

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080421\
 Data File : VL037323.D
 Acq On : 5 Aug 2021 1:12
 Operator : SY/AP
 Sample : M3211-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-1

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 1:40:29 PM

Quant Time: Aug 05 07:19:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 04
 QLast Update : Wed Aug 04 22:53:01 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1135666	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3603825	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3009622	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1999092	9.72	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	32372	0.140	ppbv	98
3) Chlorodifluoromethane	2.98	51	46279	0.200	ppbv	93
4) Chloromethane	3.13	50	15086	0.182	ppbv	98
9) Propene	3.01	41	67307	0.806	ppbv	92
10) Heptane	8.11	43	57170	0.293	ppbv	90
11) Trichlorofluoromethane	3.94	101	55638	0.262	ppbv	93
13) Ethanol	3.61	45	280779m	22.327	ppbv	
15) Acetone	3.84	43	4871119	39.486	ppbv	96
17) tert-Butyl alcohol	4.31	59	31204m	0.252	ppbv	
19) Isopropyl Alcohol	3.98	45	202991	2.973	ppbv #	93
20) Methylene Chloride	4.34	84	3201790	31.349	ppbv	99
26) Hexane	5.68	57	2102469	11.713	ppbv #	47
27) Carbon Disulfide	4.55	76	33515	0.229	ppbv #	91
29) Chloroform	5.75	83	312705	1.376	ppbv	98
30) Cyclohexane	7.12	84	47707m	0.345	ppbv	
32) 1,1,1-Trichloroethane	6.50	97	497434	2.295	ppbv	99
34) 2-Butanone	5.23	43	2020792	16.159	ppbv	99
35) Carbon Tetrachloride	7.01	117	22986	0.107	ppbv #	91
36) Benzene	6.88	78	110057	0.339	ppbv	97
38) Trichloroethene	7.83	130	640230	4.511	ppbv	94
41) Tetrahydrofuran	6.03	42	4517618	64.958	ppbv	99
42) Bromodichloromethane	7.79	83	27514m	0.123	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	124545	0.232	ppbv #	81
50) 4-Methyl-2-Pentanone	8.75	43	93674m	0.489	ppbv	
52) Tetrachloroethene	11.21	164	3738433	26.763	ppbv	98
53) Toluene	9.79	91	4133744	10.796	ppbv	99
58) Ethyl Benzene	12.70	91	256063	0.579	ppbv	96
59) m/p-Xylene	12.95	91	808274m	2.171	ppbv	
60) o-Xylene	13.67	91	264678m	0.782	ppbv	
61) Styrene	13.51	104	26280m	0.142	ppbv	
64) n-propylbenzene	15.55	120	15066m	0.117	ppbv	
72) 4-Ethyltoluene	15.82	105	70990m	0.174	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	79958m	0.218	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	230580	0.588	ppbv #	73
75) 1,3-Dichlorobenzene	16.98	146	63997m	0.266	ppbv	
79) Naphthalene	22.18	128	76227m	0.212	ppbv	
80) Naphthalene,2-methyl-	24.95	142	87375	1.494	ppbv	95

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

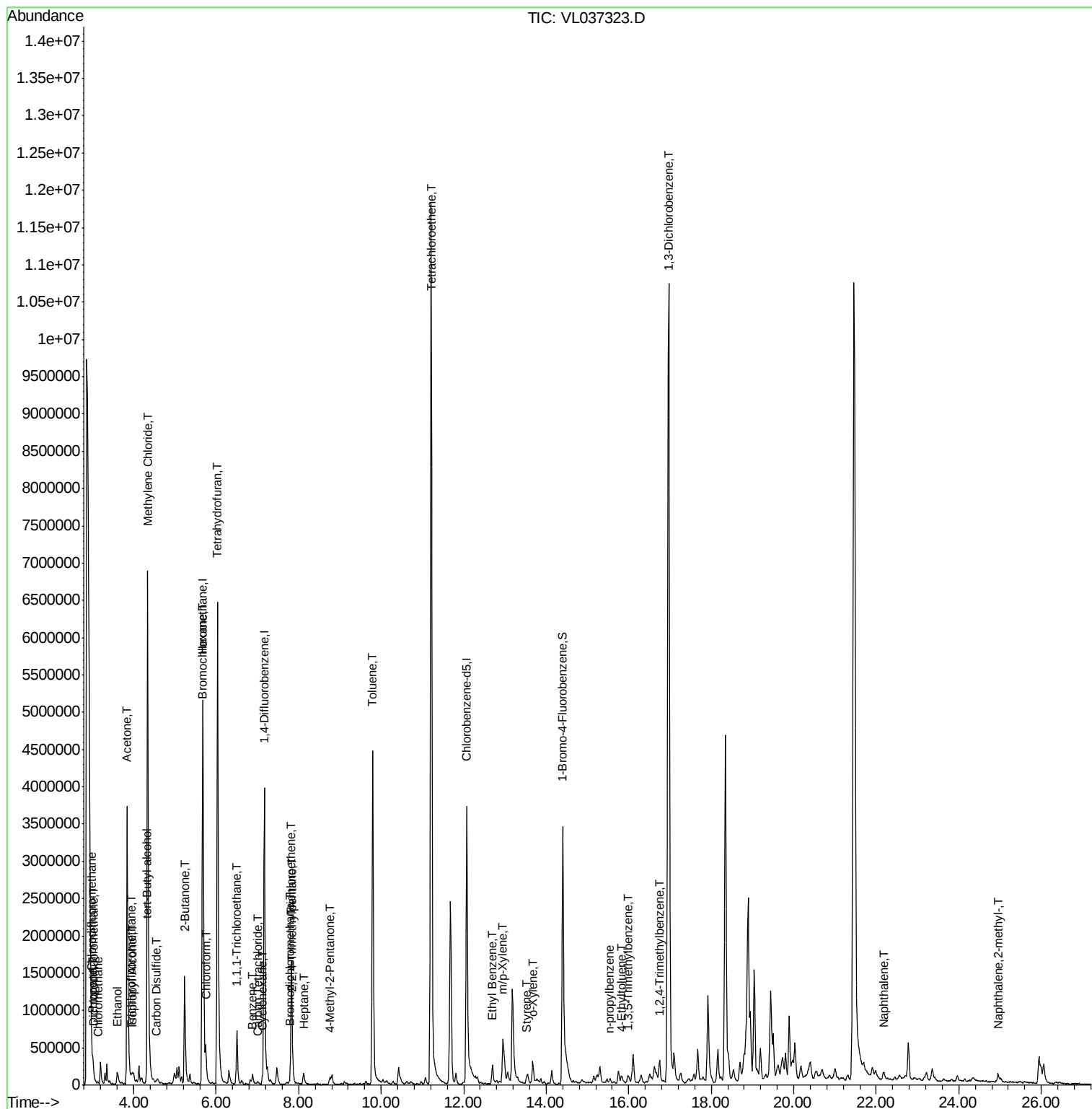
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080421\
Data File : VL037323.D
Acq On : 5 Aug 2021 1:12
Operator : SY/AP
Sample : M3211-01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

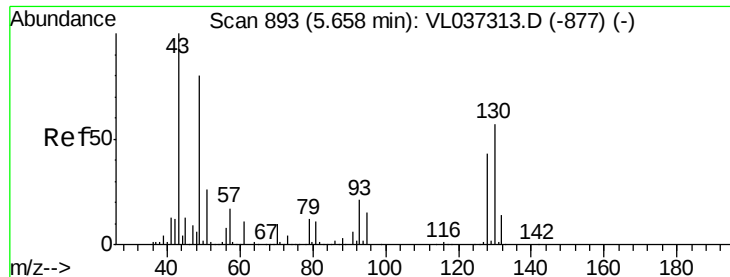
Instrument :
MSVOA_L
ClientSampleId :
SVP-1

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Quant Time: Aug 05 07:19:30 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 04 22:53:01 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

Lab File: VL037323.D

Acq: 5 Aug 2021 1:12

Instrument :

MSVOA_L

ClientSampled :

SVP-1

Tot Ion: 49 Resp: 1135666

Ion Ratio Lower Upper

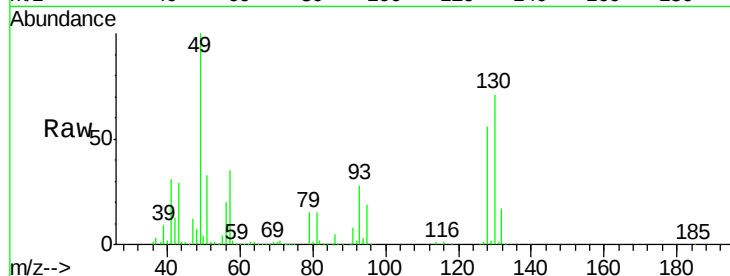
49 100

128 59.4 29.8 89.5

130 76.9 37.5 112.7

Manual Integrations
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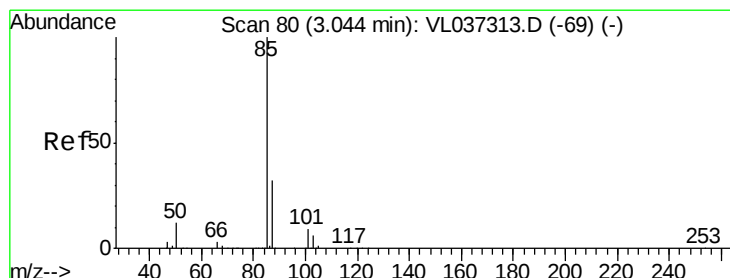
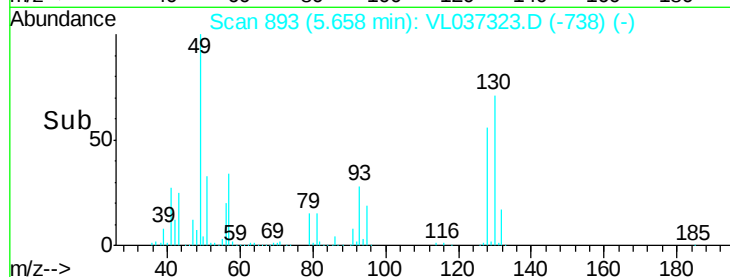
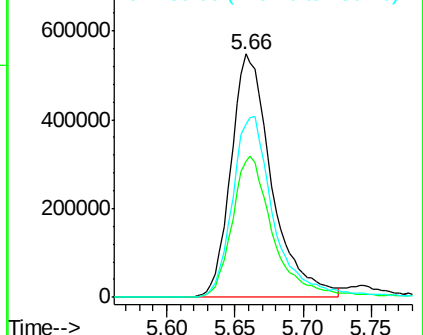
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.140 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL037323.D

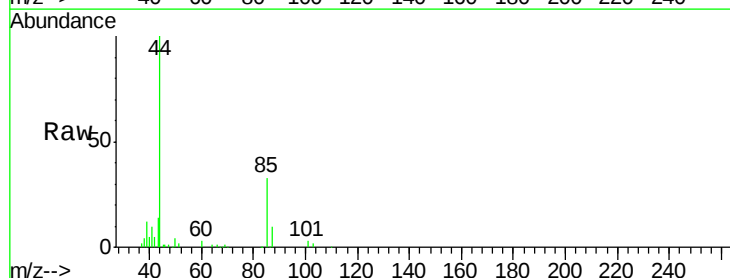
Acq: 5 Aug 2021 1:12

Tgt Ion: 85 Resp: 32372

Ion Ratio Lower Upper

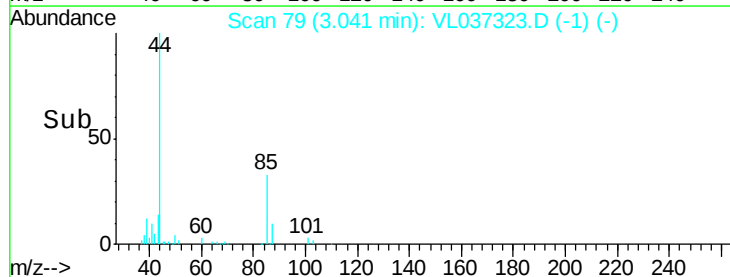
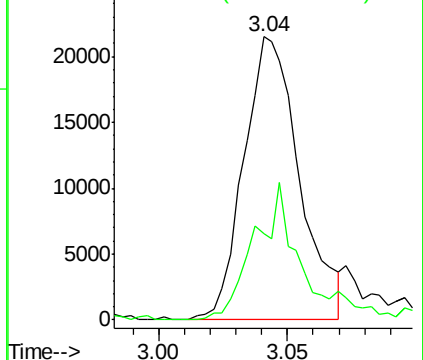
85 100

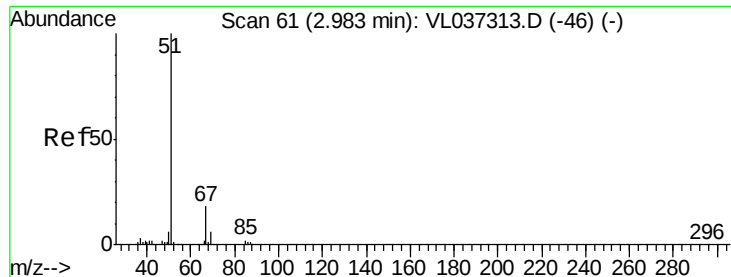
87 30.7 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.200 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.00 min

Lab File: VL037323.D

Acq: 5 Aug 2021 1:12

Instrument :

MSVOA_L

ClientSampleId :

SVP-1

Tot Ion: 51 Resp: 46279

Ion Ratio Lower Upper

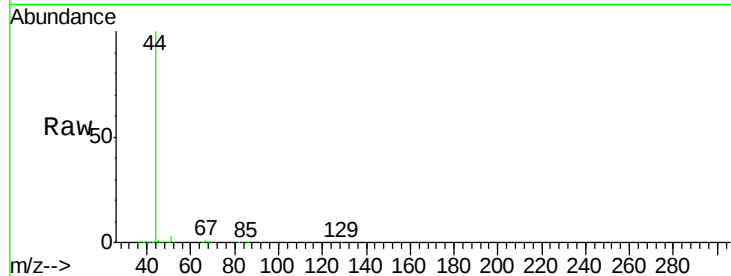
51 100

67 14.5 14.2 21.2

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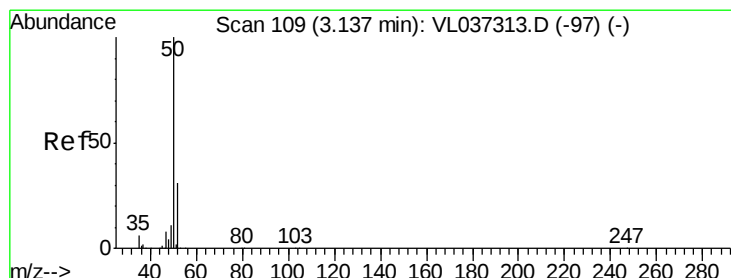
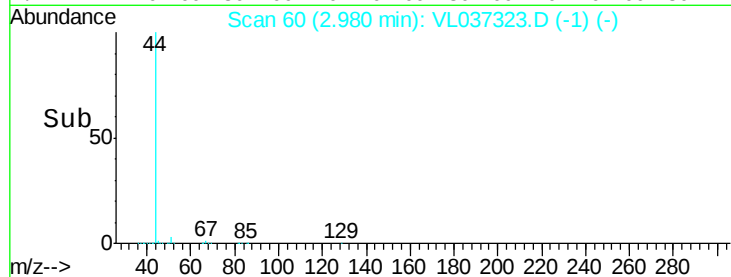
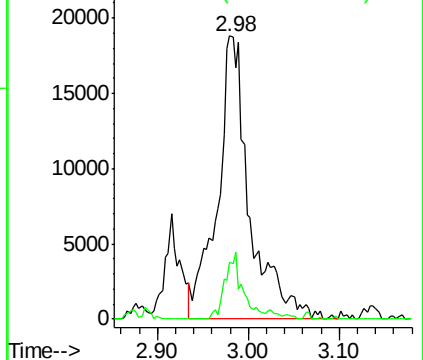
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.182 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL037323.D

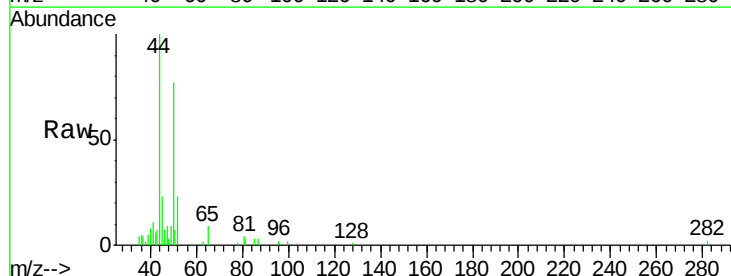
Acq: 5 Aug 2021 1:12

Tgt Ion: 50 Resp: 15086

Ion Ratio Lower Upper

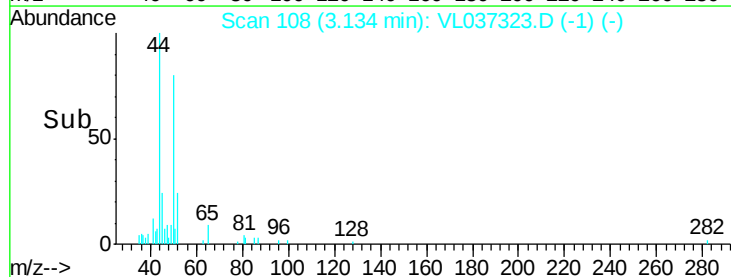
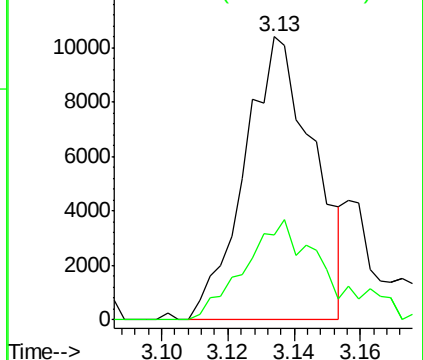
50 100

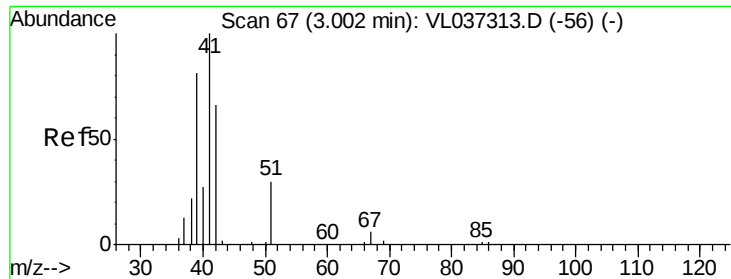
52 30.1 25.1 37.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.806 ppbv

RT: 3.01 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL037323.D

Acq: 5 Aug 2021 1:12

Instrument :

MSVOA_L

ClientSampleId :

SVP-1

Tot Ion: 41 Resp: 67307

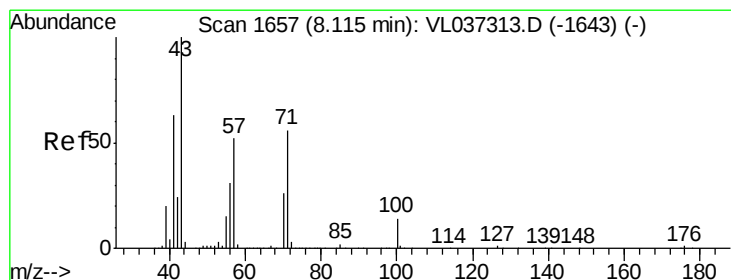
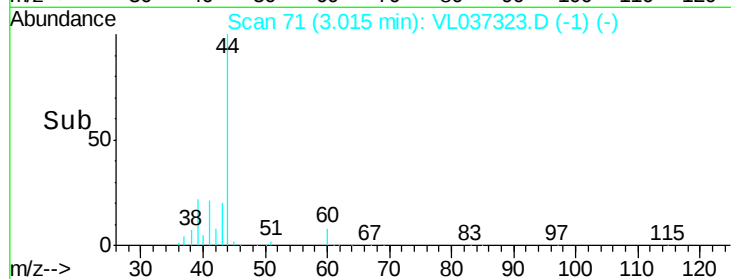
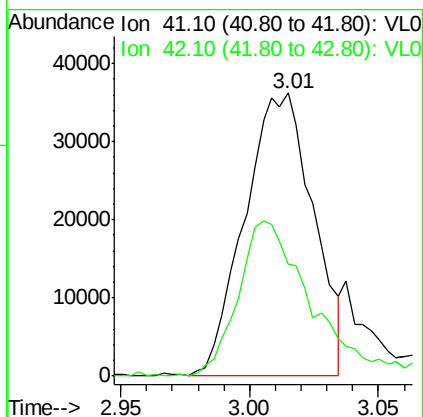
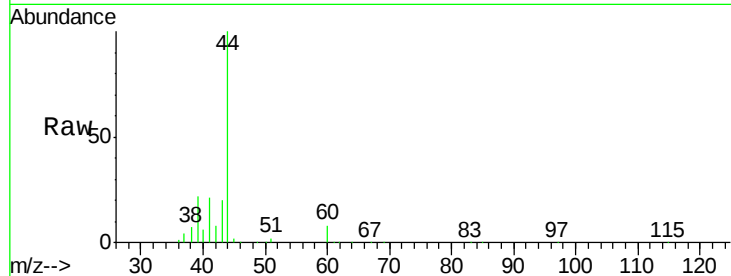
Ion Ratio Lower Upper

41 100

42 60.9 53.8 80.8

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#10

Heptane

Concen: 0.293 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VL037323.D

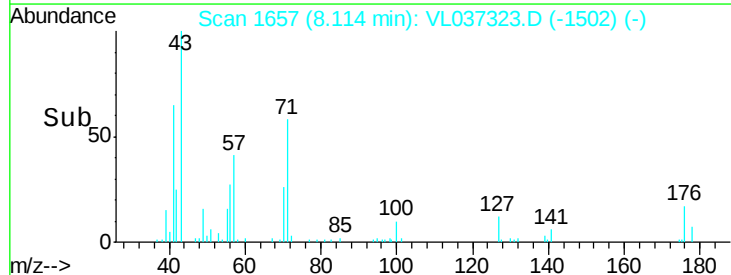
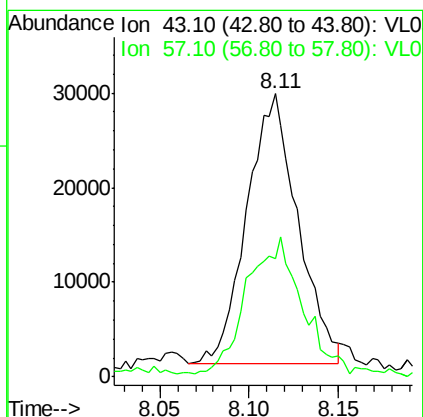
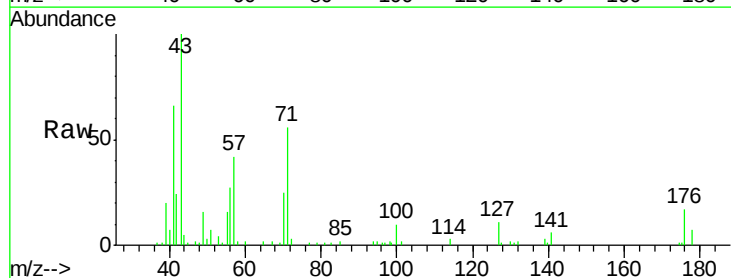
Acq: 5 Aug 2021 1:12

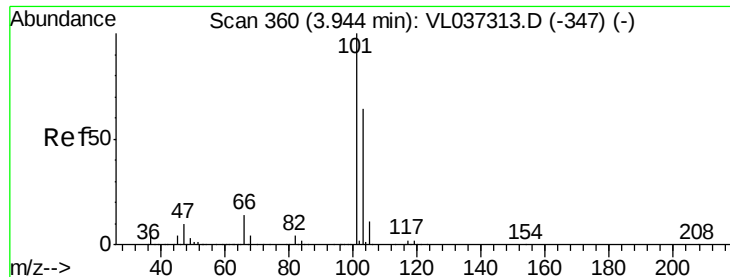
Tgt Ion: 43 Resp: 57170

Ion Ratio Lower Upper

43 100

57 60.3 42.4 63.6





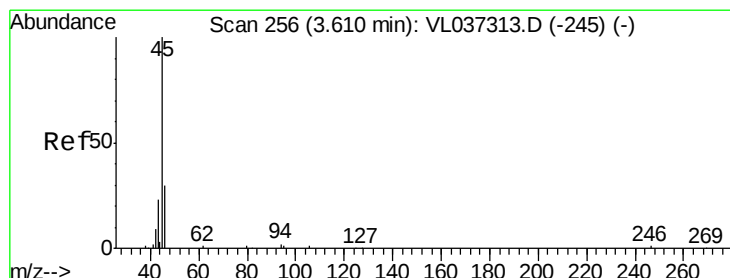
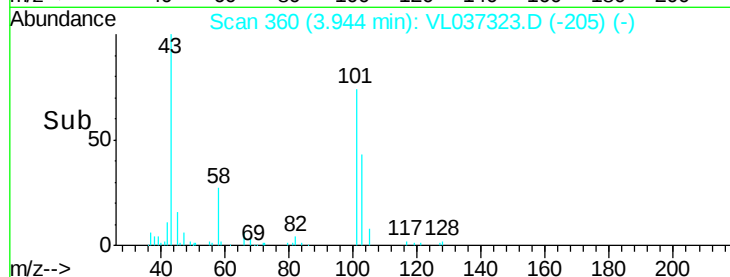
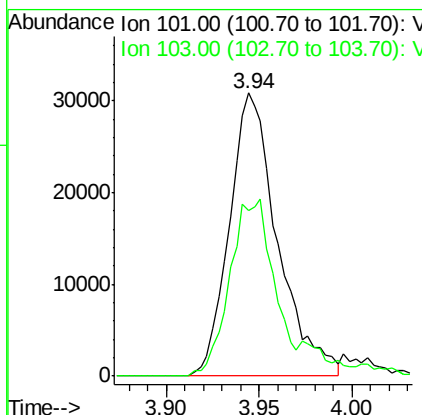
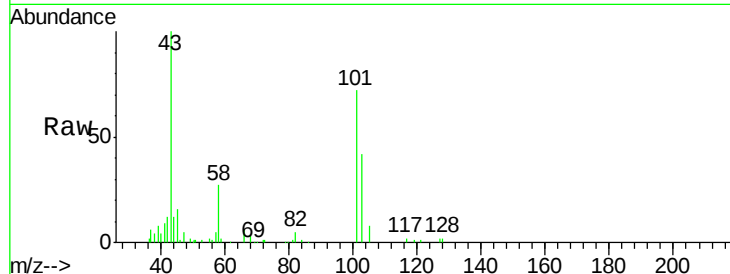
#11
 Trichlorofluoromethane
 Concen: 0.262 ppbv
 RT: 3.94 min Scan# 360
 Delta R.T. -0.00 min
 Lab File: VL037323.D
 Acq: 5 Aug 2021 1:12

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-1

Tot Ion	Ratio	Resp	Lower	Upper
101	100	55638		
103	58.6		51.6	77.4

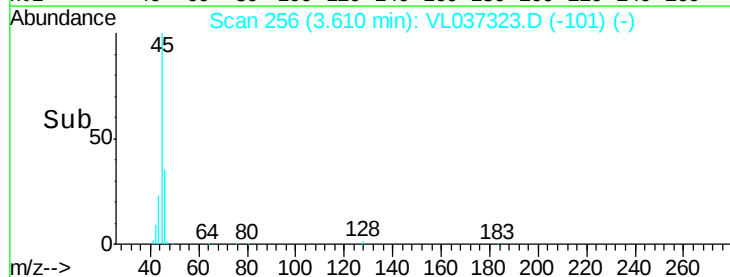
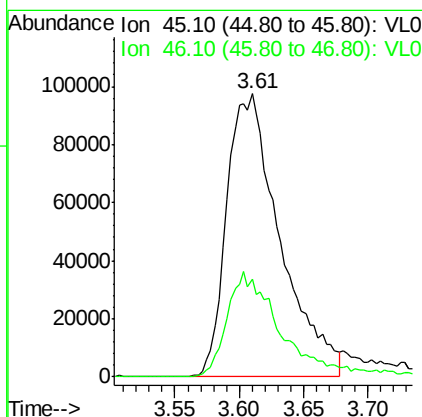
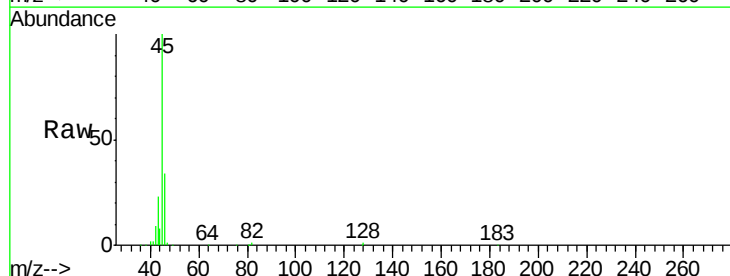
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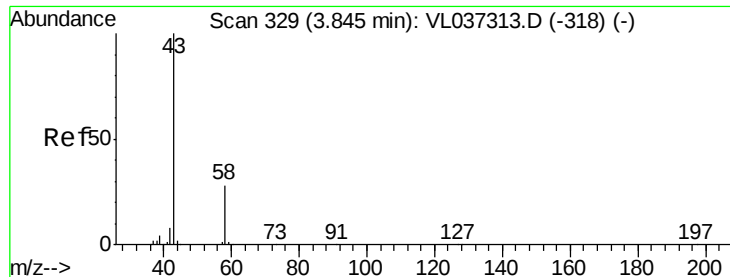
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#13
 Ethanol
 Concen: 22.327 ppbv m
 RT: 3.61 min Scan# 256
 Delta R.T. -0.00 min
 Lab File: VL037323.D
 Acq: 5 Aug 2021 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	280779		
46	0.0		16.6	66.4#





#15

Acetone

Concen: 39.486 ppbv

RT: 3.84 min Scan# 327

Delta R.T. -0.01 min

Lab File: VL037323.D

Acq: 5 Aug 2021 1:12

Instrument :

MSVOA_L

ClientSampled :

SVP-1

Tot Ion: 43 Resp: 4871119

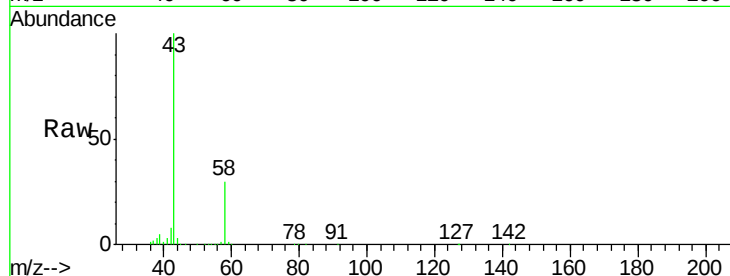
Ion Ratio Lower Upper

43 100

58 29.2 25.3 37.9

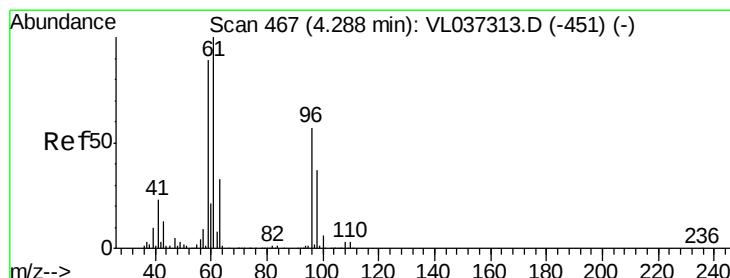
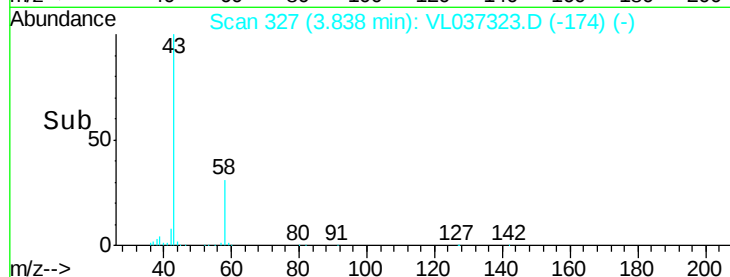
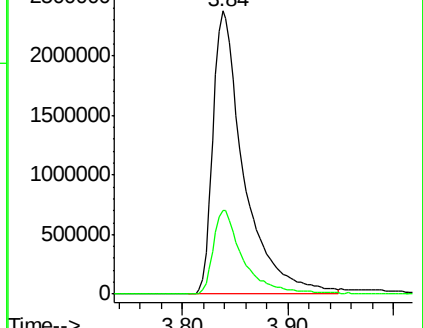
Manual Integrations
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#17

tert-Butyl alcohol

Concen: 0.252 ppbv m

RT: 4.31 min Scan# 474

Delta R.T. 0.02 min

Lab File: VL037323.D

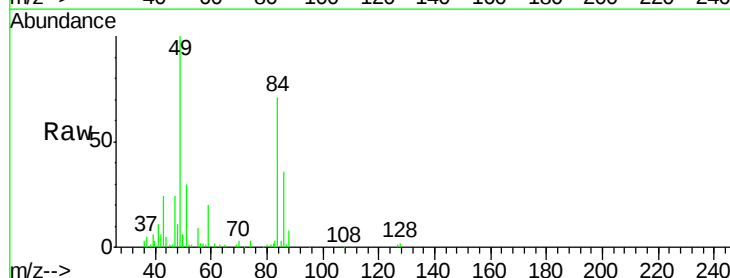
Acq: 5 Aug 2021 1:12

Tgt Ion: 59 Resp: 31204

Ion Ratio Lower Upper

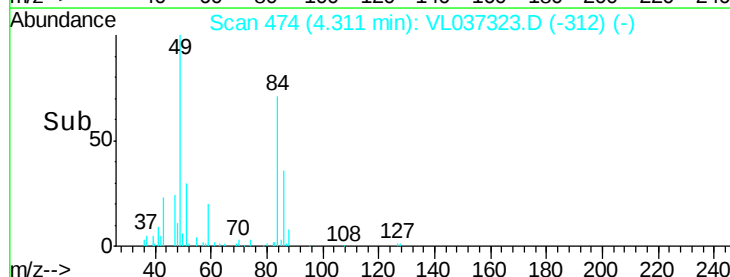
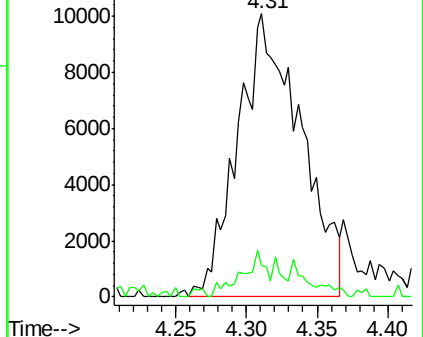
59 100

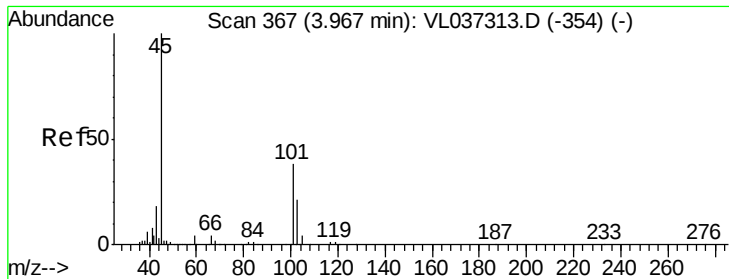
57 0.0 8.6 12.8#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#19

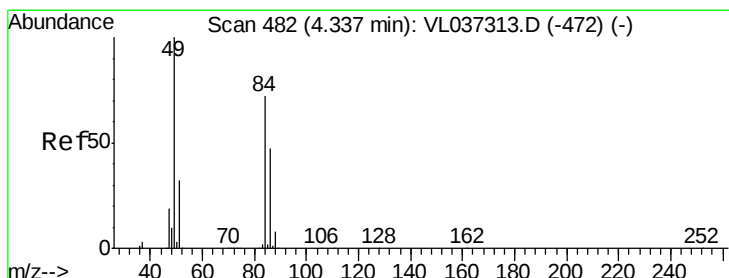
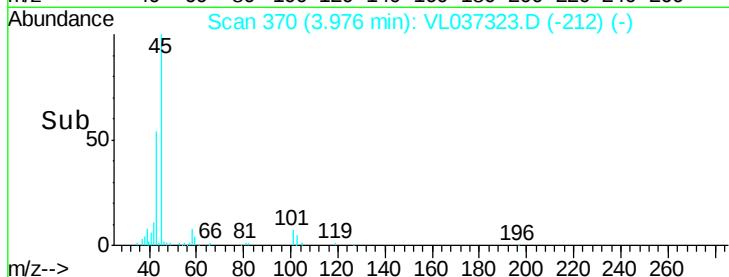
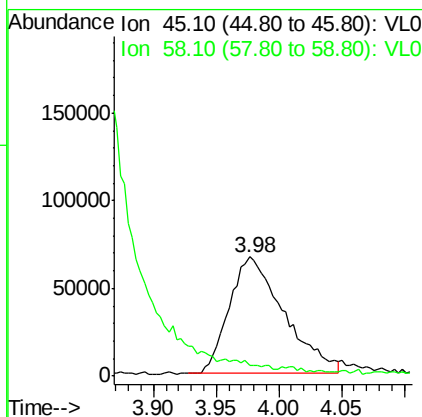
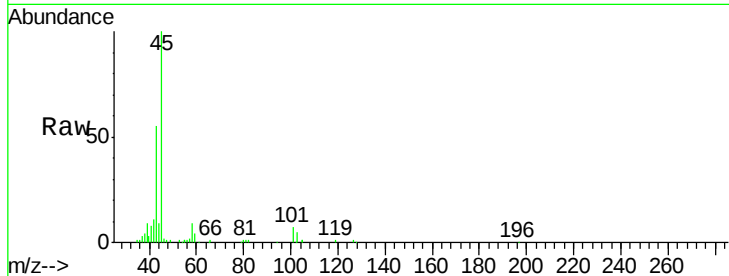
Isopropyl Alcohol
 Concen: 2.973 ppbv
 RT: 3.98 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: VL037323.D
 Acq: 5 Aug 2021 1:12

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-1

Tot Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.8#

Manual Integrations
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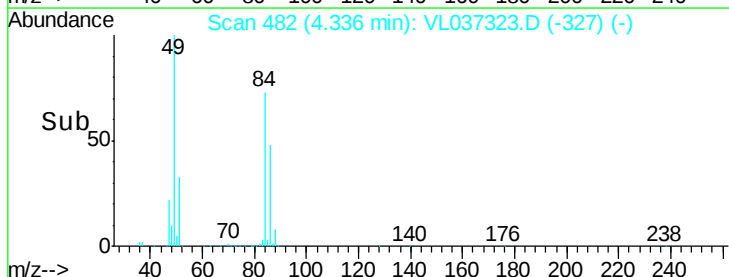
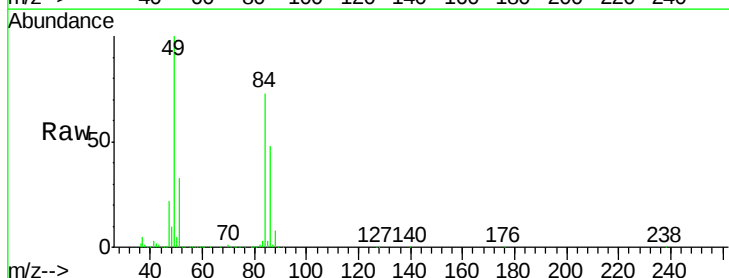
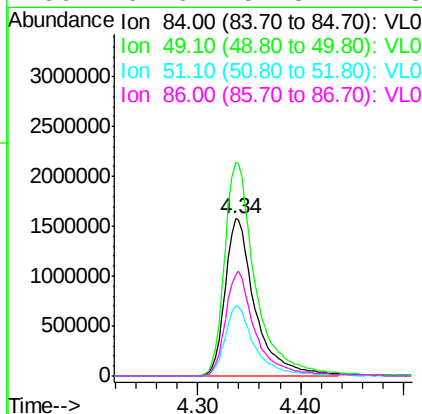
MMDadoda
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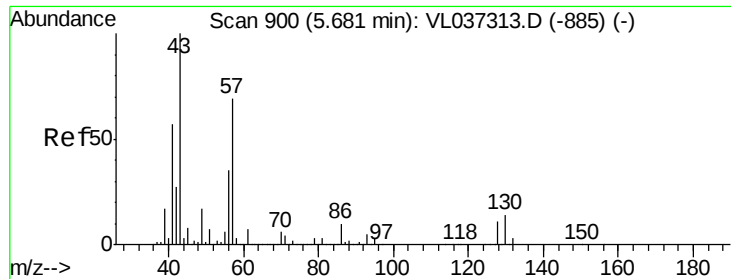


#20

Methylene Chloride
 Concen: 31.349 ppbv
 RT: 4.34 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: VL037323.D
 Acq: 5 Aug 2021 1:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.1	110.4	165.6
51	44.6	35.8	53.6
86	64.6	51.8	77.8





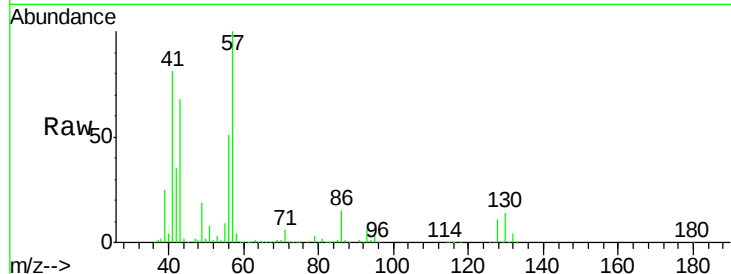
#26
Hexane
Concen: 11.713 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Instrument :
MSVOA_L
ClientSampleId :
SVP-1

Tot Ion	Ratio	Lower	Upper
57	100		
41	83.8	67.5	101.3
43	68.7	163.0	244.4#
56	51.5	41.5	62.3

Manual Integrations
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8/5/2021 1:40:29 PM



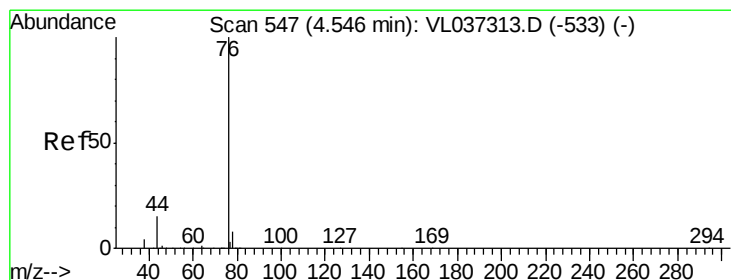
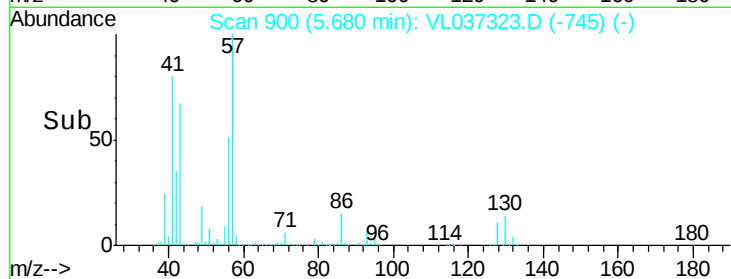
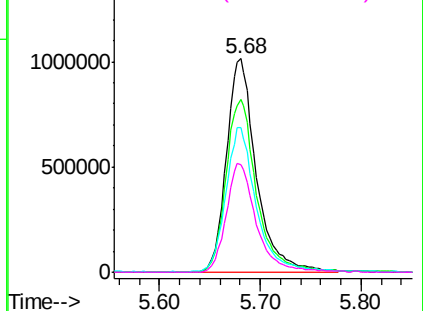
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

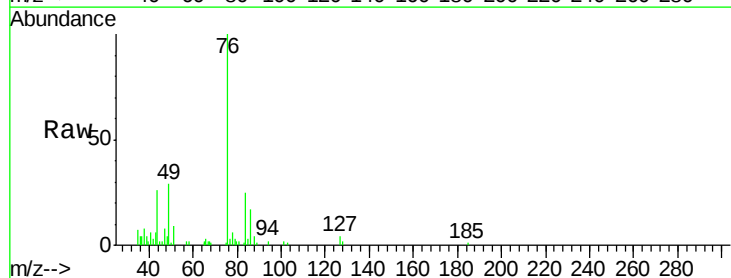
Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#27
Carbon Disulfide
Concen: 0.229 ppbv
RT: 4.55 min Scan# 547
Delta R.T. -0.00 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Tgt Ion	Ratio	Lower	Upper
76	100		
44	20.5	13.1	19.7#
78	12.9	8.0	12.0#

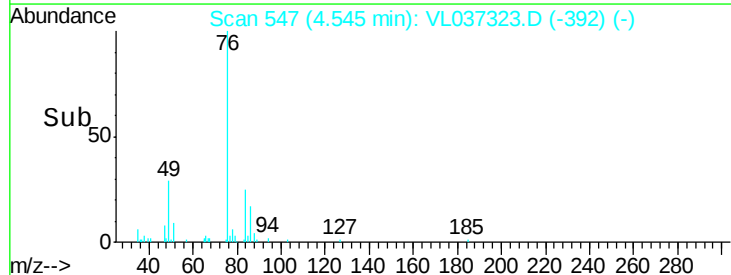
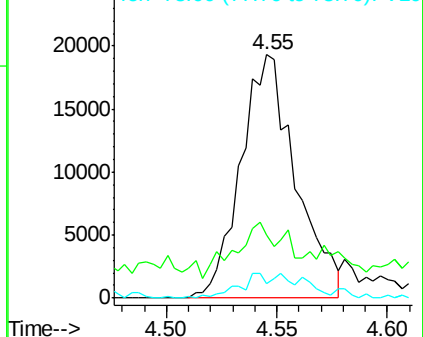


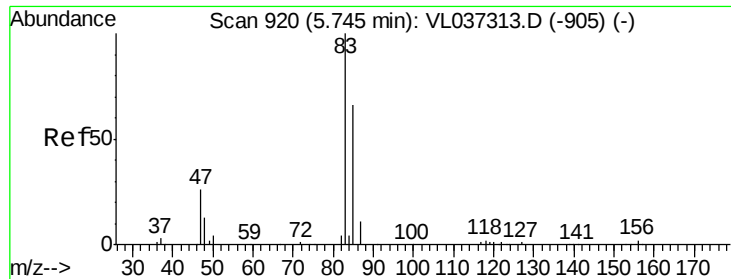
Abundance

Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





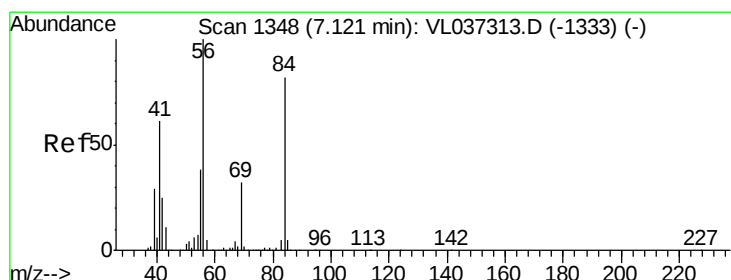
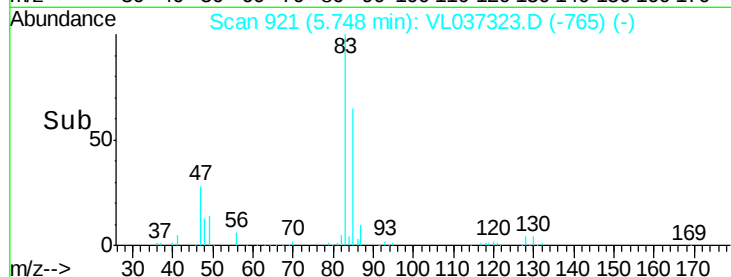
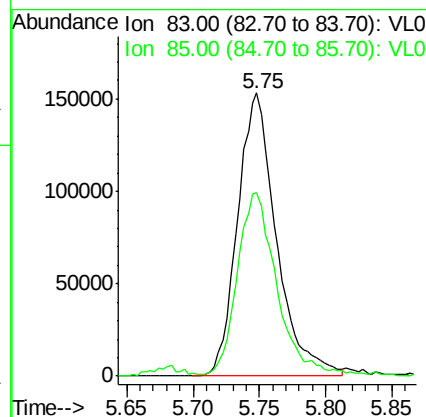
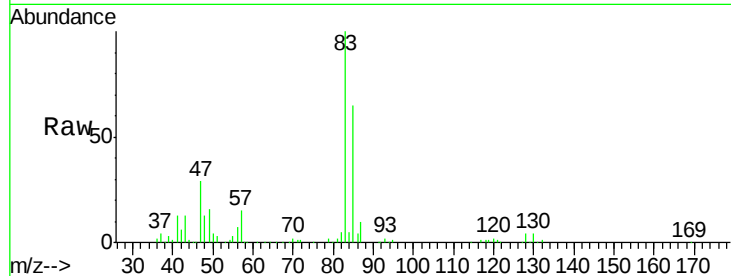
#29
Chloroform
Concen: 1.376 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.00 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Instrument :
MSVOA_L
ClientSampleId :
SVP-1

Tot Ion	83	Resp	312705
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	52.6	79.0

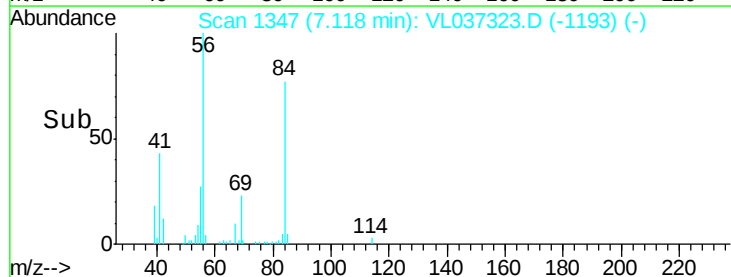
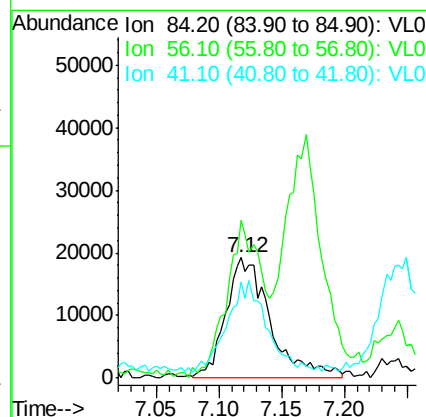
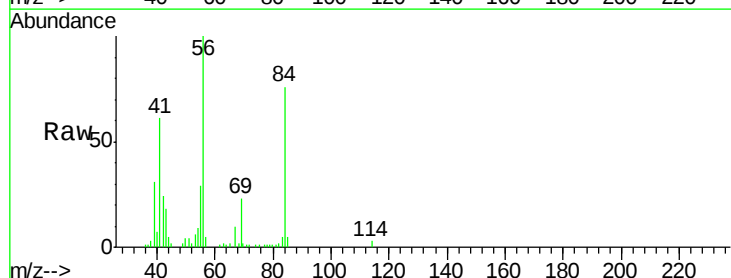
Manual Integrations
APPROVED

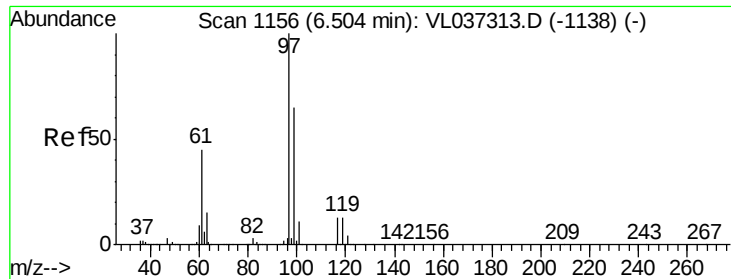
MMDadoda
8/5/2021 1:40:29 PM



#30
Cyclohexane
Concen: 0.345 ppbv m
RT: 7.12 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Tgt Ion	84	Resp	47707
Ion Ratio	100	Lower	Upper
84	100		
56	101.5	105.2	157.8#
41	0.0	61.3	91.9#





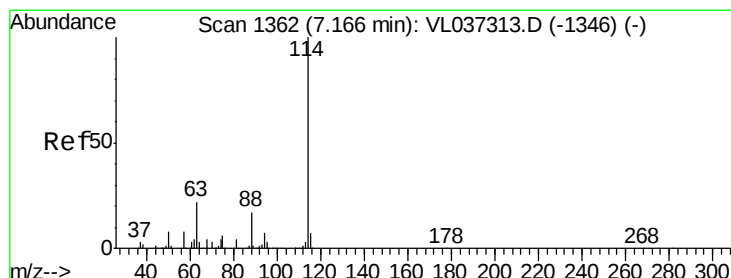
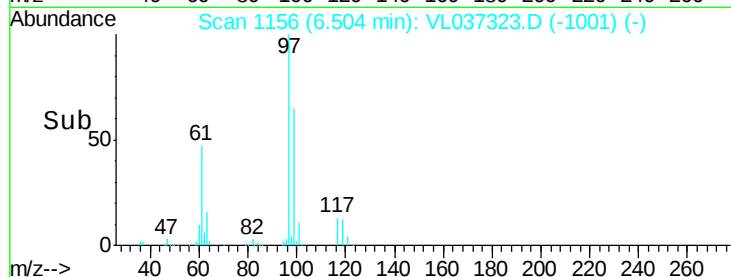
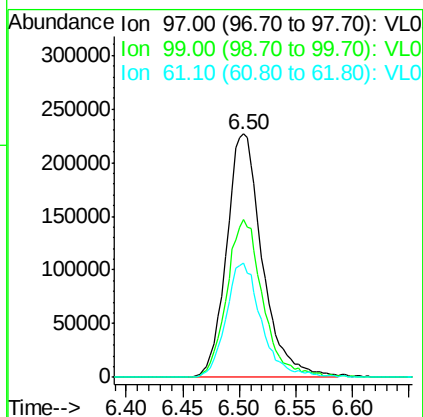
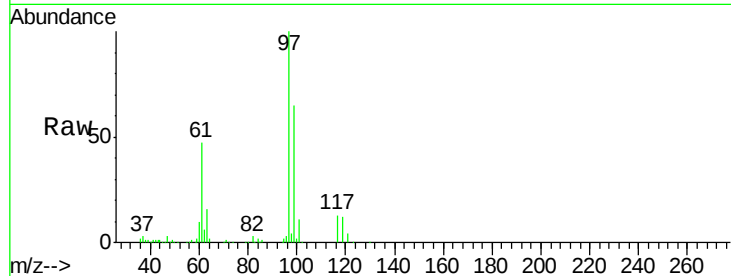
#32
 1,1,1-Trichloroethane
 Concen: 2.295 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VL037323.D
 Acq: 5 Aug 2021 1:12

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-1

Tot Ion	Ratio	Lower	Upper
97	100		
99	65.9	52.3	78.5
61	47.0	37.2	55.8

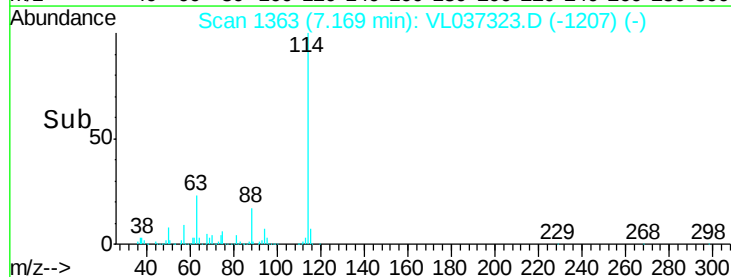
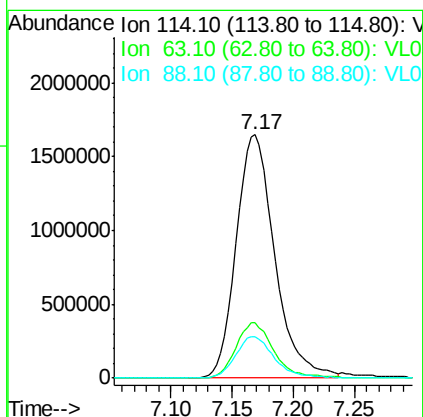
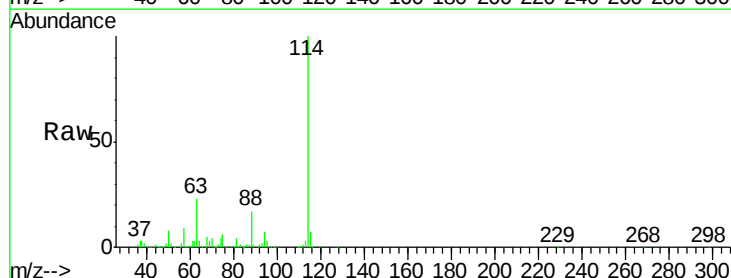
Manual Integrations
 APPROVED

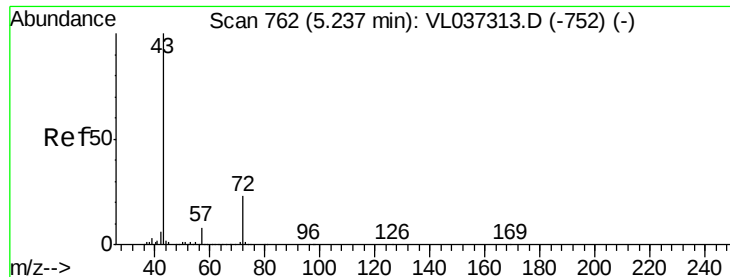
MMDadoda
 8/5/2021 1:40:29 PM



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VL037323.D
 Acq: 5 Aug 2021 1:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.7	18.1	27.1
88	17.2	13.8	20.8





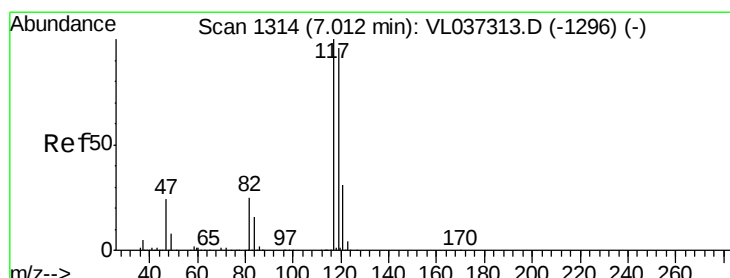
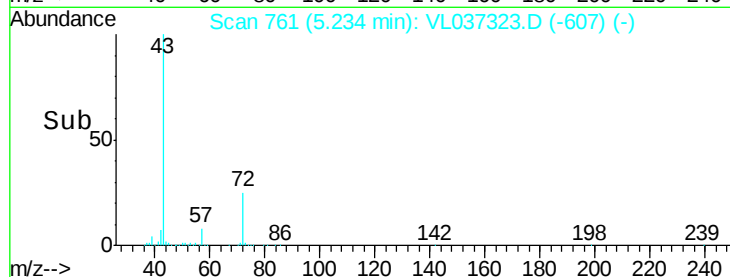
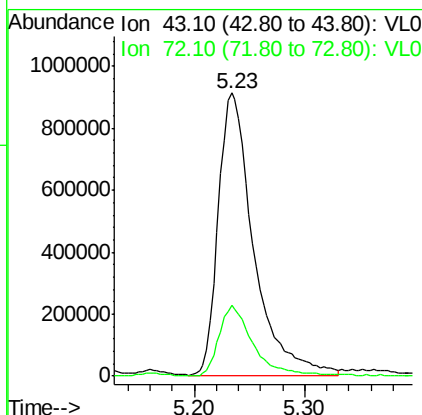
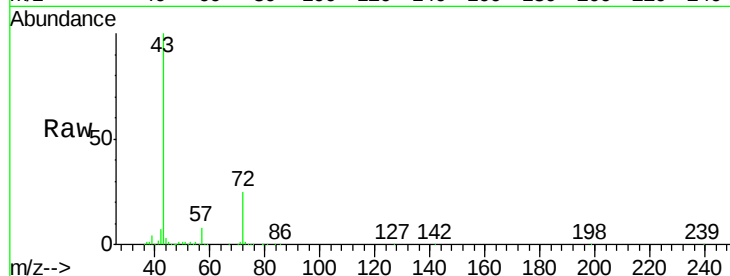
#34
2-Butanone
Concen: 16.159 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Instrument :
MSVOA_L
ClientSampleId :
SVP-1

Tot Ion: 43 Resp: 2020792
Ion Ratio Lower Upper
43 100
72 24.8 20.3 30.5

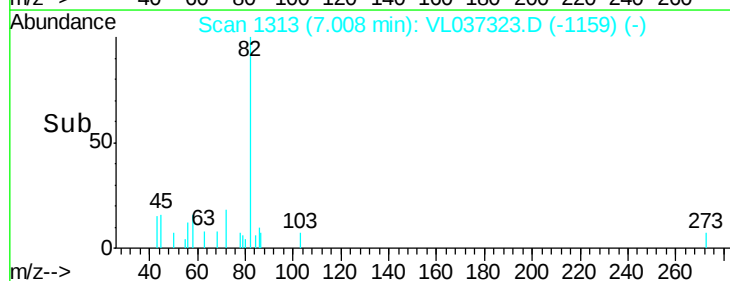
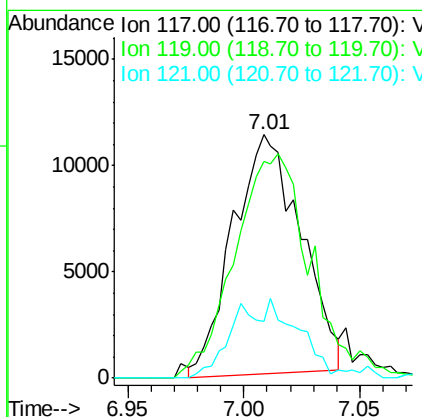
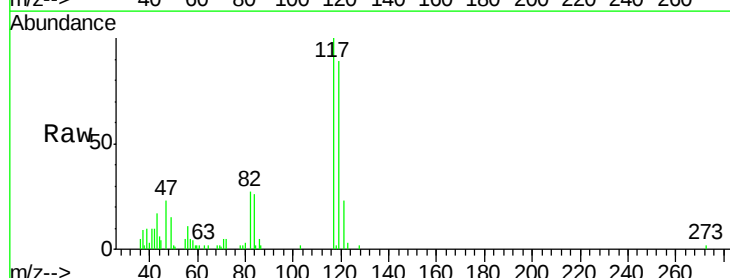
Manual Integrations
APPROVED

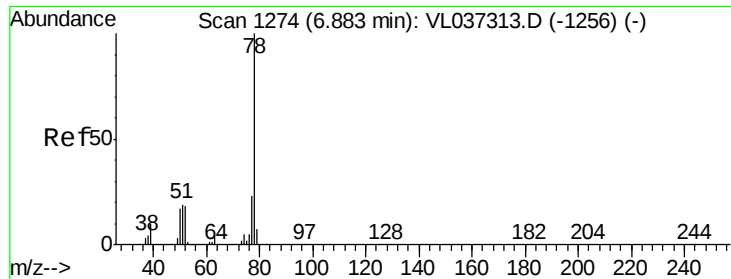
MMDadoda
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#35
Carbon Tetrachloride
Concen: 0.107 ppbv
RT: 7.01 min Scan# 1313
Delta R.T. -0.00 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Tgt Ion: 117 Resp: 22986
Ion Ratio Lower Upper
117 100
119 87.7 76.6 114.8
121 24.3 24.9 37.3#





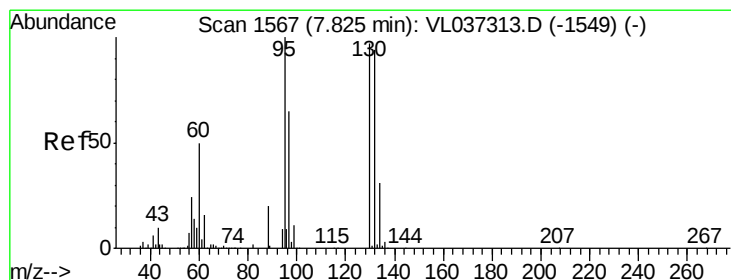
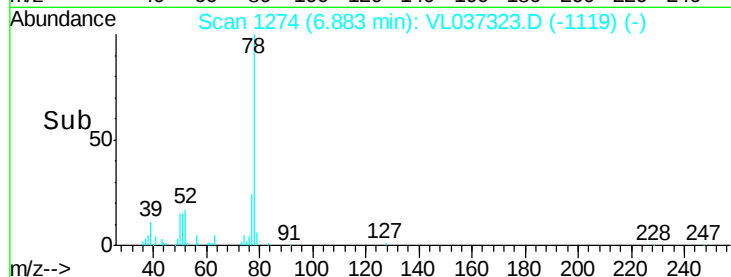
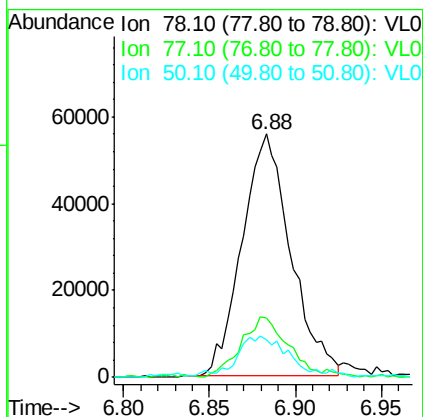
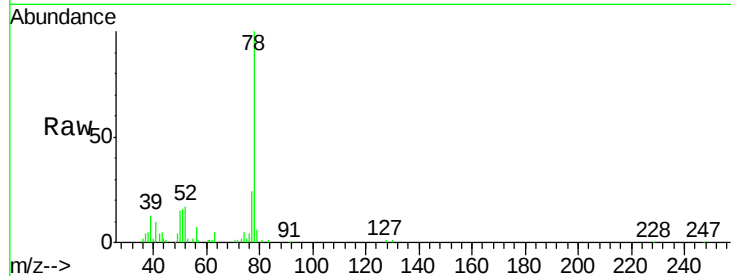
#36
Benzene
Concen: 0.339 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Instrument :
MSVOA_L
ClientSampled :
SVP-1

Tot Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.7	28.1
50	14.7	13.7	20.5

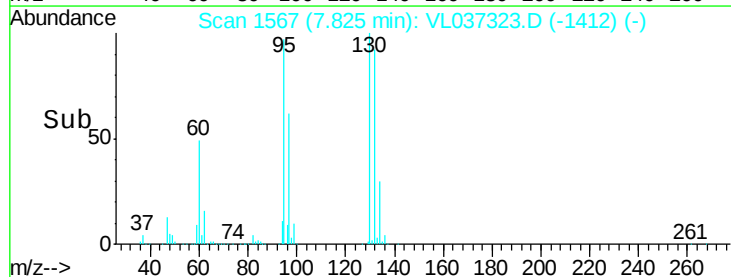
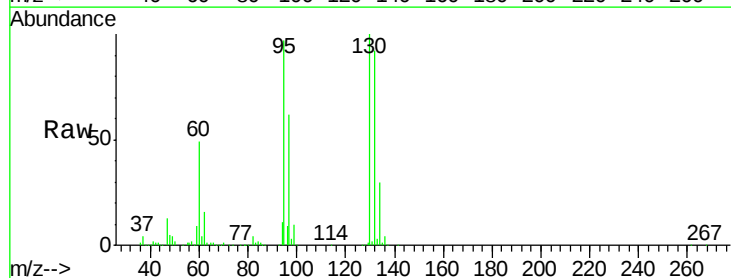
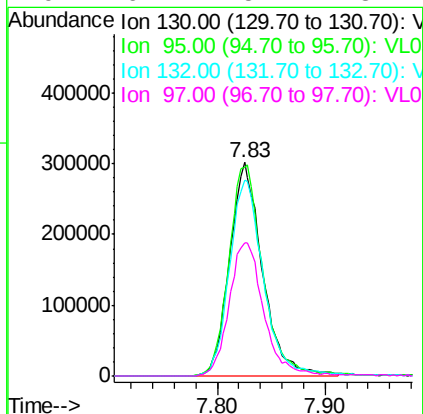
Manual Integrations
APPROVED

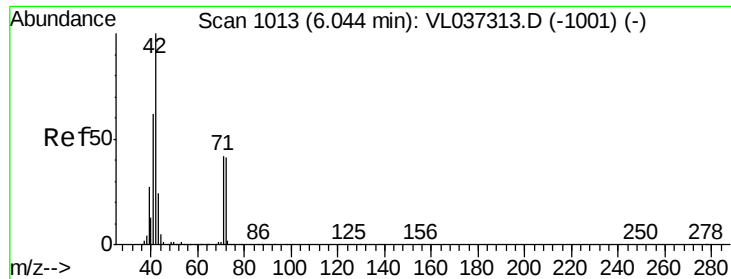
MMDadoda
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#38
Trichloroethene
Concen: 4.511 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	82.8	124.2
132	91.8	78.2	117.4
97	62.1	54.2	81.2





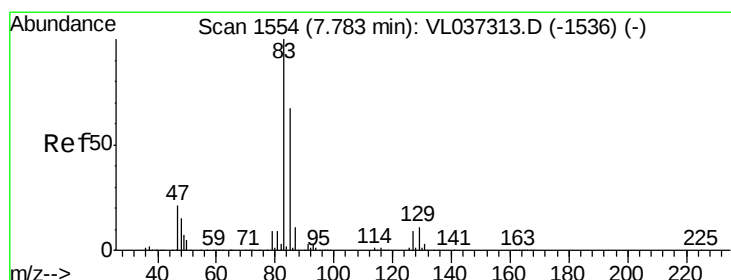
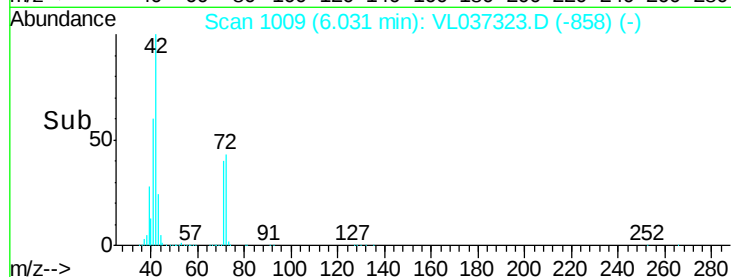
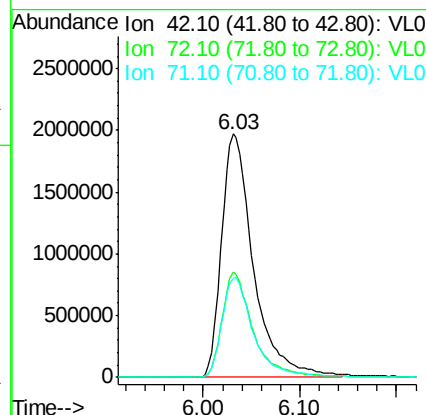
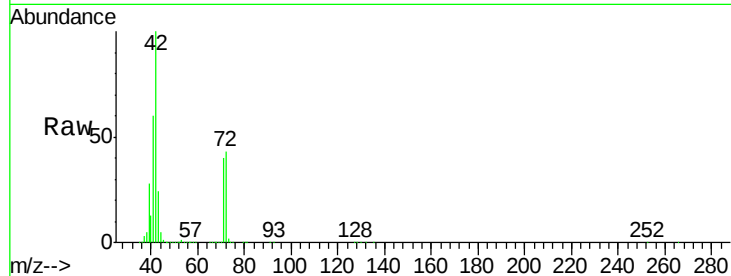
#41
Tetrahydrofuran
Concen: 64.958 ppbv
RT: 6.03 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Instrument :
MSVOA_L
ClientSampled :
SVP-1

Tot Ion: 42 Resp: 4517618
Ion Ratio Lower Upper
42 100
72 42.5 33.6 50.4
71 40.8 33.0 49.4

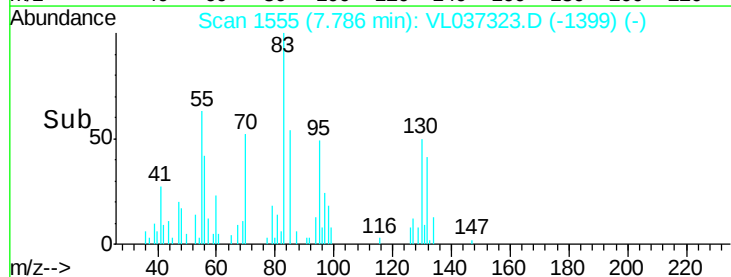
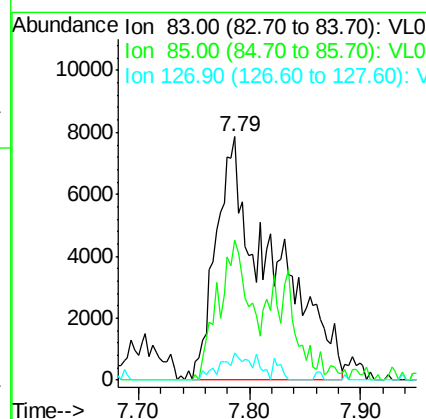
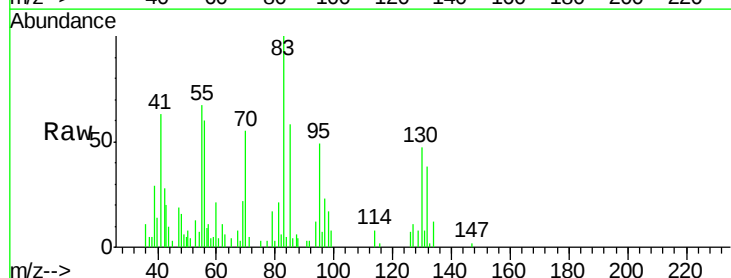
Manual Integrations
APPROVED

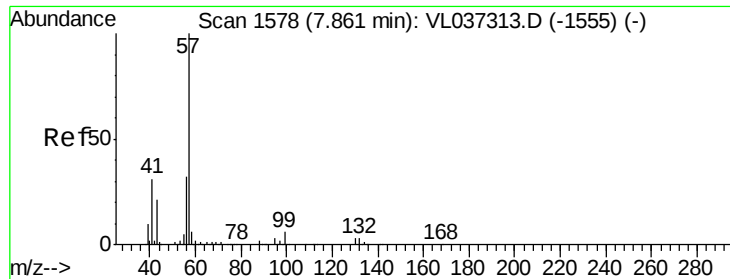
MMDadoda
8/5/2021 1:40:29 PM



#42
Bromodichloromethane
Concen: 0.123 ppbv m
RT: 7.79 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Tgt Ion: 83 Resp: 27514
Ion Ratio Lower Upper
83 100
85 57.6 53.5 80.3
127 11.0 7.1 10.7#





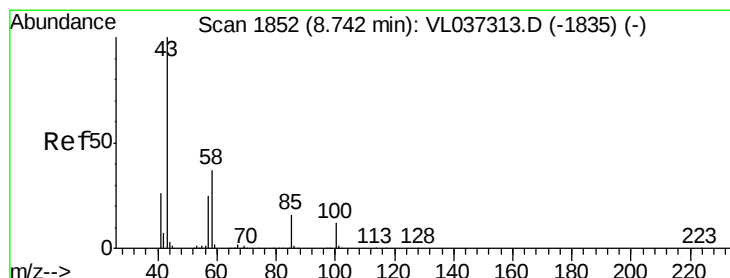
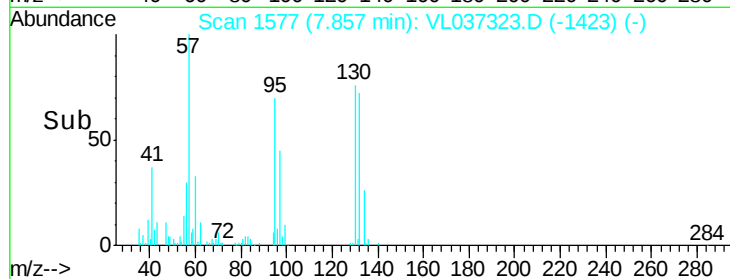
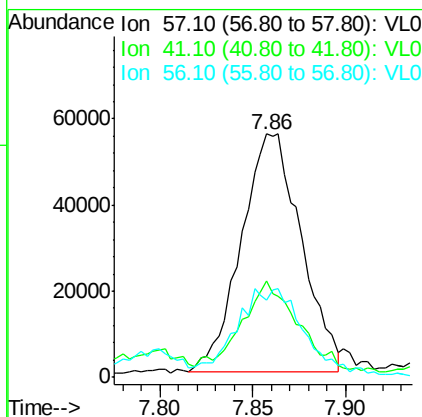
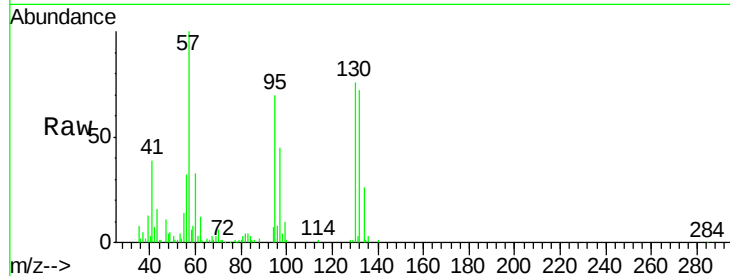
#44
 2,2,4-Trimethylpentane
 Concen: 0.232 ppbv
 RT: 7.86 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: VL037323.D
 Acq: 5 Aug 2021 1:12

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-1

Tot Ion	Ratio	Lower	Upper
57	100		
41	39.1	24.3	36.5#
56	43.4	25.0	37.6#

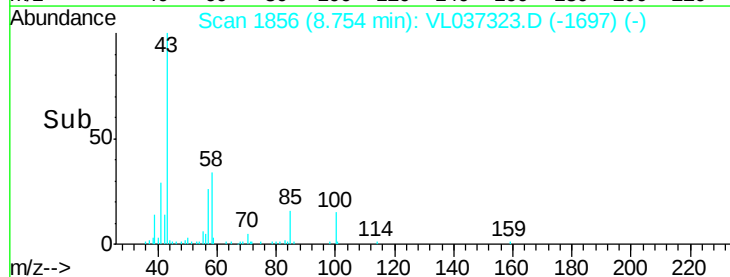
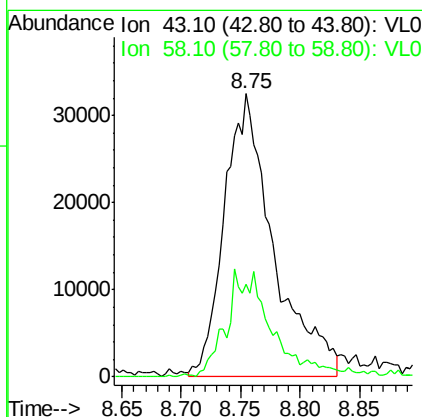
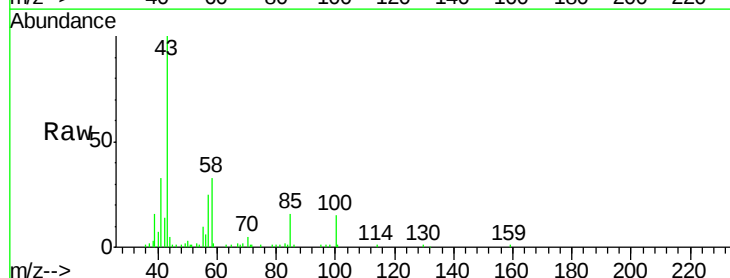
Manual Integrations
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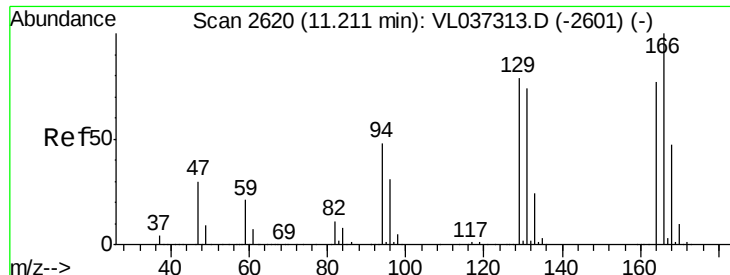
MMDadoda
 8/5/2021 1:40:29 PM



#50
 4-Methyl-2-Pentanone
 Concen: 0.489 ppbv m
 RT: 8.75 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VL037323.D
 Acq: 5 Aug 2021 1:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	31.0	46.4





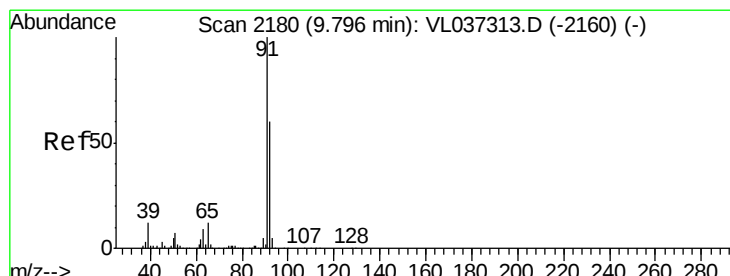
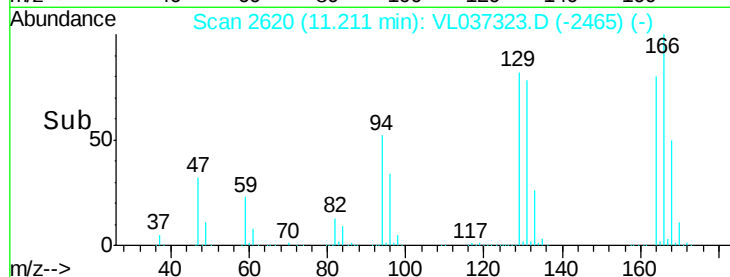
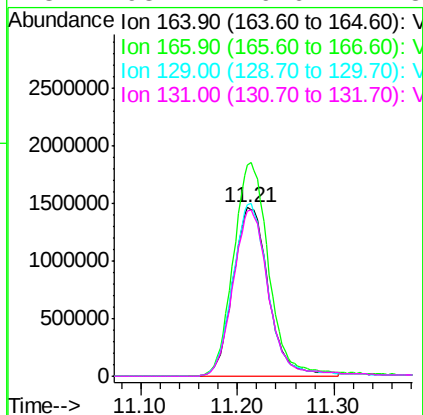
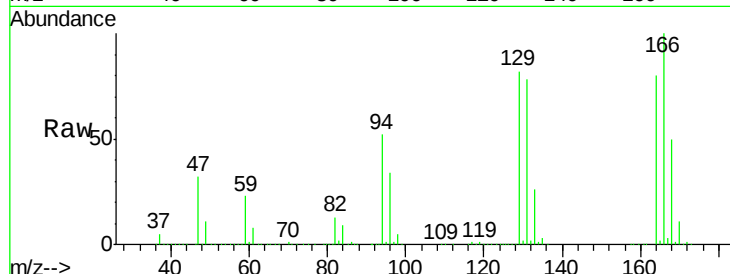
#52
Tetrachloroethene
Concen: 26.763 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.00 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Instrument :
MSVOA_L
ClientSampleId :
SVP-1

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.1	103.4	155.2
129	102.1	82.2	123.2
131	98.2	76.6	114.8

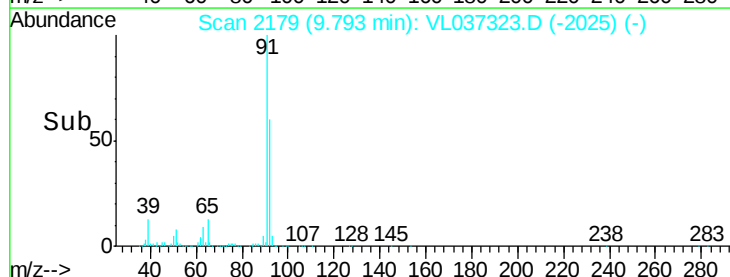
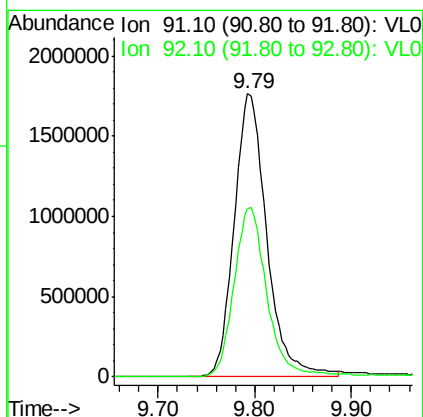
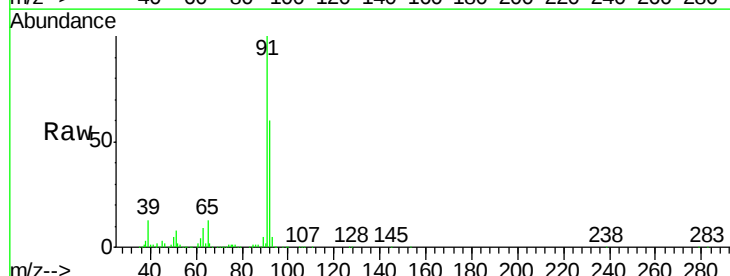
Manual Integrations
APPROVED

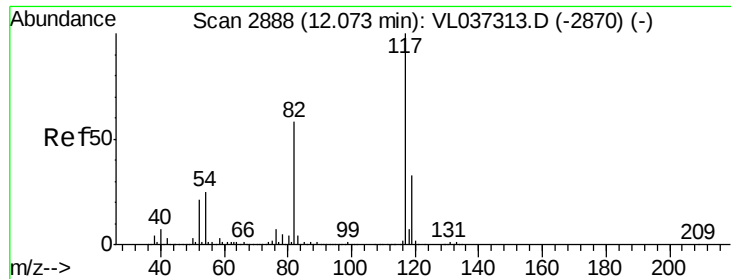
MMDadoda
8/5/2021 1:40:29 PM



#53
Toluene
Concen: 10.796 ppbv
RT: 9.79 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.6	48.8	73.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VL037323.D

Acq: 5 Aug 2021 1:12

Instrument :

MSVOA_L

ClientSampleId :

SVP-1

Tot Ion:117 Resp: 3009622

Ion Ratio Lower Upper

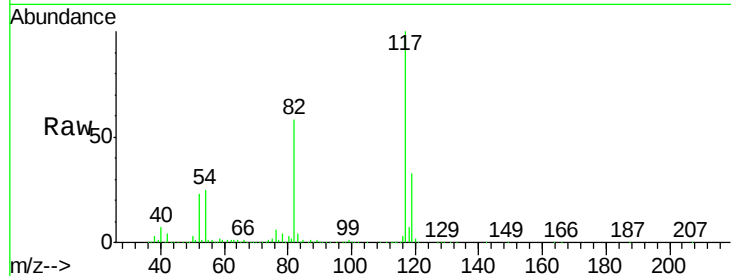
117 100

82 66.4 50.3 75.5

119 36.9 48.2 72.2#

Manual Integrations
APPROVED

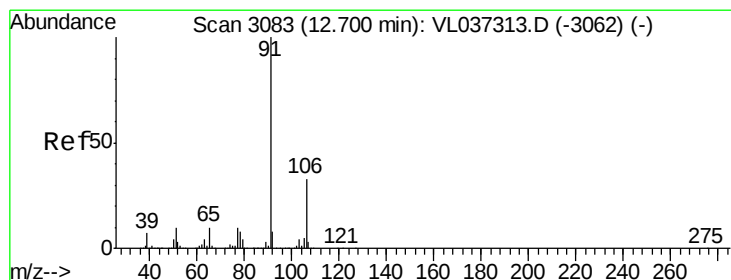
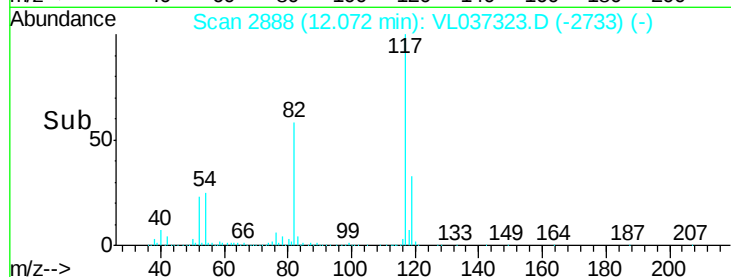
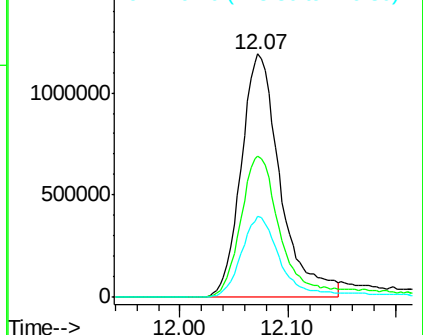
MMDadoda
8/5/2021 1:40:29 PM



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: 0.579 ppbv

RT: 12.70 min Scan# 3082

Delta R.T. -0.00 min

Lab File: VL037323.D

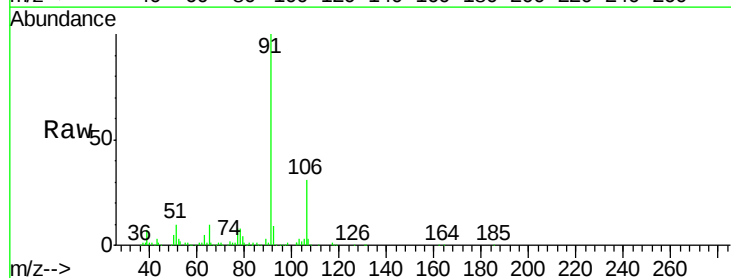
Acq: 5 Aug 2021 1:12

Tgt Ion: 91 Resp: 256063

Ion Ratio Lower Upper

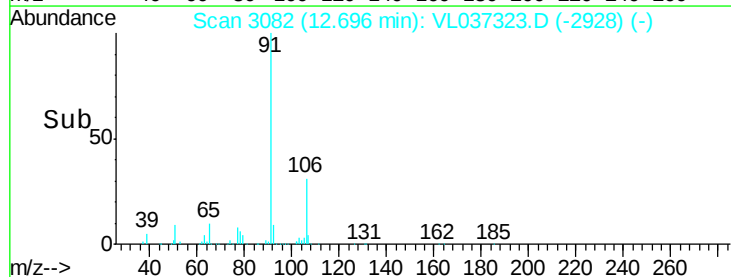
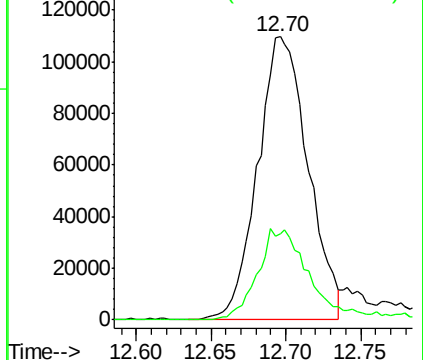
91 100

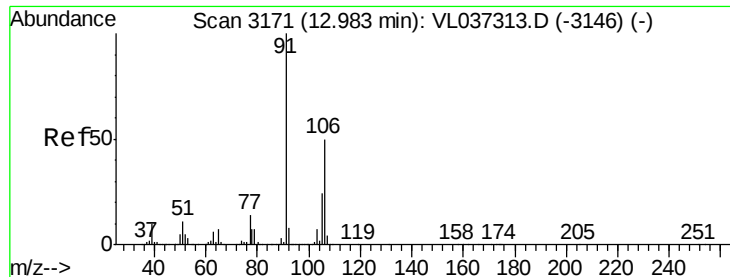
106 30.7 26.2 39.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





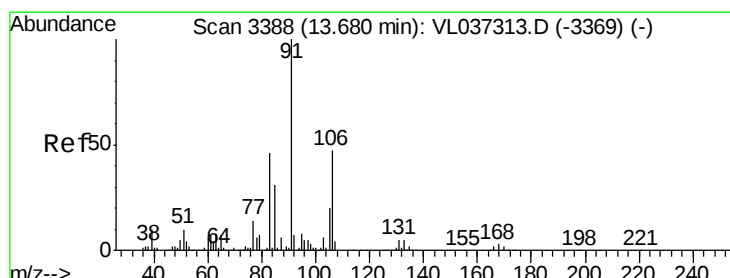
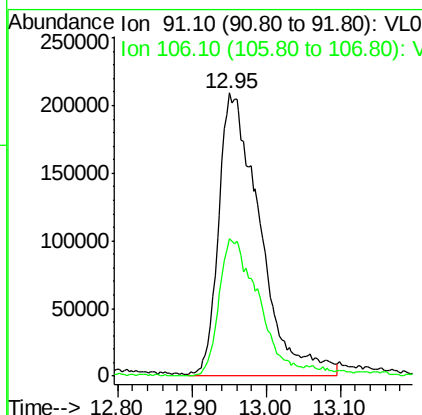
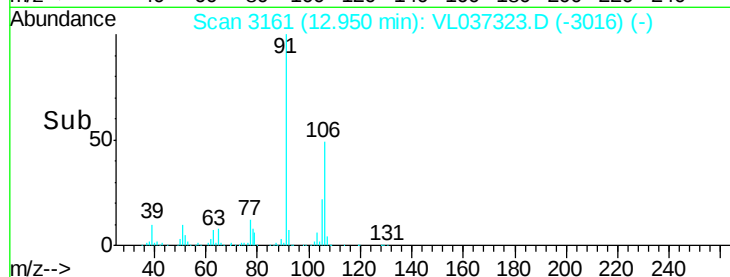
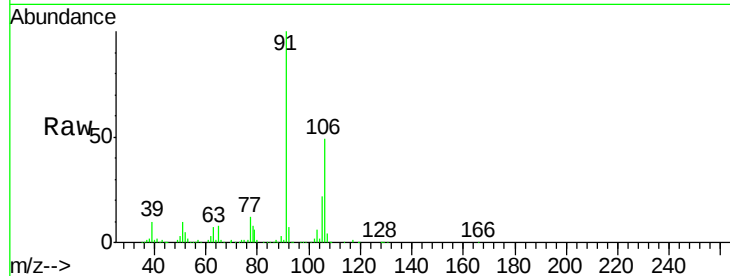
#59
m/p-Xylene
Concen: 2.171 ppbv m
RT: 12.95 min Scan# 3161
Delta R.T. -0.03 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Instrument :
MSVOA_L
ClientSampled :
SVP-1

Tot Ion: 91 Resp: 808274
Ion Ratio Lower Upper
91 100
106 0.0 37.8 56.8#

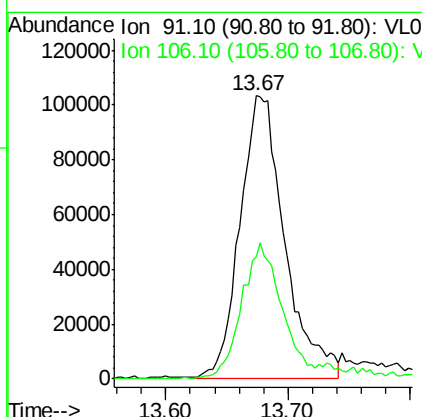
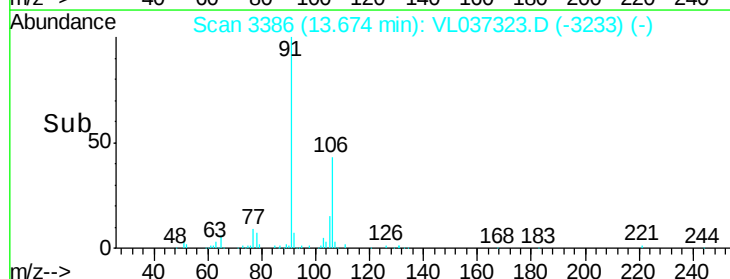
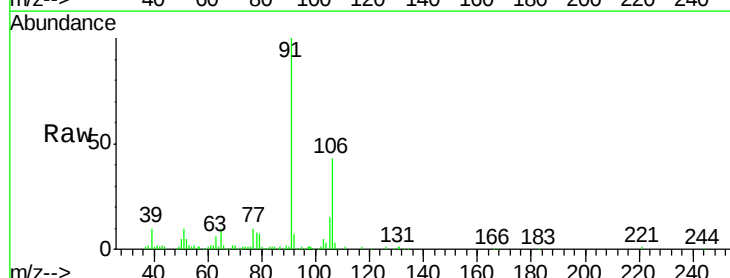
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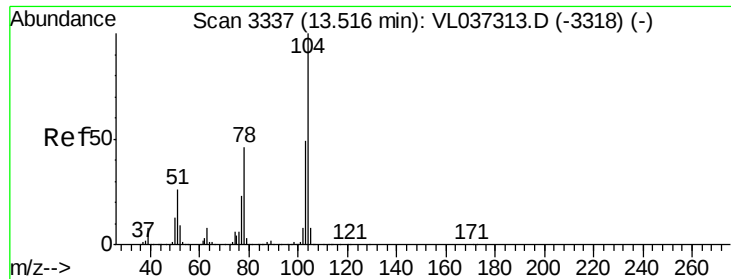
MMDadoda
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#60
o-Xylene
Concen: 0.782 ppbv m
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Tgt Ion: 91 Resp: 264678
Ion Ratio Lower Upper
91 100
106 0.0 26.3 78.8#





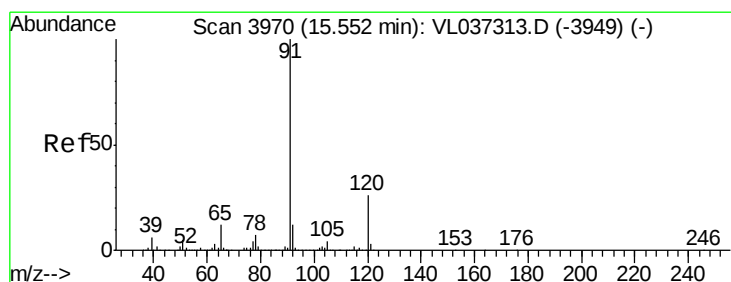
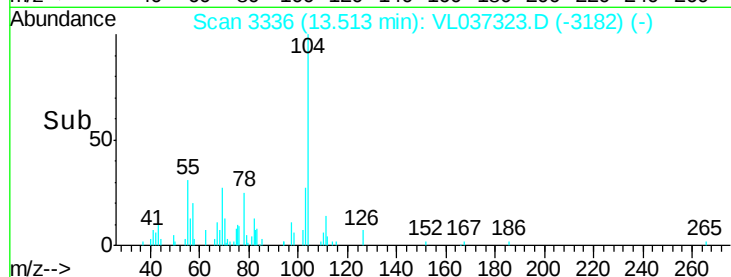
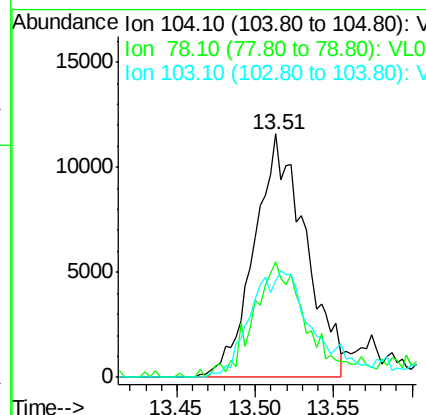
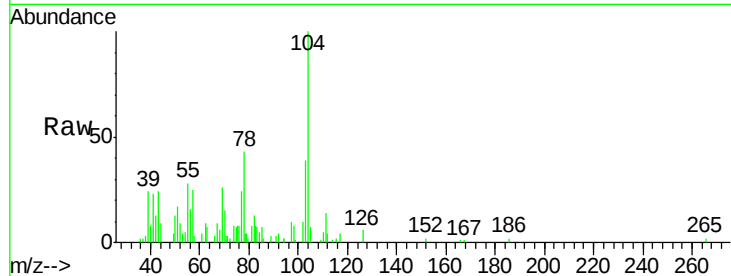
#61
Stvrene
Concen: 0.142 ppbv m
RT: 13.51 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Instrument :
MSVOA_L
ClientSampleId :
SVP-1

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.0	39.3	58.9
103	53.3	40.6	60.8

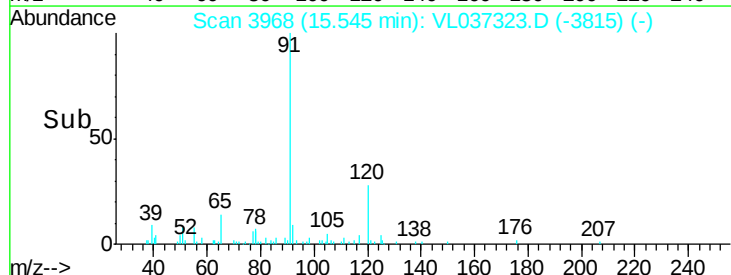
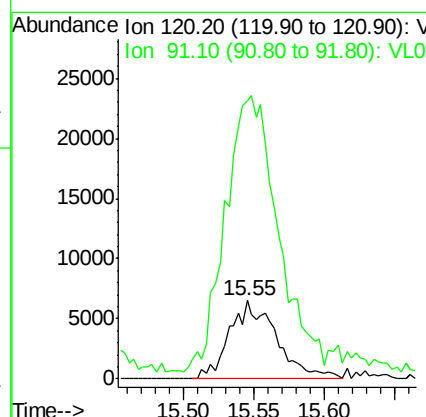
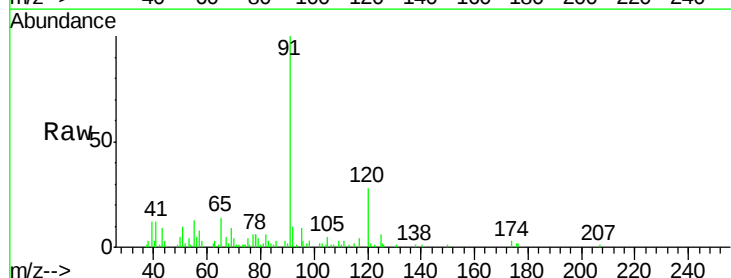
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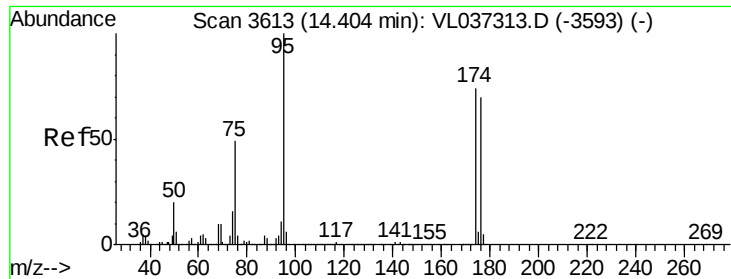
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#64
n-propylbenzene
Concen: 0.117 ppbv m
RT: 15.55 min Scan# 3968
Delta R.T. -0.01 min
Lab File: VL037323.D
Acq: 5 Aug 2021 1:12

Tgt Ion	Ratio	Lower	Upper
120	100		
91	415.8	361.0	541.4





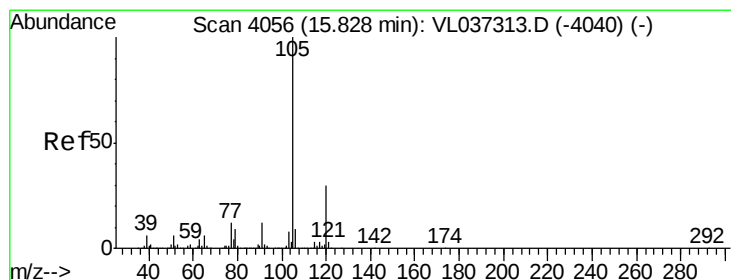
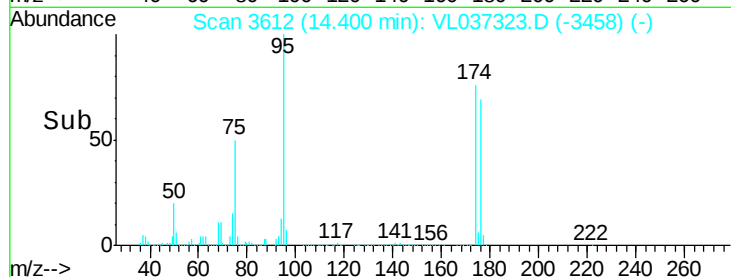
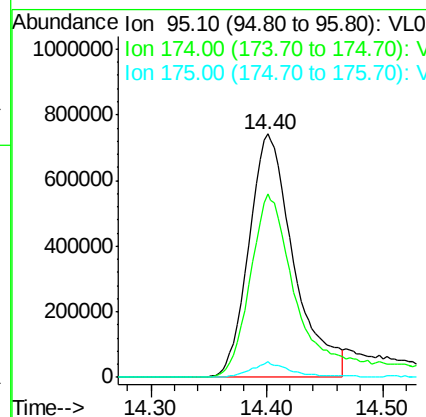
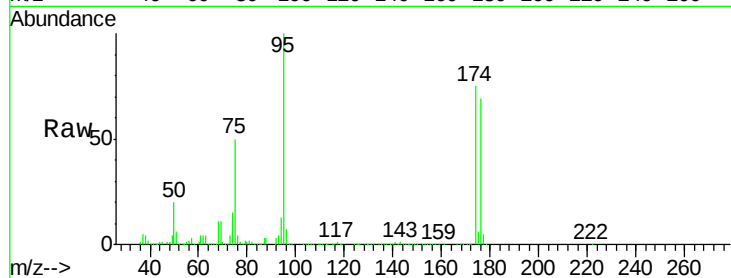
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.724 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.00 min
 Lab File: VL037323.D
 Acq: 5 Aug 2021 1:12

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-1

Tot Ion: 95 Resp: 1999092
 Ion Ratio Lower Upper
 95 100
 174 86.2 66.9 100.3
 175 5.7 5.1 7.7

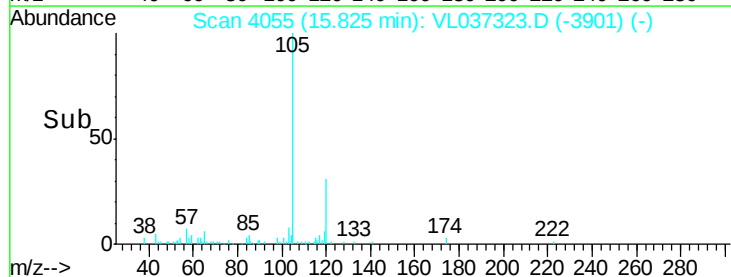
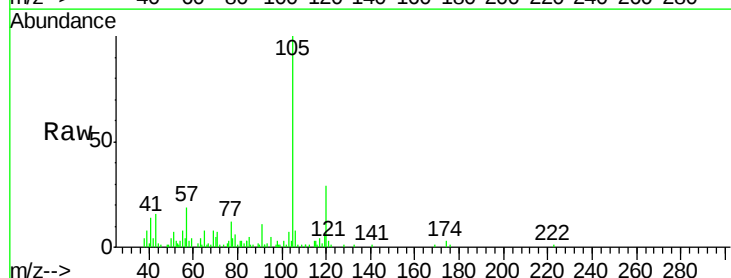
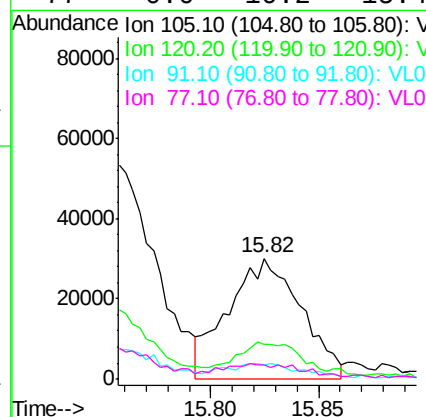
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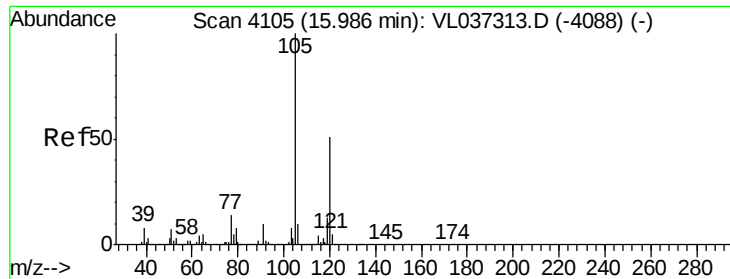
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#72
 4-Ethyltoluene
 Concen: 0.174 ppbv m
 RT: 15.82 min Scan# 4055
 Delta R.T. -0.00 min
 Lab File: VL037323.D
 Acq: 5 Aug 2021 1:12

Tgt Ion: 105 Resp: 70990
 Ion Ratio Lower Upper
 105 100
 120 33.0 25.6 38.4
 91 11.3 9.4 14.2
 77 0.0 10.2 15.4#





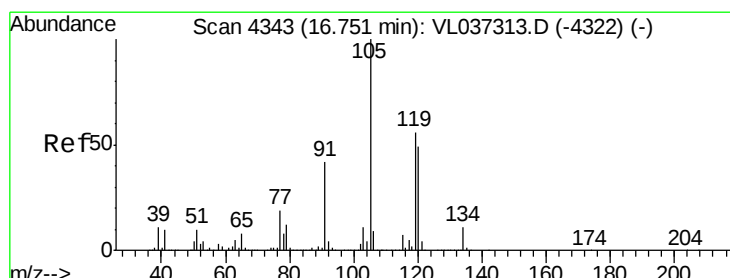
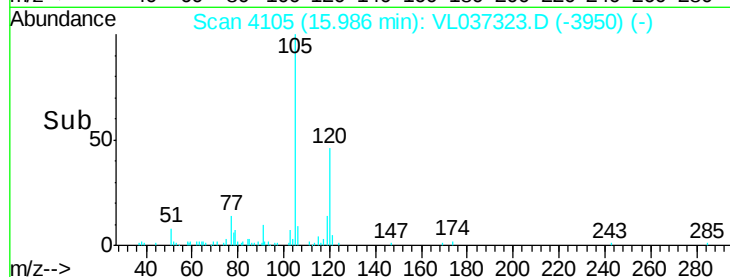
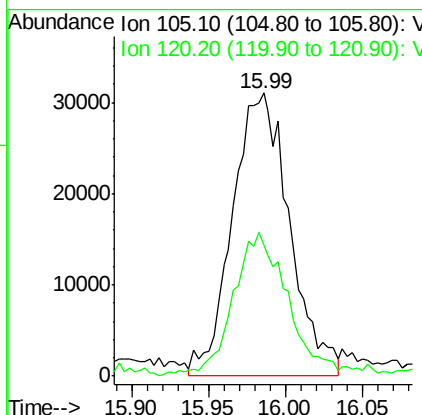
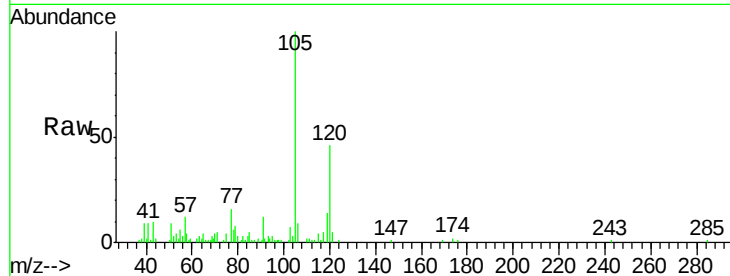
#73
 1,3,5-Trimethylbenzene
 Concen: 0.218 ppbv m
 RT: 15.99 min Scan# 4105
 Delta R.T. -0.00 min
 Lab File: VL037323.D
 Acq: 5 Aug 2021 1:12

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-1

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.4	40.4	60.6

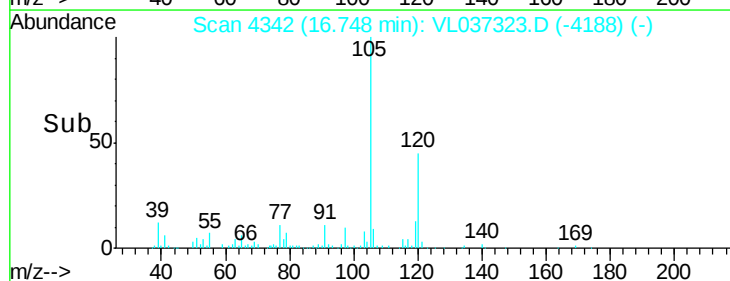
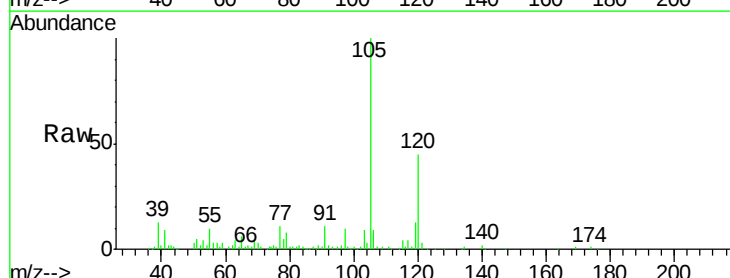
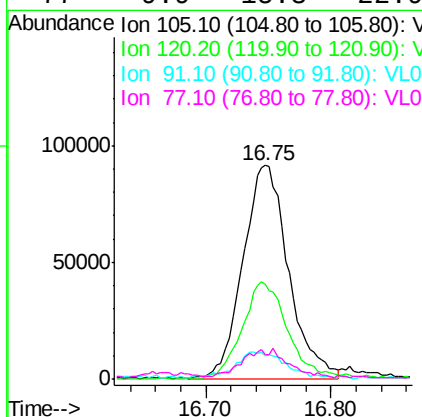
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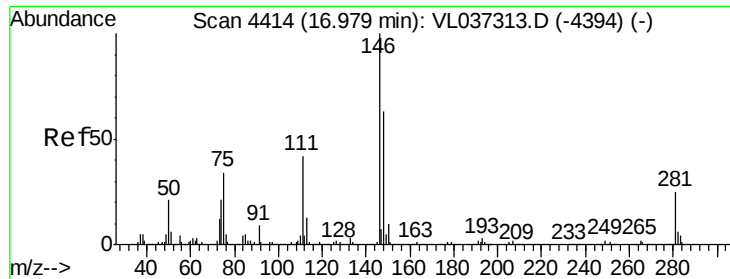
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#74
 1,2,4-Trimethylbenzene
 Concen: 0.588 ppbv
 RT: 16.75 min Scan# 4342
 Delta R.T. -0.00 min
 Lab File: VL037323.D
 Acq: 5 Aug 2021 1:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	39.6	59.4
91	10.2	34.5	51.7#
77	9.9	15.3	22.9#





#75

1,3-Dichlorobenzene

Concen: 0.266 ppbv m

RT: 16.98 min Scan# 4415

Delta R.T. 0.00 min

Lab File: VL037323.D

Acq: 5 Aug 2021 1:12

Instrument :

MSVOA_L

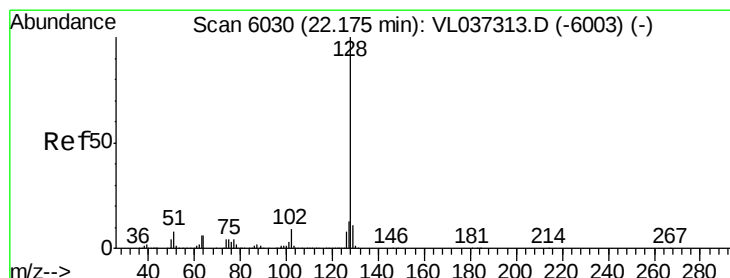
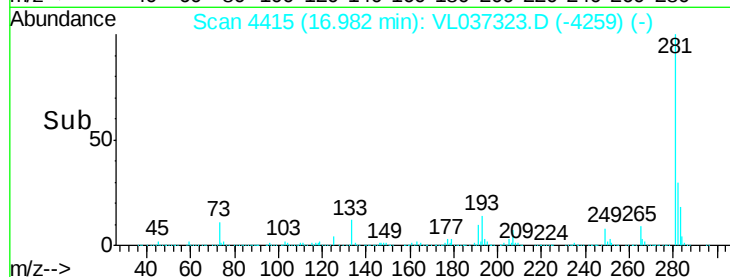
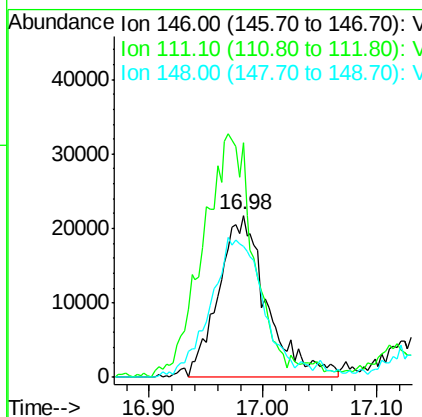
ClientSampleId :

SVP-1

Tot Ion:	146	Resp:	63997
Ion Ratio	Lower	Upper	
146	100		
111	0.0	21.4	64.3#
148	0.0	32.6	97.7#

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#79

Naphthalene

Concen: 0.212 ppbv m

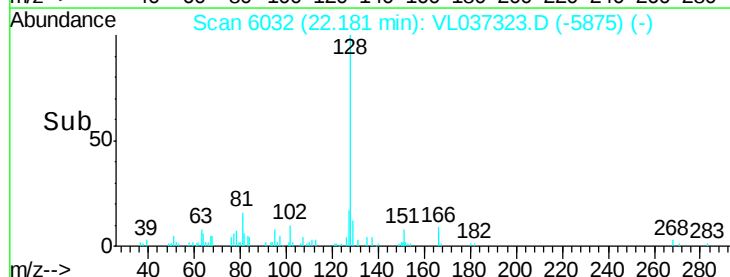
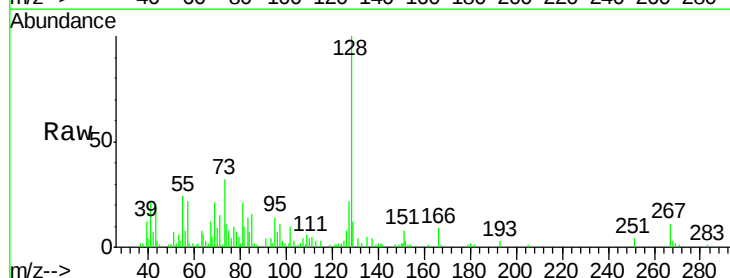
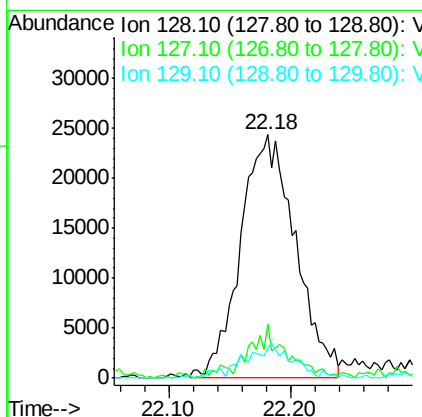
RT: 22.18 min Scan# 6032

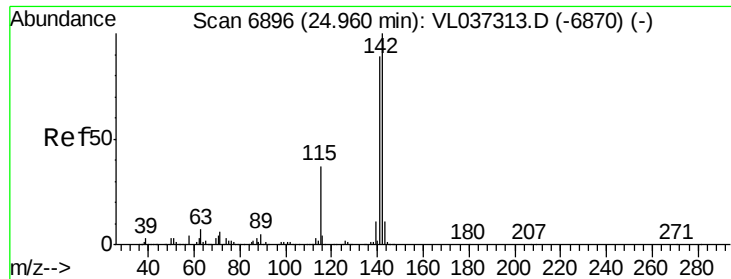
Delta R.T. 0.01 min

Lab File: VL037323.D

Acq: 5 Aug 2021 1:12

Tgt Ion:	128	Resp:	76227
Ion Ratio	Lower	Upper	
128	100		
127	22.1	10.3	15.5#
129	12.2	8.6	12.8





#80
 Naphthalene, 2-methyl-
 Concen: 1.494 ppbv
 RT: 24.95 min Scan# 6894
 Delta R.T. -0.01 min
 Lab File: VL037323.D
 Acq: 5 Aug 2021 1:12

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-1

Tot Ion	Ratio	Lower	Upper
142	100		
141	79.8	67.2	100.8
115	32.0	27.9	41.9

Manual Integrations
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