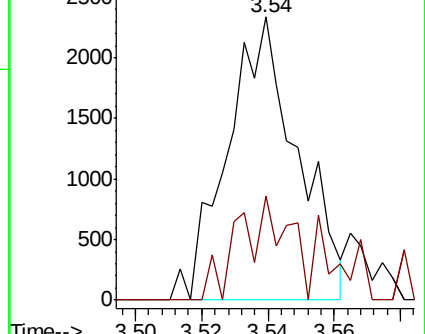
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 3.278 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.00 min

Lab File: VL037008.D

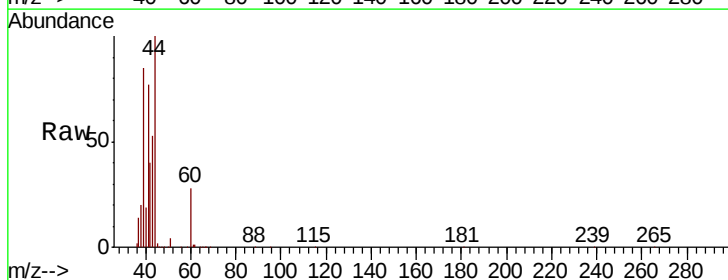
Acq: 20 May 2021 1:47

Tgt Ion: 41 Resp: 231145

Ion Ratio Lower Upper

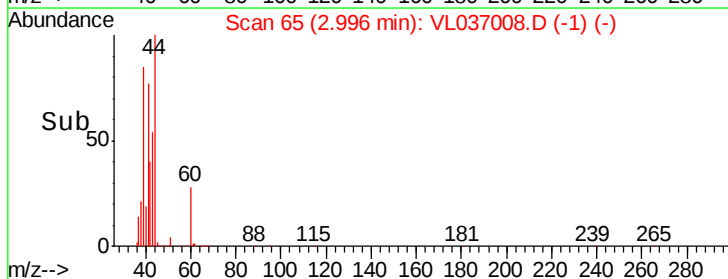
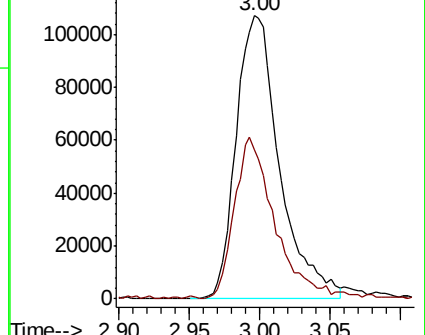
41 100

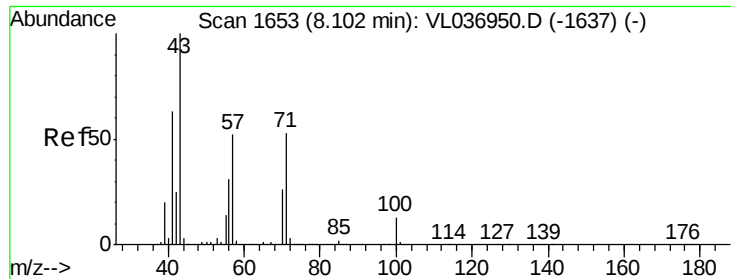
42 54.8 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





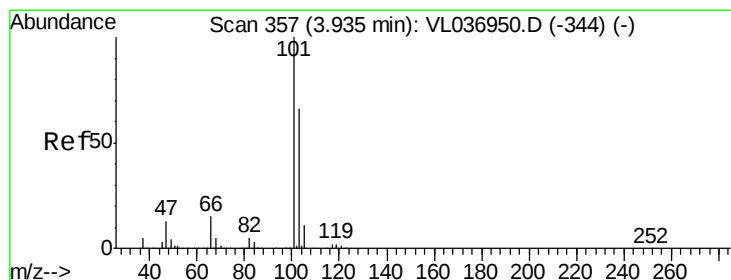
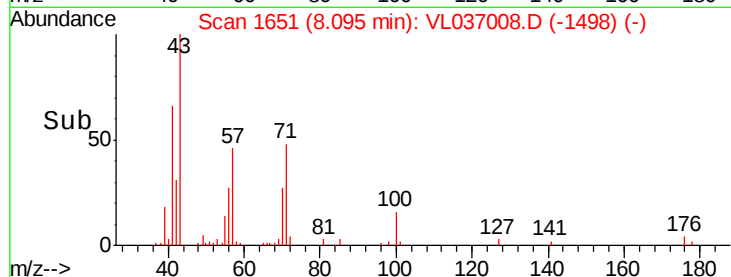
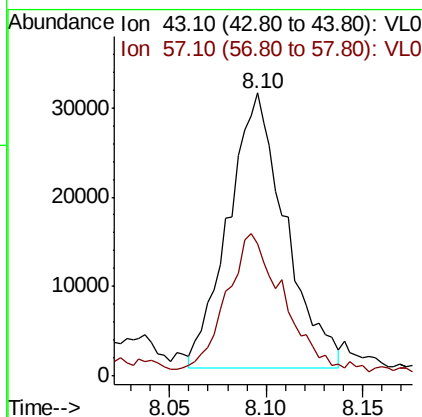
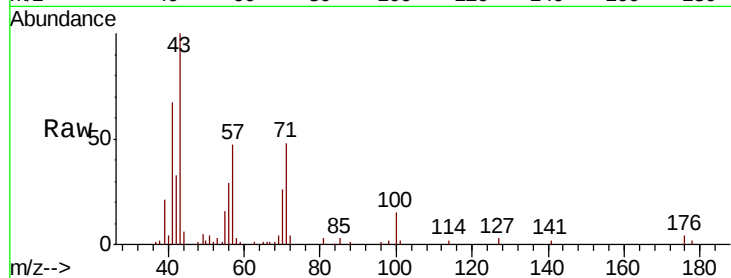
#10
Heptane
Concen: 0.360 ppbv
RT: 8.10 min Scan# 1651
Delta R.T. -0.01 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Instrument :
MSVOA_L
ClientSampled :
KSS-01

Tot Ion	43	Resp	63218
Ion Ratio	Lower	Upper	
43	100		
57	56.0	41.0	61.6

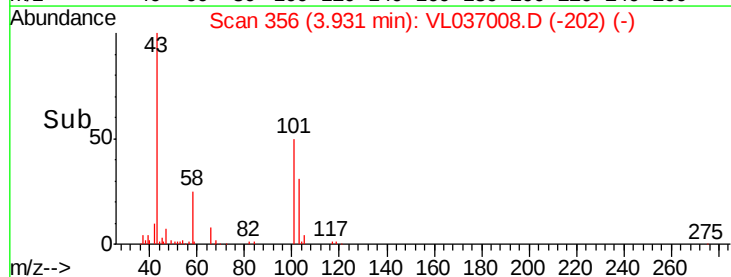
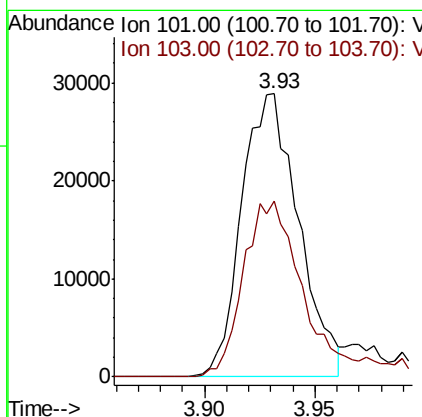
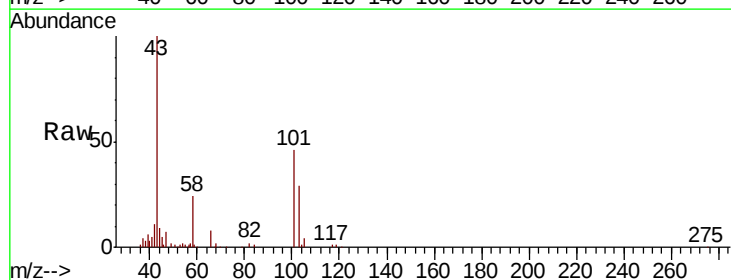
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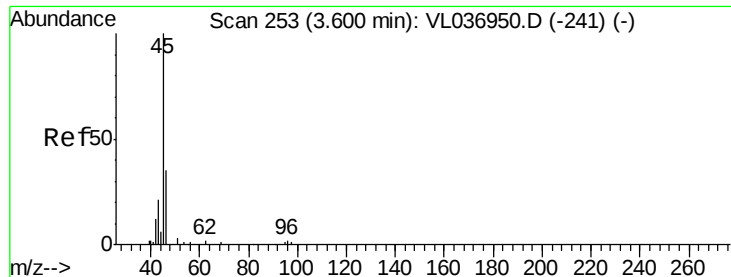
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#11
Trichlorofluoromethane
Concen: 0.307 ppbv
RT: 3.93 min Scan# 356
Delta R.T. -0.00 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Tgt Ion	101	Resp	51886
Ion Ratio	Lower	Upper	
101	100		
103	62.0	52.6	79.0





#13

Ethanol

Concen: 146.356 ppbv

RT: 3.60 min Scan# 252

Delta R.T. -0.00 min

Lab File: VL037008.D

Acq: 20 May 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

KSS-01

Tot Ion: 45 Resp: 1377107

Ion Ratio Lower Upper

45 100

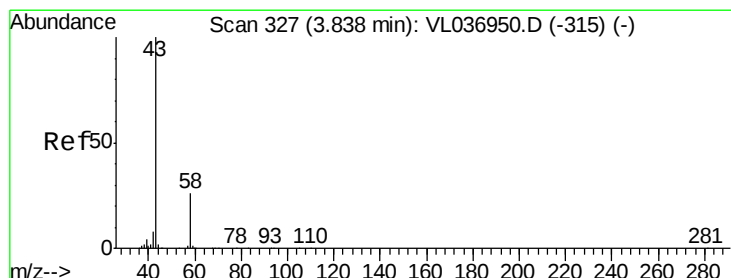
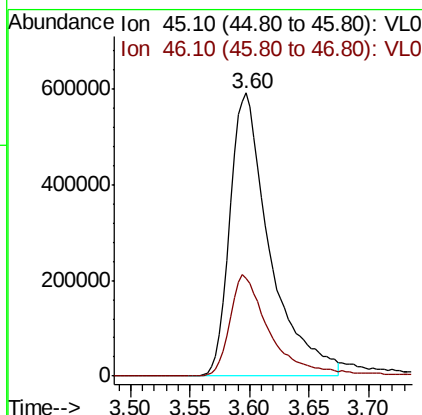
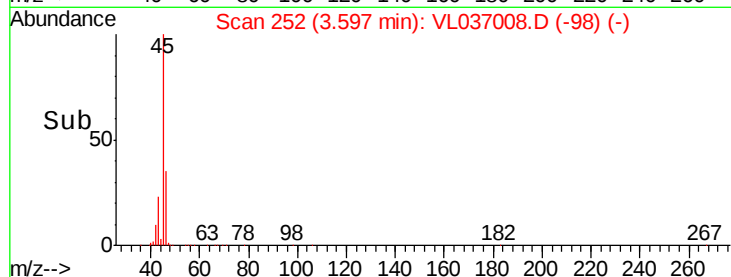
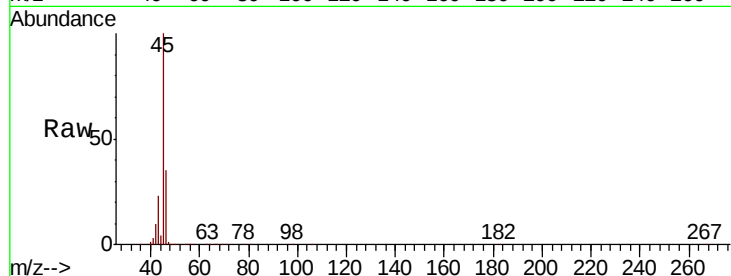
46 37.4 16.3 65.3

Manual Integrations

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#15

Acetone

Concen: 66.180 ppbv

RT: 3.83 min Scan# 323

Delta R.T. -0.01 min

Lab File: VL037008.D

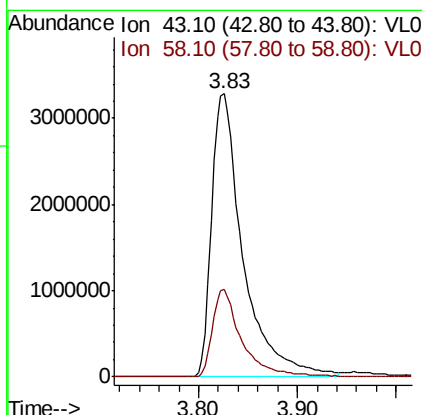
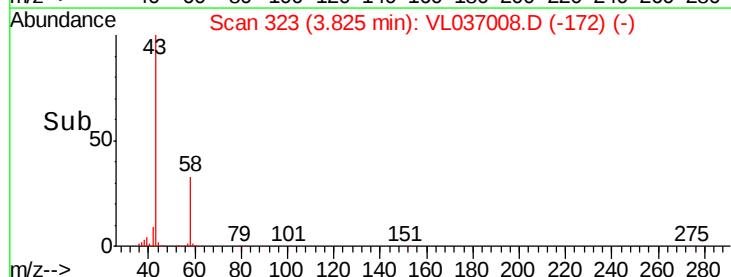
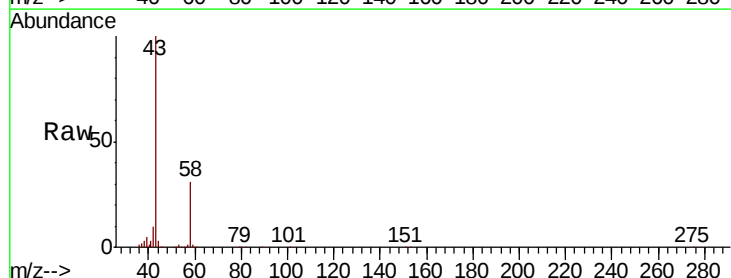
Acq: 20 May 2021 1:47

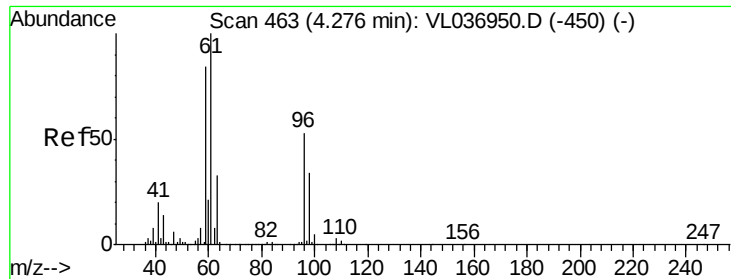
Tgt Ion: 43 Resp: 7286985

Ion Ratio Lower Upper

43 100

58 29.4 24.0 36.0





#17

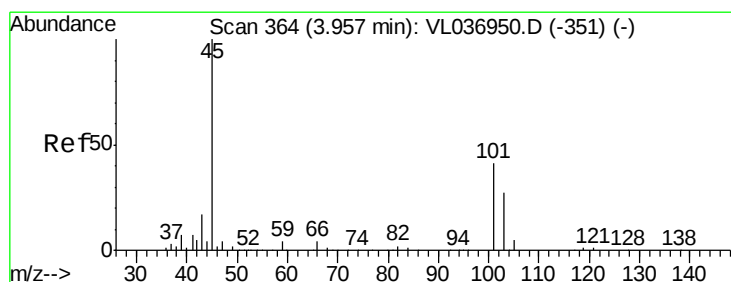
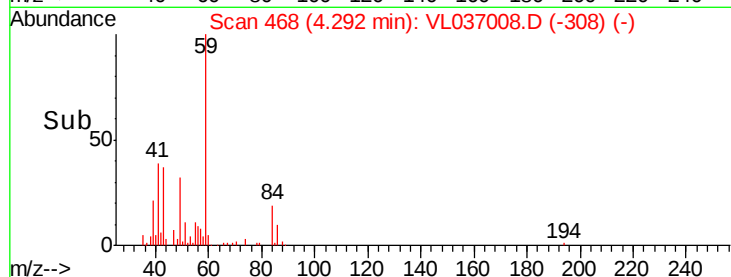
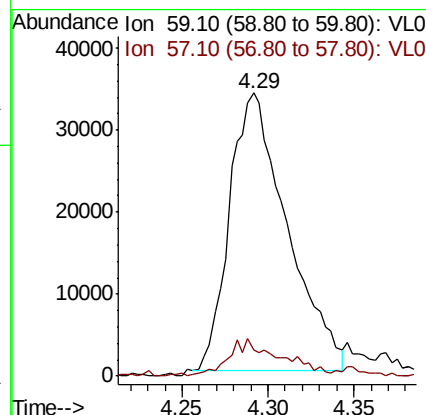
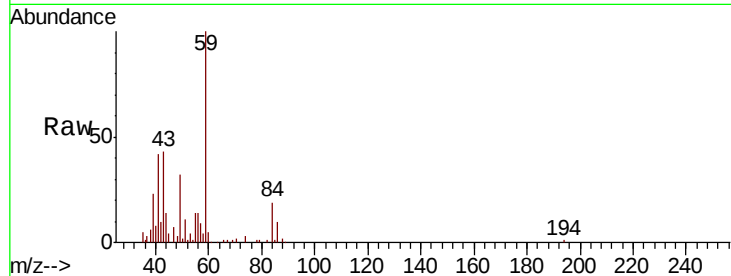
tert-Butyl alcohol
Concen: 0.784 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.02 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Instrument :
MSVOA_L
ClientSampled :
KSS-01

Tot Ion: 59 Resp: 79072
Ion Ratio Lower Upper
59 100
57 13.8 8.3 12.5#

Manual Integrations
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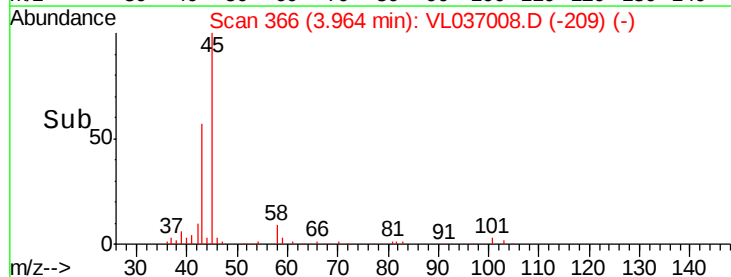
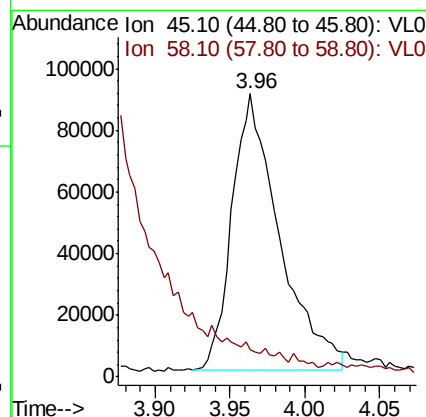
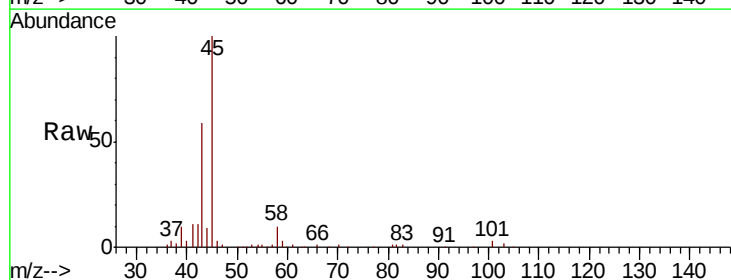
MMDadoda
5/24/2021 3:02:25 PM

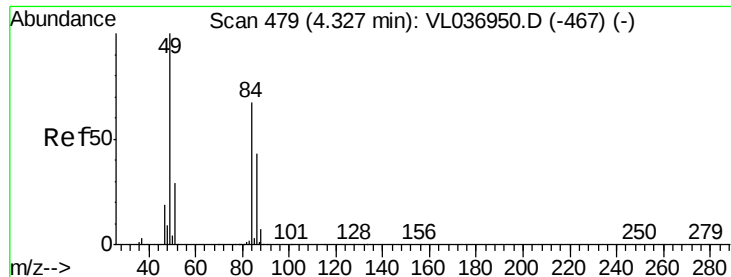


#19

Isopropyl Alcohol
Concen: 3.348 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.01 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Tgt Ion: 45 Resp: 198156
Ion Ratio Lower Upper
45 100
58 1088.8 37.2 55.8#





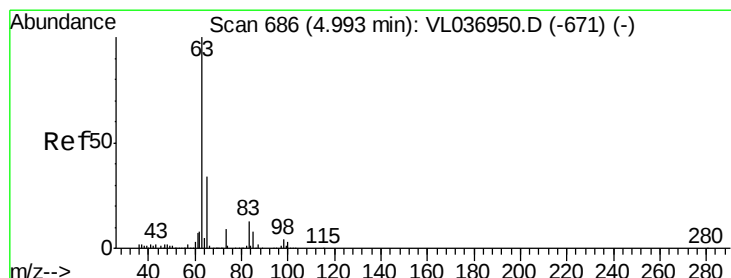
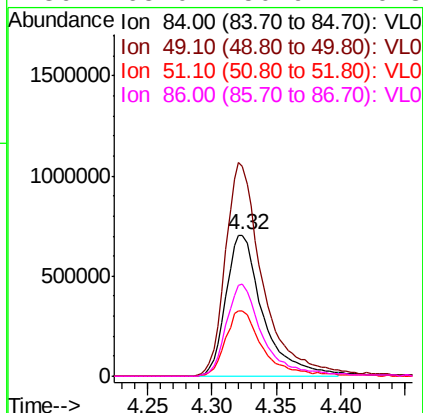
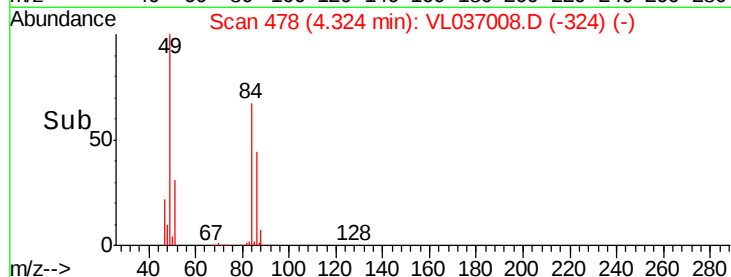
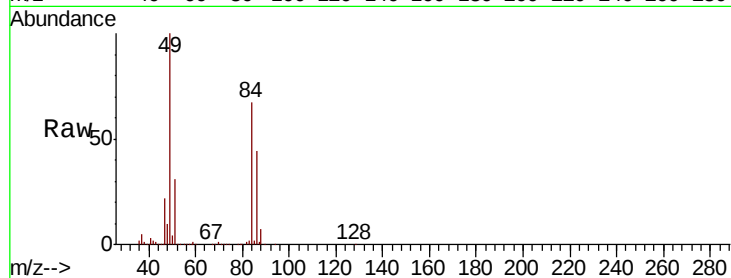
#20
Methvlene Chloride
Concen: 23.888 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Instrument :
MSVOA_L
ClientSampleId :
KSS-01

Tot Ion:	84	Resp:	1409962
Ion	Ratio	Lower	Upper
84	100		
49	148.8	119.8	179.6
51	46.1	35.1	52.7
86	65.0	50.9	76.3

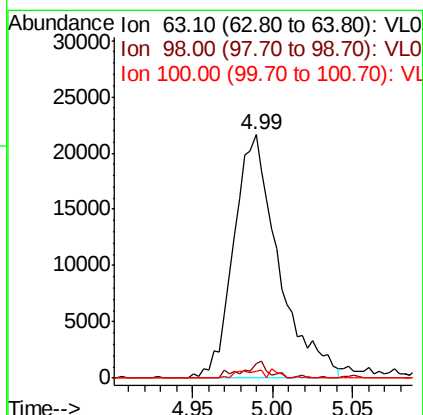
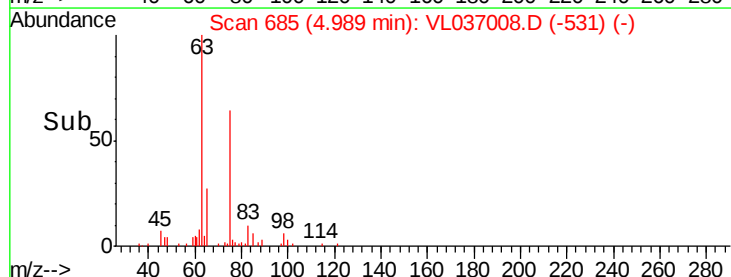
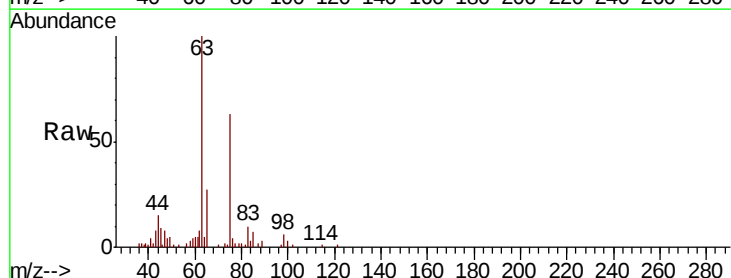
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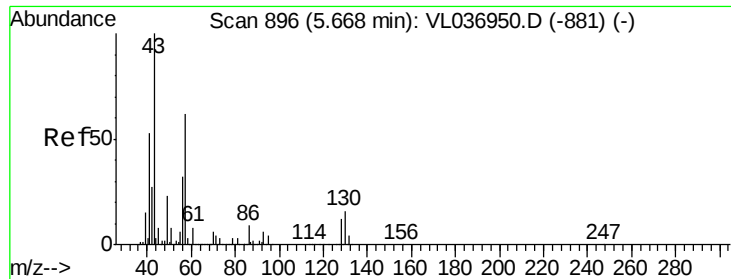
MMDadoda
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#24
1,1-Dichloroethane
Concen: 0.328 ppbv
RT: 4.99 min Scan# 685
Delta R.T. -0.00 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Tgt Ion:	63	Resp:	41223
Ion	Ratio	Lower	Upper
63	100		
98	5.7	2.3	6.9
100	3.0	1.4	4.0





#26

Hexane

Concen: 9.786 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

Lab File: VL037008.D

Acq: 20 May 2021 1:47

Instrument :

MSVOA_L

ClientSampled :

KSS-01

Tot Ion: 57 Resp: 1322733

Ion Ratio Lower Upper

57 100

41 111.5 70.5 105.7#

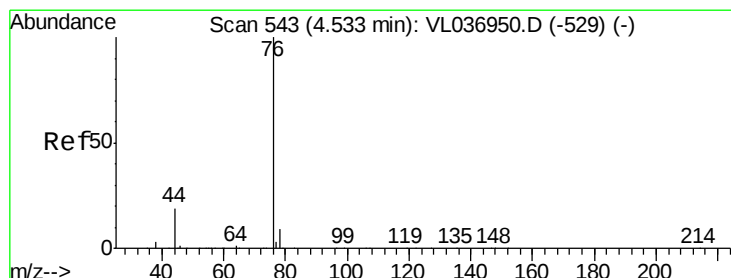
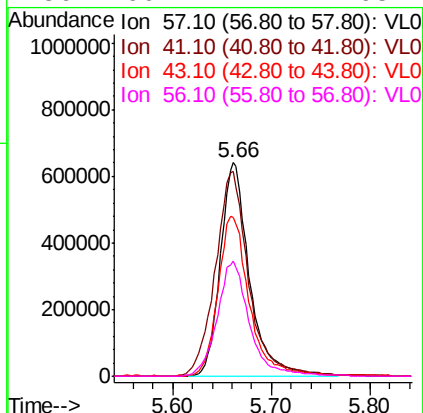
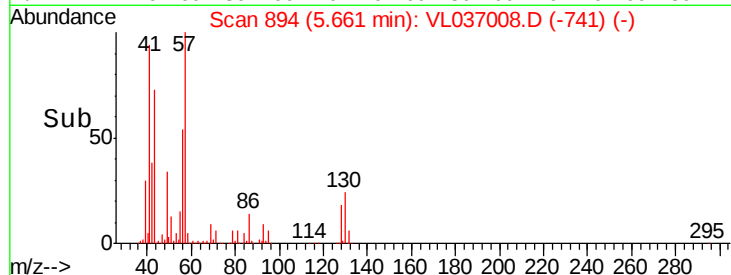
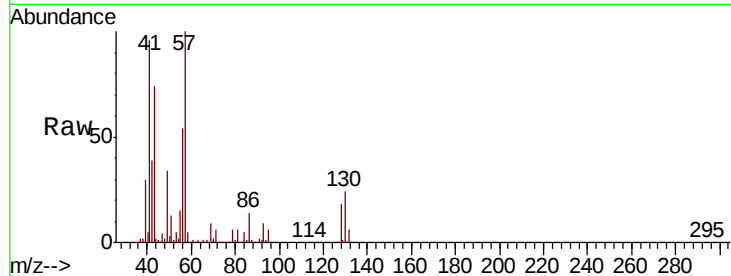
43 81.3 165.8 248.8#

56 60.2 42.2 63.4

Manual Integrations
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#27

Carbon Disulfide

Concen: 1.006 ppbv

RT: 4.53 min Scan# 542

Delta R.T. -0.00 min

Lab File: VL037008.D

Acq: 20 May 2021 1:47

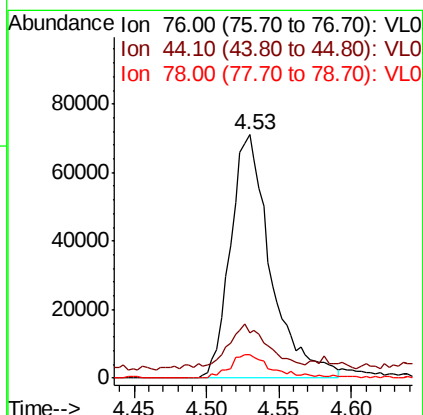
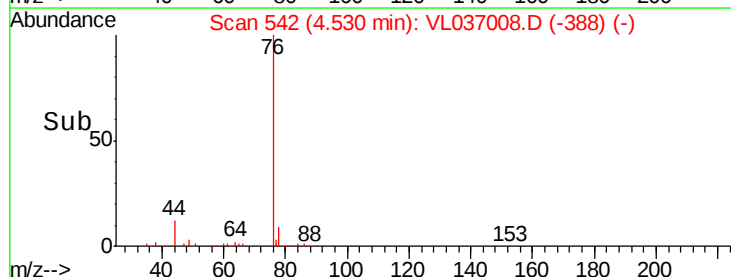
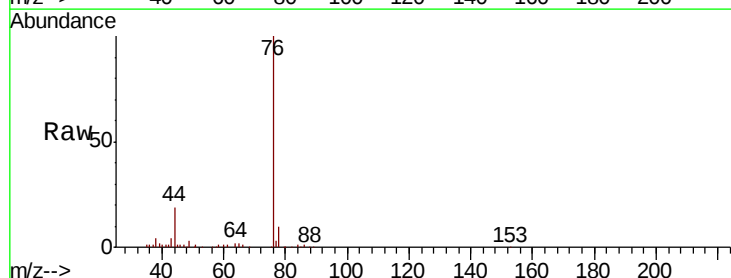
Tgt Ion: 76 Resp: 137011

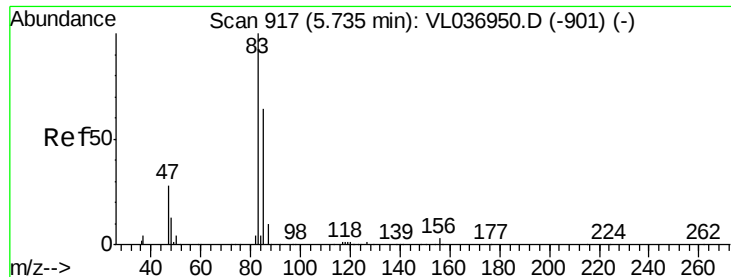
Ion Ratio Lower Upper

76 100

44 20.3 15.5 23.3

78 10.5 7.8 11.6





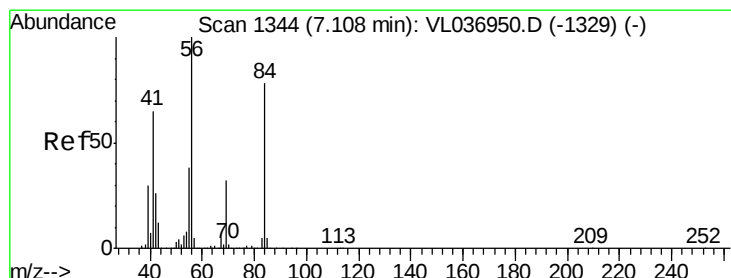
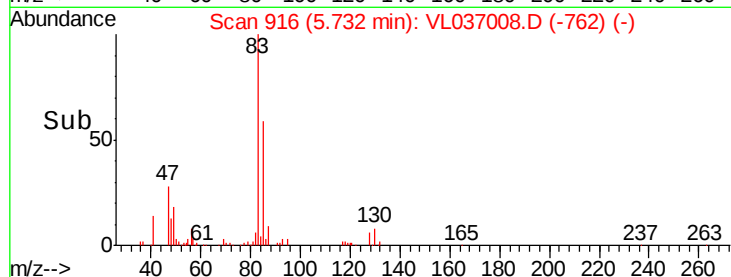
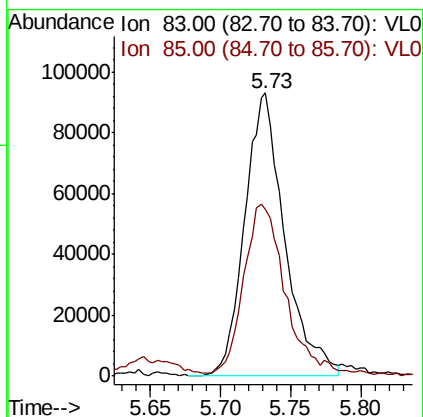
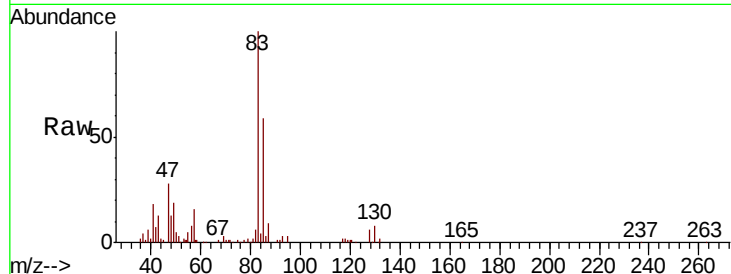
#29
Chloroform
Concen: 0.970 ppbv
RT: 5.73 min Scan# 916
Delta R.T. -0.00 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Instrument :
MSVOA_L
ClientSampleId :
KSS-01

Tot Ion	Ratio	Lower	Upper
83	100		
85	56.9	51.1	76.7

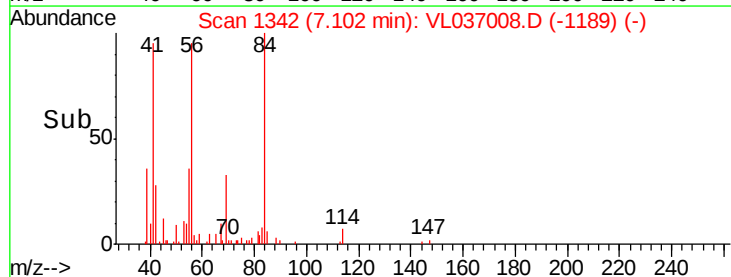
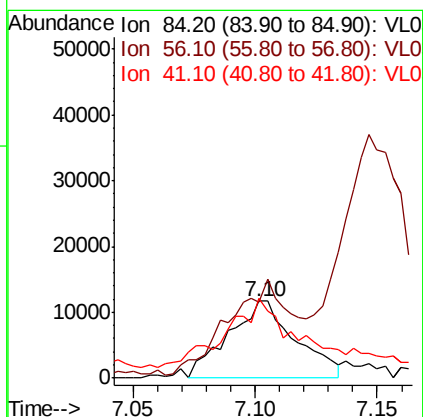
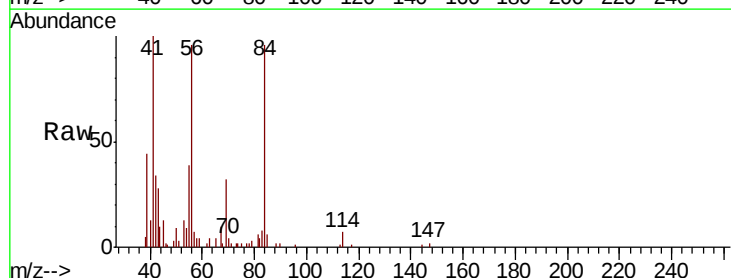
Manual Integrations
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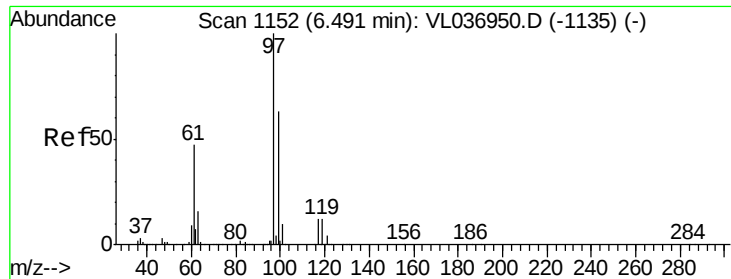
MMDadoda
5/24/2021 3:02:25 PM



#30
Cyclohexane
Concen: 0.194 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.01 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Tgt Ion	Ratio	Lower	Upper
84	100		
56	130.0	107.9	161.9
41	144.2	65.5	98.3#





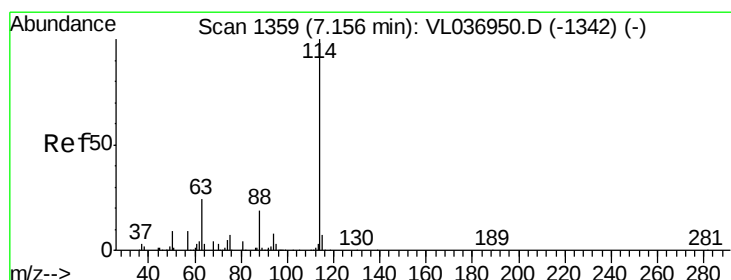
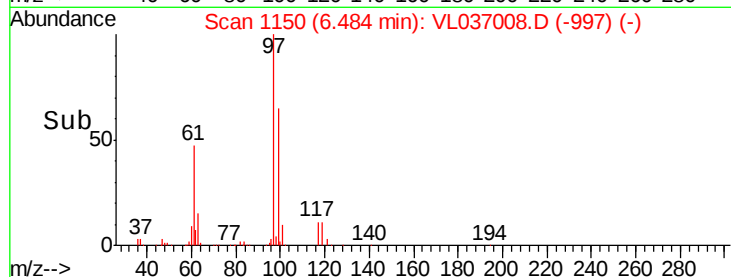
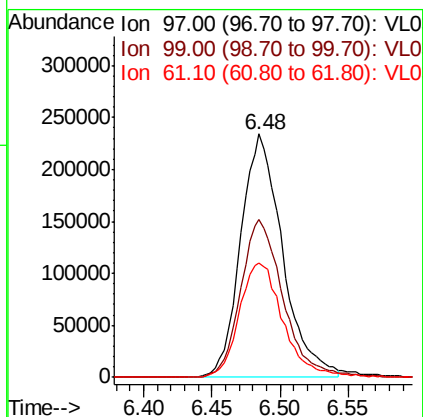
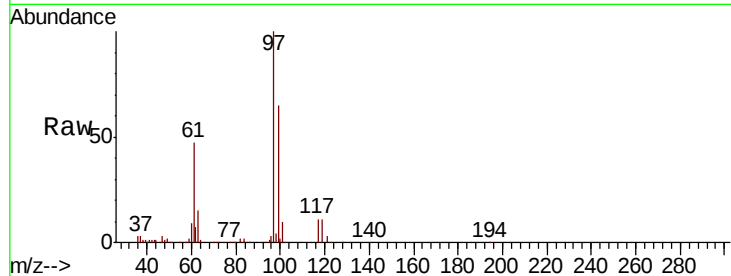
#32
 1,1,1-Trichloroethane
 Concen: 2.438 ppbv
 RT: 6.48 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: VL037008.D
 Acq: 20 May 2021 1:47

Instrument :
 MSVOA_L
 ClientSampleId :
 KSS-01

Tot Ion	Ratio	Resp	Lower	Upper
97	100	499931		
99	65.9		51.9	77.9
61	49.6		37.6	56.4

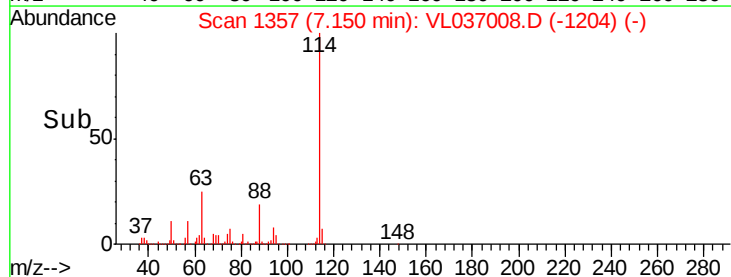
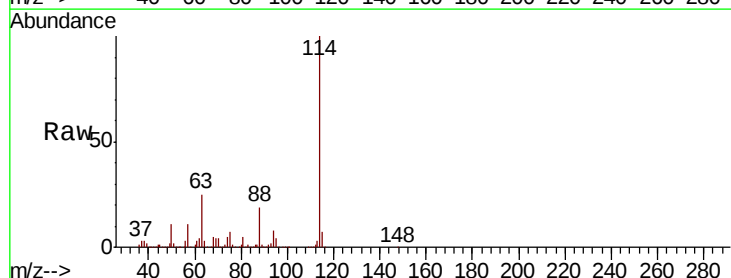
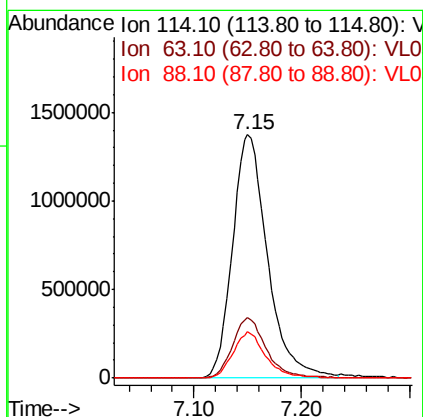
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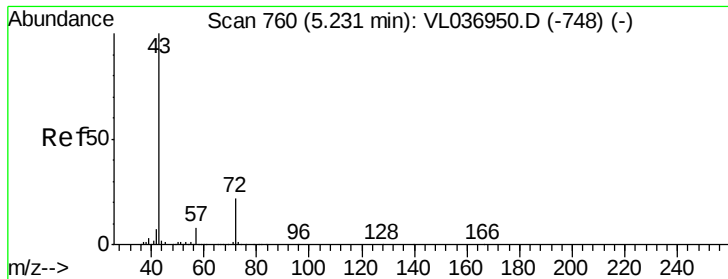
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#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VL037008.D
 Acq: 20 May 2021 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	3108738		
63	24.2		19.6	29.4
88	17.9		14.6	21.8





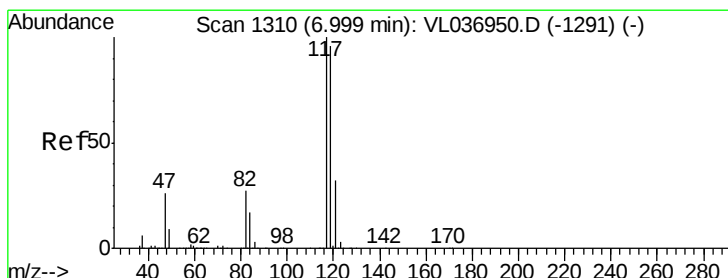
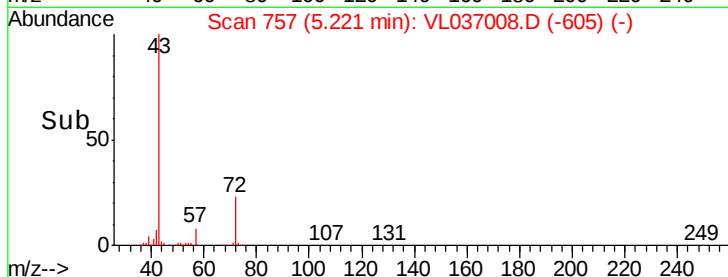
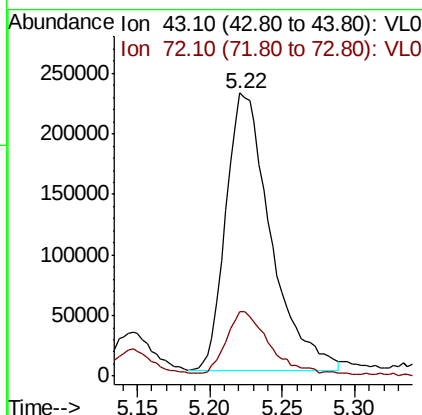
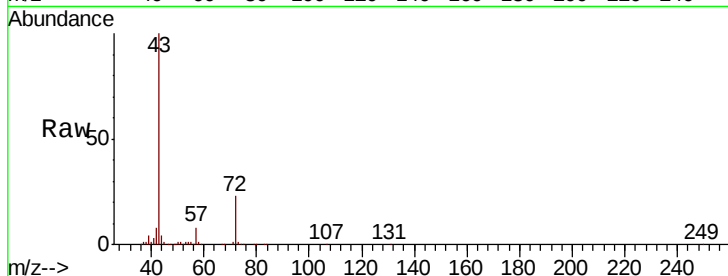
#34
2-Butanone
Concen: 4.337 ppbv
RT: 5.22 min Scan# 757
Delta R.T. -0.01 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Instrument :
MSVOA_L
ClientSampled :
KSS-01

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.3	19.0	28.4

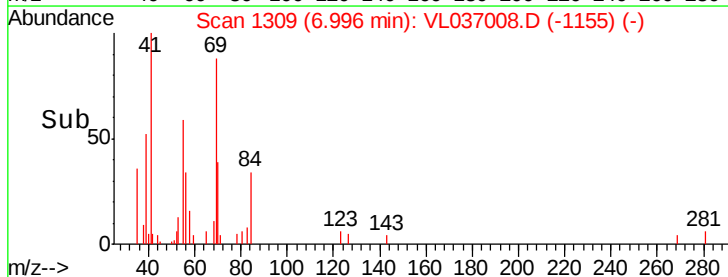
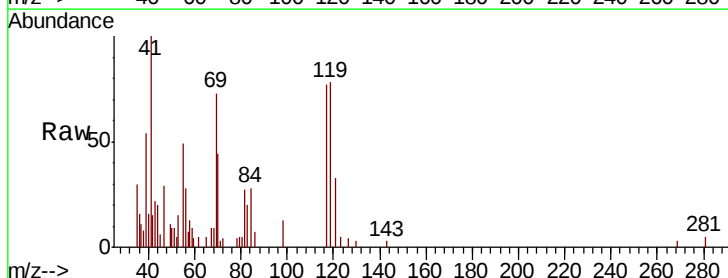
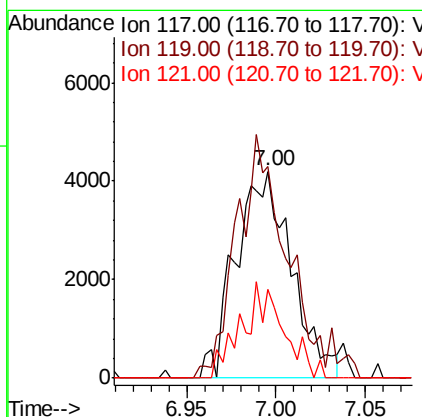
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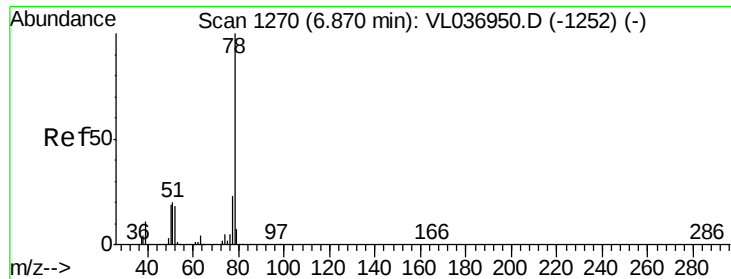
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#35
Carbon Tetrachloride
Concen: 0.044 ppbv m
RT: 7.00 min Scan# 1309
Delta R.T. -0.00 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.1	76.6	114.8
121	42.7	25.8	38.6





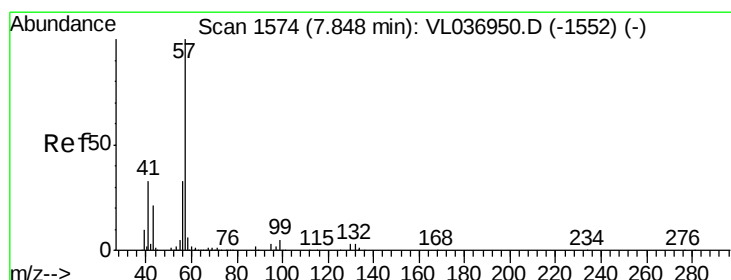
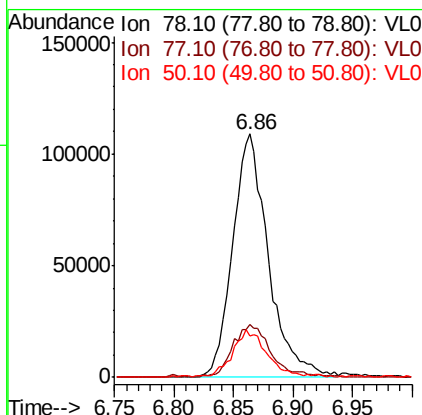
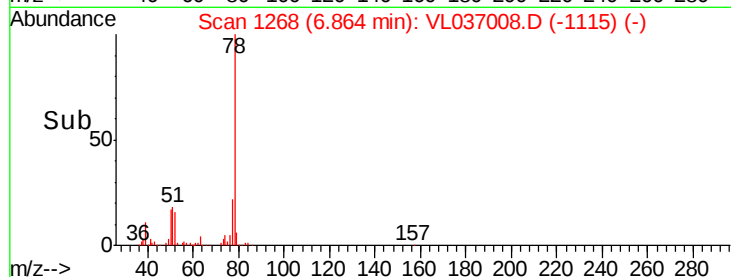
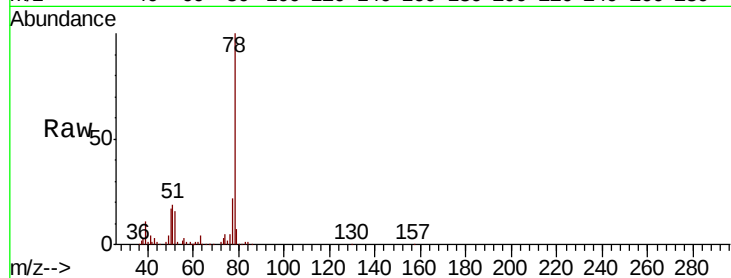
#36
Benzene
Concen: 0.846 ppbv
RT: 6.86 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Instrument :
MSVOA_L
ClientSampled :
KSS-01

Tot Ion	Ratio	Lower	Upper
78	100		
77	21.5	18.6	28.0
50	16.5	15.0	22.4

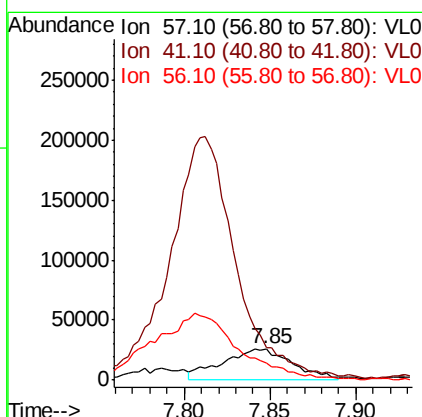
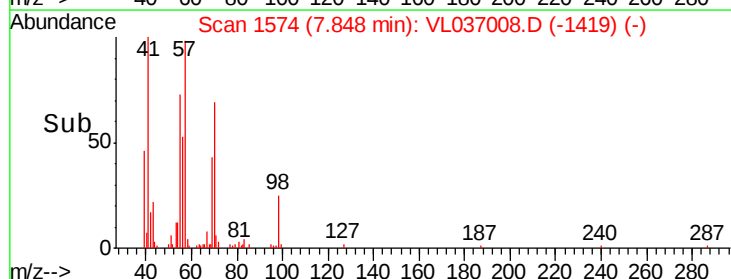
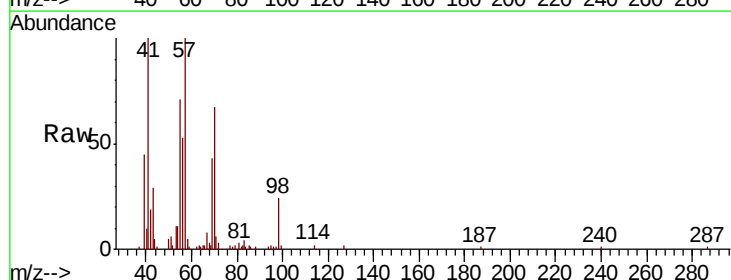
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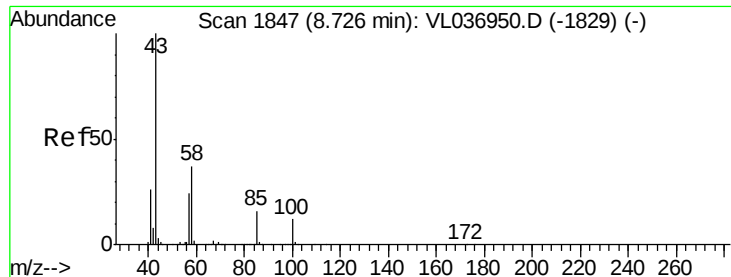
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#44
2,2,4-Trimethylpentane
Concen: 0.156 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Tgt Ion	Ratio	Lower	Upper
57	100		
41	0.0	27.0	40.4#
56	0.0	25.4	38.2#





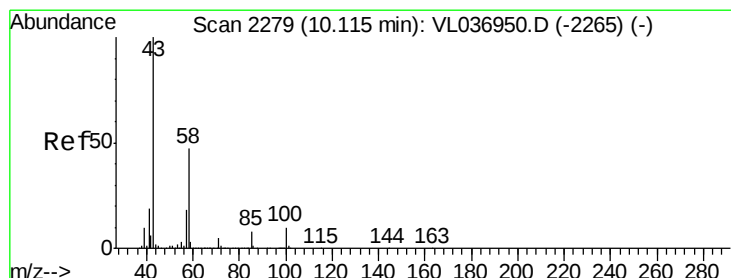
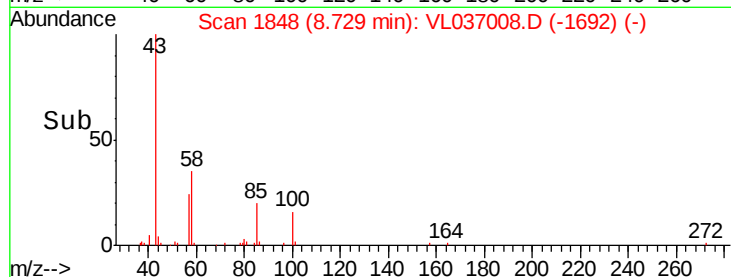
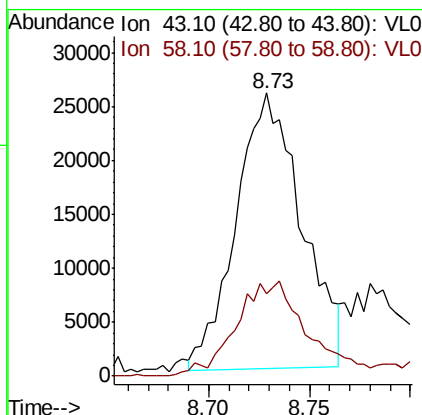
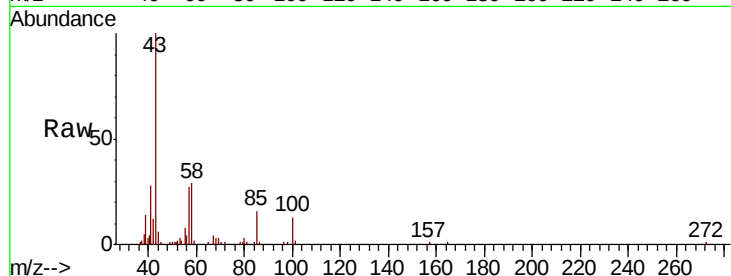
#50
 4-Methyl-2-Pentanone
 Concen: 0.312 ppbv
 RT: 8.73 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: VL037008.D
 Acq: 20 May 2021 1:47

Instrument :
 MSVOA_L
 ClientSampleID :
 KSS-01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.7	29.4	44.2

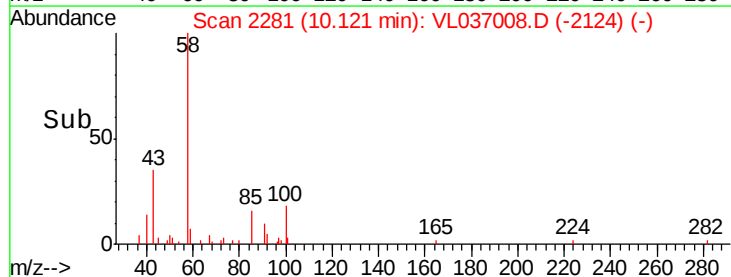
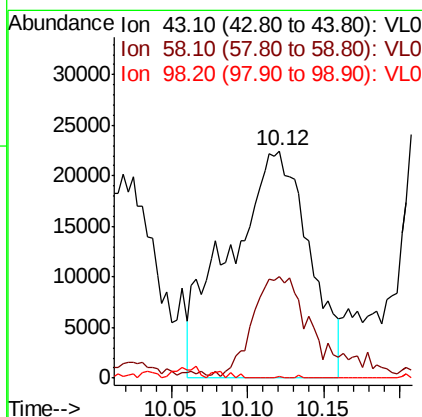
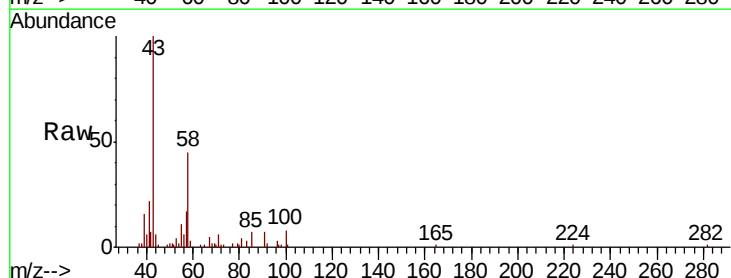
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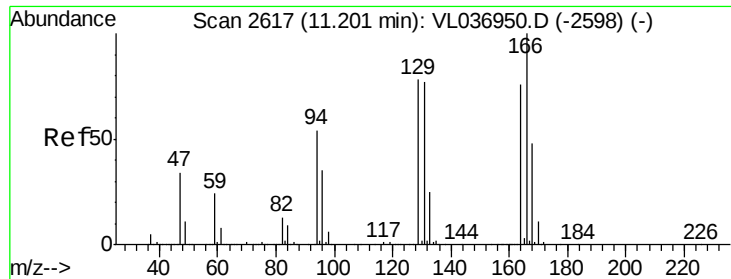
MMDadoda
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#51
 2-Hexanone
 Concen: 0.833 ppbv m
 RT: 10.12 min Scan# 2281
 Delta R.T. 0.01 min
 Lab File: VL037008.D
 Acq: 20 May 2021 1:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.8	41.1	61.7#
98	0.9	0.1	0.1#





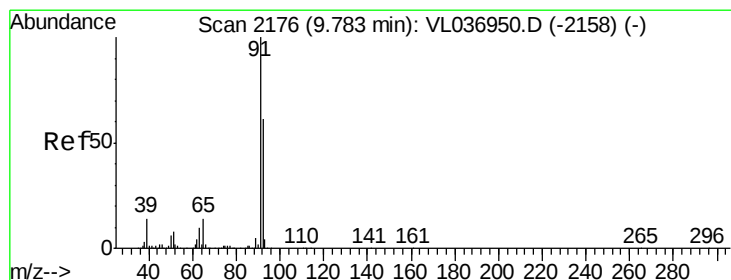
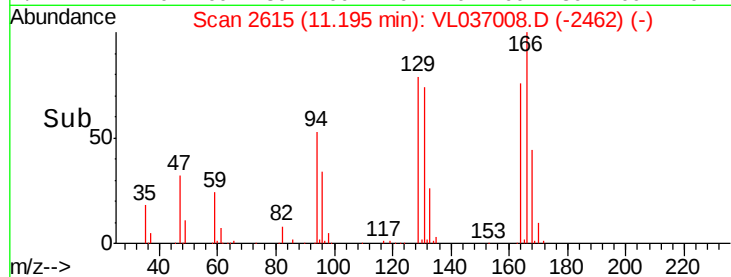
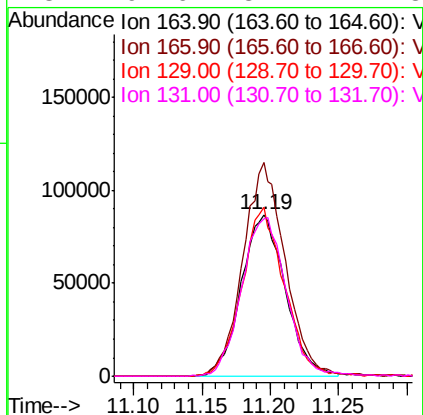
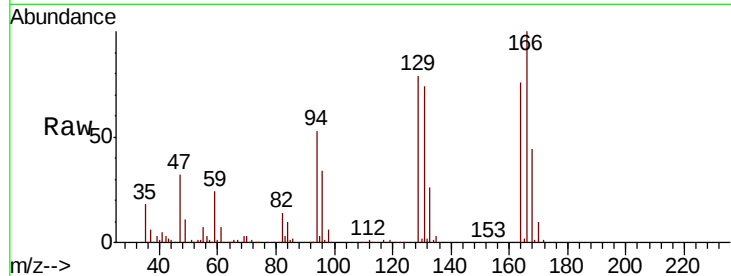
#52
Tetrachloroethene
Concen: 1.824 ppbv
RT: 11.19 min Scan# 2615
Delta R.T. -0.01 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Instrument :
MSVOA_L
ClientSampled :
KSS-01

Tot Ion	Ratio	Lower	Upper
164	100		
166	132.2	105.5	158.3
129	104.4	81.8	122.8
131	97.6	81.2	121.8

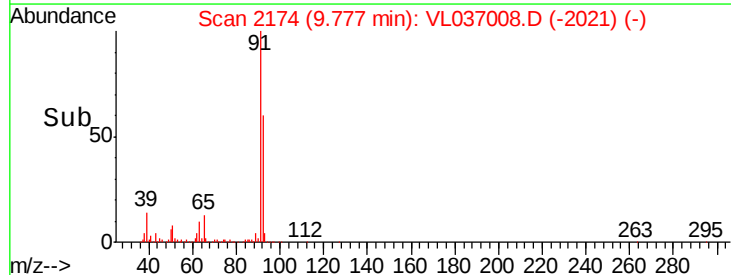
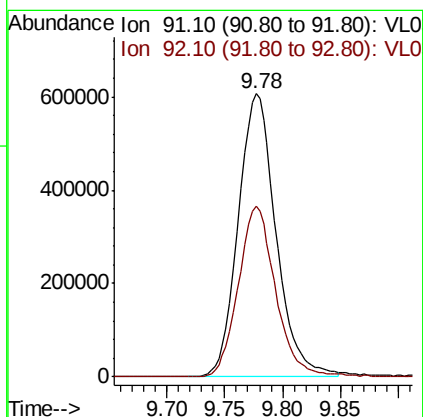
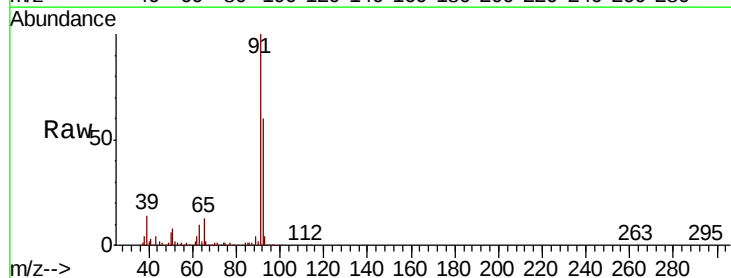
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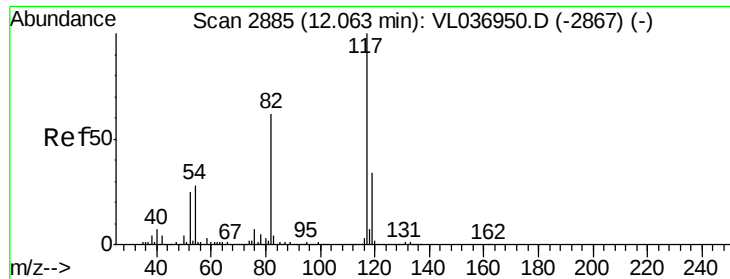
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#53
Toluene
Concen: 4.307 ppbv
RT: 9.78 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.2	49.5	74.3





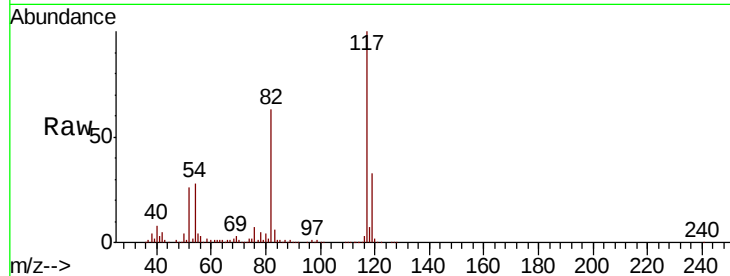
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.01 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Instrument :
MSVOA_L
ClientSampleId :
KSS-01

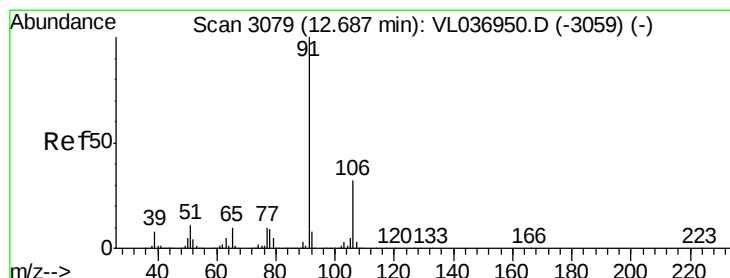
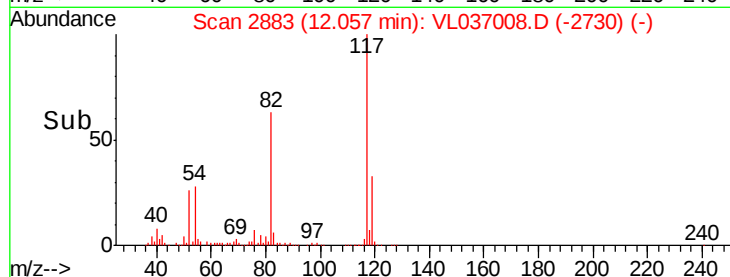
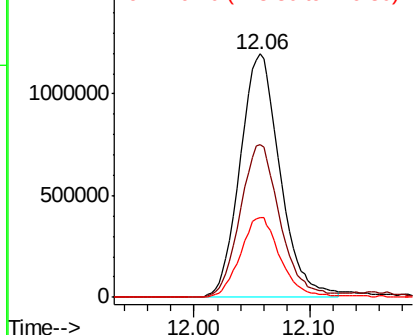
Tot Ion	Ratio	Lower	Upper
117	100		
82	62.9	52.6	79.0
119	33.7	46.6	70.0

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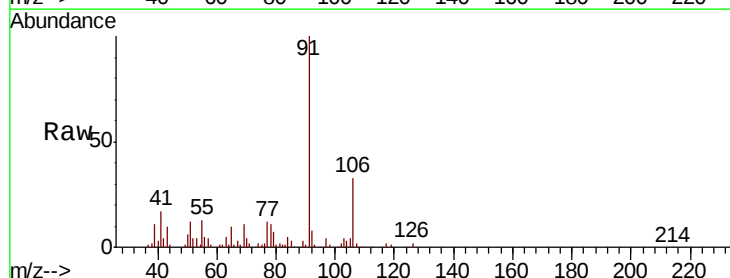


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

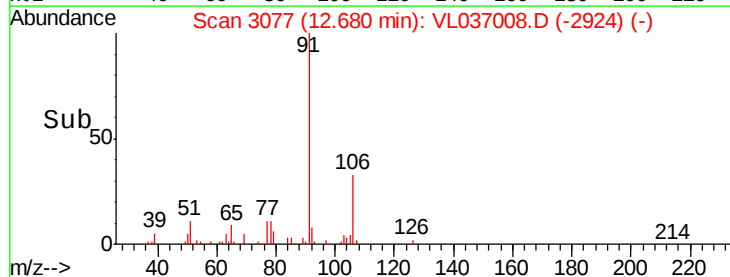
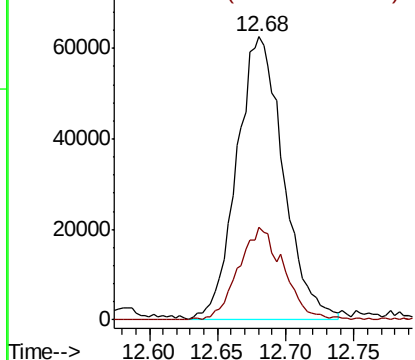


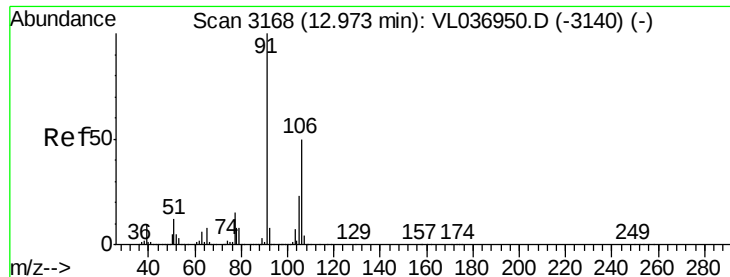
#58
Ethyl Benzene
Concen: 0.367 ppbv
RT: 12.68 min Scan# 3077
Delta R.T. -0.01 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.9	25.6	38.4



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





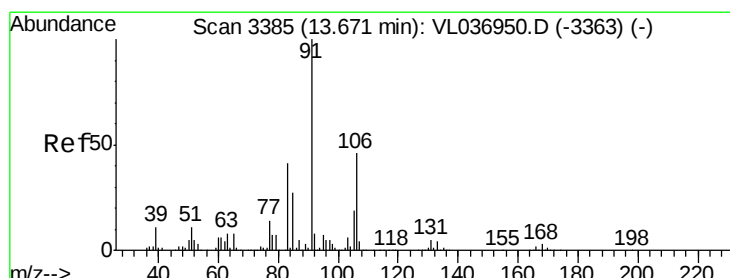
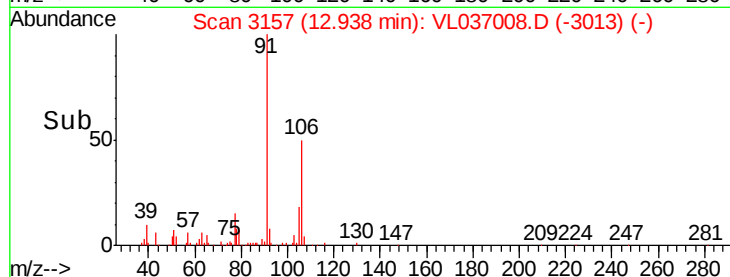
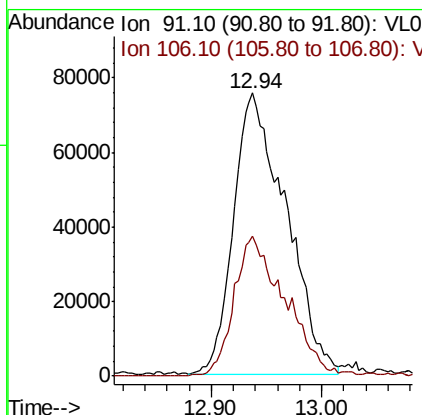
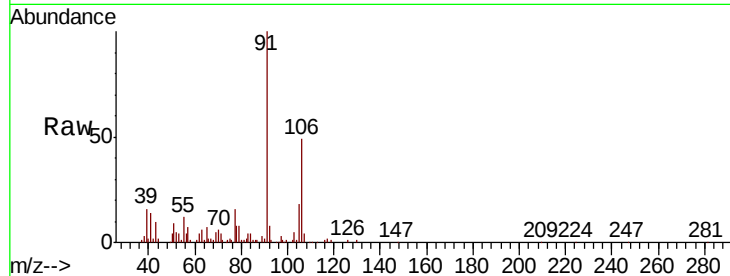
#59
m/p-Xylene
Concen: 0.737 ppbv
RT: 12.94 min Scan# 3157
Delta R.T. -0.04 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Instrument :
MSVOA_L
ClientSampled :
KSS-01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	49.1	37.4	56.2	

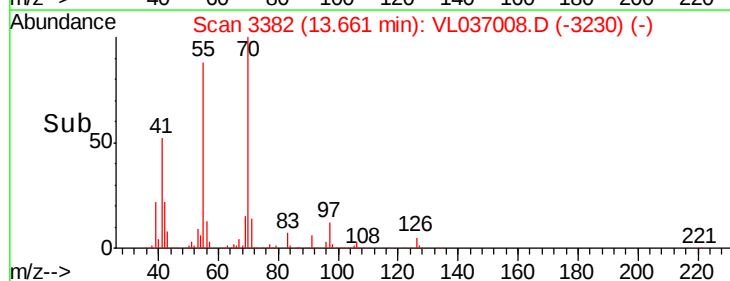
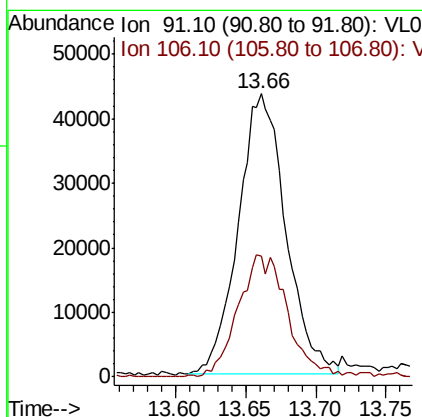
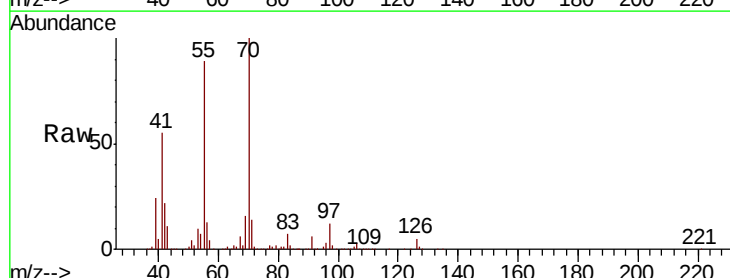
Manual Integrations
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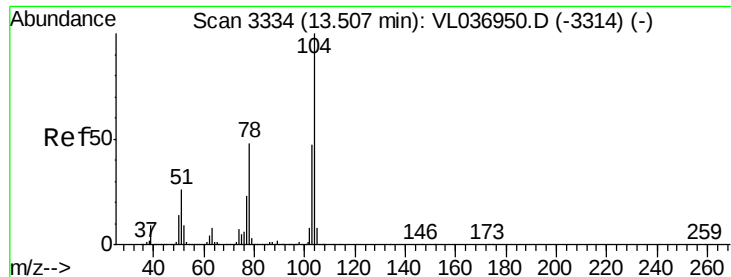
MMDadoda
5/24/2021 3:02:25 PM



#60
o-Xylene
Concen: 0.321 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. -0.01 min
Lab File: VL037008.D
Acq: 20 May 2021 1:47

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
106	45.5	23.4	70.3	





#61

Stvrene

Concen: 0.309 ppbv m

RT: 13.50 min Scan# 3333

Delta R.T. -0.00 min

Lab File: VL037008.D

Acq: 20 May 2021 1:47

Instrument :

MSVOA_L

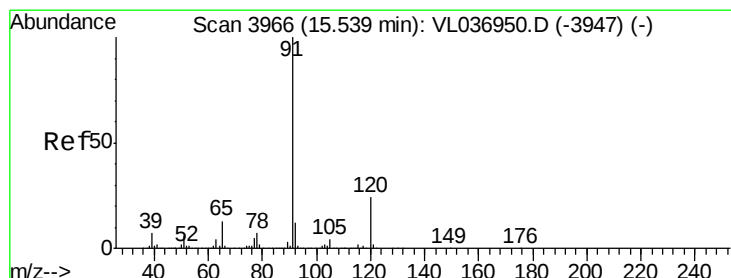
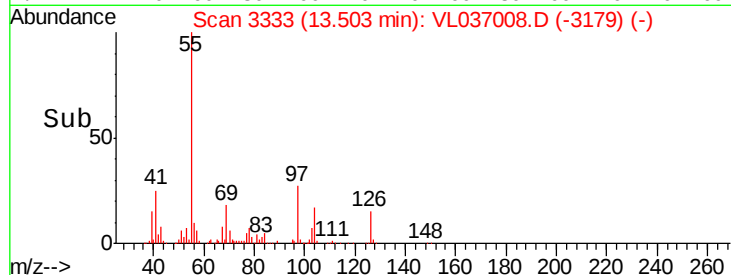
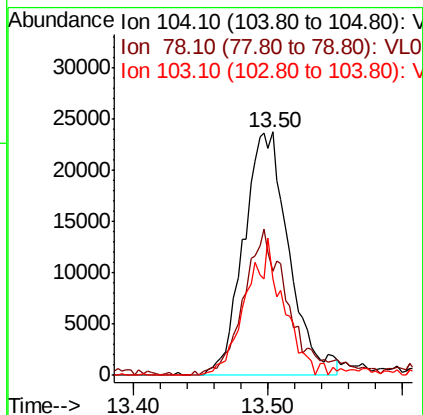
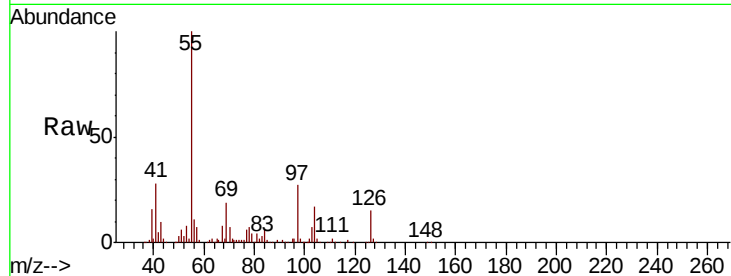
ClientSampleId :

KSS-01

Tot Ion:	104	Resp:	55575
Ion Ratio	Lower	Upper	
104	100		
78	0.0	39.0	58.6#
103	48.5	38.0	57.0

Manual Integrations
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#64

n-propylbenzene

Concen: 0.138 ppbv m

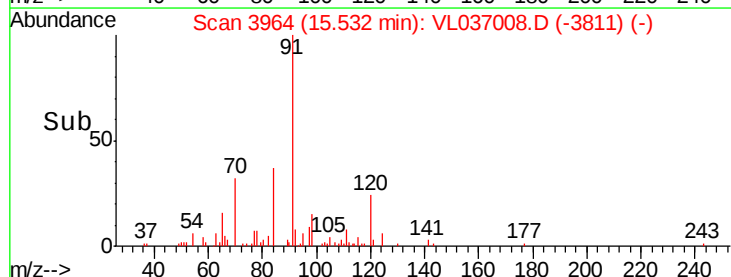
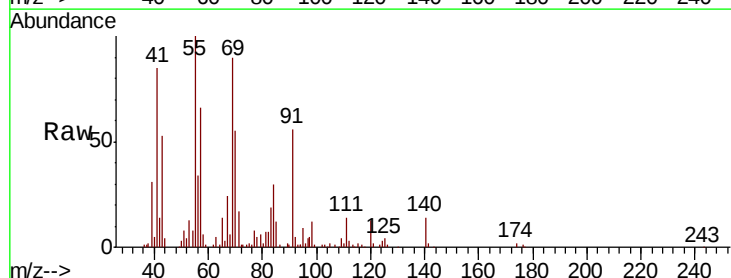
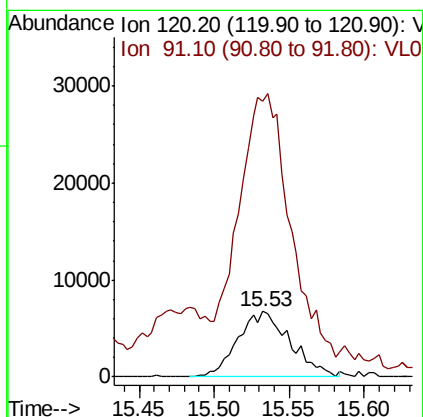
RT: 15.53 min Scan# 3964

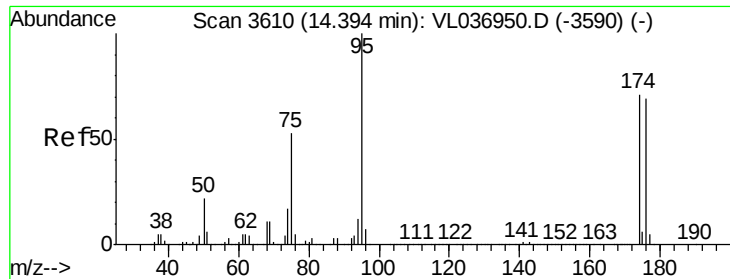
Delta R.T. -0.01 min

Lab File: VL037008.D

Acq: 20 May 2021 1:47

Tgt Ion:	120	Resp:	16341
Ion Ratio	Lower	Upper	
120	100		
91	530.4	343.8	515.6#





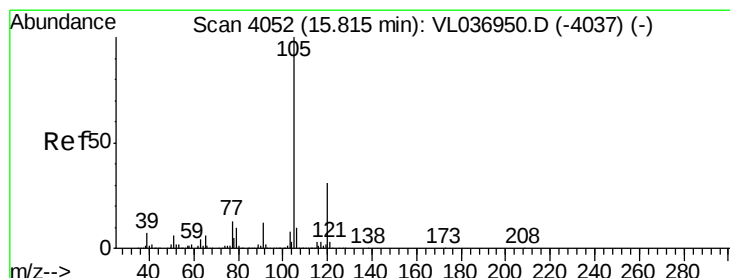
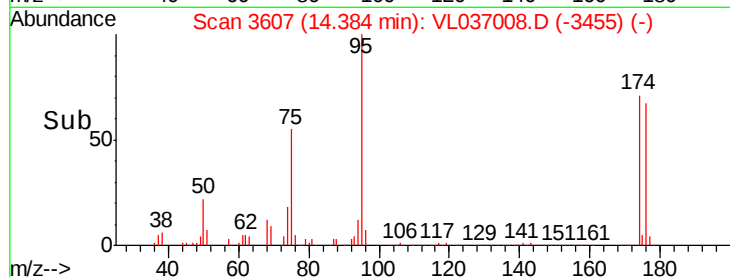
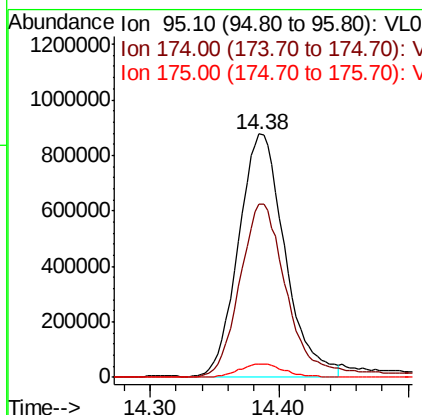
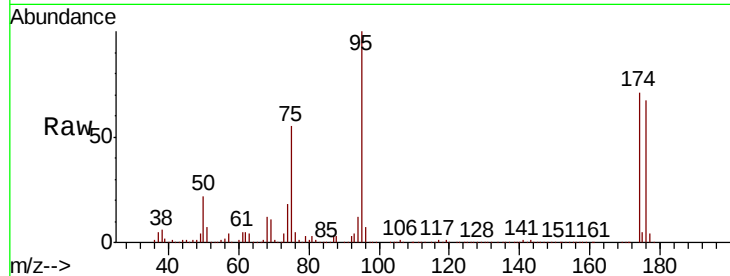
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.155 ppbv
 RT: 14.38 min Scan# 3607
 Delta R.T. -0.01 min
 Lab File: VL037008.D
 Acq: 20 May 2021 1:47

Instrument :
 MSVOA_L
 ClientSampled :
 KSS-01

Tot Ion: 95 Resp: 2188803
 Ion Ratio Lower Upper
 95 100
 174 75.9 58.4 87.6
 175 5.5 4.4 6.6

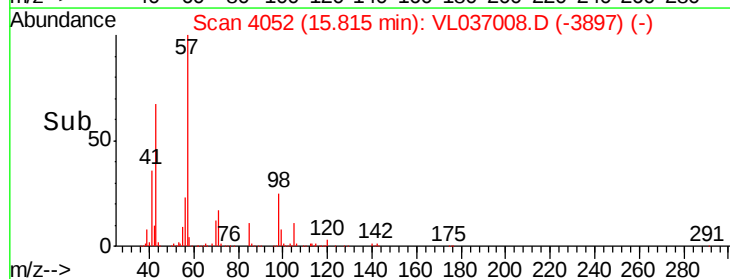
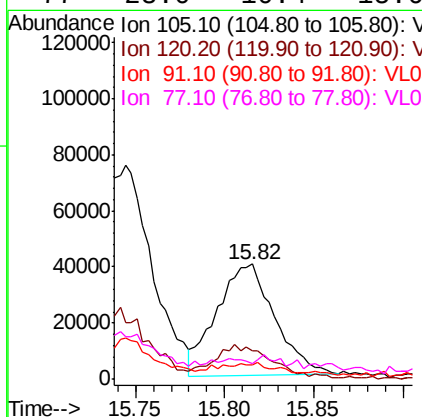
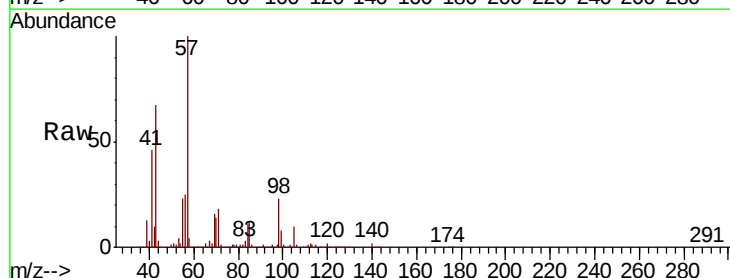
Manual Integrations
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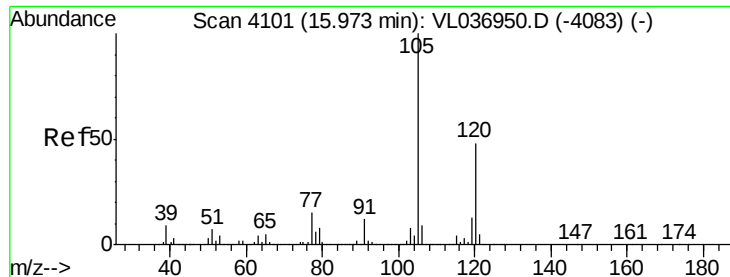
MMDadoda
 5/24/2021 3:02:25 PM



#72
 4-Ethyltoluene
 Concen: 0.237 ppbv
 RT: 15.82 min Scan# 4052
 Delta R.T. -0.00 min
 Lab File: VL037008.D
 Acq: 20 May 2021 1:47

Tgt Ion: 105 Resp: 89687
 Ion Ratio Lower Upper
 105 100
 120 31.9 24.6 37.0
 91 10.5 9.8 14.6
 77 28.0 10.4 15.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.323 ppbv

RT: 15.97 min Scan# 4100

Delta R.T. -0.00 min

Lab File: VL037008.D

Acq: 20 May 2021 1:47

Instrument :

MSVOA_L

ClientSampled :

KSS-01

Tot Ion:105 Resp: 114931

Ion Ratio Lower Upper

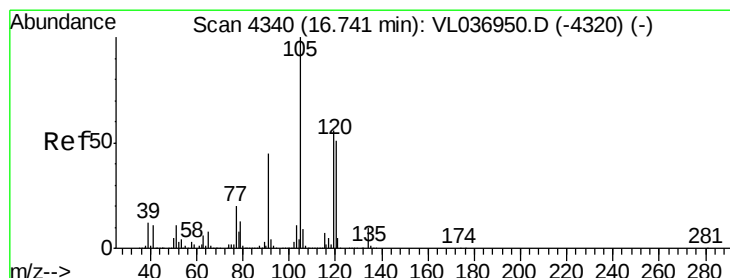
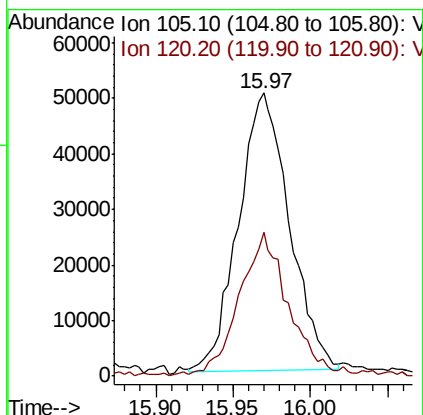
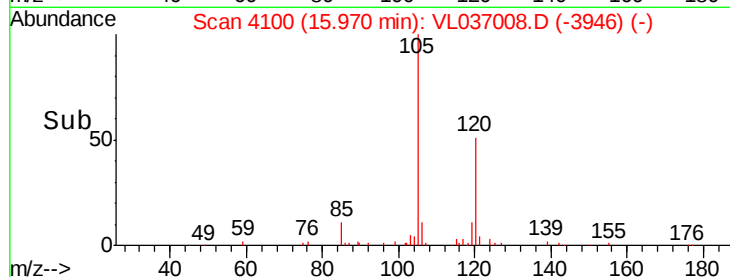
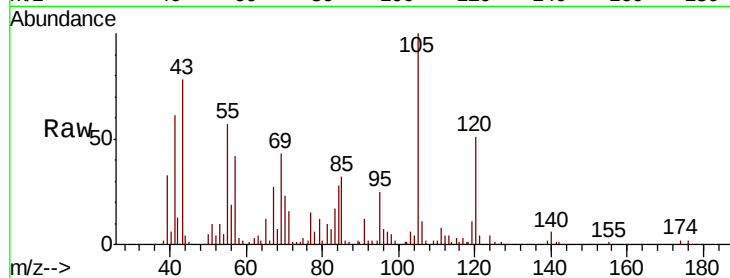
105 100

120 51.5 38.6 58.0

Manual Integrations
APPROVED

MMDadoda

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#74

1,2,4-Trimethylbenzene

Concen: 0.873 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.00 min

Lab File: VL037008.D

Acq: 20 May 2021 1:47

Tgt Ion:105 Resp: 321179

Ion Ratio Lower Upper

105 100

120 43.0 40.6 61.0

91 9.7 37.4 56.0#

77 14.8 16.2 24.4#

