

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022621\
 Data File : VL036403.D
 Acq On : 26 Feb 2021 15:35
 Operator : SY/AP
 Sample : M1502-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-5

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:08:29 AM

Quant Time: Feb 28 17:44:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1561109	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	3393898	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.05	117	3144081	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2602235	10.06	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	41153	0.177	ppbv #	86
4) Chloromethane	3.12	50	37233	0.397	ppbv	97
9) Propene	2.99	41	400087	5.532	ppbv	96
10) Heptane	8.09	43	117136m	0.550	ppbv	
11) Trichlorofluoromethane	3.93	101	103066m	0.452	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.46	101	15239m	0.108	ppbv	
13) Ethanol	3.59	45	543329	39.999	ppbv	88
15) Acetone	3.83	43	2224302	11.656	ppbv	91
17) tert-Butyl alcohol	4.29	59	109767m	0.741	ppbv	
19) Isopropyl Alcohol	3.96	45	245088	2.318	ppbv #	1
20) Methylene Chloride	4.32	84	10013401	162.648	ppbv #	77
22) trans-1,2-Dichloroethene	4.86	96	51985m	0.891	ppbv	
26) Hexane	5.66	57	1307500	8.638	ppbv #	38
27) Carbon Disulfide	4.52	76	59343	0.427	ppbv	94
29) Chloroform	5.72	83	45297m	0.186	ppbv	
30) Cyclohexane	7.10	84	52916m	0.420	ppbv	
34) 2-Butanone	5.22	43	203602	0.903	ppbv #	84
35) Carbon Tetrachloride	6.99	117	20980m	0.092	ppbv	
36) Benzene	6.86	78	358515	1.244	ppbv #	91
38) Trichloroethene	7.80	130	11075m	0.107	ppbv	
44) 2,2,4-Trimethylpentane	7.84	57	191672m	0.366	ppbv	
52) Tetrachloroethene	11.19	164	42133m	0.399	ppbv	
53) Toluene	9.77	91	1636975	5.242	ppbv	99
58) Ethyl Benzene	12.68	91	587060	1.364	ppbv	98
59) m/p-Xylene	12.93	91	1391857	3.681	ppbv	96
60) o-Xylene	13.66	91	571165	1.580	ppbv	100
61) Styrene	13.50	104	528892	2.360	ppbv	98
64) n-propylbenzene	15.53	120	25834m	0.194	ppbv	
65) tert-Butylbenzene	16.72	119	58574m	0.126	ppbv	
72) 4-Ethyltoluene	15.81	105	159602m	0.397	ppbv	
73) 1,3,5-Trimethylbenzene	15.96	105	145729	0.374	ppbv	99
74) 1,2,4-Trimethylbenzene	16.73	105	523075	1.314	ppbv #	70

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

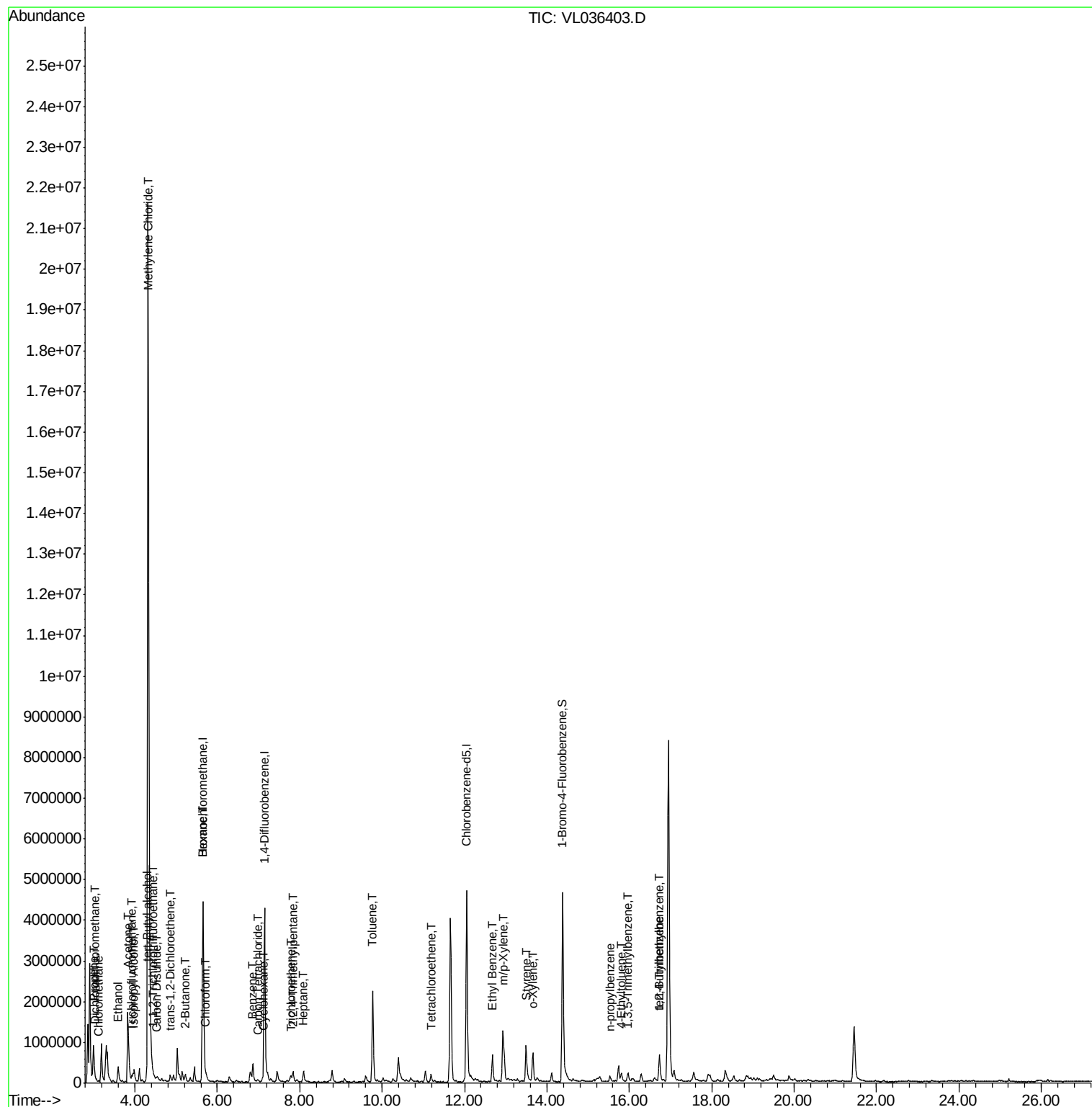
Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022621\
Data File : VL036403.D
Acq On : 26 Feb 2021 15:35
Operator : SY/AP
Sample : M1502-02
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

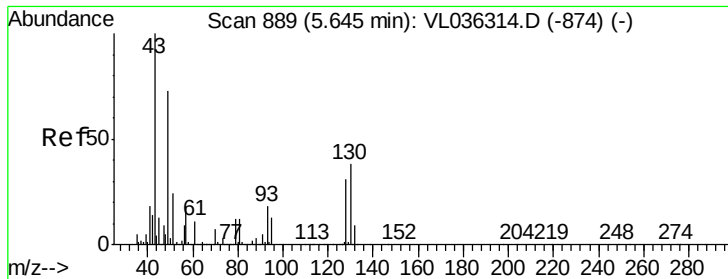
Instrument :
MSVOA_L
ClientSampleId :
SG-5

Manual Integrations
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3/1/2021 10:08:29 AM

Quant Time: Feb 28 17:44:23 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.00 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

ClientSampled :

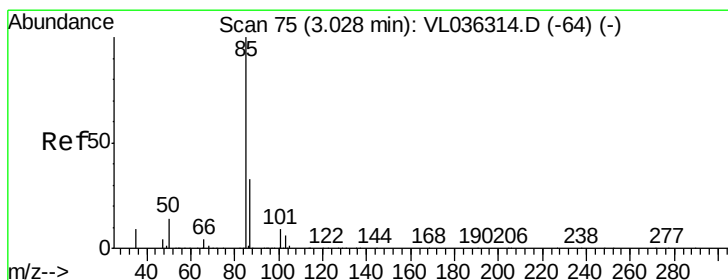
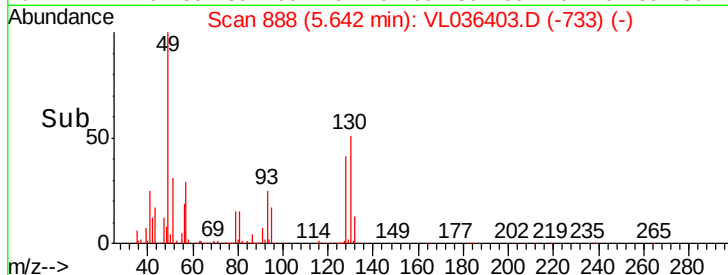
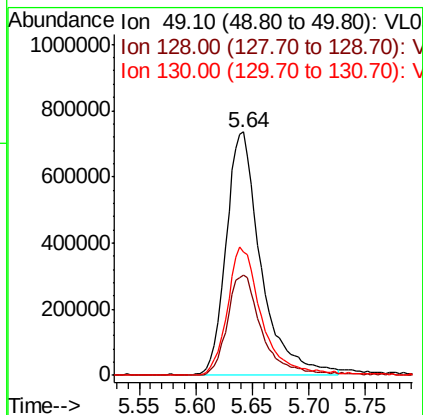
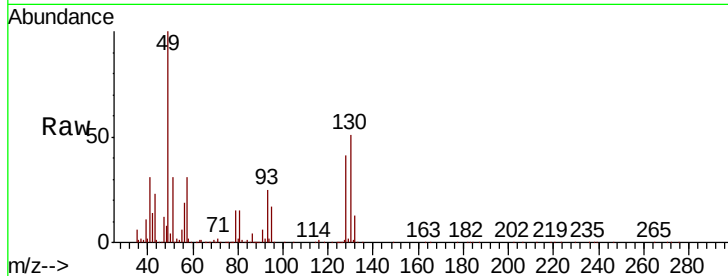
SG-5

Tot Ion: 49 Resp: 1561109

Ion	Ratio	Lower	Upper
49	100		
128	42.2	20.8	62.5
130	53.2	26.7	80.1

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#2

Dichlorodifluoromethane

Concen: 0.177 ppbv

RT: 3.03 min Scan# 75

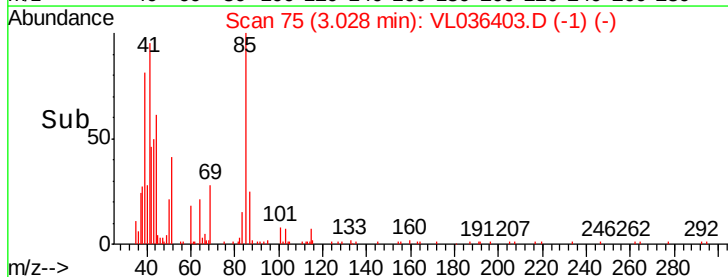
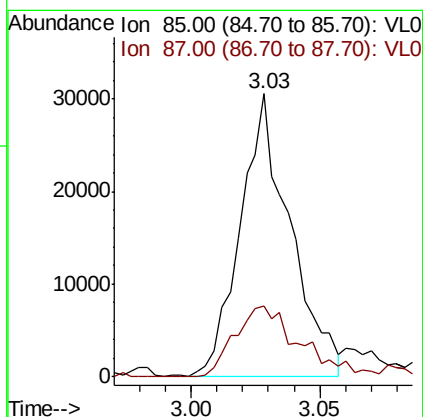
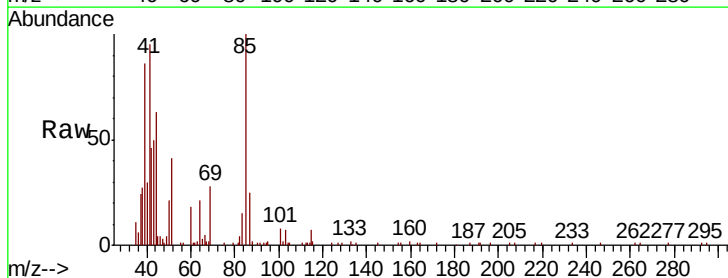
Delta R.T. 0.00 min

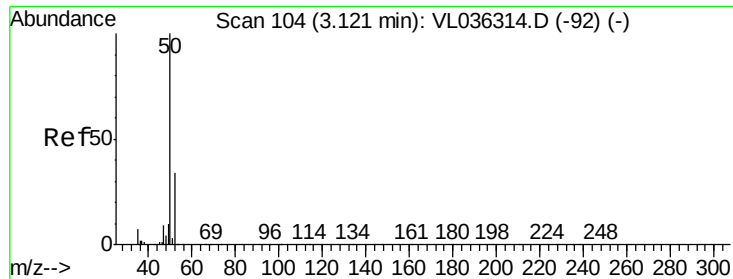
Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Tgt Ion: 85 Resp: 41153

Ion	Ratio	Lower	Upper
85	100		
87	25.2	26.5	39.7





#4

Chloromethane

Concen: 0.397 ppbv

RT: 3.12 min Scan# 104

Delta R.T. 0.00 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

ClientSampled :

SG-5

Tot Ion: 50 Resp: 37233

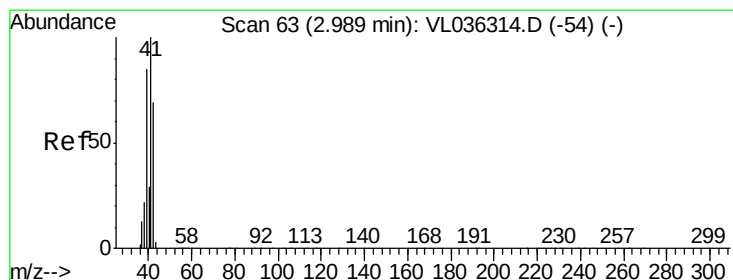
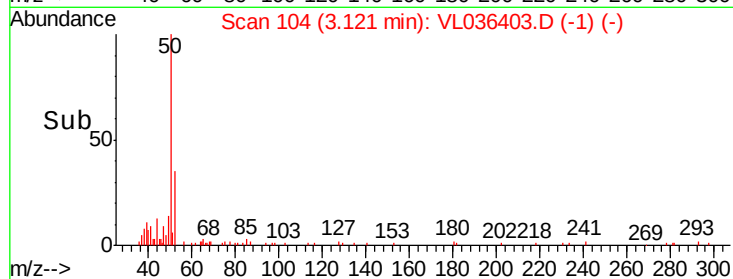
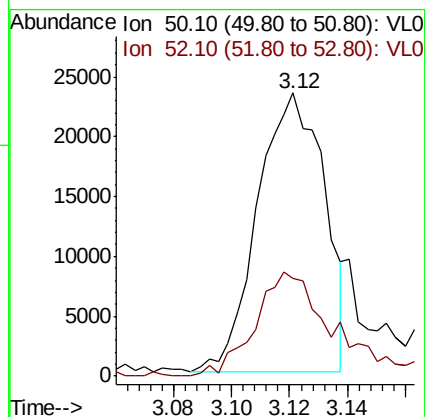
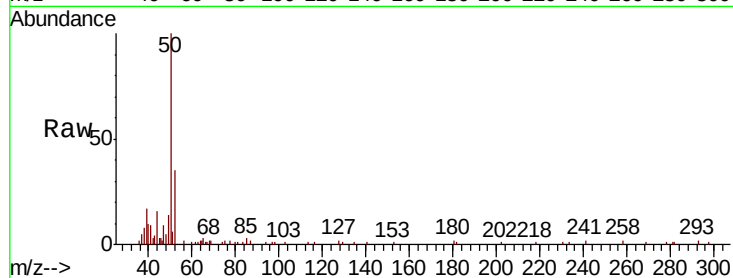
Ion Ratio Lower Upper

50 100

52 35.3 27.0 40.4

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#9

Propene

Concen: 5.532 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.00 min

Lab File: VL036403.D

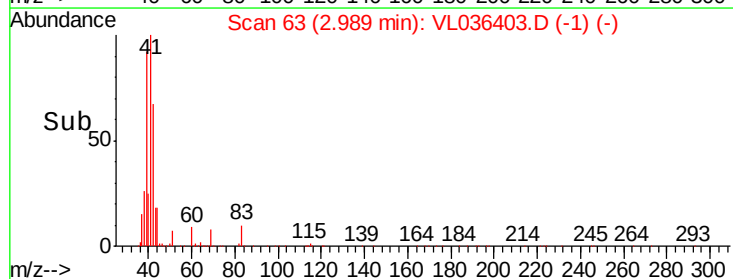
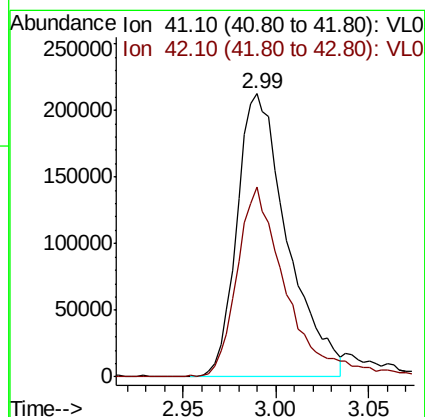
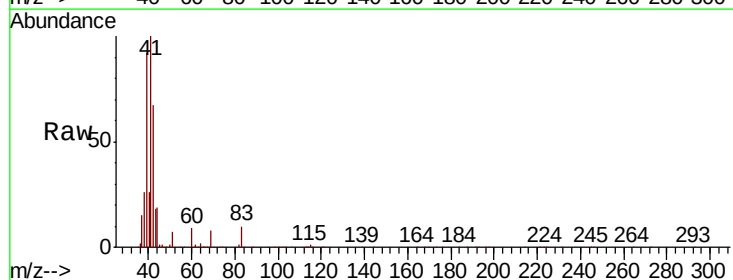
Acq: 26 Feb 2021 15:35

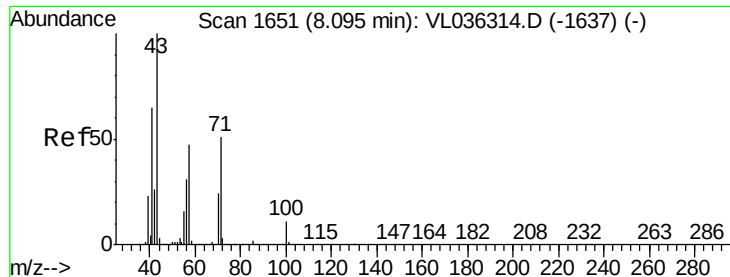
Tgt Ion: 41 Resp: 400087

Ion Ratio Lower Upper

41 100

42 66.8 56.2 84.2





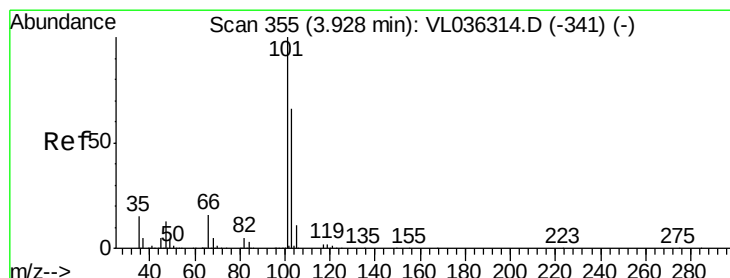
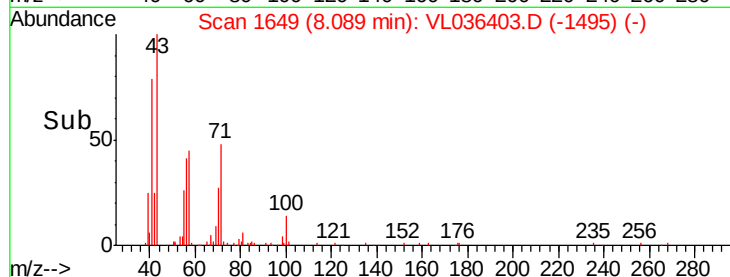
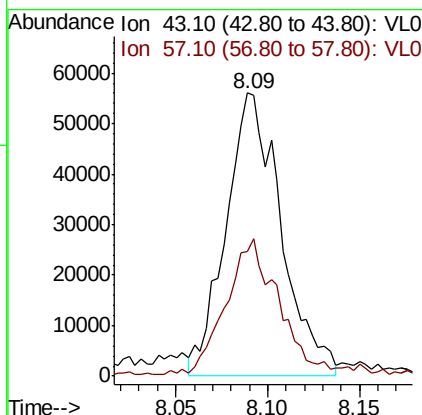
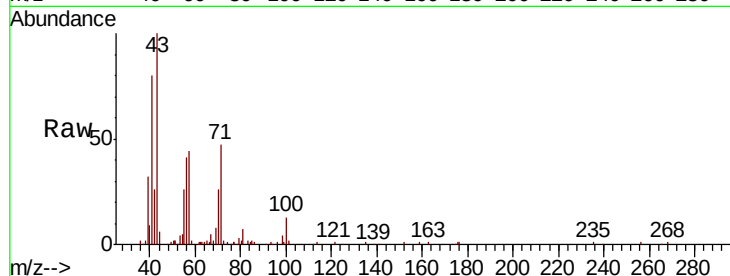
#10
Heptane
Concen: 0.550 ppbv m
RT: 8.09 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Instrument :
MSVOA_L
ClientSampled :
SG-5

Tot Ion: 43 Resp: 117136
Ion Ratio Lower Upper
43 100
57 50.3 39.4 59.2

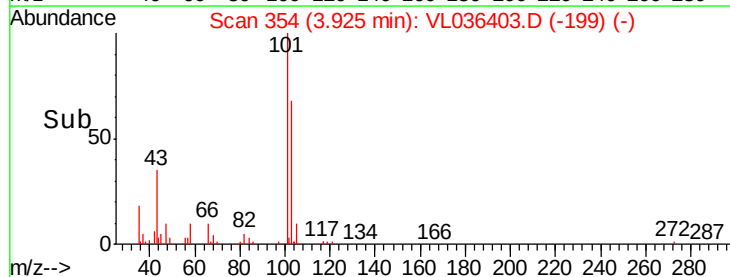
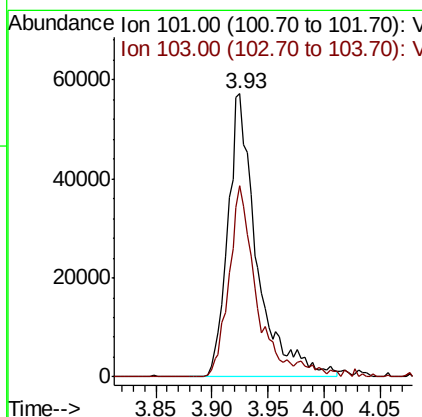
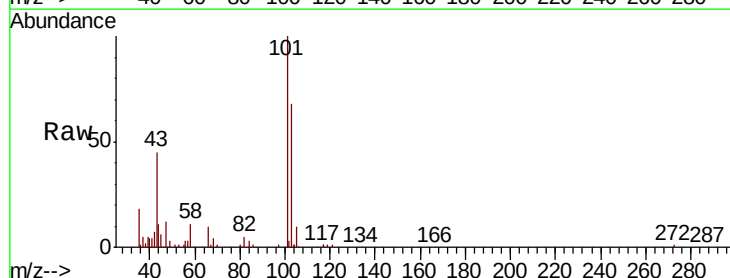
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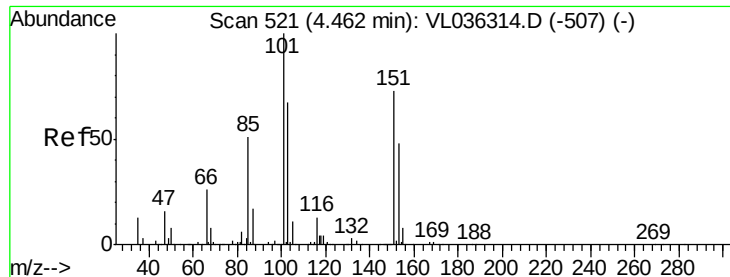
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#11
Trichlorofluoromethane
Concen: 0.452 ppbv m
RT: 3.93 min Scan# 354
Delta R.T. -0.00 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Tgt Ion: 101 Resp: 103066
Ion Ratio Lower Upper
101 100
103 67.5 52.9 79.3





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.108 ppbv m

RT: 4.46 min Scan# 519

Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

ClientSampled :

SG-5

Tot Ion:101 Resp: 15239

Ion Ratio Lower Upper

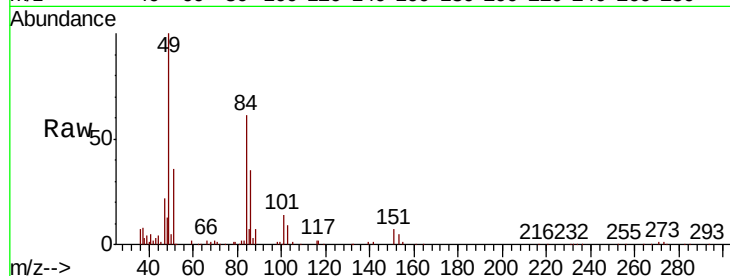
101 100

151 0.0 58.2 87.4#

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

10000

8000

6000

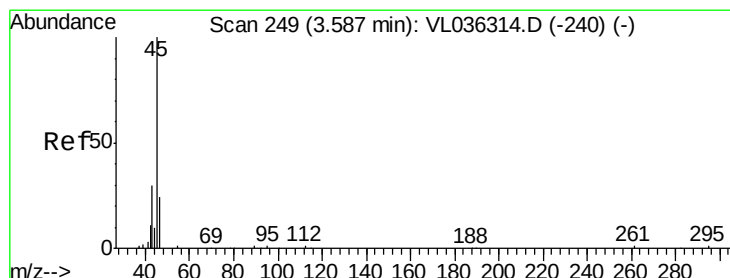
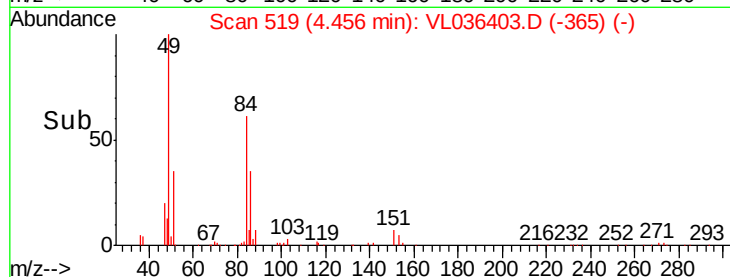
4000

2000

0

4.40 4.45 4.50

Time-->



#13

Ethanol

Concen: 39.999 ppbv

RT: 3.59 min Scan# 249

Delta R.T. 0.00 min

Lab File: VL036403.D

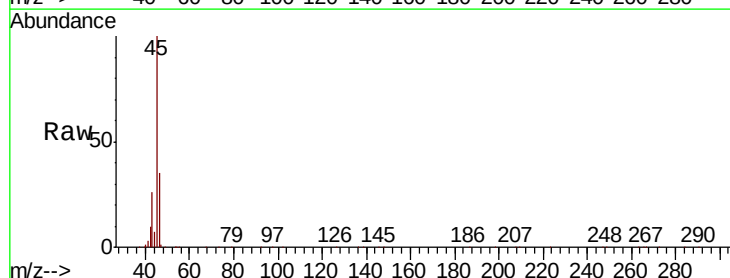
Acq: 26 Feb 2021 15:35

Tgt Ion: 45 Resp: 543329

Ion Ratio Lower Upper

45 100

46 36.6 17.7 70.7



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

250000

200000

150000

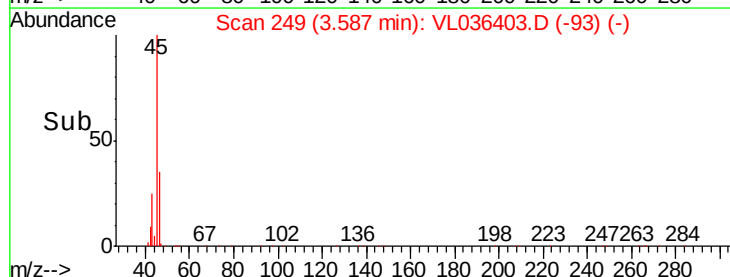
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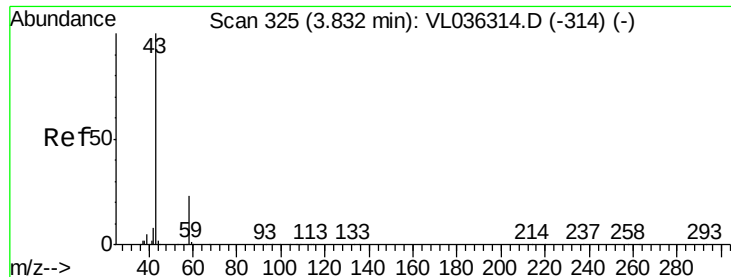
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0

3.50 3.55 3.60 3.65 3.70

Time-->





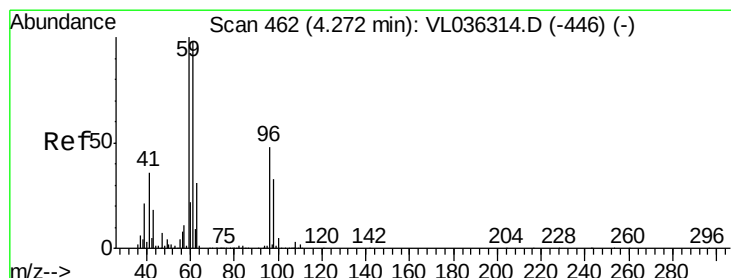
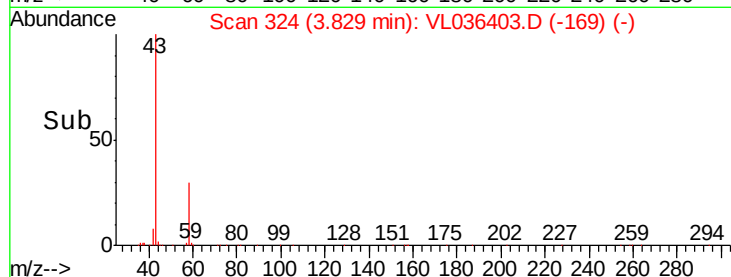
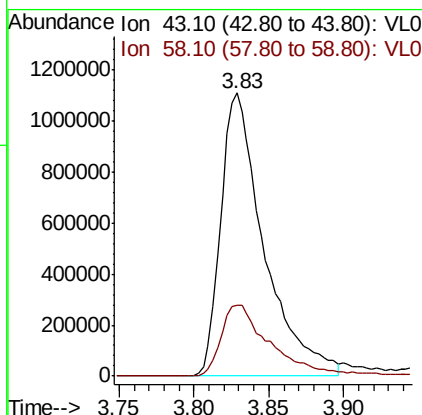
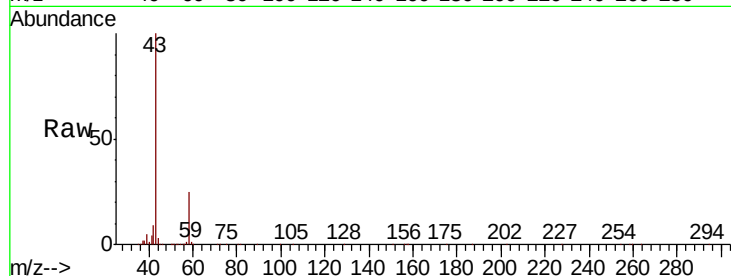
#15
Acetone
Concen: 11.656 ppbv
RT: 3.83 min Scan# 324
Delta R.T. -0.00 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Instrument :
MSVOA_L
ClientSampleId :
SG-5

Tot Ion: 43 Resp: 2224302
Ion Ratio Lower Upper
43 100
58 30.1 20.3 30.5

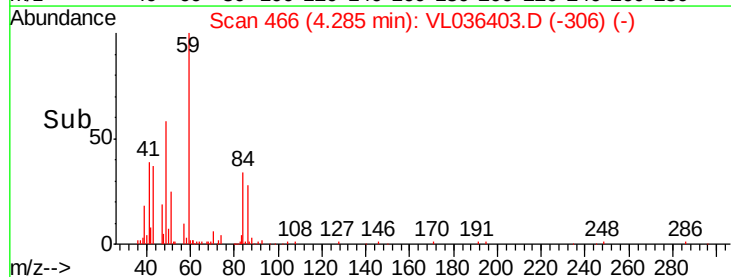
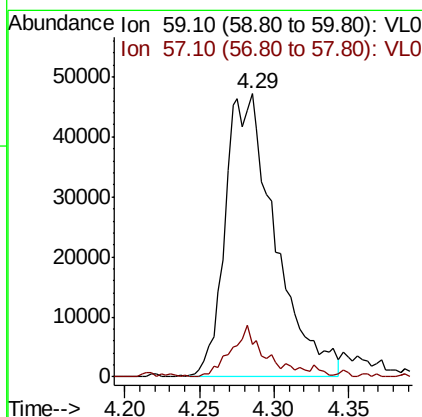
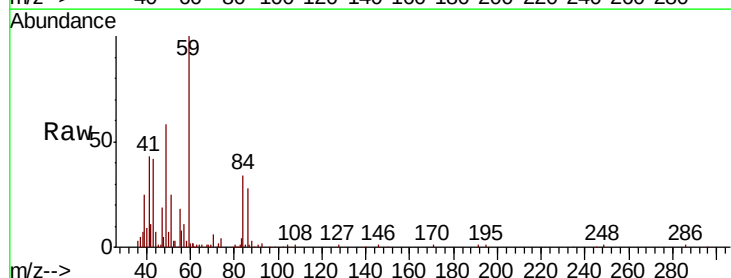
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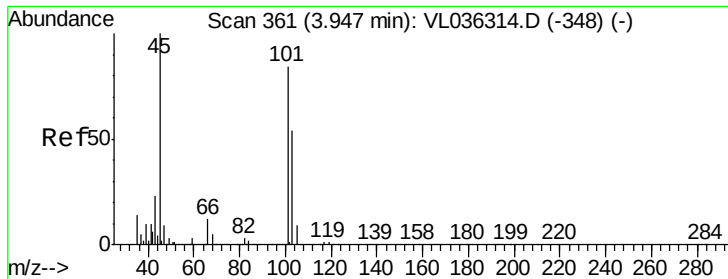
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#17
tert-Butyl alcohol
Concen: 0.741 ppbv m
RT: 4.29 min Scan# 466
Delta R.T. 0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Tgt Ion: 59 Resp: 109767
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#





#19

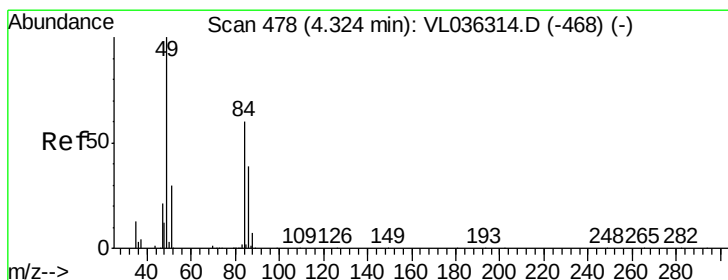
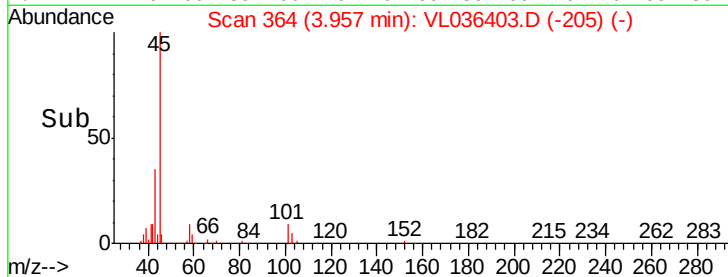
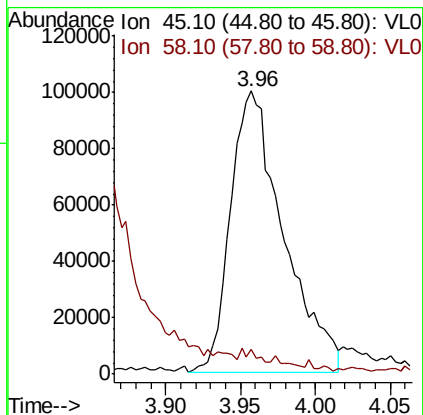
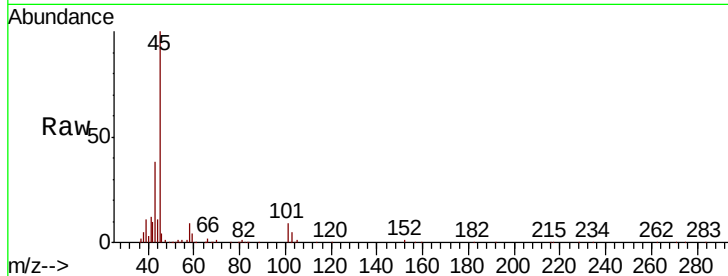
Isopropyl Alcohol
 Concen: 2.318 ppbv
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VL036403.D
 Acq: 26 Feb 2021 15:35

Instrument :
 MSVOA_L
 ClientSampled :
 SG-5

Tot Ion	Ratio	Lower	Upper
45	100		
58	273.0	1.9	2.9#

Manual Integrations
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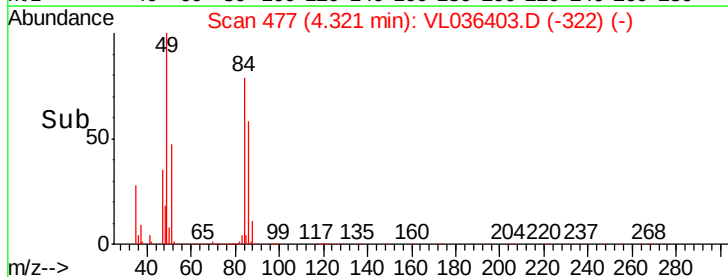
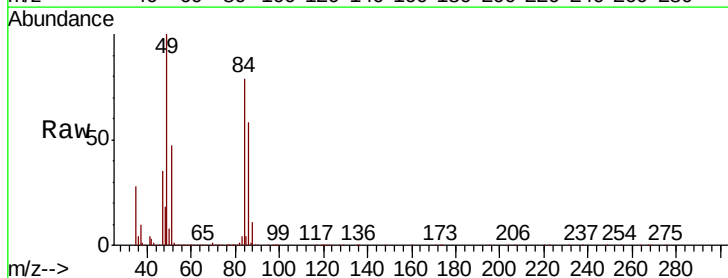
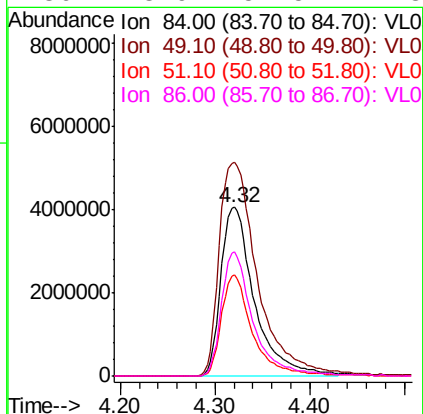
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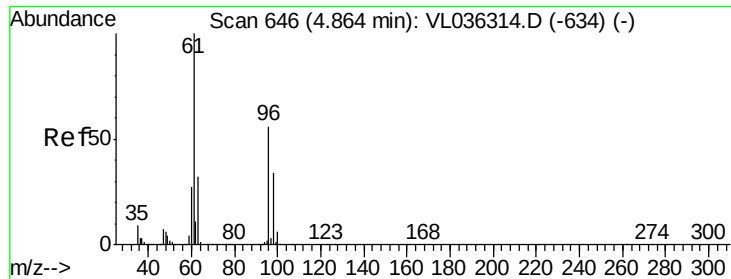


#20

Methylene Chloride
 Concen: 162.648 ppbv
 RT: 4.32 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: VL036403.D
 Acq: 26 Feb 2021 15:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.4	133.8	200.8#
51	59.7	41.4	62.0
86	73.9	51.5	77.3





#22

trans-1,2-Dichloroethene

Concen: 0.891 ppbv m

RT: 4.86 min Scan# 645

Delta R.T. -0.00 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

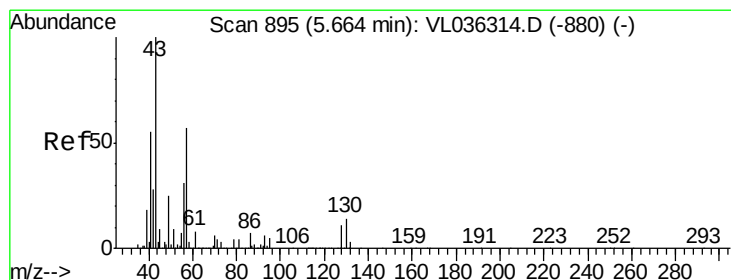
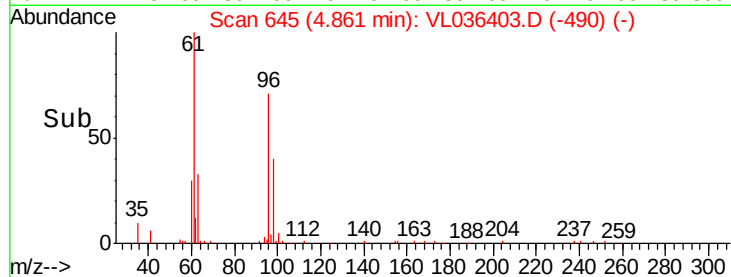
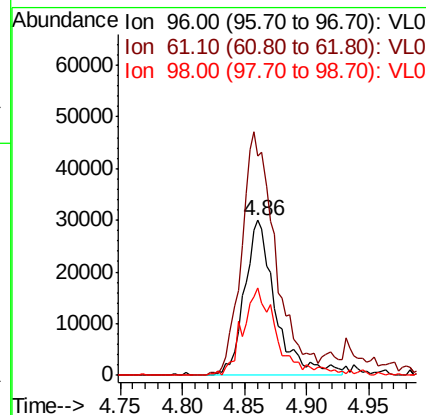
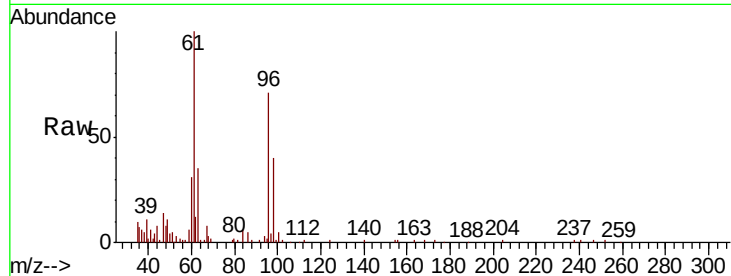
ClientSampleId :

SG-5

Tot Ion:	96	Resp:	51985
Ion Ratio	Lower	Upper	
96	100		
61	141.6	143.7	215.5#
98	56.6	48.5	72.7

Manual Integrations
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3/1/2021 10:08:29 AM



#26

Hexane

Concen: 8.638 ppbv

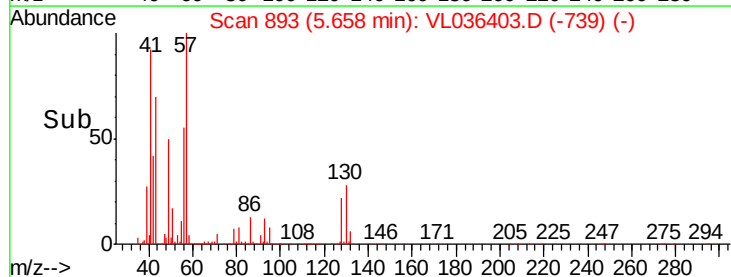
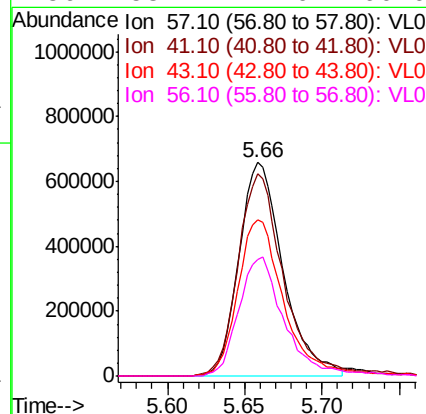
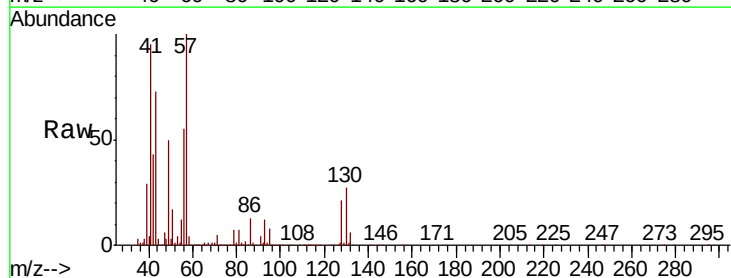
RT: 5.66 min Scan# 893

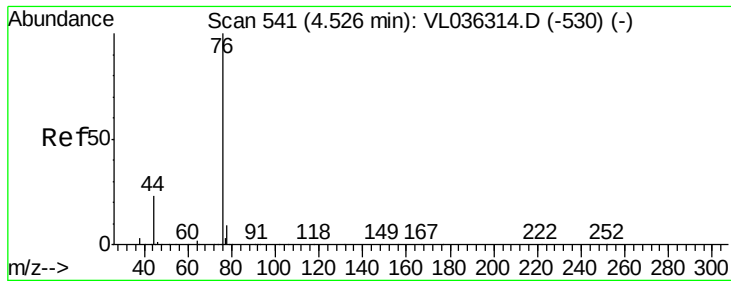
Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Tgt Ion:	57	Resp:	1307500
Ion Ratio	Lower	Upper	
57	100		
41	99.6	81.7	122.5
43	77.1	199.1	298.7#
56	58.2	44.0	66.0





#27

Carbon Disulfide

Concen: 0.427 ppbv

RT: 4.52 min Scan# 540

Delta R.T. -0.00 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

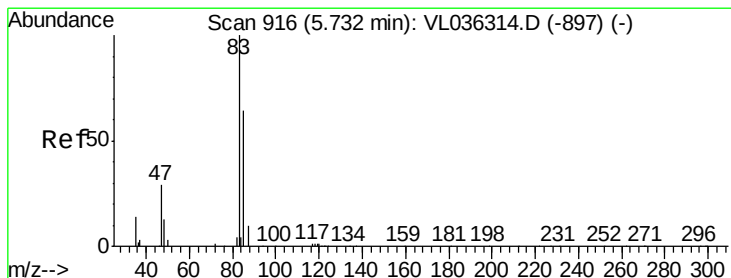
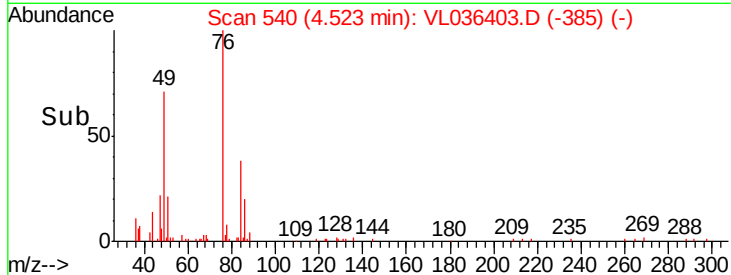
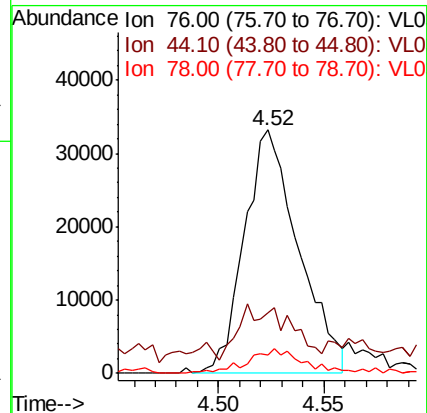
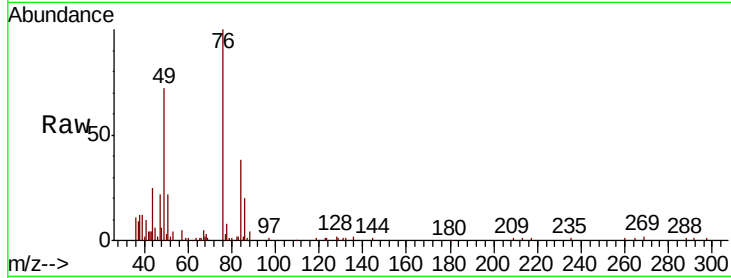
ClientSampled :

SG-5

Tot Ion:	76	Resp:	59343
Ion	Ratio	Lower	Upper
76	100		
44	18.9	18.4	27.6
78	10.0	8.0	12.0

Manual Integrations
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#29

Chloroform

Concen: 0.186 ppbv m

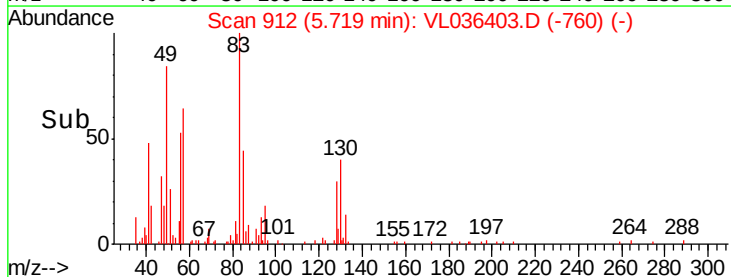
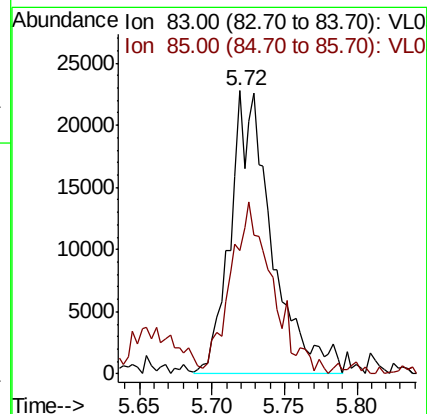
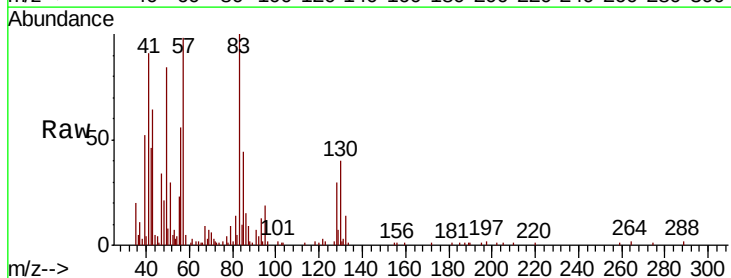
RT: 5.72 min Scan# 912

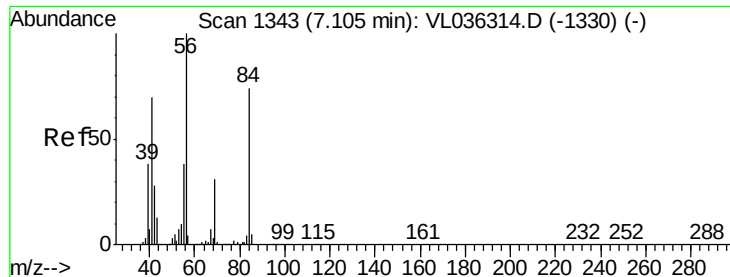
Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Tgt Ion:	83	Resp:	45297
Ion	Ratio	Lower	Upper
83	100		
85	43.6	51.4	77.2#





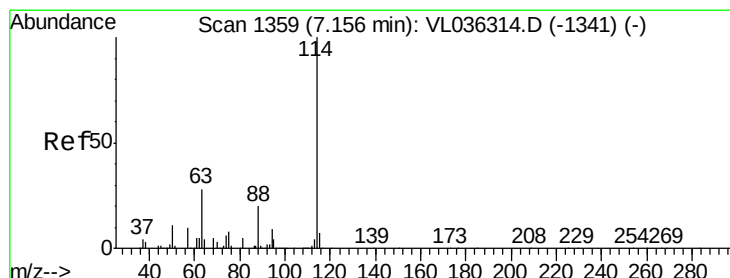
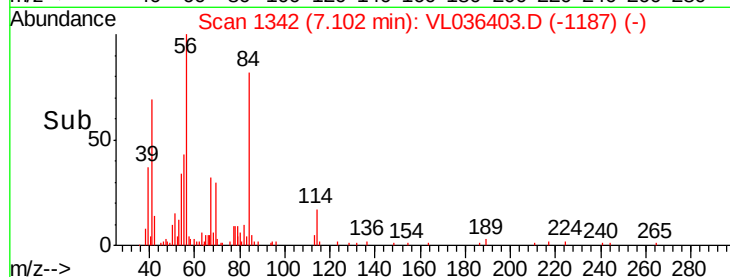
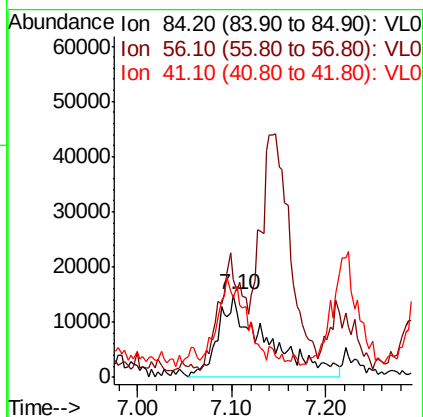
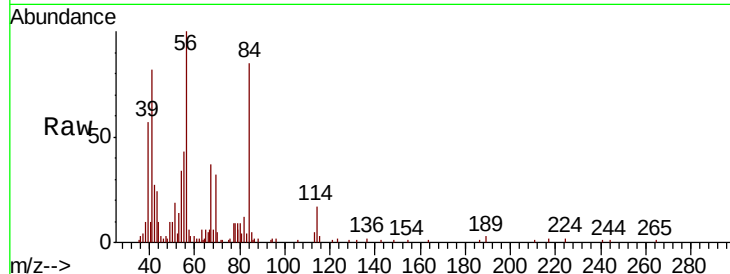
#30
Cyclohexane
Concen: 0.420 ppbv m
RT: 7.10 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Instrument :
MSVOA_L
ClientSampled :
SG-5

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	120.2	180.4#
41	68.1	79.7	119.5#

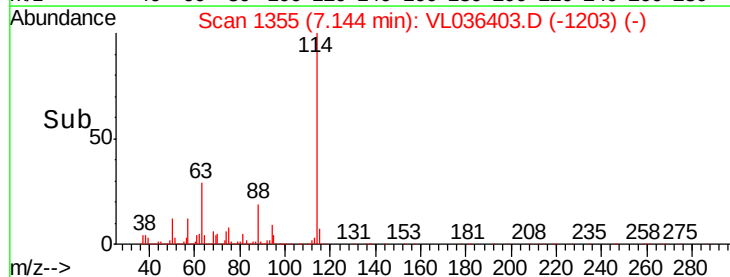
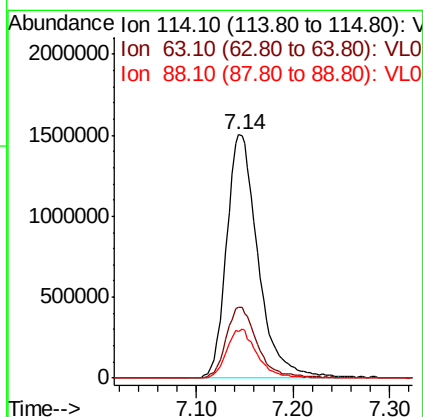
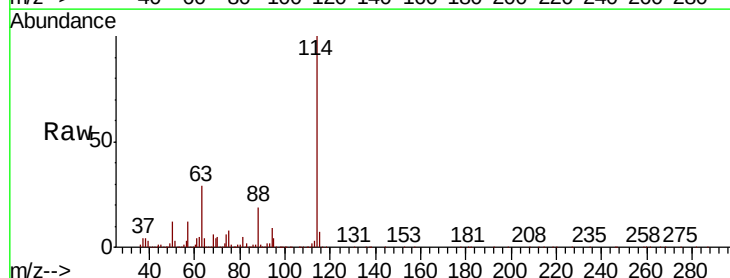
Manual Integrations
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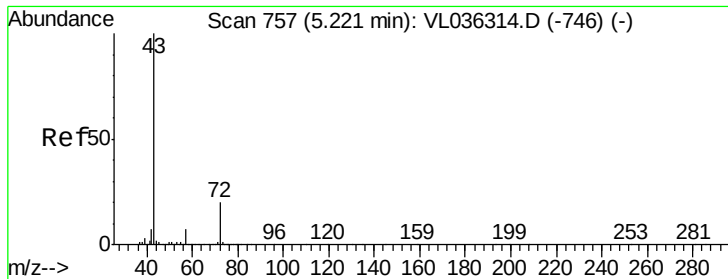
MMDadoda
3/1/2021 10:08:29 AM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.0	24.1	36.1
88	19.7	16.0	24.0





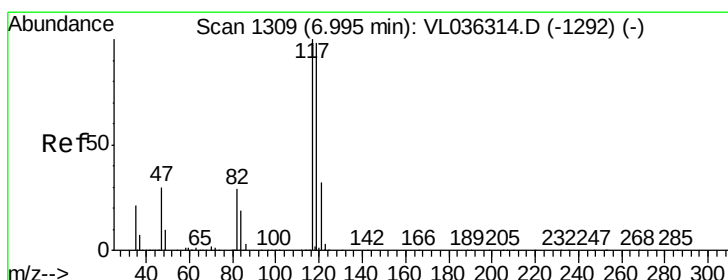
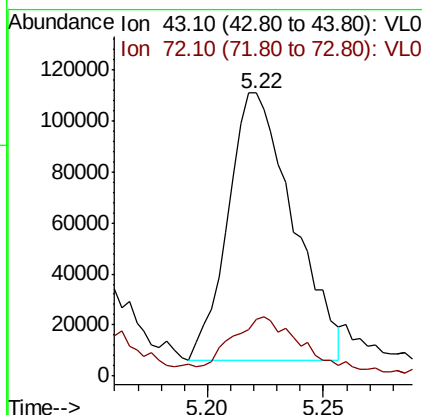
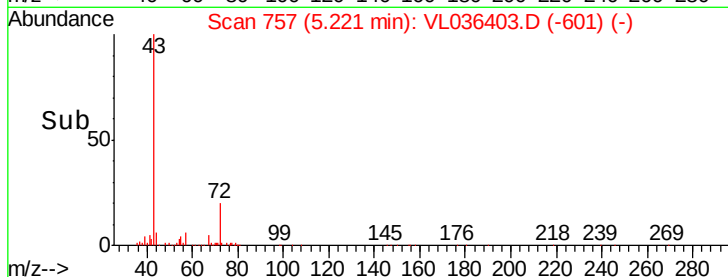
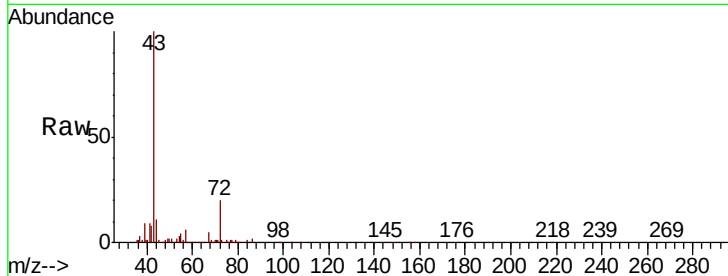
#34
2-Butanone
Concen: 0.903 ppbv
RT: 5.22 min Scan# 757
Delta R.T. 0.00 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Instrument :
MSVOA_L
ClientSampled :
SG-5

Tot Ion: 43 Resp: 203602
Ion Ratio Lower Upper
43 100
72 28.4 16.7 25.1#

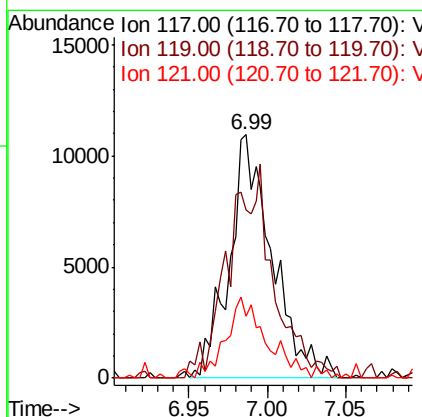
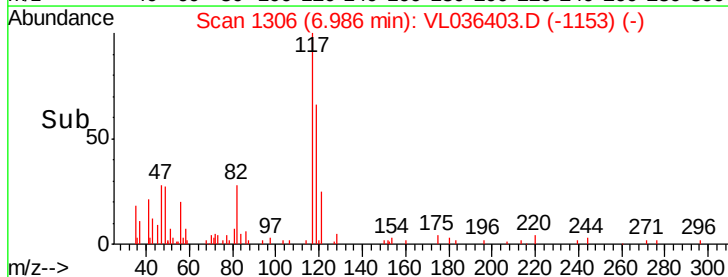
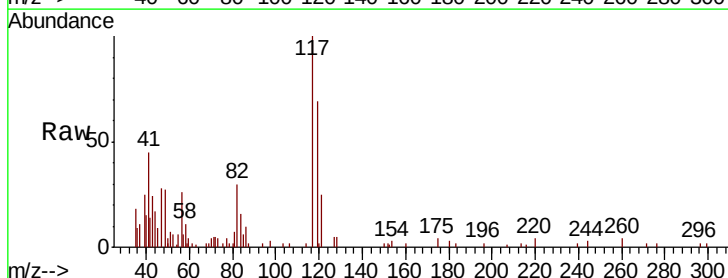
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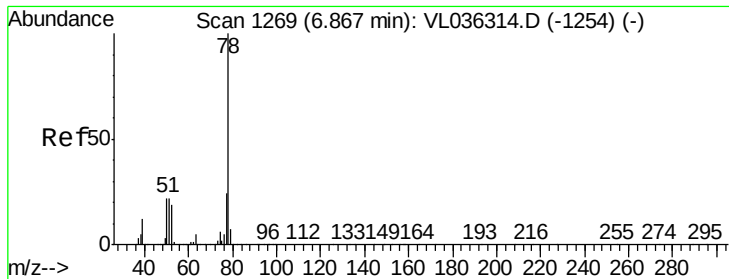
MMDadoda
3/1/2021 10:08:29 AM



#35
Carbon Tetrachloride
Concen: 0.092 ppbv m
RT: 6.99 min Scan# 1306
Delta R.T. -0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Tgt Ion: 117 Resp: 20980
Ion Ratio Lower Upper
117 100
119 69.1 78.1 117.1#
121 25.3 25.8 38.8#





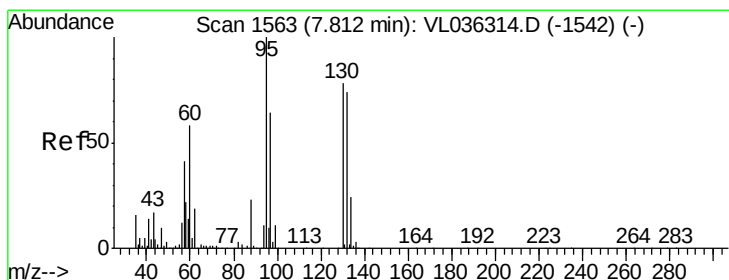
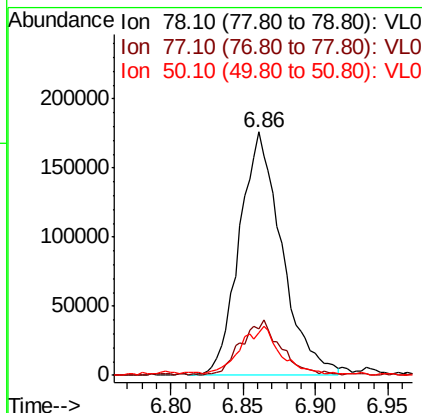
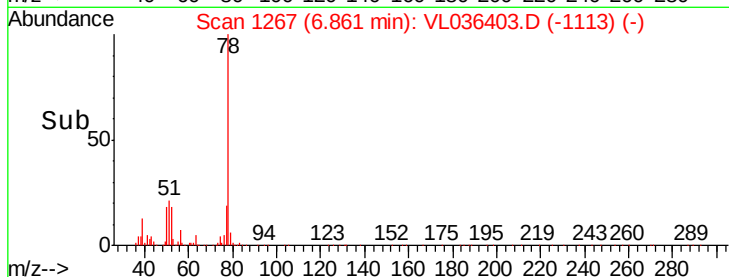
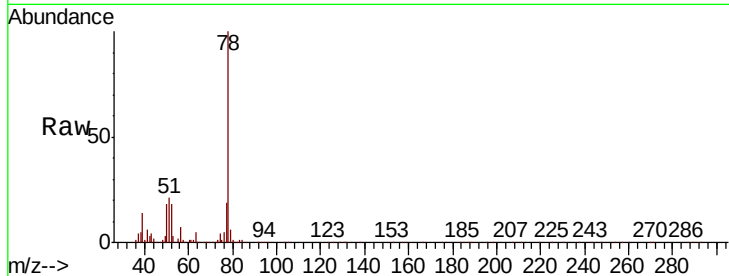
#36
Benzene
Concen: 1.244 ppbv
RT: 6.86 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Instrument :
MSVOA_L
ClientSampleId :
SG-5

Tot Ion	Ratio	Lower	Upper
78	100		
77	19.0	18.9	28.3
50	17.1	17.3	25.9#

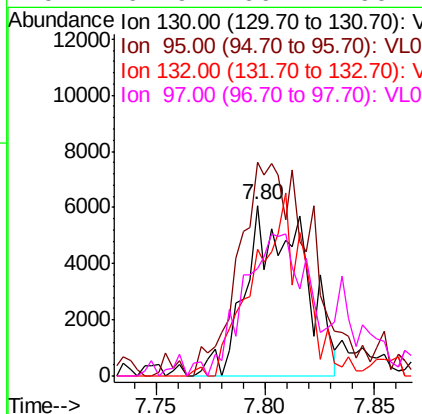
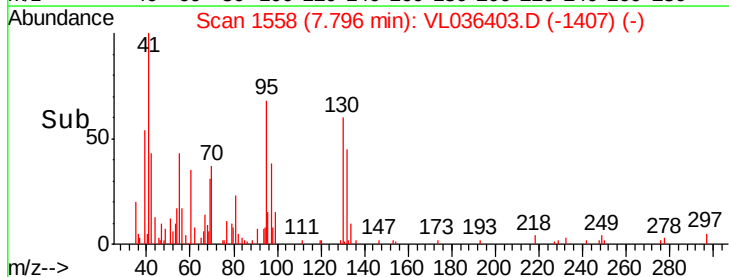
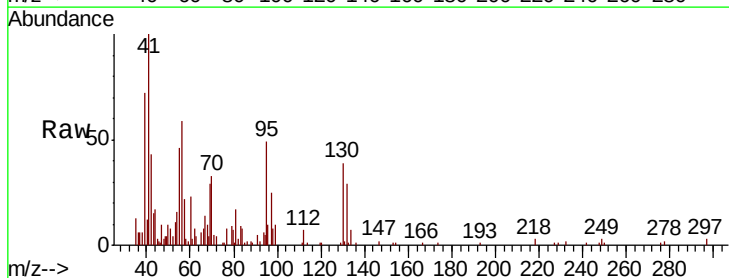
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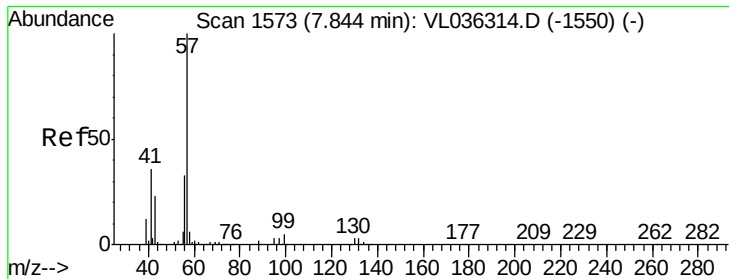
MMDadoda
3/1/2021 10:08:29 AM



#38
Trichloroethene
Concen: 0.107 ppbv m
RT: 7.80 min Scan# 1558
Delta R.T. -0.02 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	125.5	102.8	154.2
132	74.7	75.7	113.5#
97	62.9	66.2	99.2#





#44

2,2,4-Trimethylpentane

Concen: 0.366 ppbv m

RT: 7.84 min Scan# 1571

Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

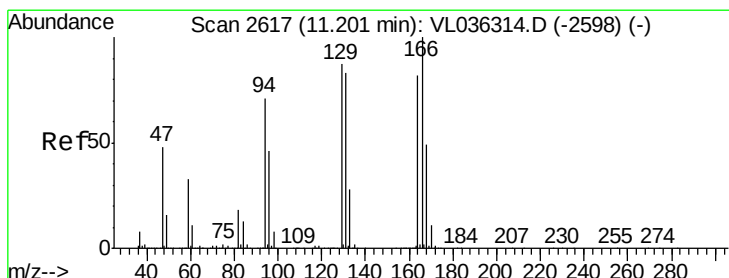
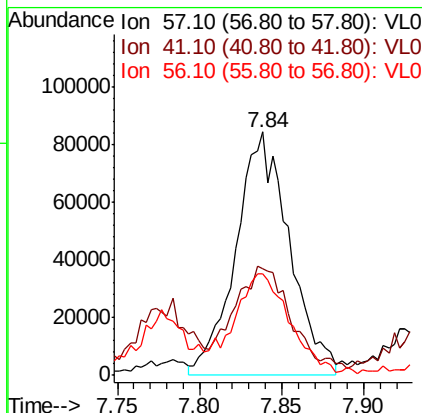
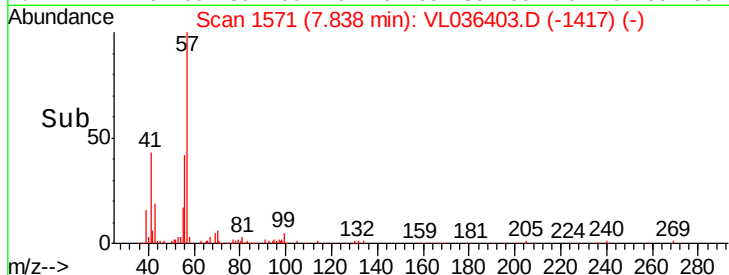
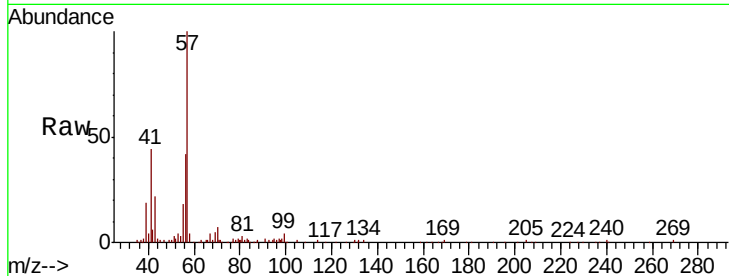
ClientSampled :

SG-5

Tot Ion	Ratio	Lower	Upper
57	100		
41	47.6	28.8	43.2#
56	44.9	25.8	38.6#

Manual Integrations
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MMDadoda
3/1/2021 10:08:29 AM



#52

Tetrachloroethene

Concen: 0.399 ppbv m

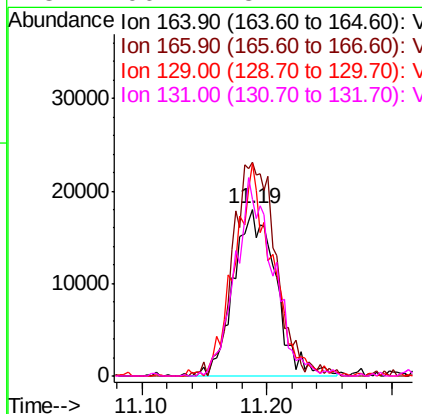
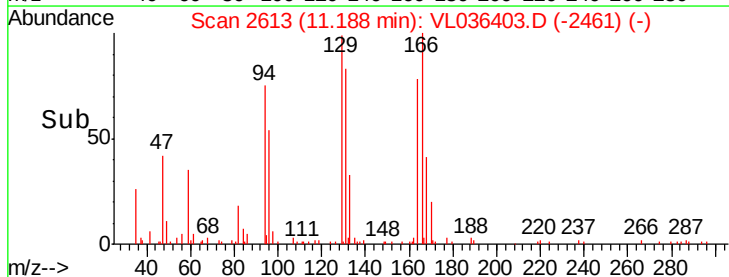
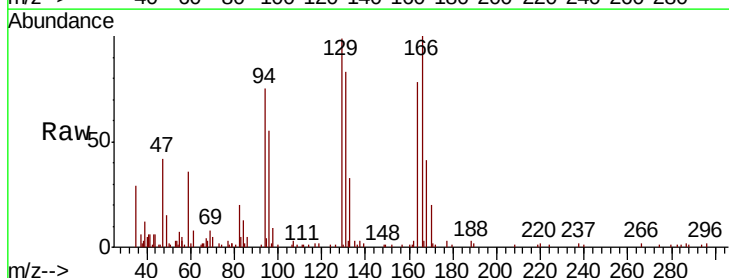
RT: 11.19 min Scan# 2613

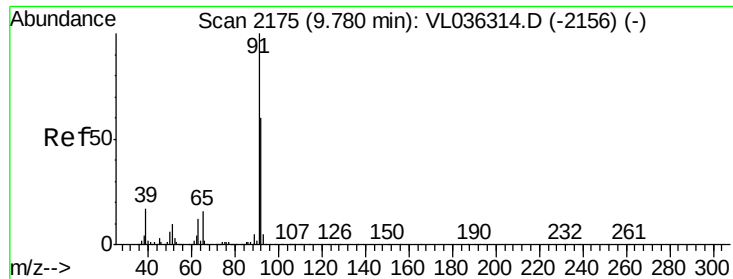
Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	97.8	146.8
129	127.4	84.9	127.3#
131	106.1	81.4	122.2





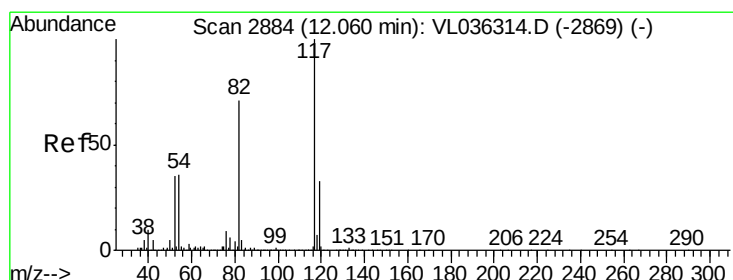
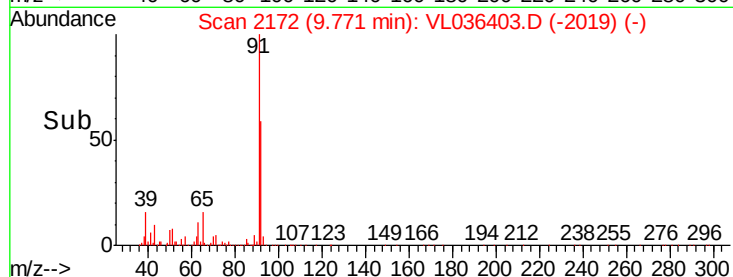
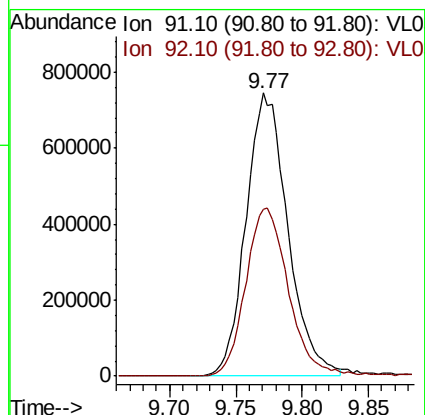
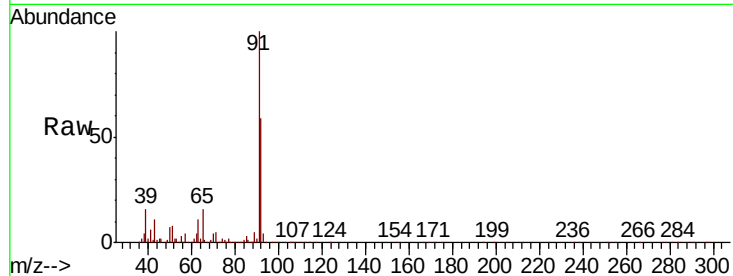
#53
Toluene
Concen: 5.242 ppbv
RT: 9.77 min Scan# 2172
Delta R.T. -0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Instrument :
MSVOA_L
ClientSampleId :
SG-5

Tot Ion: 91 Resp: 1636975
Ion Ratio Lower Upper
91 100
92 61.7 48.6 72.8

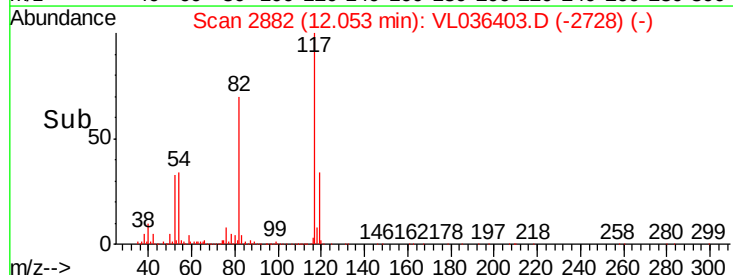
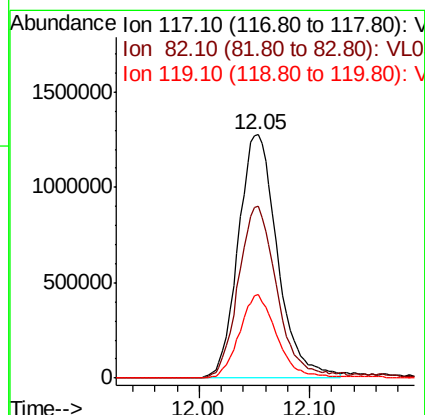
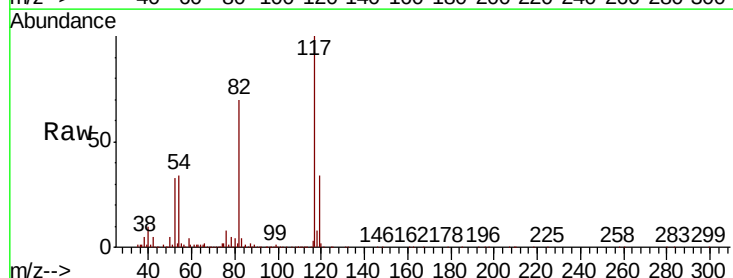
Manual Integrations
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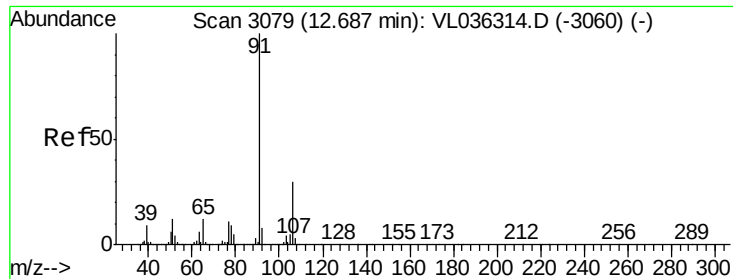
MMDadoda
3/1/2021 10:08:29 AM



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Tgt Ion: 117 Resp: 3144081
Ion Ratio Lower Upper
117 100
82 70.3 59.1 88.7
119 33.5 46.3 69.5#





#58

Ethyl Benzene

Concen: 1.364 ppbv

RT: 12.68 min Scan# 3076

Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

ClientSampled :

SG-5

Tot Ion: 91 Resp: 587060

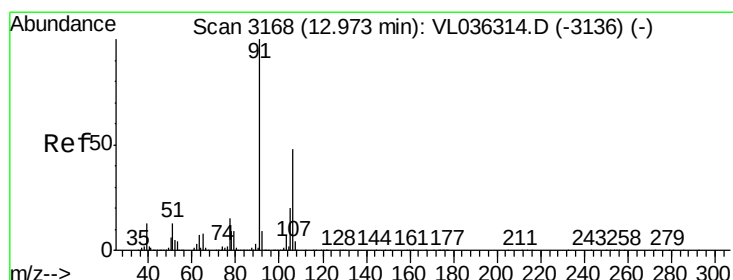
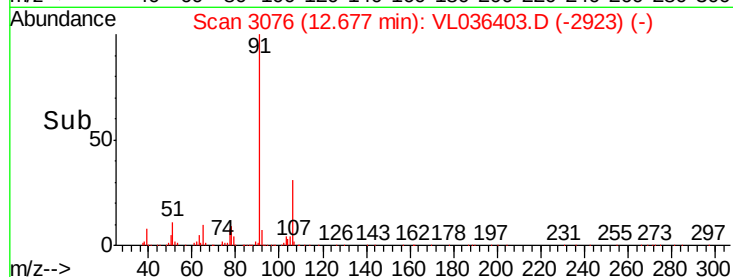
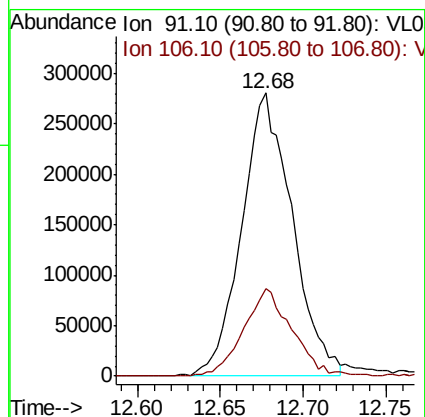
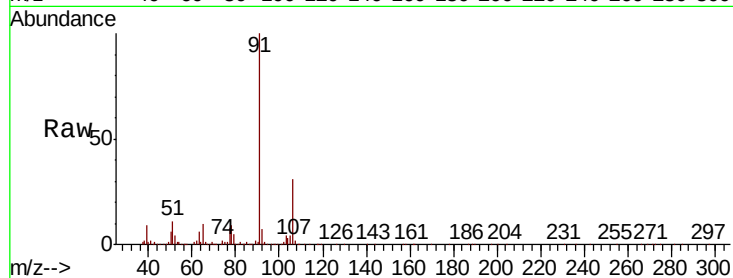
Ion Ratio Lower Upper

91 100

106 30.9 23.8 35.6

Manual Integrations
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MMDadoda
3/1/2021 10:08:29 AM



#59

m/p-Xylene

Concen: 3.681 ppbv

RT: 12.93 min Scan# 3155

Delta R.T. -0.04 min

Lab File: VL036403.D

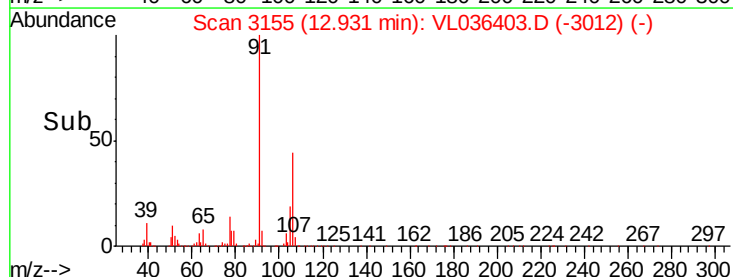
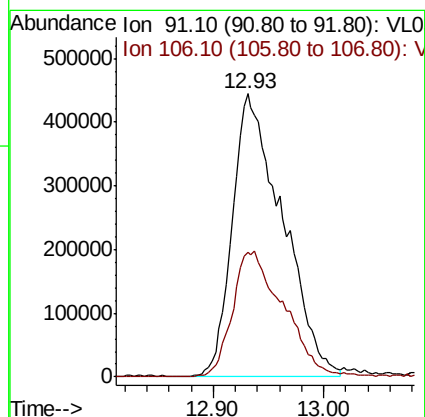
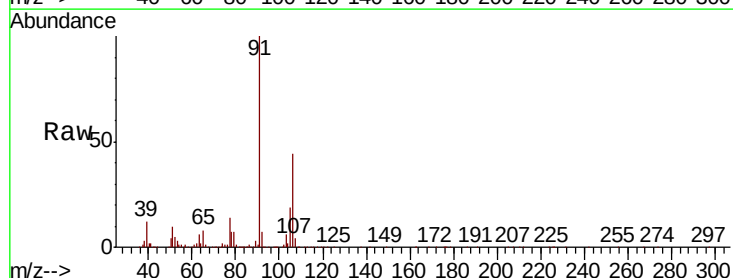
Acq: 26 Feb 2021 15:35

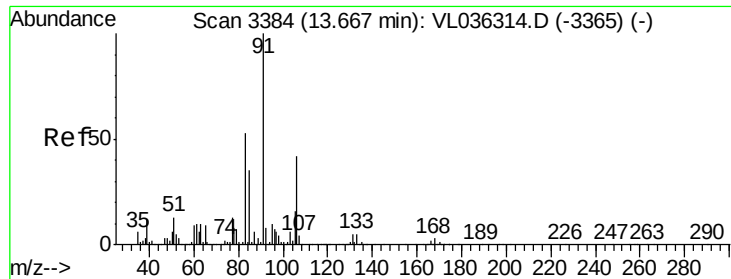
Tgt Ion: 91 Resp: 1391857

Ion Ratio Lower Upper

91 100

106 45.6 34.2 51.2





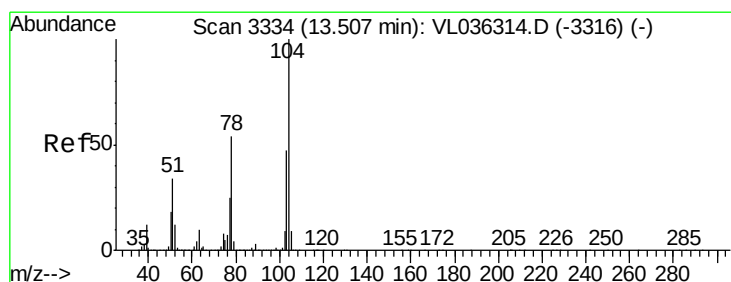
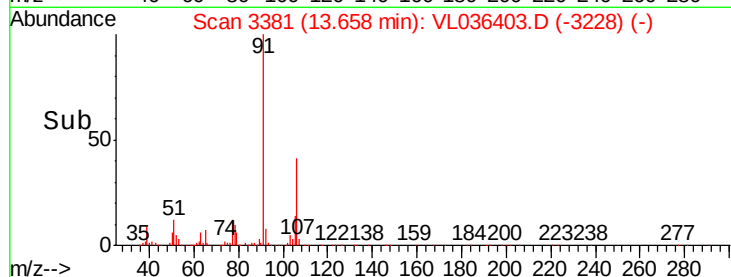
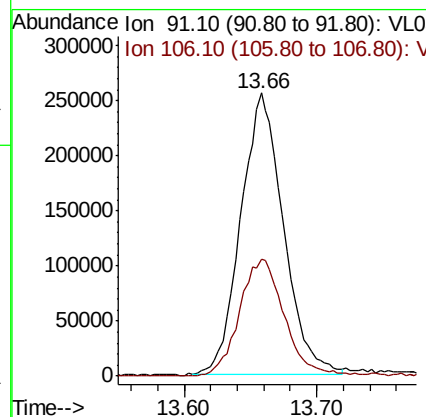
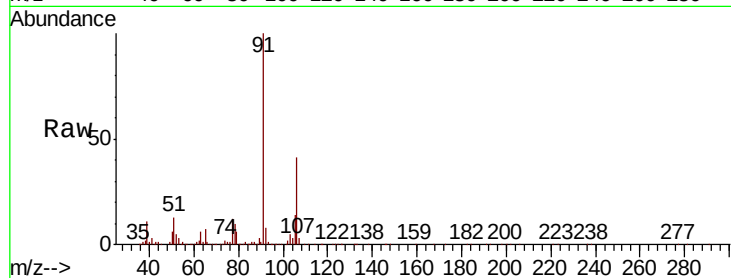
#60
o-Xylene
Concen: 1.580 ppbv
RT: 13.66 min Scan# 3381
Delta R.T. -0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Instrument :
MSVOA_L
ClientSampled :
SG-5

Tot Ion	Ratio	Lower	Upper
91	100		
106	44.2	22.0	66.0

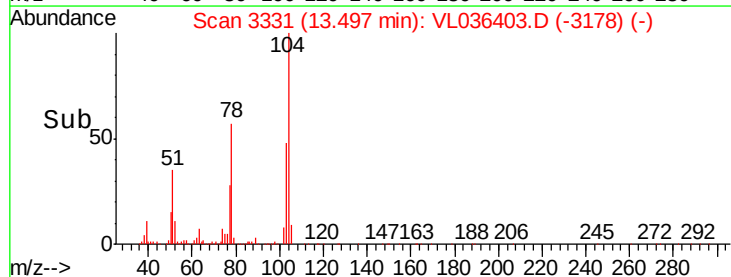
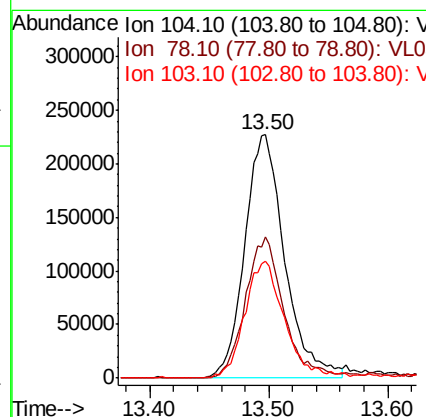
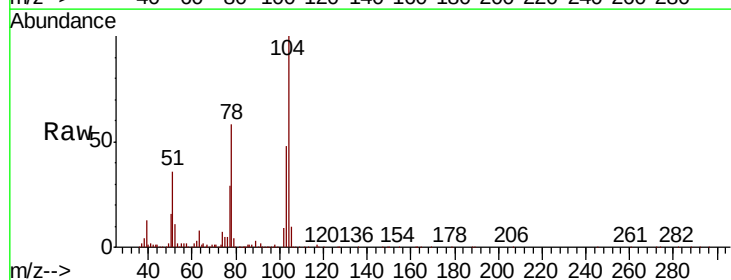
Manual Integrations
APPROVED

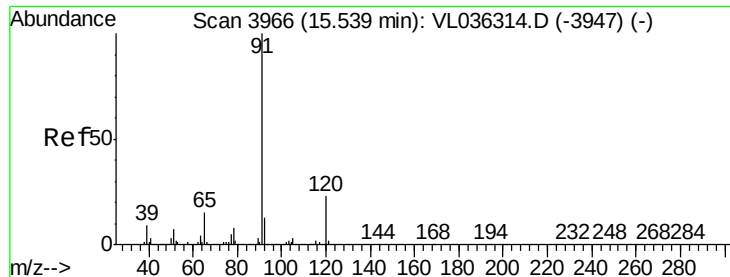
MMDadoda
3/1/2021 10:08:29 AM



#61
Styrene
Concen: 2.360 ppbv
RT: 13.50 min Scan# 3331
Delta R.T. -0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	56.1	46.2	69.2
103	49.1	38.3	57.5





#64

n-propylbenzene

Concen: 0.194 ppbv m

RT: 15.53 min Scan# 3962

Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

ClientSampleId :

SG-5

Tot Ion:120 Resp: 25834

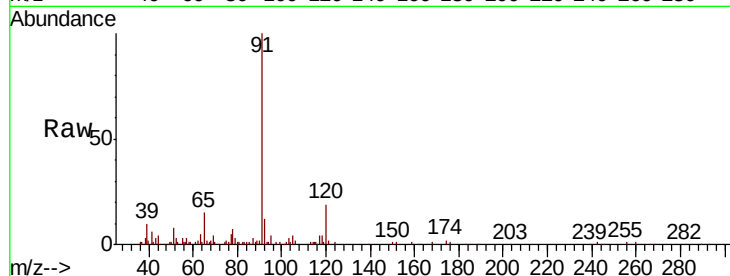
Ion Ratio Lower Upper

120 100

91 539.1 387.2 580.8

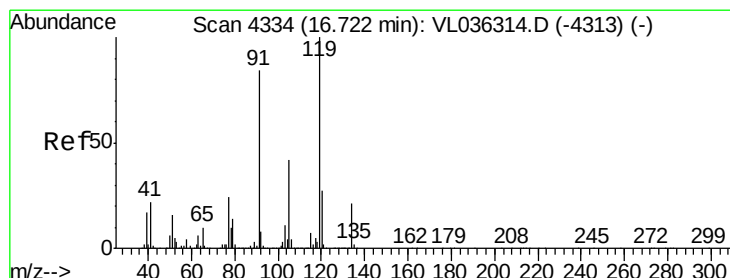
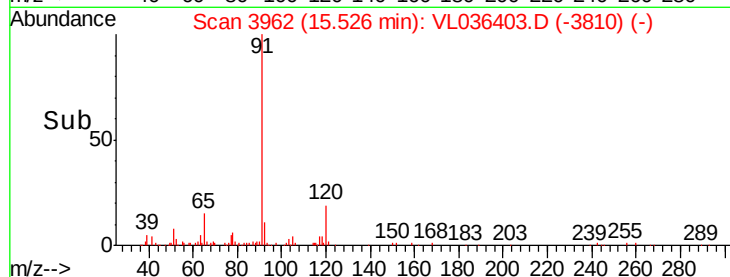
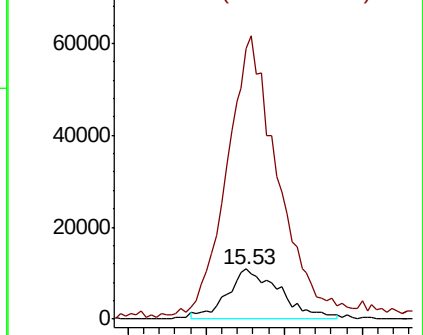
Manual Integrations
APPROVED

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3/1/2021 10:08:29 AM



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.126 ppbv m

RT: 16.72 min Scan# 4334

Delta R.T. 0.00 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

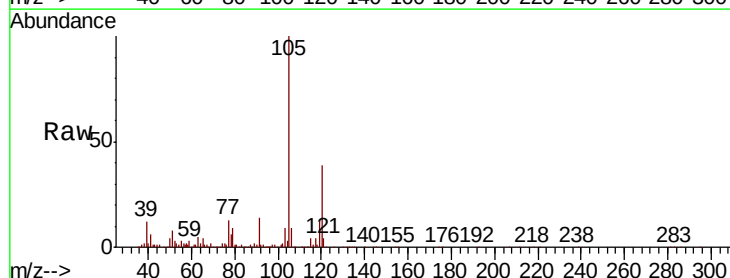
Tgt Ion:119 Resp: 58574

Ion Ratio Lower Upper

119 100

91 121.5 70.5 105.7#

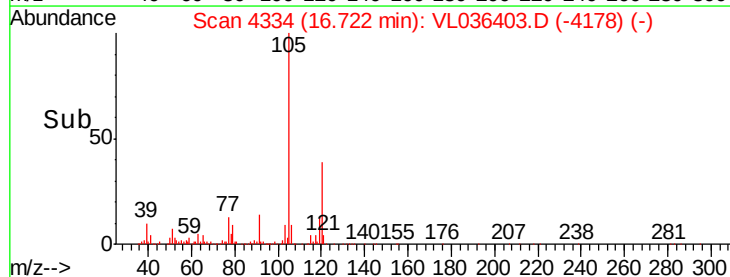
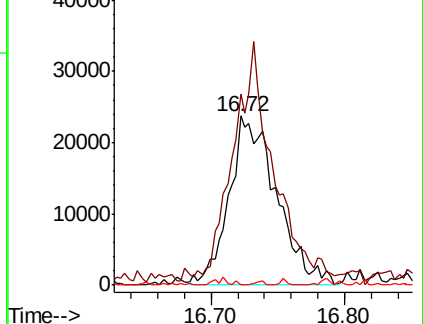
134 0.0 15.8 23.8#

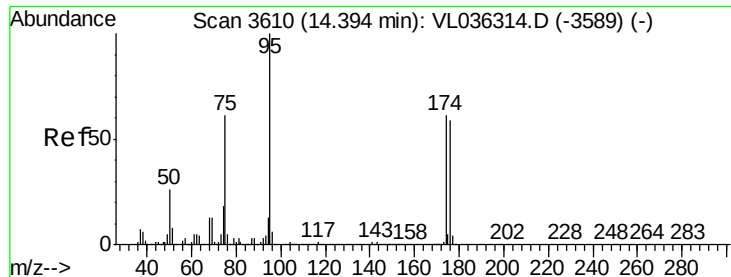


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V





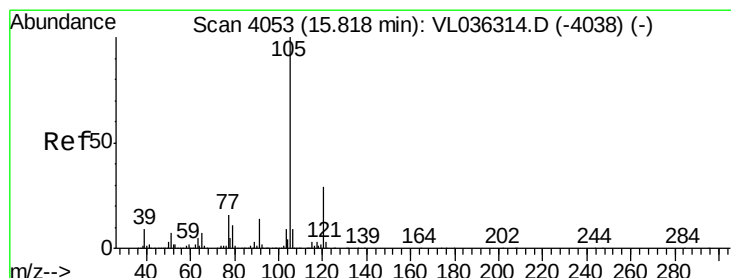
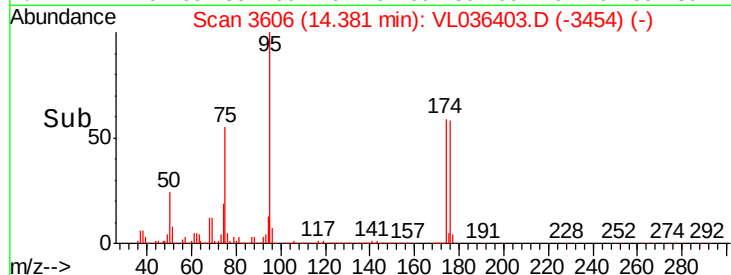
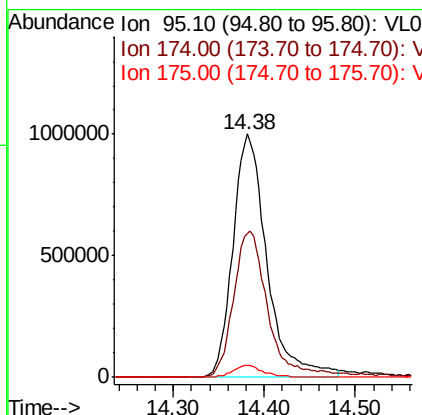
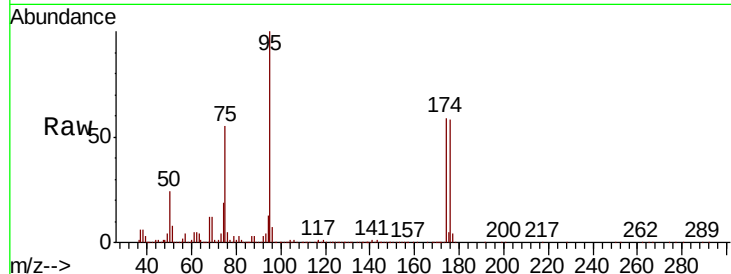
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.059 ppbv
 RT: 14.38 min Scan# 3606
 Delta R.T. -0.01 min
 Lab File: VL036403.D
 Acq: 26 Feb 2021 15:35

Instrument :
 MSVOA_L
 ClientSampled :
 SG-5

Tot Ion: 95 Resp: 2602235
 Ion Ratio Lower Upper
 95 100
 174 62.7 49.8 74.6
 175 4.7 3.7 5.5

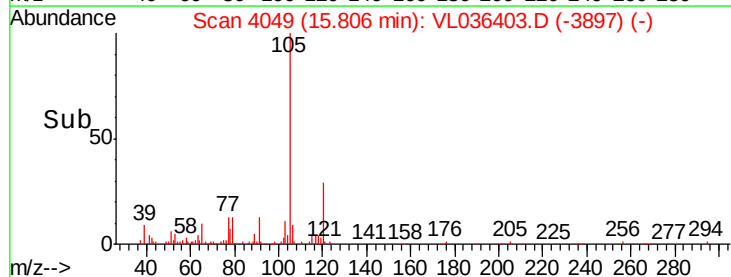
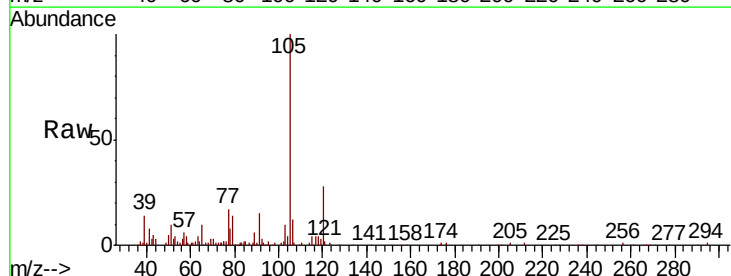
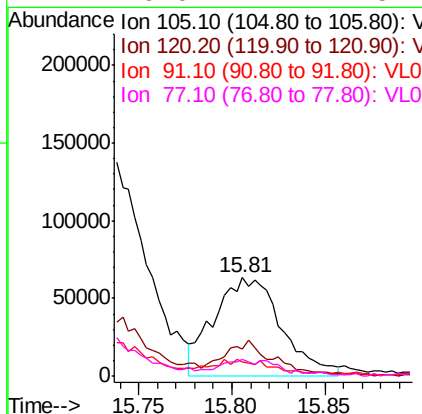
Manual Integrations
 APPROVED

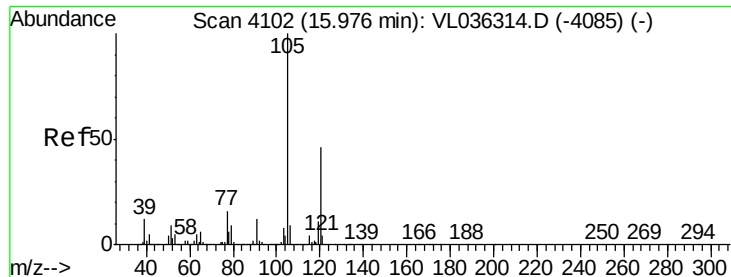
MMDadoda
 3/1/2021 10:08:29 AM



#72
 4-Ethyltoluene
 Concen: 0.397 ppbv m
 RT: 15.81 min Scan# 4049
 Delta R.T. -0.01 min
 Lab File: VL036403.D
 Acq: 26 Feb 2021 15:35

Tgt Ion: 105 Resp: 159602
 Ion Ratio Lower Upper
 105 100
 120 27.3 23.2 34.8
 91 0.0 11.0 16.4#
 77 0.0 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.374 ppbv

RT: 15.96 min Scan# 4097

Delta R.T. -0.02 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

ClientSampled :

SG-5

Tot Ion:105 Resp: 145729

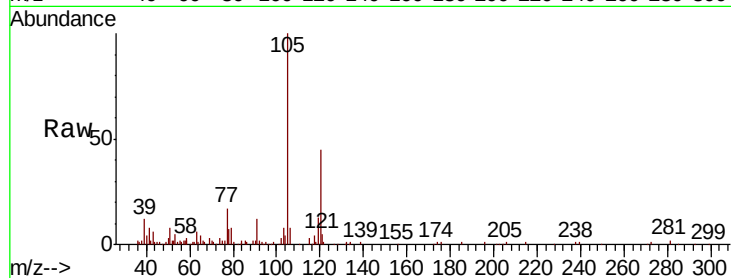
Ion Ratio Lower Upper

105 100

120 45.3 36.9 55.3

Manual Integrations
APPROVED

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3/1/2021 10:08:29 AM



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.96

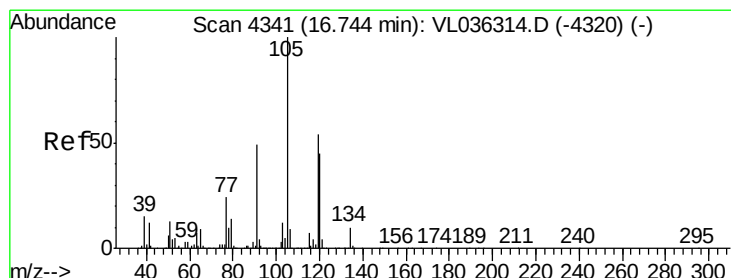
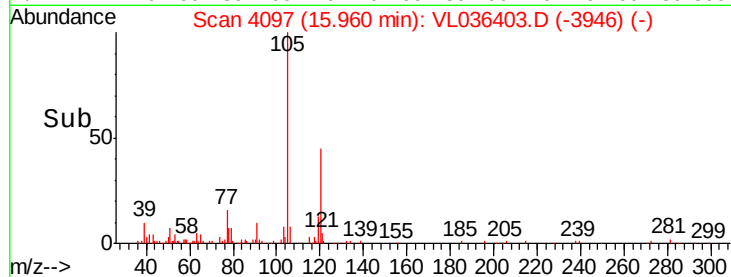
60000

40000

20000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 1.314 ppbv

RT: 16.73 min Scan# 4336

Delta R.T. -0.02 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Tgt Ion:105 Resp: 523075

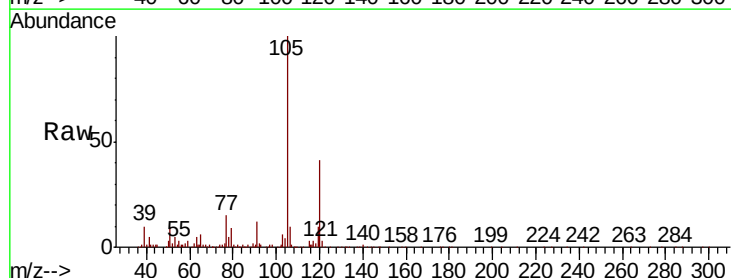
Ion Ratio Lower Upper

105 100

120 40.7 35.8 53.6

91 11.5 39.8 59.6#

77 13.9 19.1 28.7#



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

300000

200000

100000

0

Time-->

