

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080421\
 Data File : VL037324.D
 Acq On : 5 Aug 2021 1:53
 Operator : SY/AP
 Sample : M3211-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-2

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 1:40:33 PM

Quant Time: Aug 05 08:09:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 0
 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	1210736	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3795496	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3176651	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2447976	11.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.80%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	73995	0.301 ppbv	99
3) Chlorodifluoromethane	2.98	51	58341	0.237 ppbv	92
4) Chloromethane	3.14	50	48160	0.546 ppbv	92
7) Chloroethane	3.55	64	3738	0.114 ppbv #	57
9) Propene	3.01	41	220440	2.477 ppbv	96
10) Heptane	8.11	43	147594	0.710 ppbv	98
11) Trichlorofluoromethane	3.94	101	88142	0.390 ppbv	96
13) Ethanol	3.60	45	517721	38.616 ppbv	92
15) Acetone	3.84	43	7810450	59.388 ppbv	97
17) tert-Butyl alcohol	4.30	59	80455	0.609 ppbv #	92
19) Isopropyl Alcohol	3.97	45	296513	4.074 ppbv #	93
20) Methylene Chloride	4.34	84	2946453	27.060 ppbv	99
26) Hexane	5.68	57	1982847	10.361 ppbv #	48
27) Carbon Disulfide	4.55	76	978013	6.280 ppbv	98
29) Chloroform	5.75	83	93663	0.386 ppbv	95
30) Cyclohexane	7.12	84	286454	1.941 ppbv	91
32) 1,1,1-Trichloroethane	6.50	97	128691	0.557 ppbv	96
34) 2-Butanone	5.23	43	4998262	37.950 ppbv	99
35) Carbon Tetrachloride	7.01	117	41255	0.182 ppbv	96
36) Benzene	6.88	78	398879	1.168 ppbv	99
38) Trichloroethene	7.82	130	36040m	0.241 ppbv	
41) Tetrahydrofuran	6.03	42	6957592	94.990 ppbv	99
44) 2,2,4-Trimethylpentane	7.86	57	229147m	0.406 ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	79733	0.395 ppbv	90
51) 2-Hexanone	10.13	43	368846m	4.023 ppbv	
52) Tetrachloroethene	11.21	164	1531239	10.408 ppbv	98
53) Toluene	9.80	91	1120481	2.779 ppbv	100
57) Chlorobenzene	12.13	112	181478m	0.677 ppbv	
58) Ethyl Benzene	12.70	91	264546	0.567 ppbv	92
59) m/p-Xylene	12.95	91	694550	1.767 ppbv	88
60) o-Xylene	13.68	91	325359	0.911 ppbv	97
61) Styrene	13.52	104	24311m	0.124 ppbv	
62) Isopropylbenzene	14.65	105	57410	0.111 ppbv	92
63) 1,1,2,2-Tetrachloroethane	13.66	83	233422	0.900 ppbv #	56
65) tert-Butylbenzene	16.76	119	90310m	0.189 ppbv	
67) sec-Butylbenzene	17.30	105	170908	0.265 ppbv	98
69) p-Isopropyltoluene	17.66	119	84417m	0.156 ppbv	
72) 4-Ethyltoluene	15.84	105	136783	0.317 ppbv #	85
73) 1,3,5-Trimethylbenzene	16.00	105	295122	0.761 ppbv	92
74) 1,2,4-Trimethylbenzene	16.76	105	517151	1.250 ppbv #	74
75) 1,3-Dichlorobenzene	17.00	146	108508m	0.427 ppbv	

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SVP-2

Manual Integrations
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8/5/2021 1:40:33 PM

Quant Time: Aug 05 08:09:28 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 04 22:53:01 2021
QLast Update : Wed Aug 04 22:53:01 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	22.19	128	91836	0.242	ppbv	99
80) Naphthalene,2-methyl-	24.96	142	40832	0.662	ppbv #	87

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

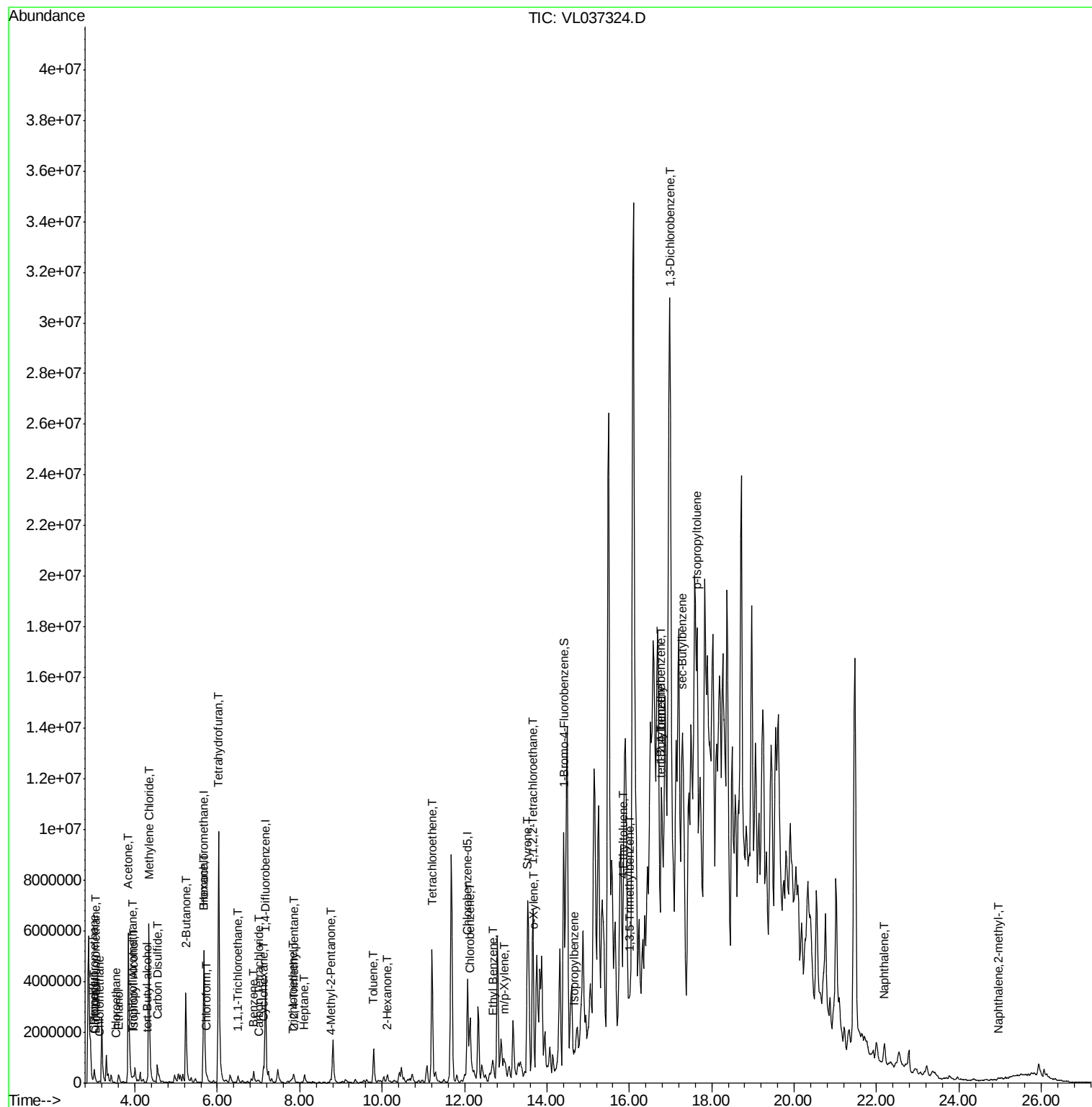
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080421\
Data File : VL037324.D
Acq On : 5 Aug 2021 1:53
Operator : SY/AP
Sample : M3211-02
Misc : 400mL/MSVOA L
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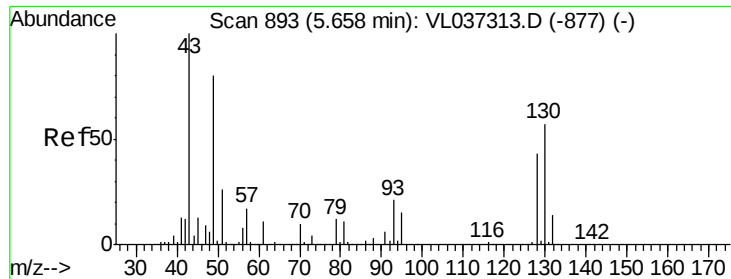
Instrument :
MSVOA_L
ClientSampled :
SVP-2

Manual Integrations
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Quant Time: Aug 05 08:09:28 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080421AIR.M
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#1

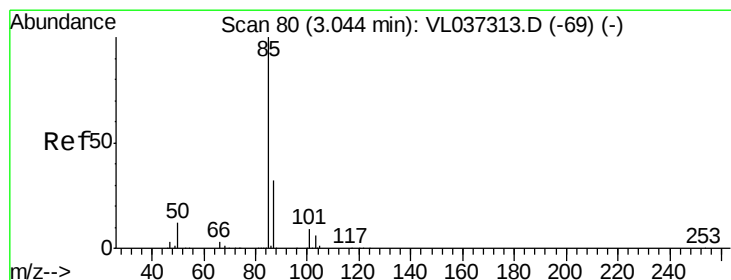
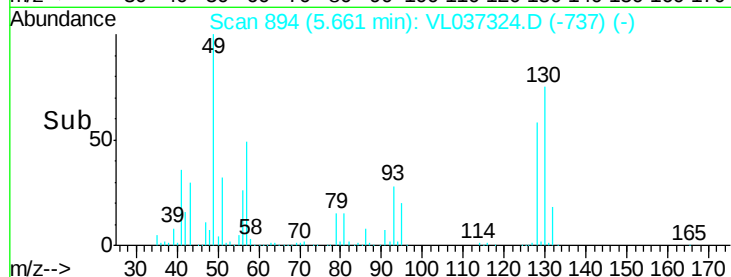
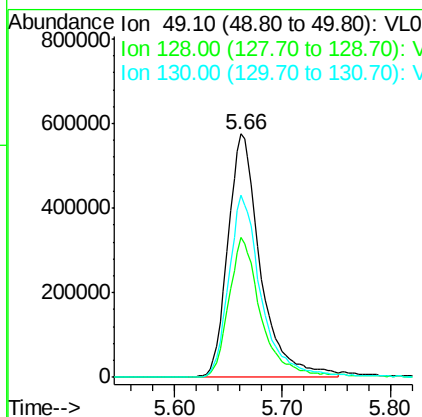
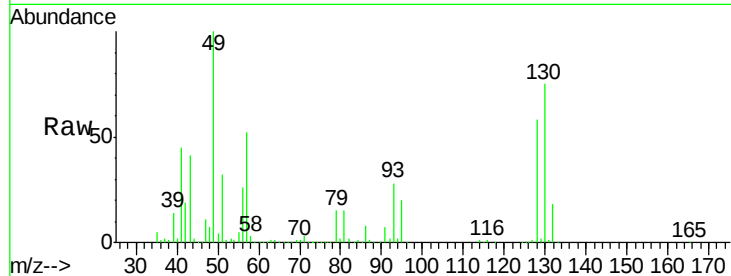
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampled :
SVP-2

Tot Ion: 49 Resp: 1210736
Ion Ratio Lower Upper
49 100
128 58.0 29.8 89.5
130 75.7 37.5 112.7

Manual Integrations
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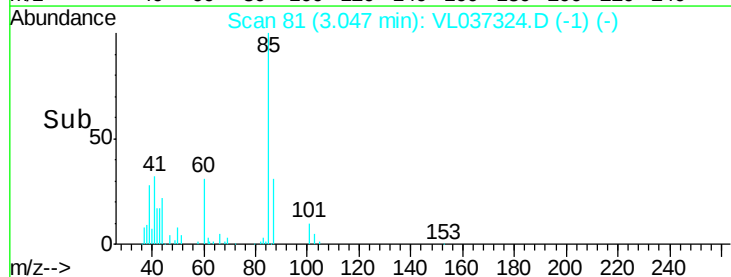
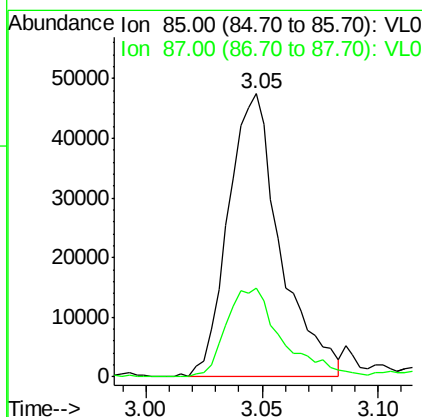
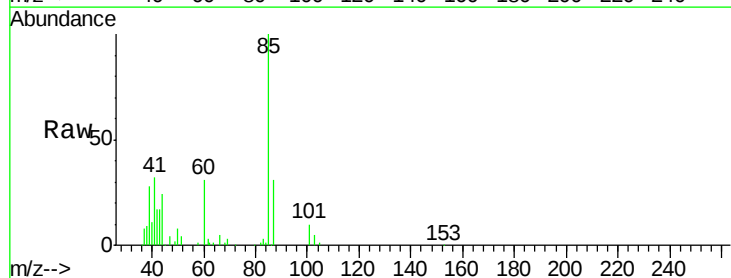
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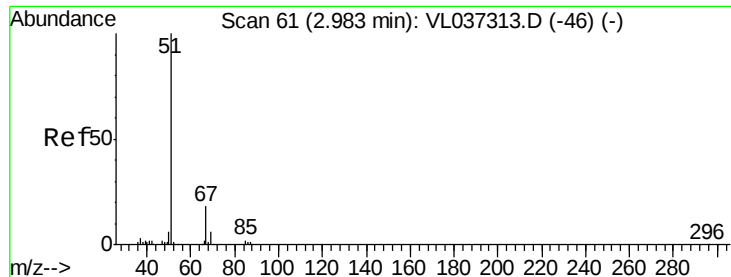


#2

Dichlorodifluoromethane
Concen: 0.301 ppbv
RT: 3.05 min Scan# 81
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 85 Resp: 73995
Ion Ratio Lower Upper
85 100
87 31.5 25.5 38.3





#3

Chlorodifluoromethane

Concen: 0.237 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.00 min

Lab File: VL037324.D

Acq: 5 Aug 2021 1:53

Instrument :

MSVOA_L

ClientSampleId :

SVP-2

Tot Ion: 51 Resp: 58341

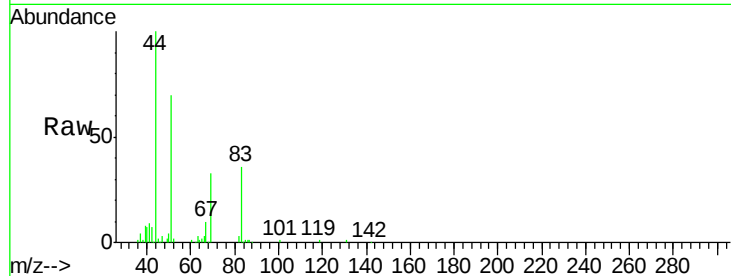
Ion Ratio Lower Upper

51 100

67 14.4 14.2 21.2

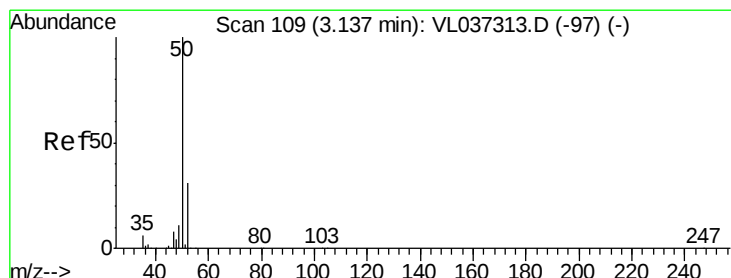
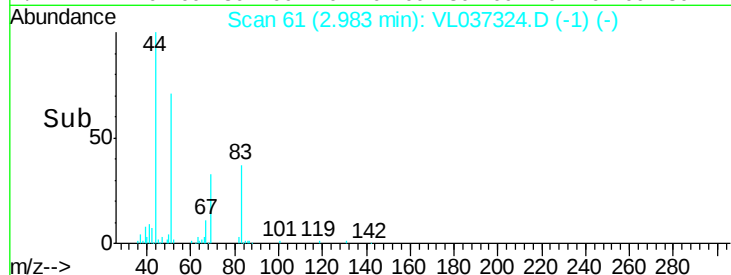
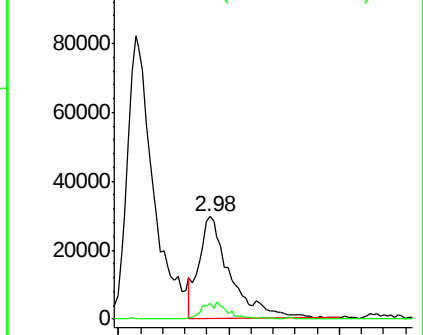
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.546 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL037324.D

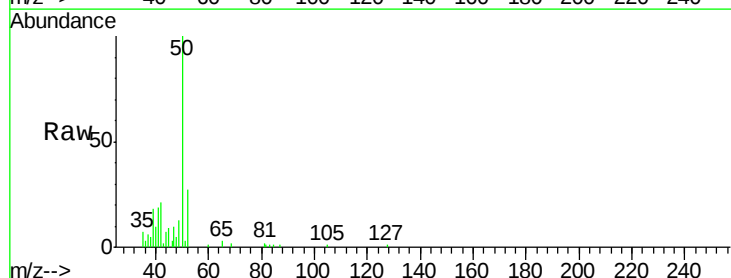
Acq: 5 Aug 2021 1:53

Tgt Ion: 50 Resp: 48160

Ion Ratio Lower Upper

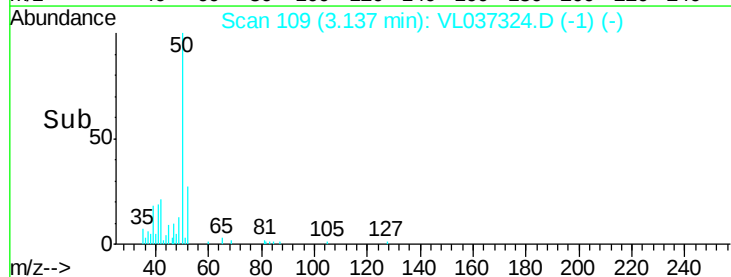
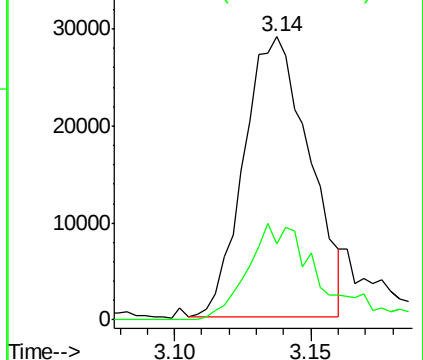
50 100

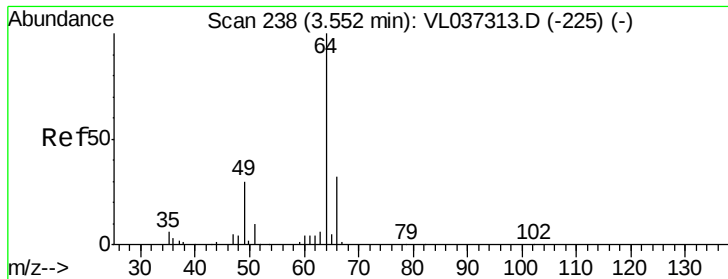
52 27.2 25.1 37.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 0.114 ppbv

RT: 3.55 min Scan# 236

Delta R.T. -0.01 min

Lab File: VL037324.D

Acq: 5 Aug 2021 1:53

Instrument :

MSVOA_L

ClientSampleId :

SVP-2

Tot Ion: 64 Resp: 3738

Ion Ratio Lower Upper

64 100

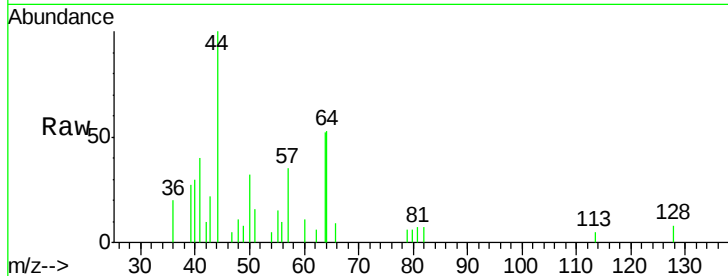
66 8.1 25.5 38.3#

Manual Integrations

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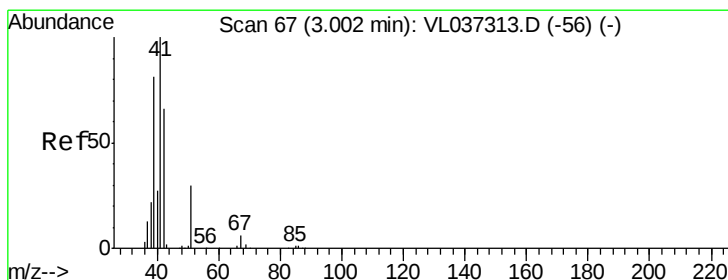
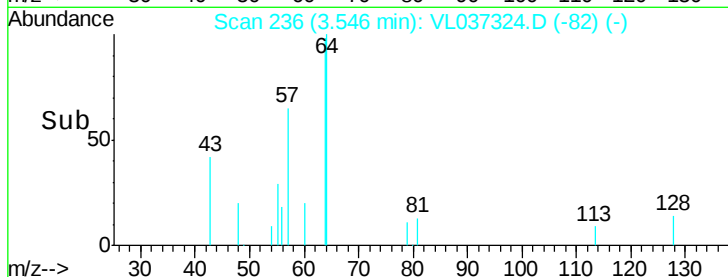
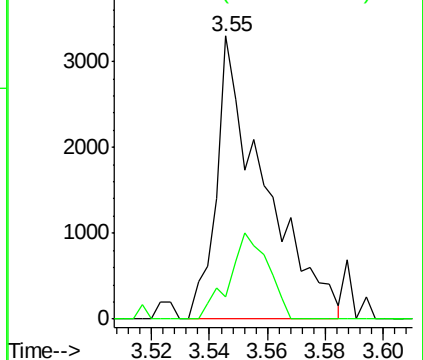
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 2.477 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VL037324.D

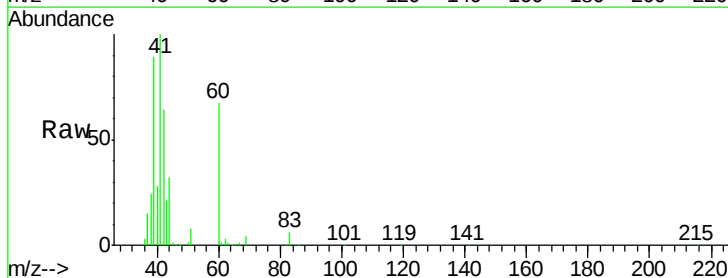
Acq: 5 Aug 2021 1:53

Tgt Ion: 41 Resp: 220440

Ion Ratio Lower Upper

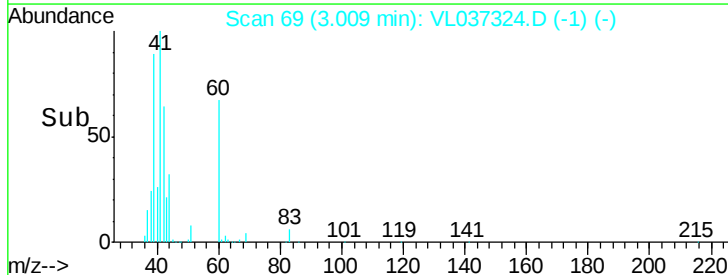
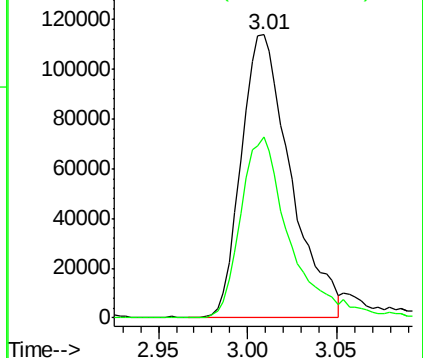
41 100

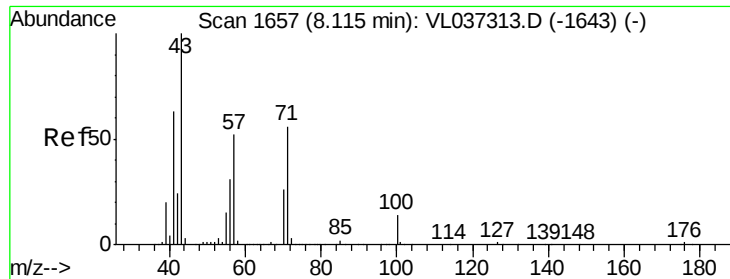
42 64.5 53.8 80.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





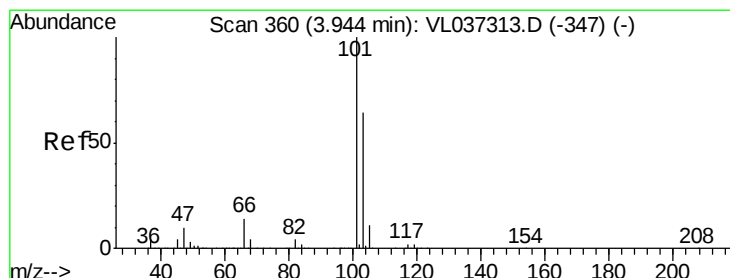
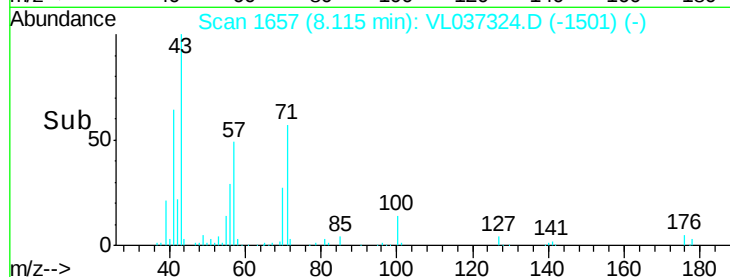
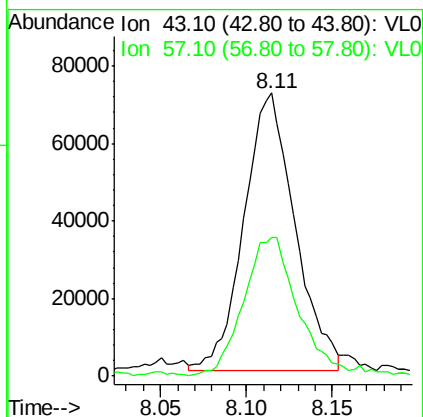
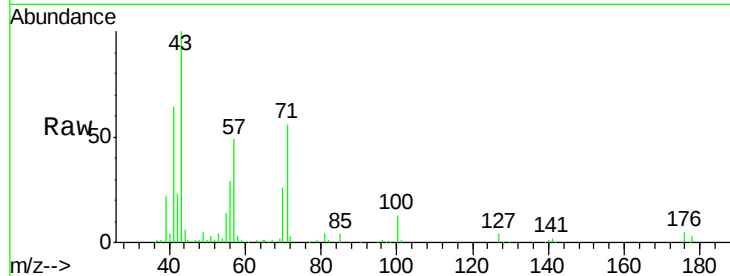
#10
Heptane
Concen: 0.710 ppbv
RT: 8.11 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :
SVP-2

Tot Ion: 43 Resp: 147594
Ion Ratio Lower Upper
43 100
57 54.4 42.4 63.6

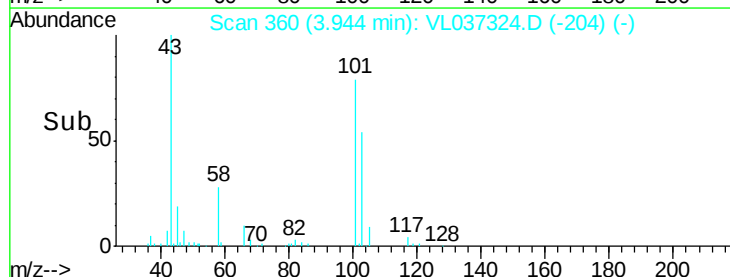
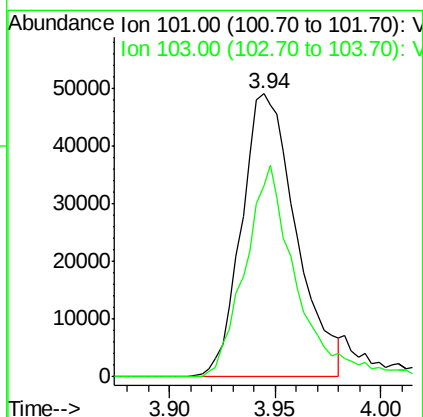
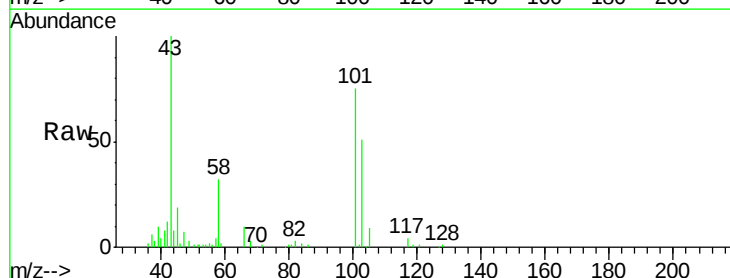
Manual Integrations
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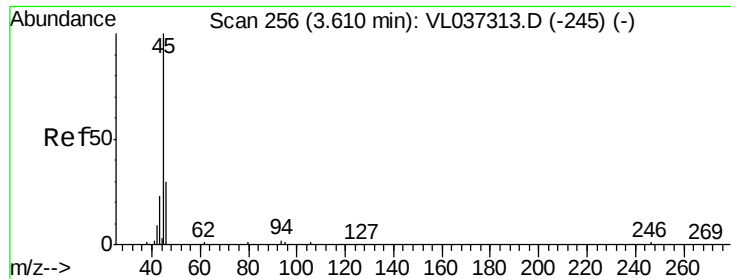
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#11
Trichlorofluoromethane
Concen: 0.390 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 101 Resp: 88142
Ion Ratio Lower Upper
101 100
103 67.6 51.6 77.4





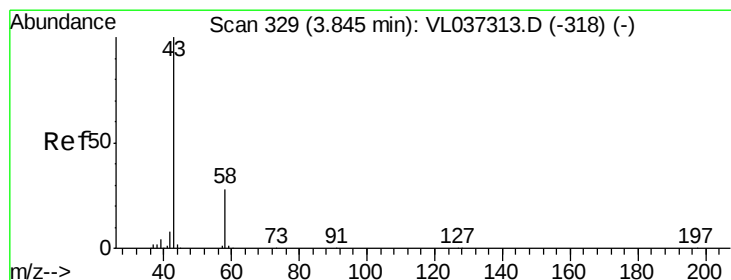
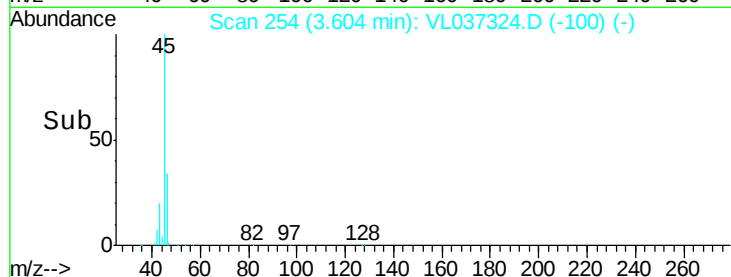
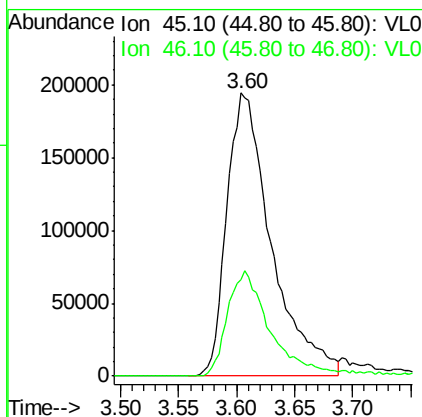
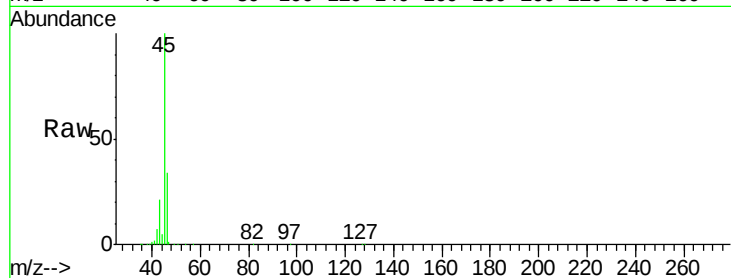
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Ethanol
Concen: 38.616 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :
SVP-2

Tot Ion: 45 Resp: 517721
Ion Ratio Lower Upper
45 100
46 36.7 16.6 66.4

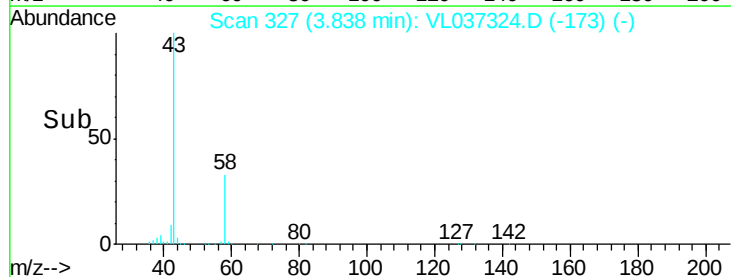
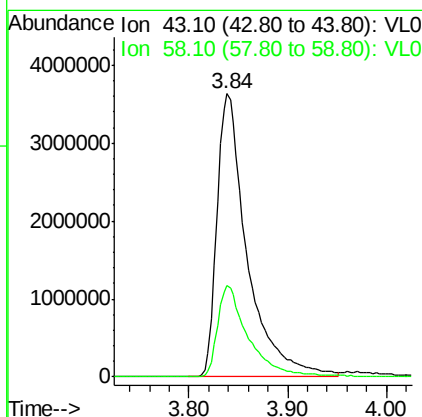
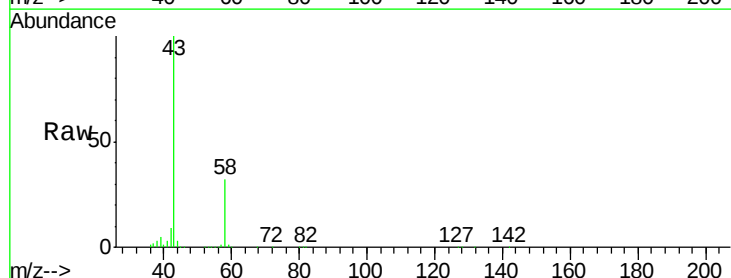
Manual Integrations
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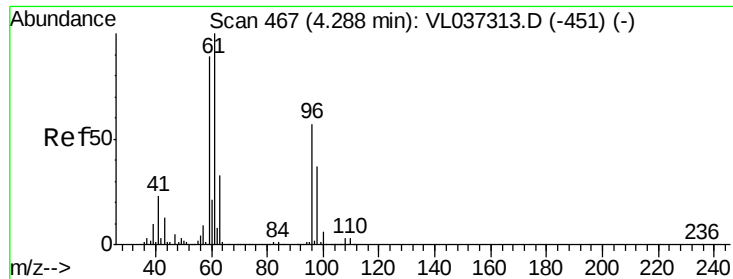
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#15
Acetone
Concen: 59.388 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 43 Resp: 7810450
Ion Ratio Lower Upper
43 100
58 33.4 25.3 37.9





#17

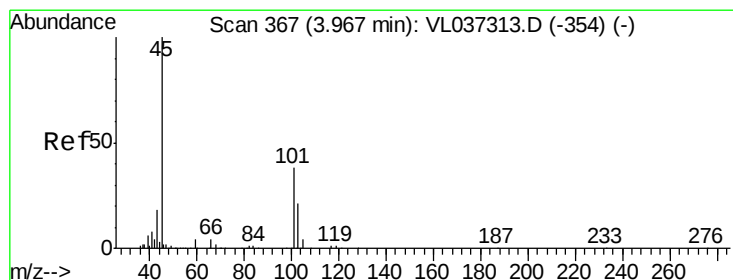
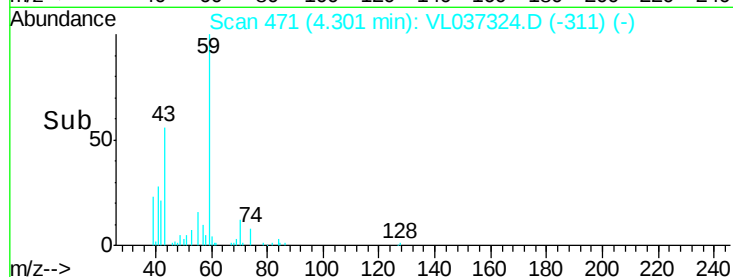
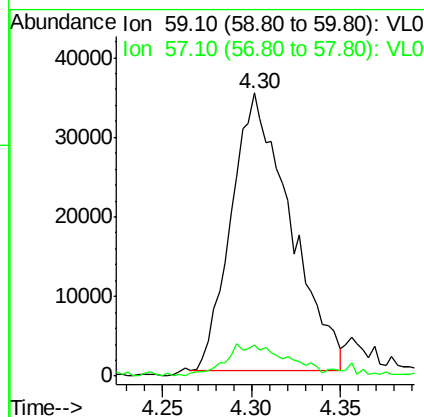
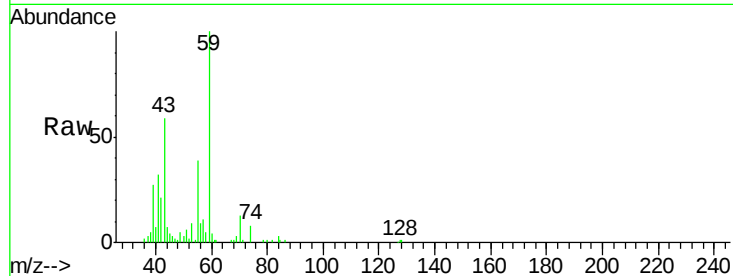
tert-Butyl alcohol
Concen: 0.609 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :
SVP-2

Tot Ion	59	Resp	80455
Ion	Ratio	Lower	Upper
59	100		
57	13.7	8.6	12.8#

Manual Integrations
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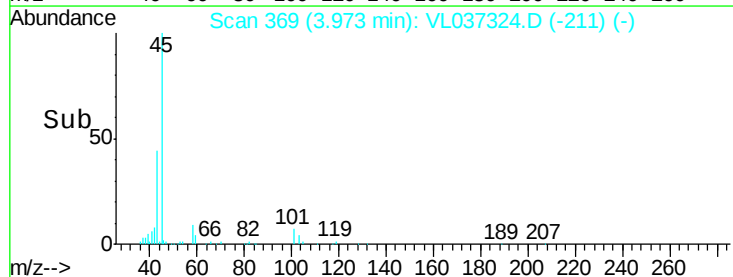
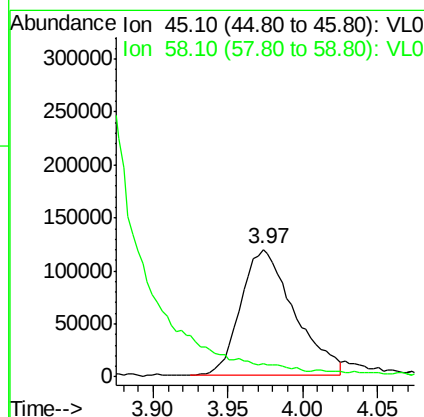
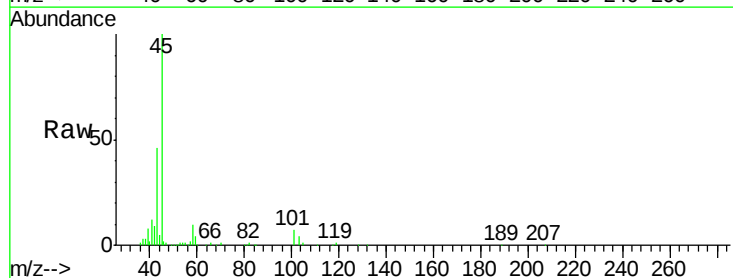
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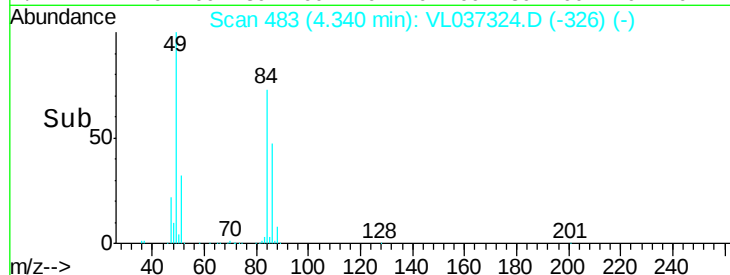
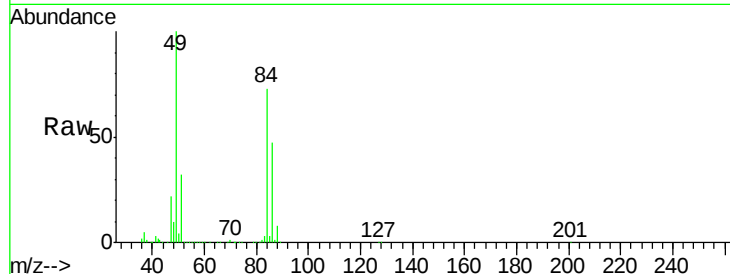
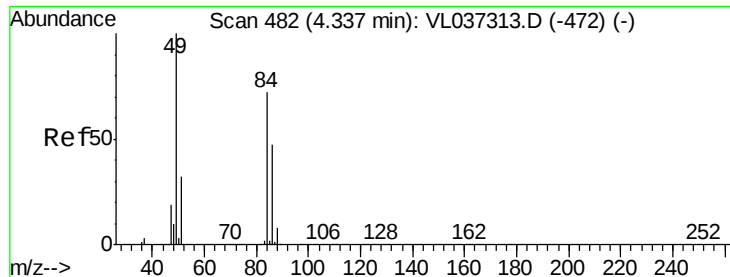


#19

Isopropyl Alcohol
Concen: 4.074 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.01 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

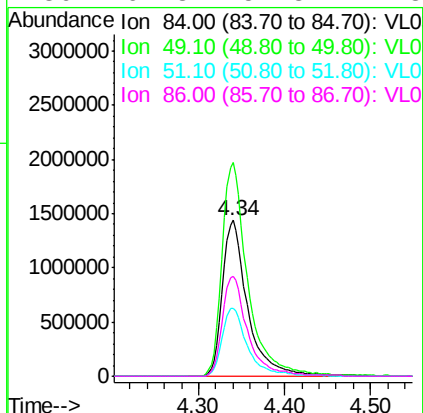
Tgt Ion	45	Resp	296513
Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.8#





#20
Methvlene Chloride
Concen: 27.060 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

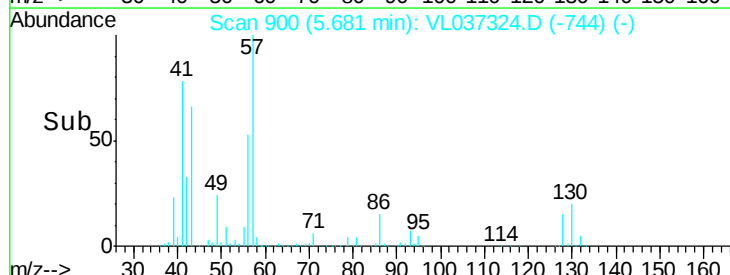
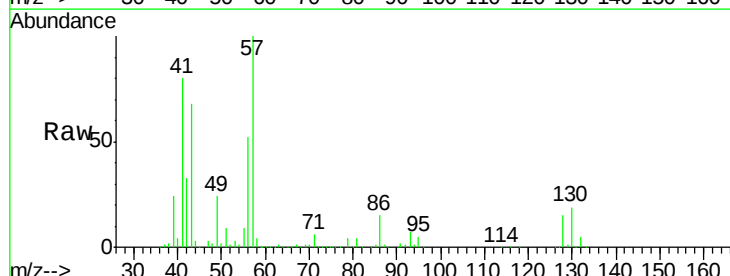
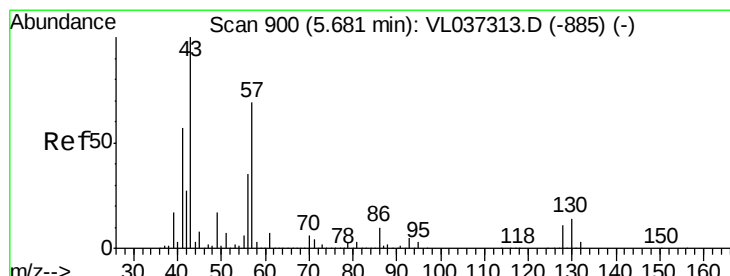
Tot Ion	Ratio	Lower	Upper
84	100		
49	136.9	110.4	165.6
51	43.7	35.8	53.6
86	64.3	51.8	77.8



Instrument :
MSVOA_L
ClientSampleId :
SVP-2

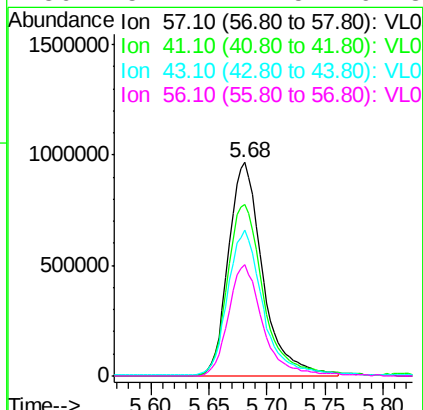
Manual Integrations
APPROVED

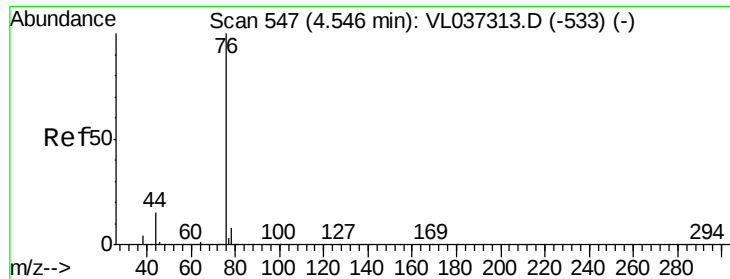
MMDadoda
8/5/2021 1:40:33 PM



#26
Hexane
Concen: 10.361 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion	Ratio	Lower	Upper
57	100		
41	84.5	67.5	101.3
43	70.7	163.0	244.4#
56	52.7	41.5	62.3





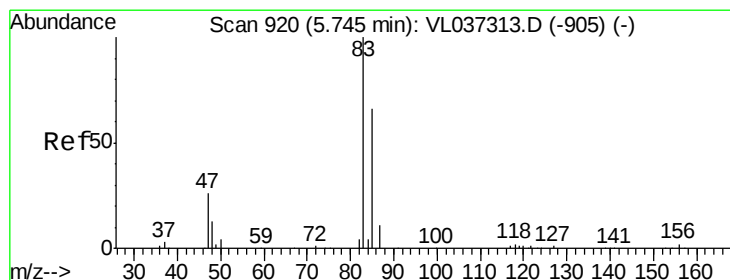
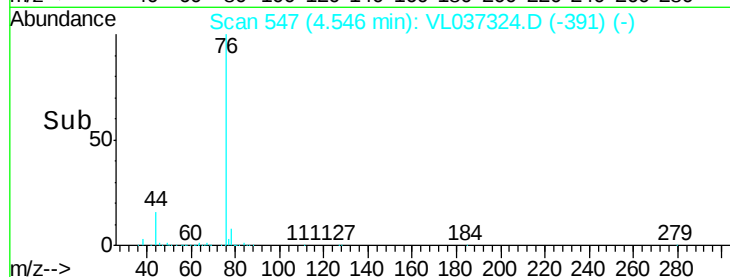
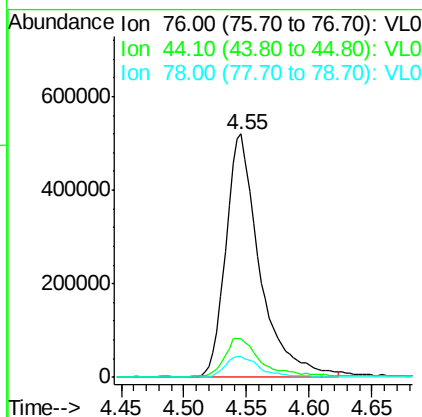
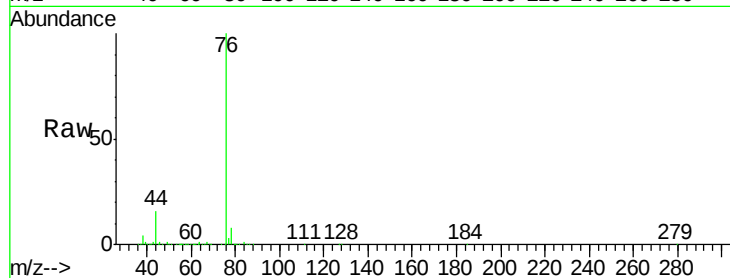
#27
Carbon Disulfide
Concen: 6.280 ppbv
RT: 4.55 min Scan# 547
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :
SVP-2

Tot Ion	Ratio	Lower	Upper
76	100		
44	17.0	13.1	19.7
78	9.2	8.0	12.0

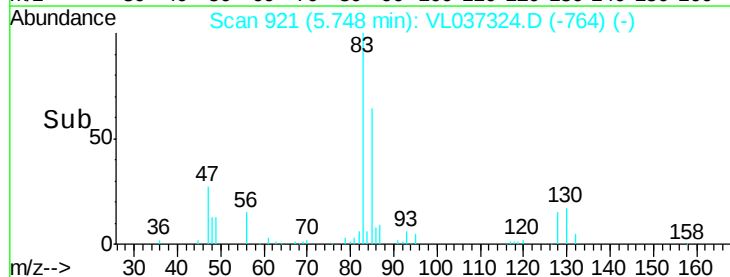
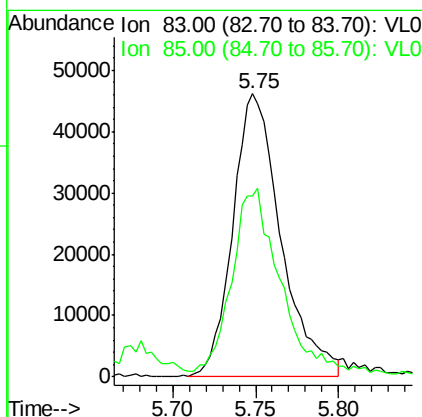
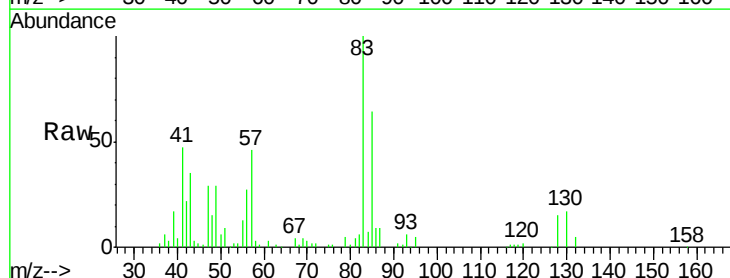
Manual Integrations
APPROVED

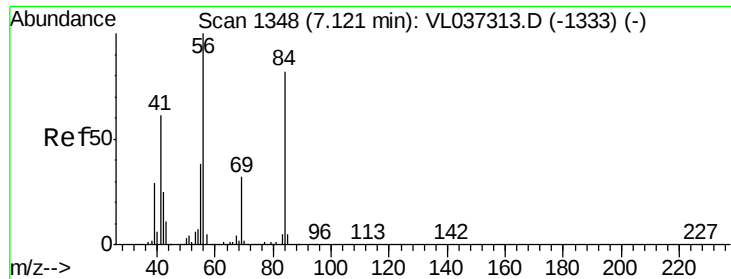
MMDadoda
8/5/2021 1:40:33 PM



#29
Chloroform
Concen: 0.386 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.6	79.0





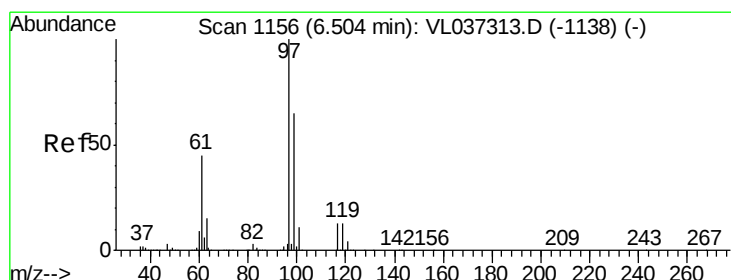
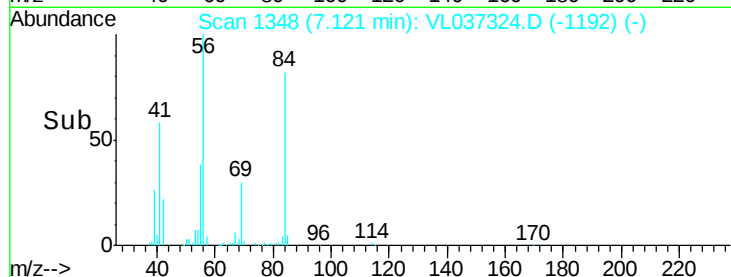
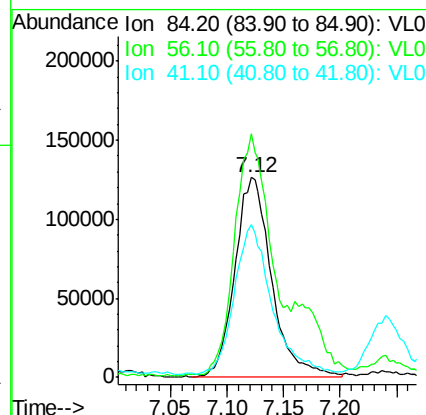
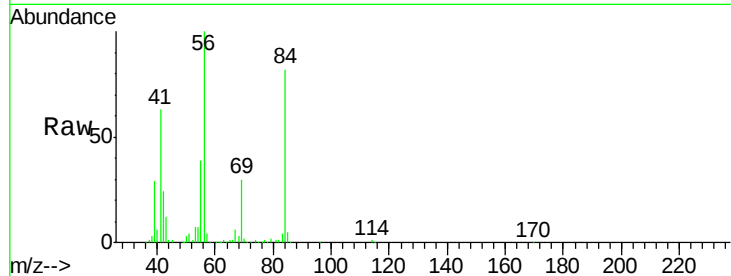
#30
Cvclohexane
Concen: 1.941 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :
SVP-2

Tot Ion	Ratio	Lower	Upper
84	100		
56	147.8	105.2	157.8
41	77.7	61.3	91.9

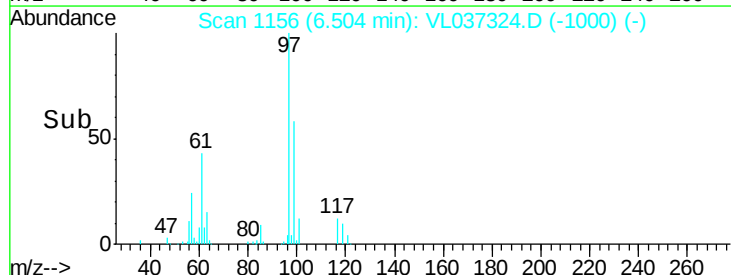
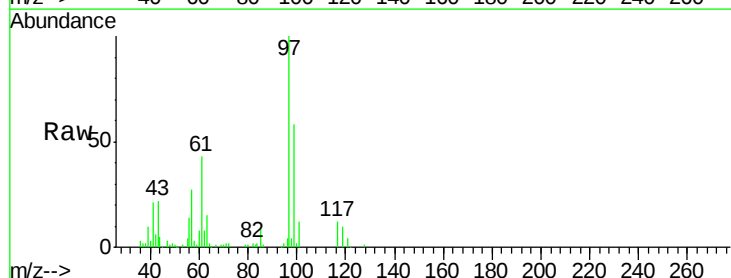
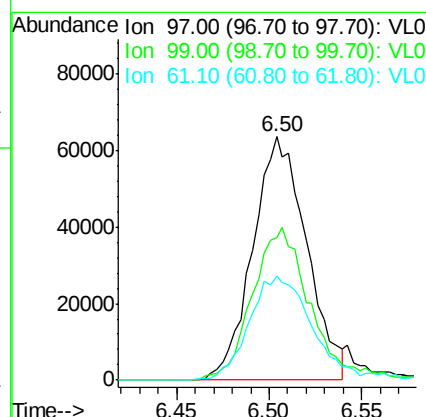
Manual Integrations
APPROVED

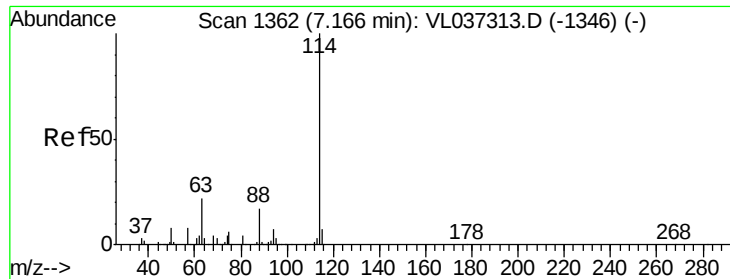
MMDadoda
8/5/2021 1:40:33 PM



#32
1,1,1-Trichloroethane
Concen: 0.557 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.6	52.3	78.5
61	50.6	37.2	55.8





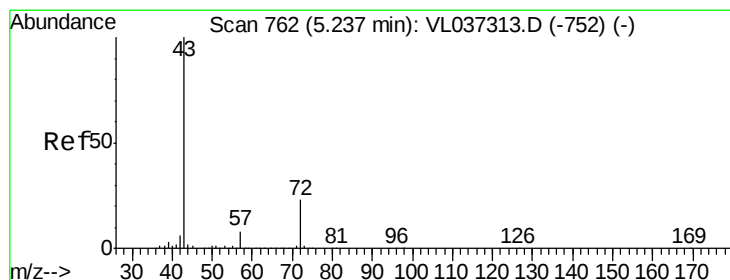
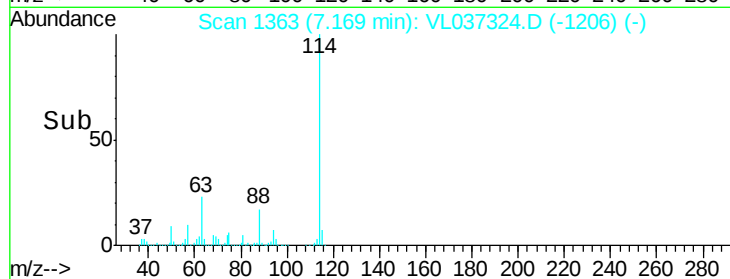
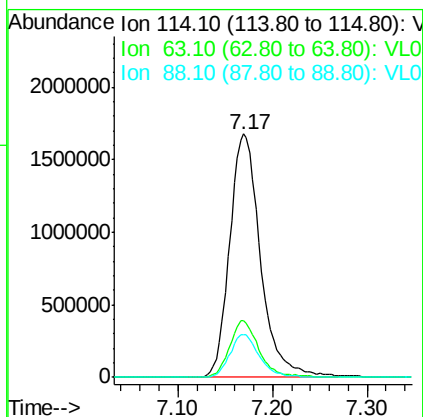
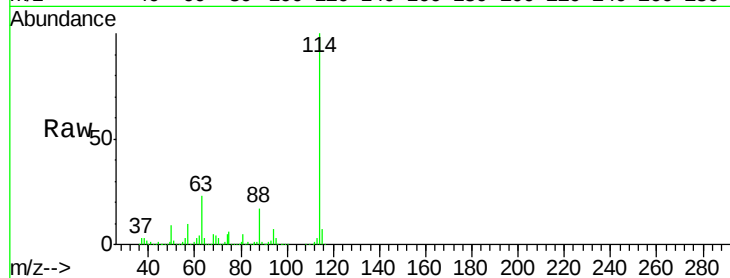
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-2

Tot Ion:114 Resp: 3795496
 Ion Ratio Lower Upper
 114 100
 63 22.5 18.1 27.1
 88 17.3 13.8 20.8

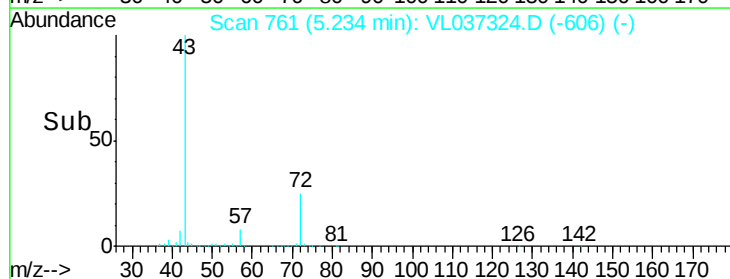
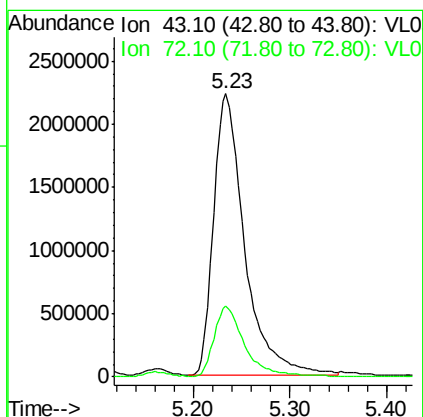
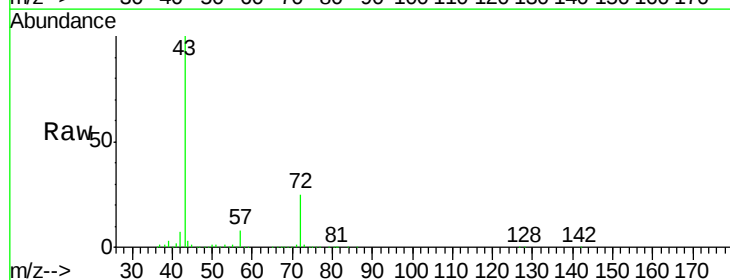
Manual Integrations
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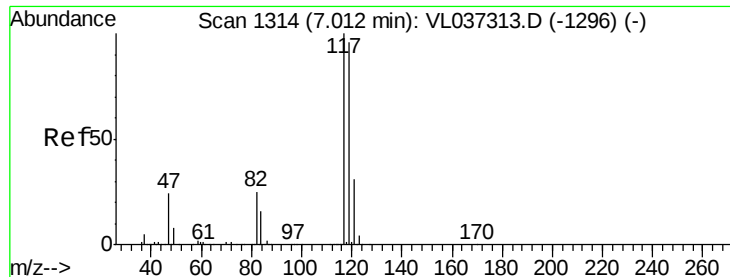
MMDadoda
 8/5/2021 1:40:33 PM



#34
 2-Butanone
 Concen: 37.950 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Tgt Ion: 43 Resp: 4998262
 Ion Ratio Lower Upper
 43 100
 72 24.9 20.3 30.5





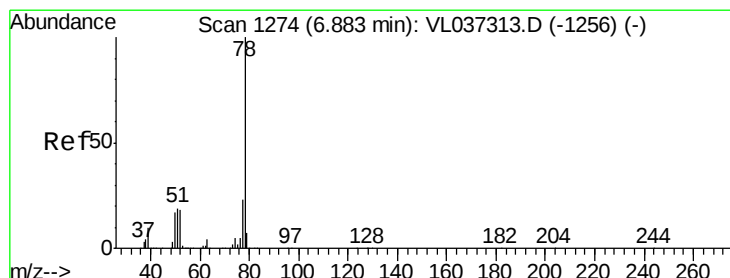
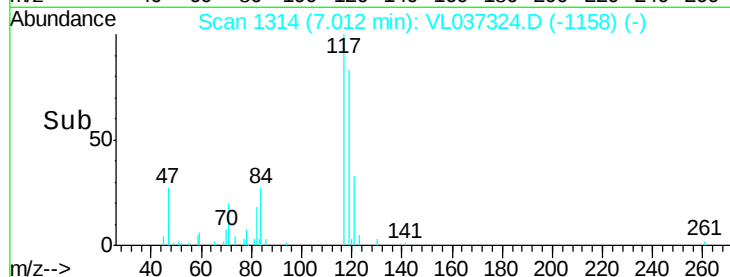
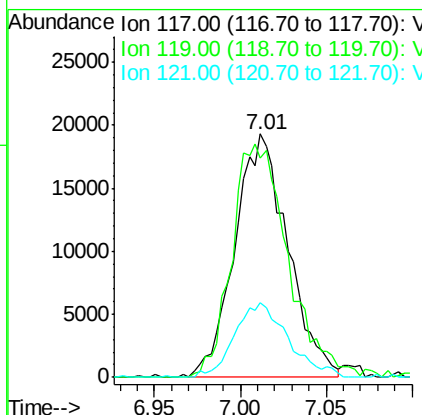
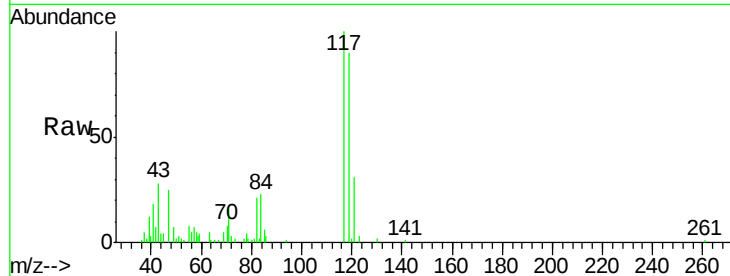
#35
Carbon Tetrachloride
Concen: 0.182 ppbv
RT: 7.01 min Scan# 1314
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampled :
SVP-2

Tot Ion	Ratio	Lower	Upper
117	100		
119	90.3	76.6	114.8
121	30.5	24.9	37.3

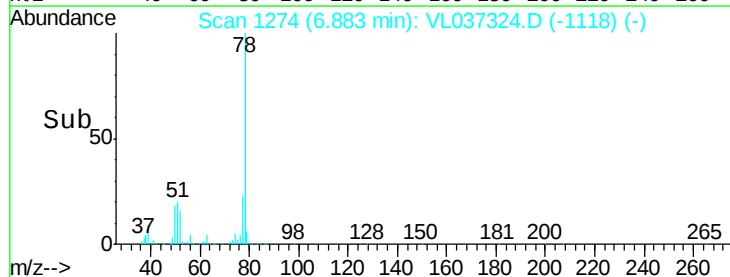
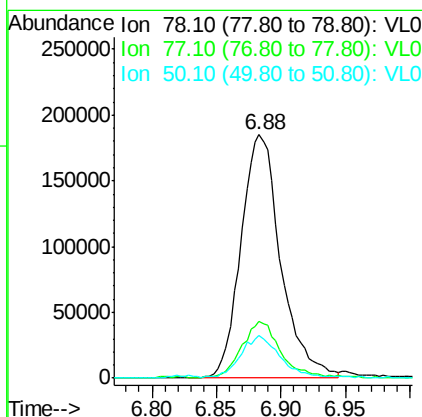
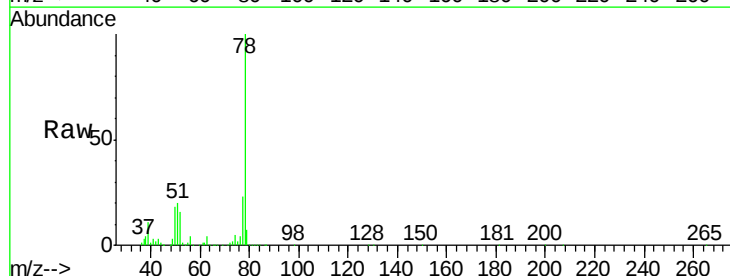
Manual Integrations
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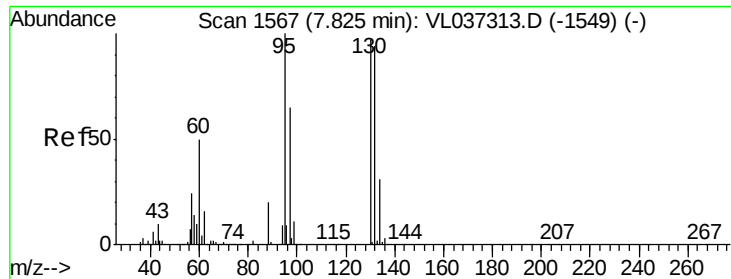
MMDadoda
8/5/2021 1:40:33 PM



#36
Benzene
Concen: 1.168 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1
50	16.7	13.7	20.5





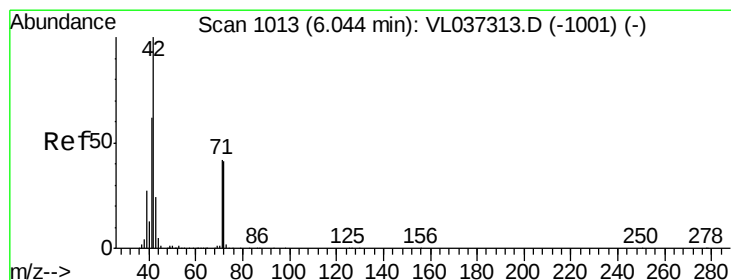
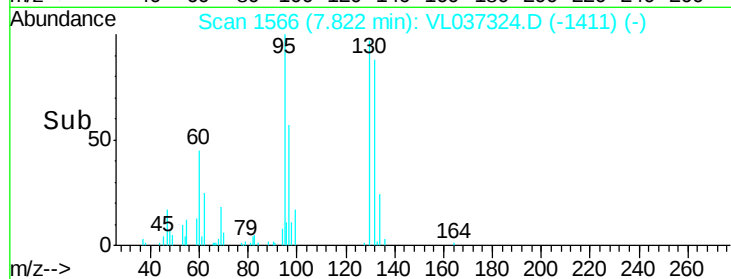
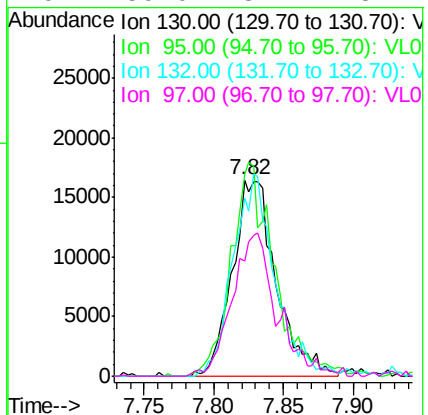
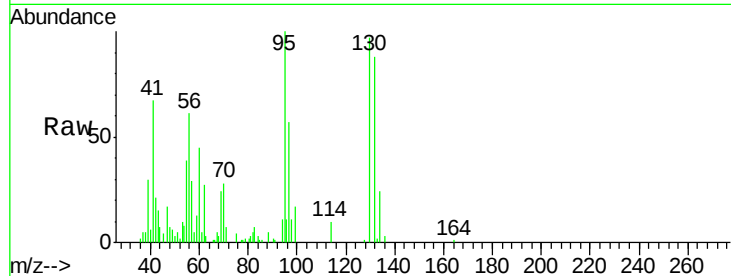
#38
 Trichloroethene
 Concen: 0.241 ppbv m
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		36040		
95	103.4		82.8	124.2	
132	90.5		78.2	117.4	
97	59.0		54.2	81.2	

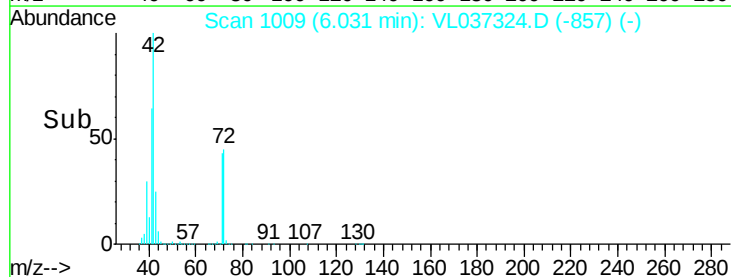
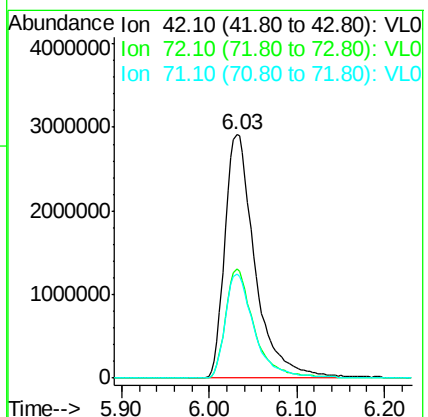
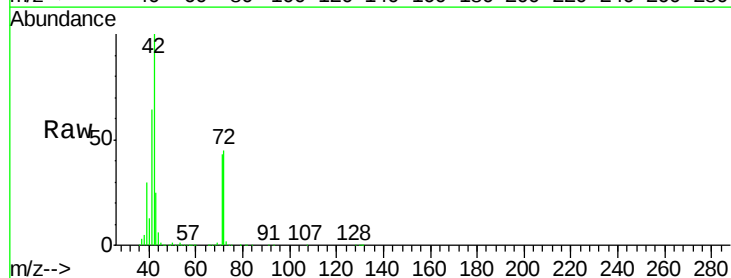
Manual Integrations
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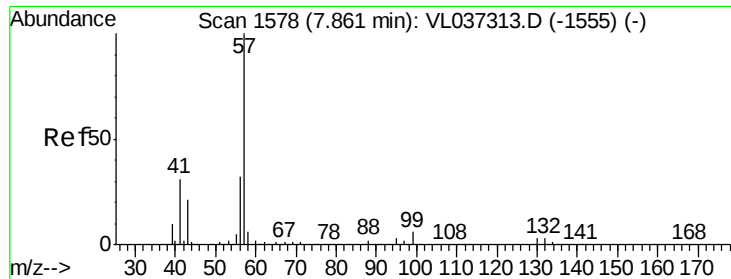
MMDadoda
 8/5/2021 1:40:33 PM



#41
 Tetrahydrofuran
 Concen: 94.990 ppbv
 RT: 6.03 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		6957592		
72	43.1		33.6	50.4	
71	41.8		33.0	49.4	





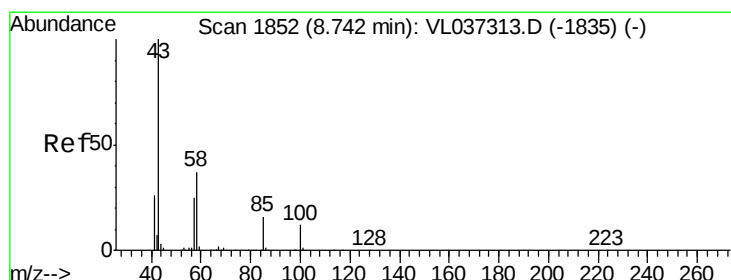
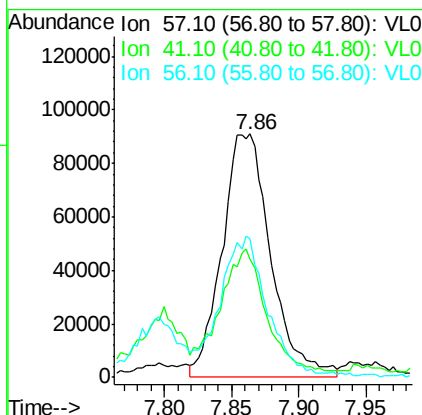
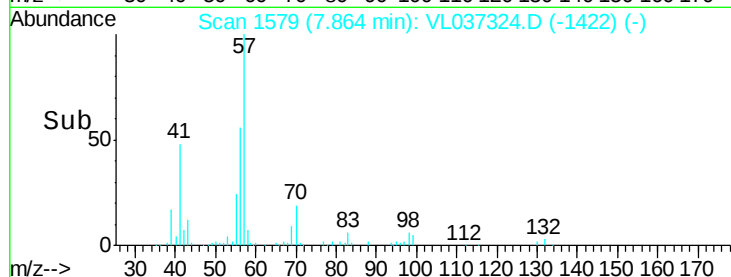
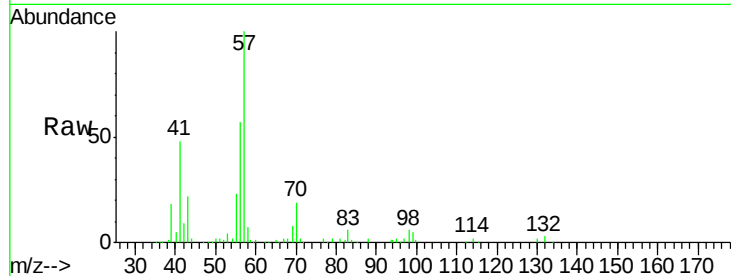
#44
 2,2,4-Trimethylpentane
 Concen: 0.406 ppbv m
 RT: 7.86 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-2

Tot Ion	Ratio	Lower	Upper
57	100		
41	51.0	24.3	36.5#
56	59.0	25.0	37.6#

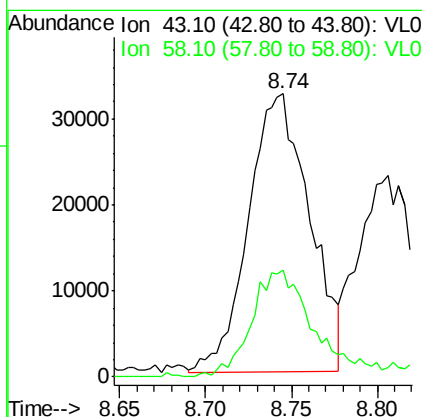
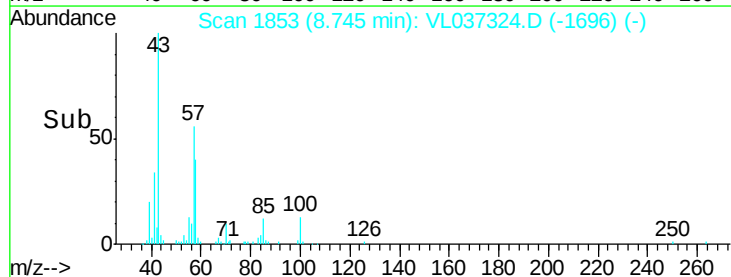
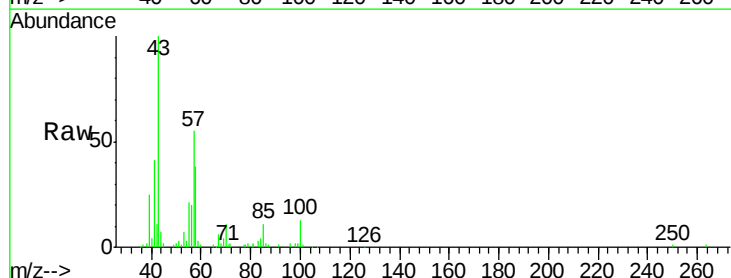
Manual Integrations
 APPROVED

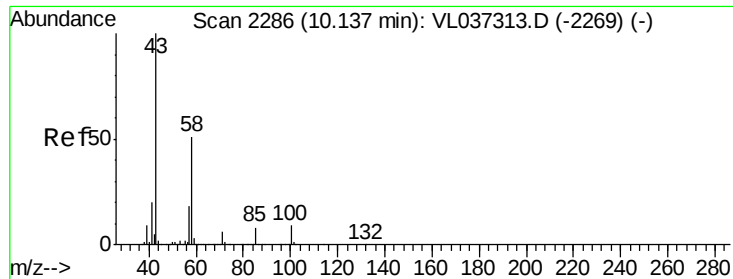
MMDadoda
 8/5/2021 1:40:33 PM



#50
 4-Methyl-2-Pentanone
 Concen: 0.395 ppbv
 RT: 8.74 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	44.9	31.0	46.4





#51

2-Hexanone

Concen: 4.023 ppbv m

RT: 10.13 min Scan# 2283

Delta R.T. -0.01 min

Lab File: VL037324.D

Acq: 5 Aug 2021 1:53

Instrument :

MSVOA_L

ClientSampled :

SVP-2

Tot Ion: 43 Resp: 368846

Ion Ratio Lower Upper

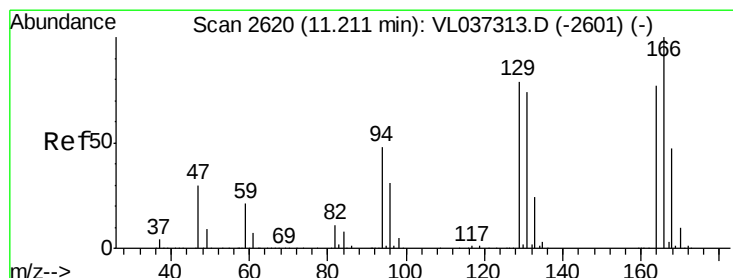
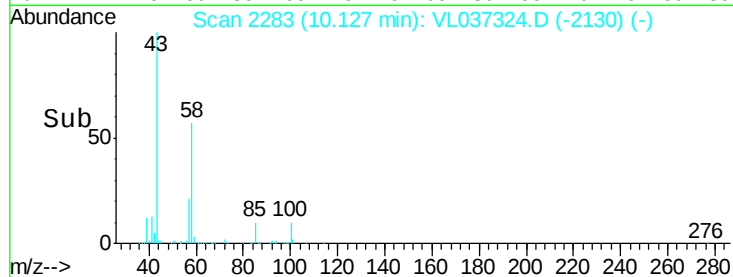
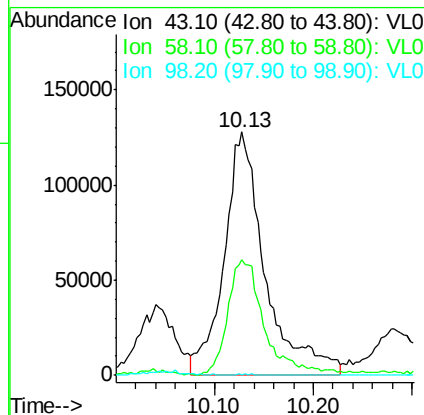
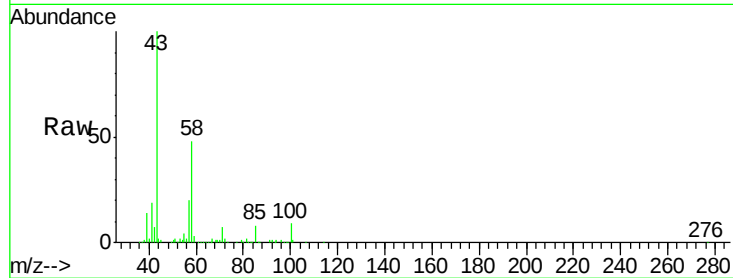
43 100

58 42.7 40.9 61.3

98 0.0 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda
8/5/2021 1:40:33 PM



#52

Tetrachloroethene

Concen: 10.408 ppbv

RT: 11.21 min Scan# 2620

Delta R.T. 0.00 min

Lab File: VL037324.D

Acq: 5 Aug 2021 1:53

Tgt Ion: 164 Resp: 1531239

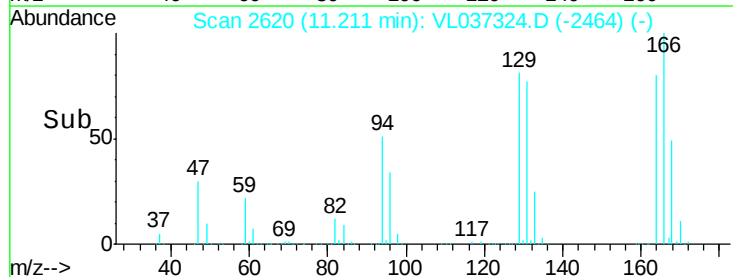
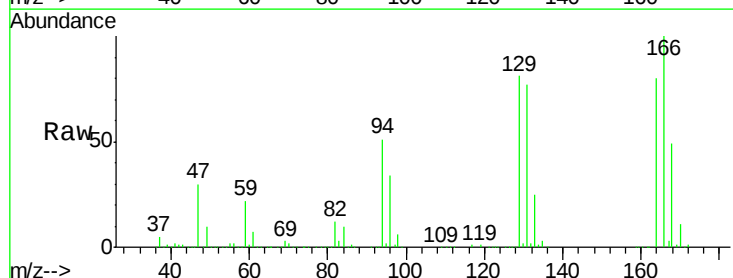
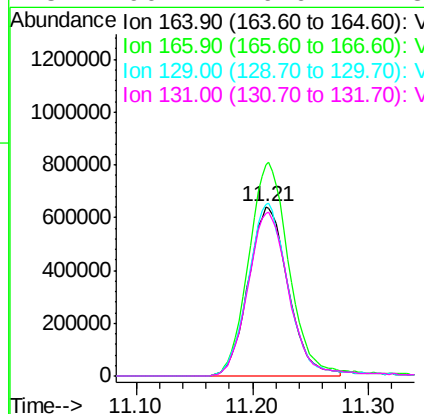
Ion Ratio Lower Upper

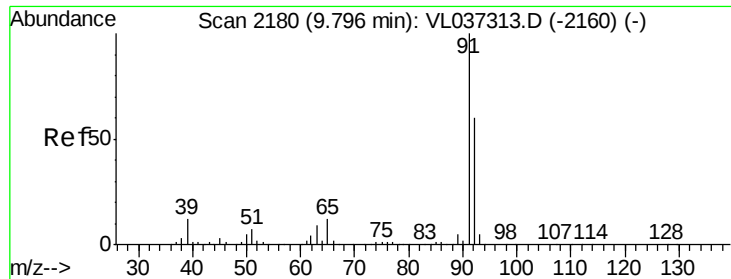
164 100

166 124.8 103.4 155.2

129 101.0 82.2 123.2

131 96.2 76.6 114.8





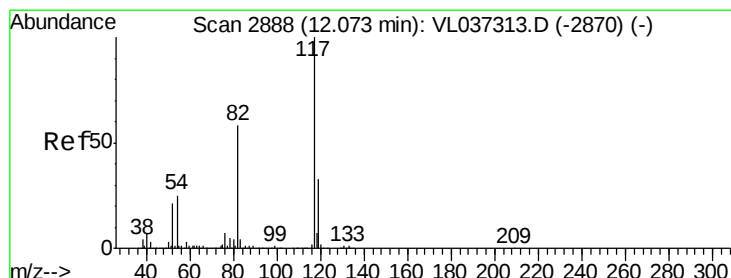
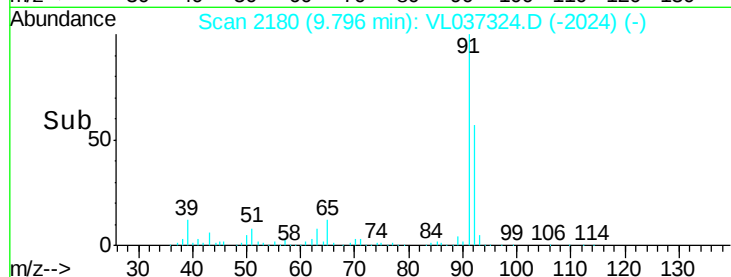
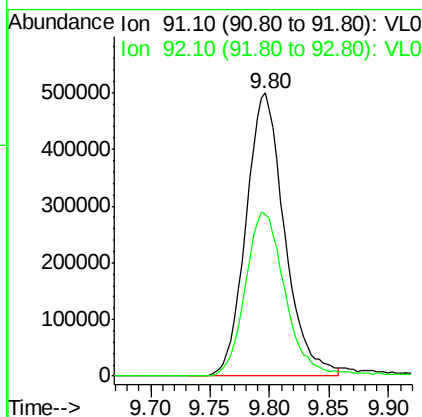
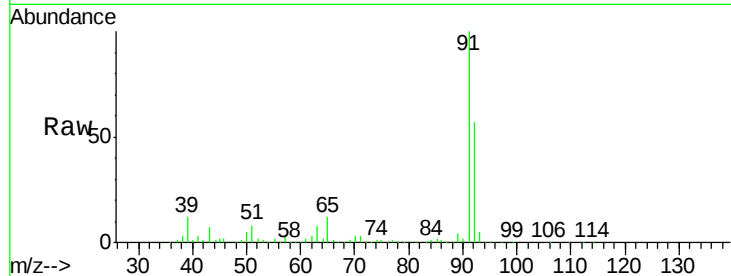
#53
Toluene
Concen: 2.779 ppbv
RT: 9.80 min Scan# 2180
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampled :
SVP-2

Tot Ion: 91 Resp: 1120481
Ion Ratio Lower Upper
91 100
92 61.3 48.8 73.2

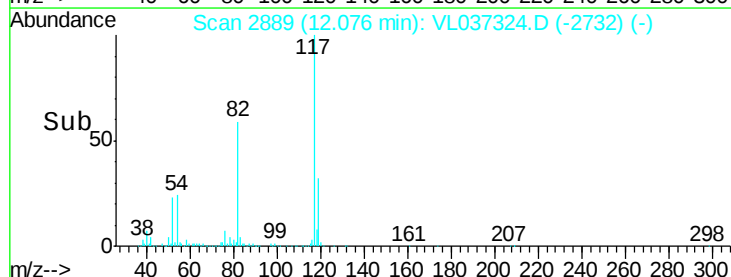
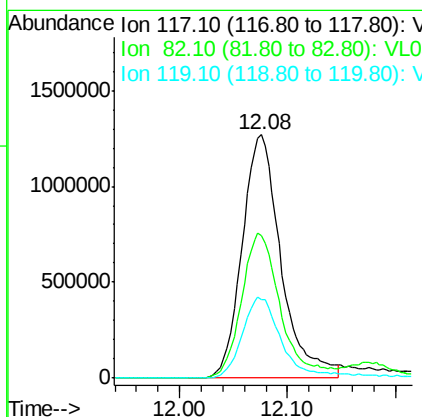
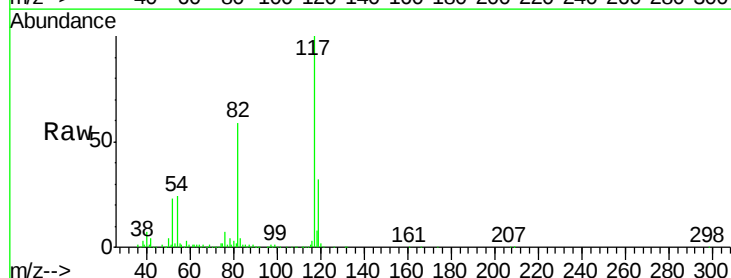
Manual Integrations
APPROVED

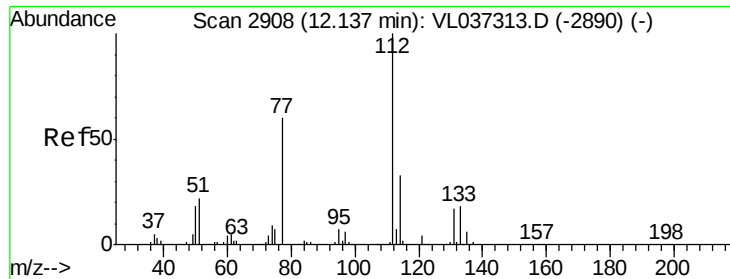
MMDadoda
8/5/2021 1:40:33 PM



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 117 Resp: 3176651
Ion Ratio Lower Upper
117 100
82 60.1 50.3 75.5
119 35.8 48.2 72.2#





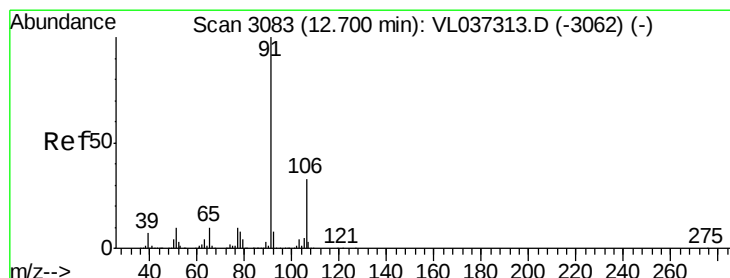
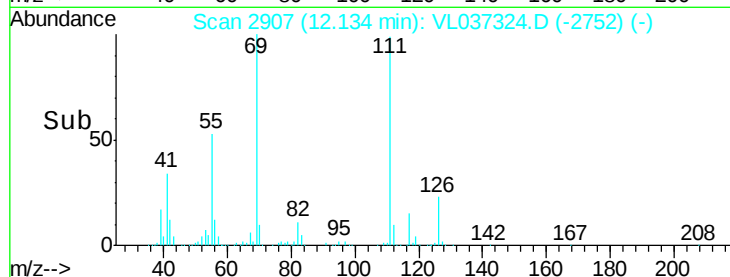
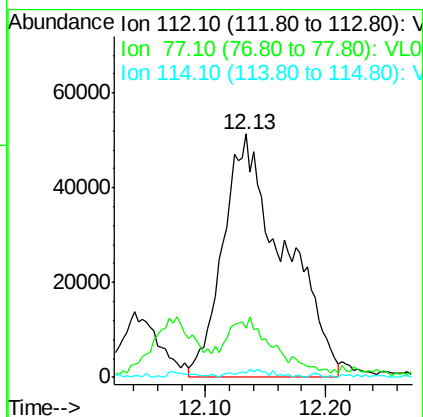
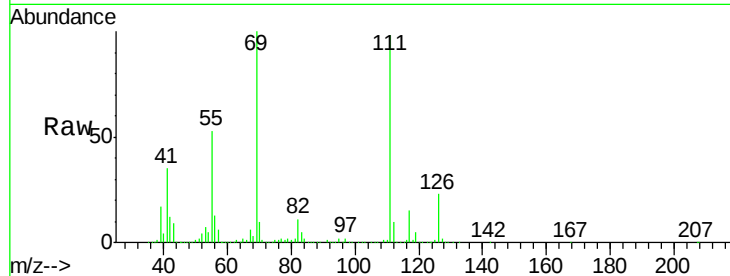
#57
Chlorobenzene
Concen: 0.677 ppbv m
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampled :
SVP-2

Tot Ion	Ratio	Resp	Lower	Upper
112	100	181478		
77	20.2	47.8	71.6#	
114	1.7	29.8	36.4#	

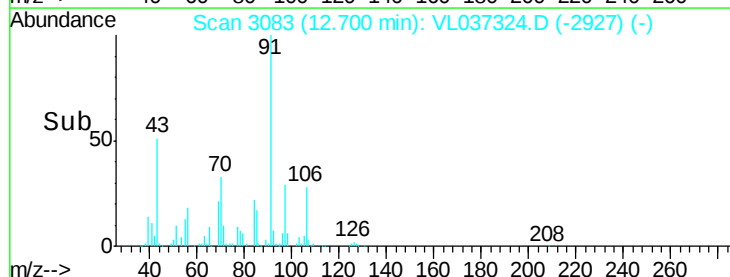
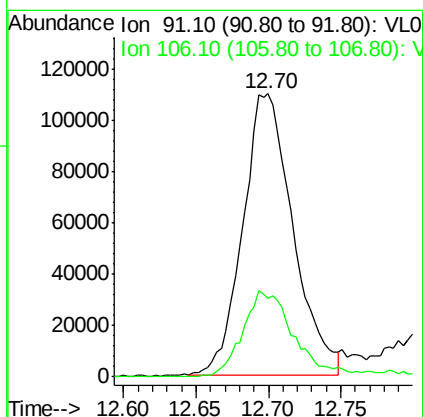
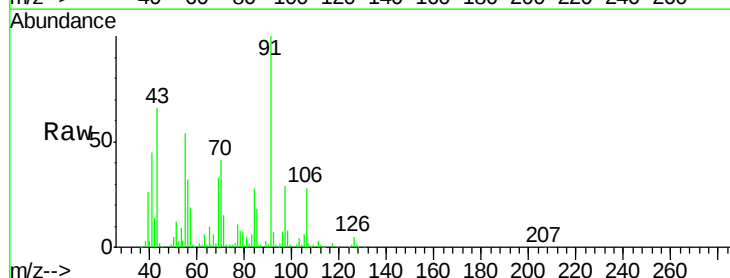
Manual Integrations
APPROVED

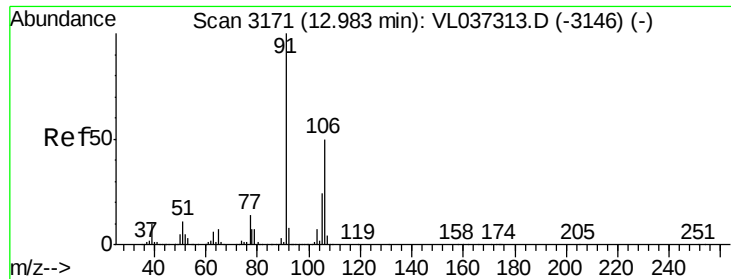
MMDadoda
8/5/2021 1:40:33 PM



#58
Ethyl Benzene
Concen: 0.567 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	264546		
106	28.0	26.2	39.2	





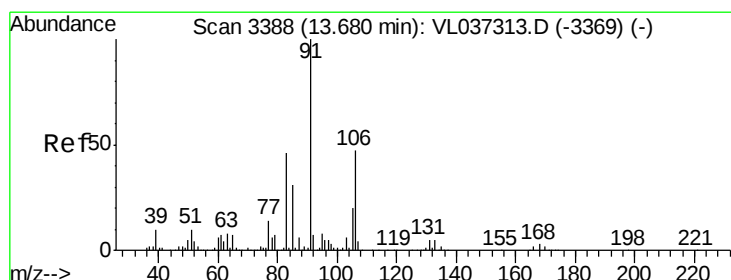
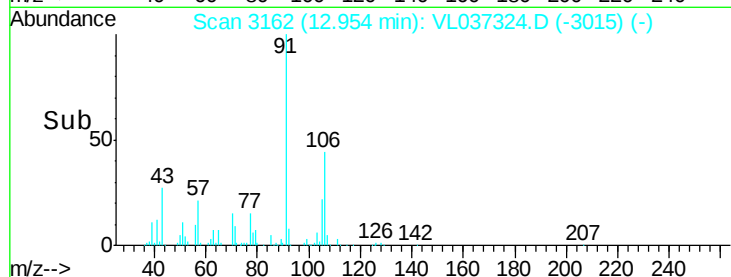
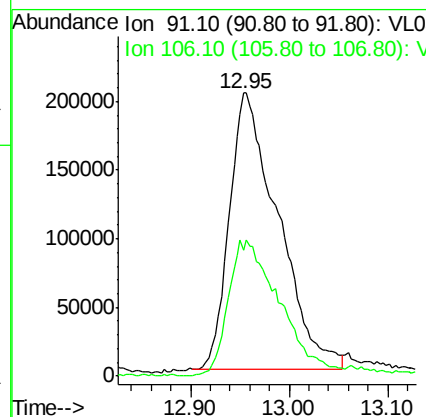
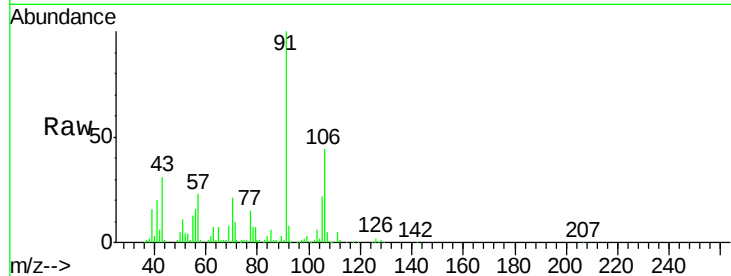
#59
m/p-Xylene
Concen: 1.767 ppbv
RT: 12.95 min Scan# 3162
Delta R.T. -0.03 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Instrument :
MSVOA_L
ClientSampleId :
SVP-2

Tot Ion: 91 Resp: 694550
Ion Ratio Lower Upper
91 100
106 55.1 37.8 56.8

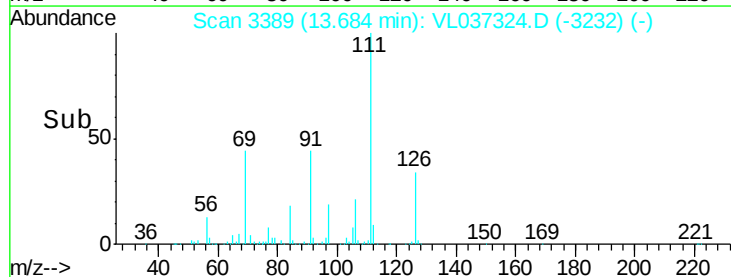
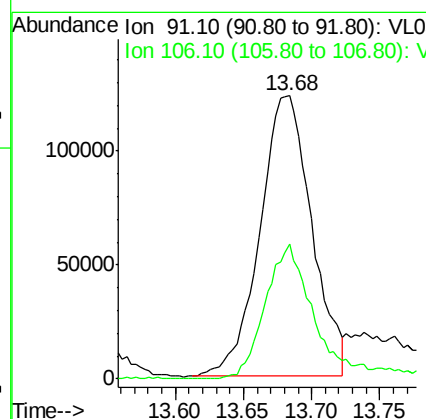
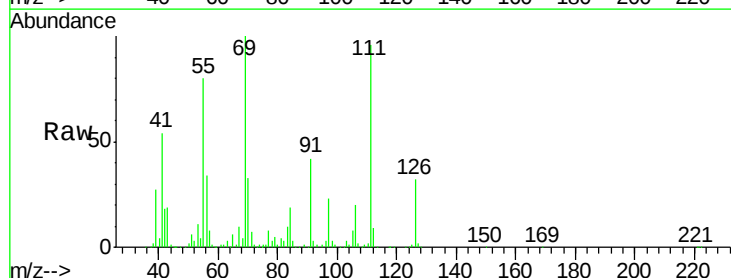
Manual Integrations
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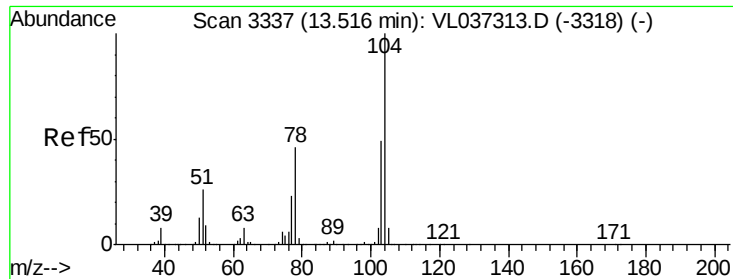
MMDadoda
8/5/2021 1:40:33 PM



#60
o-Xylene
Concen: 0.911 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VL037324.D
Acq: 5 Aug 2021 1:53

Tgt Ion: 91 Resp: 325359
Ion Ratio Lower Upper
91 100
106 50.6 26.3 78.8





#61

Stvrene

Concen: 0.124 ppbv m

RT: 13.52 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VL037324.D

Acq: 5 Aug 2021 1:53

Instrument :

MSVOA_L

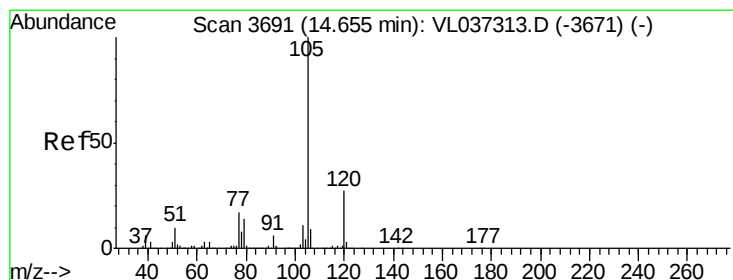
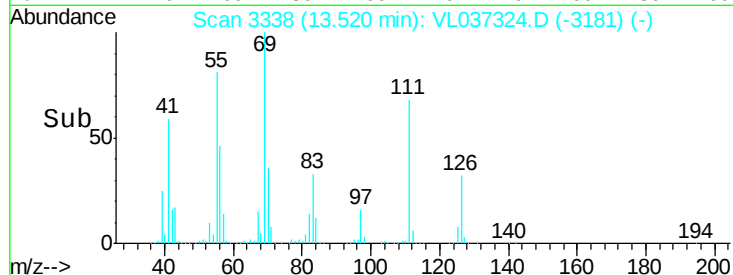
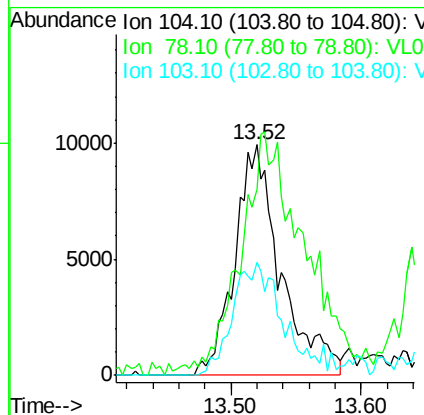
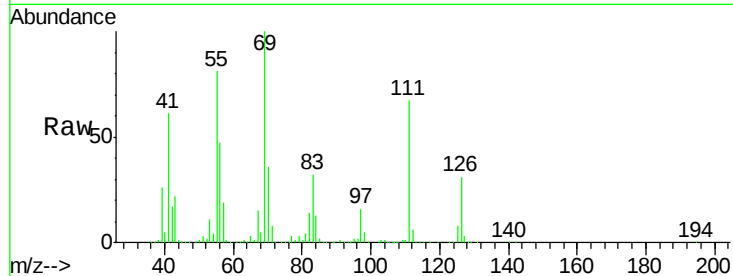
ClientSampled :

SVP-2

Tot Ion	Ratio	Lower	Upper
104	100		
78	149.3	39.3	58.9#
103	55.2	40.6	60.8

Manual Integrations
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MMDadoda
8/5/2021 1:40:33 PM



#62

Isopropylbenzene

Concen: 0.111 ppbv

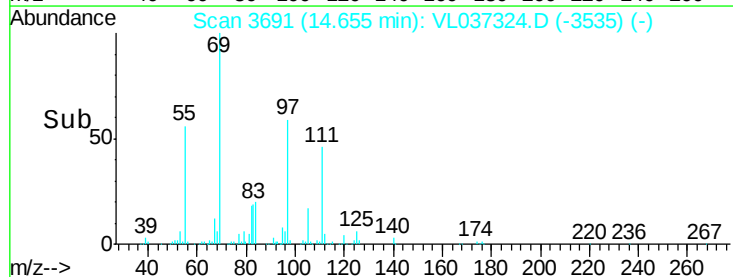
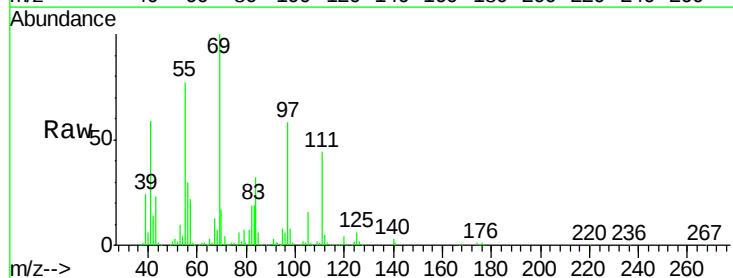
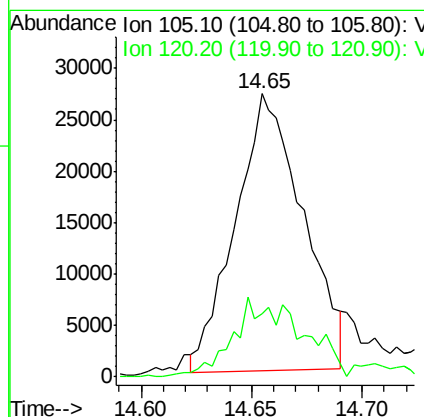
RT: 14.65 min Scan# 3691

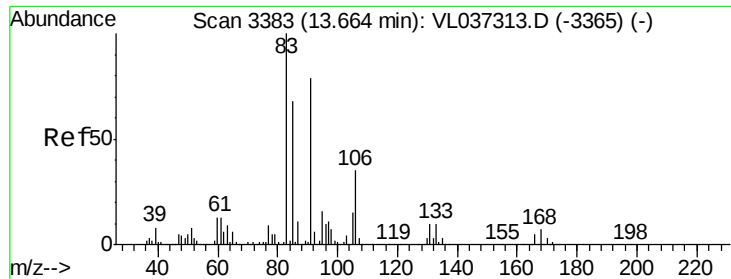
Delta R.T. 0.00 min

Lab File: VL037324.D

Acq: 5 Aug 2021 1:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	33.1	23.0	34.6





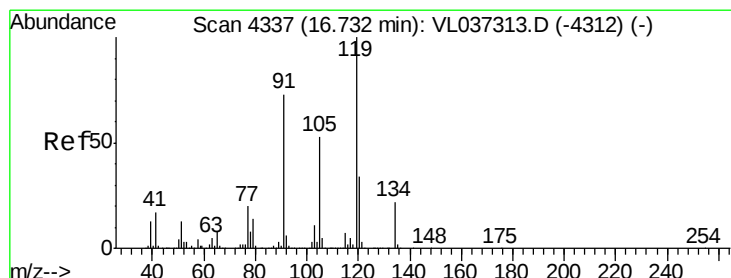
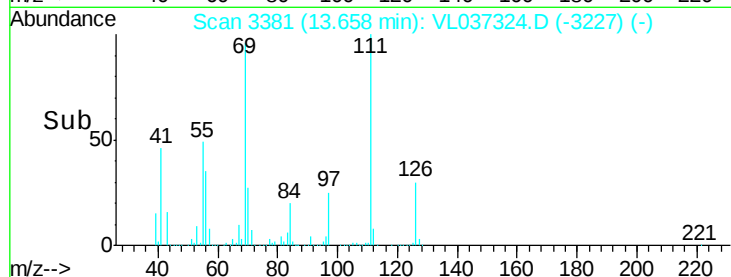
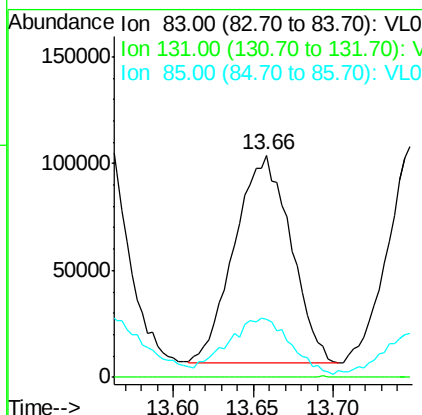
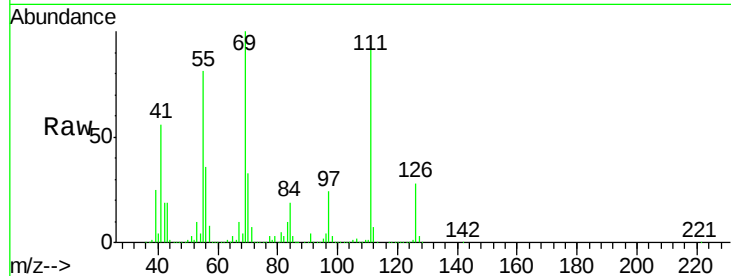
#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.900 ppbv
 RT: 13.66 min Scan# 3381
 Delta R.T. -0.01 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-2

Tot Ion	83	Resp	233422
Ion Ratio	100	Lower	Upper
83	100		
131	0.2	5.1	15.4#
85	29.8	33.5	100.4#

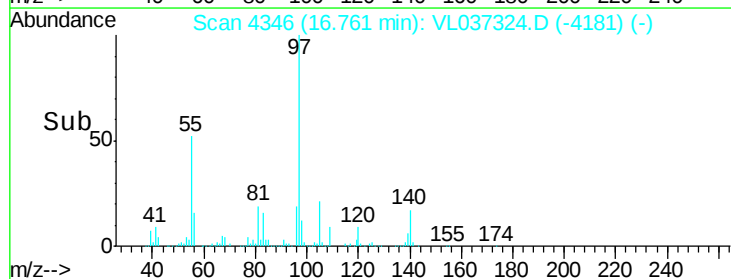
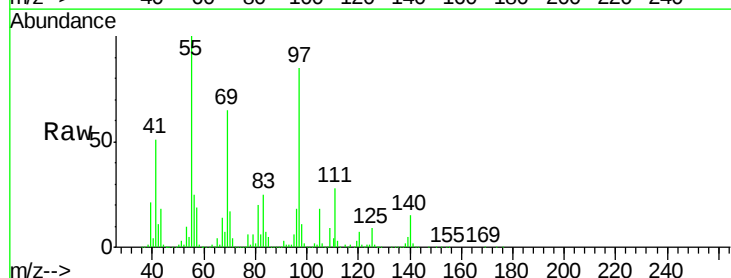
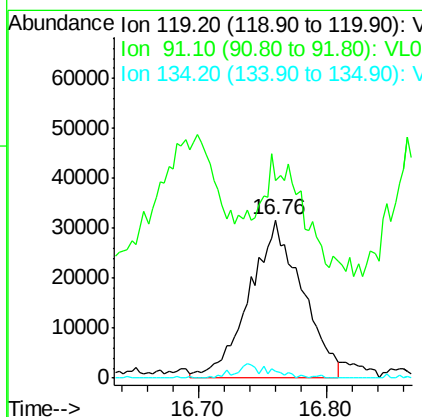
Manual Integrations
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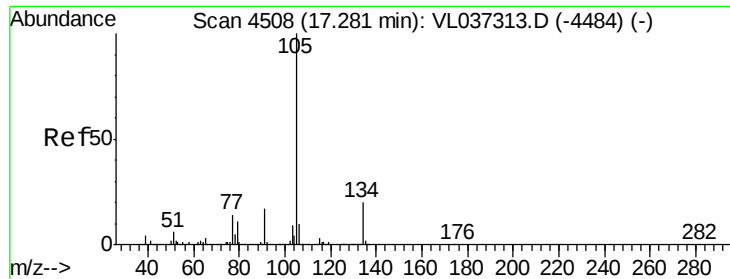
MMDadoda
 8/5/2021 1:40:33 PM



#65
 tert-Butylbenzene
 Concen: 0.189 ppbv m
 RT: 16.76 min Scan# 4346
 Delta R.T. 0.03 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Tgt Ion	119	Resp	90310
Ion Ratio	100	Lower	Upper
119	100		
91	105.7	58.6	88.0#
134	6.1	16.5	24.7#





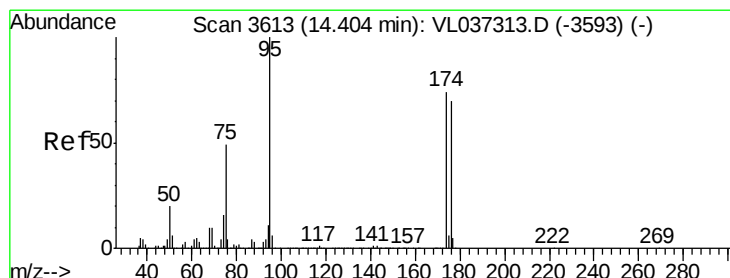
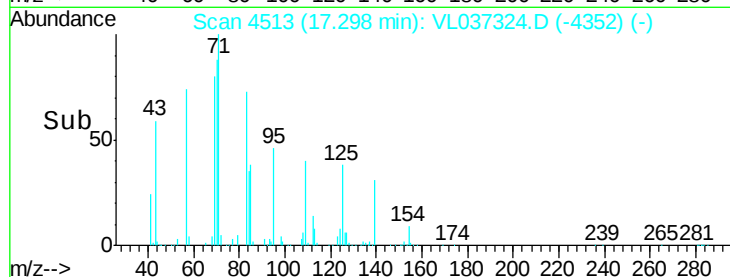
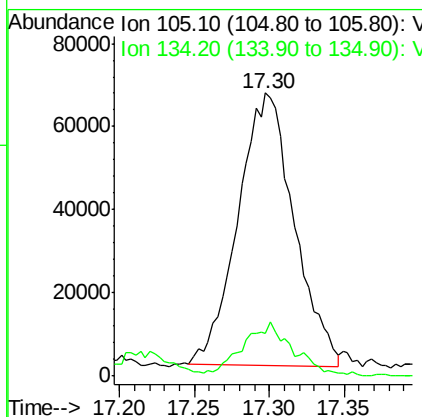
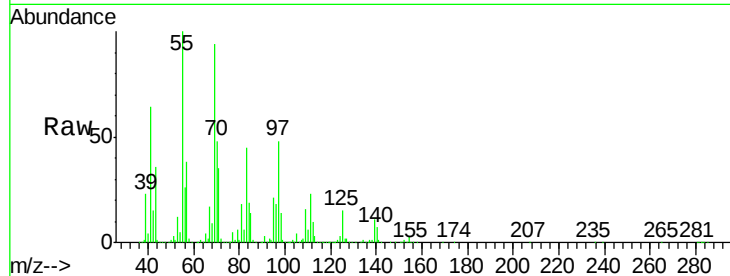
#67
 sec-Butylbenzene
 Concen: 0.265 ppbv
 RT: 17.30 min Scan# 4513
 Delta R.T. 0.02 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-2

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.5	15.4	23.2

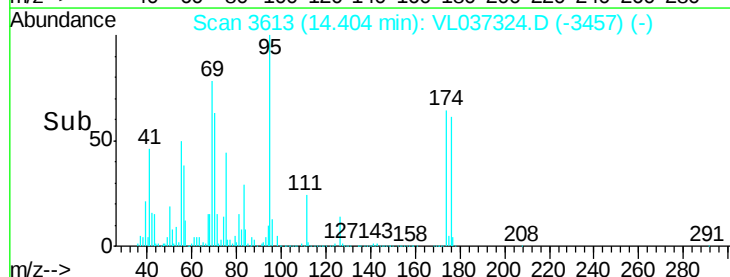
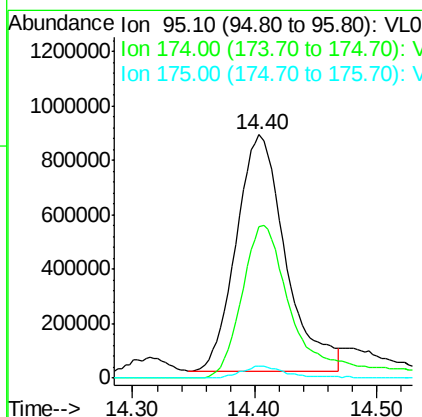
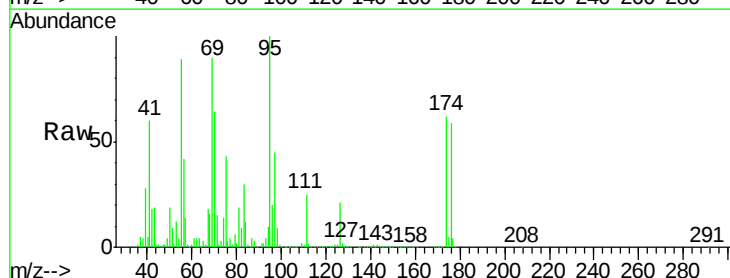
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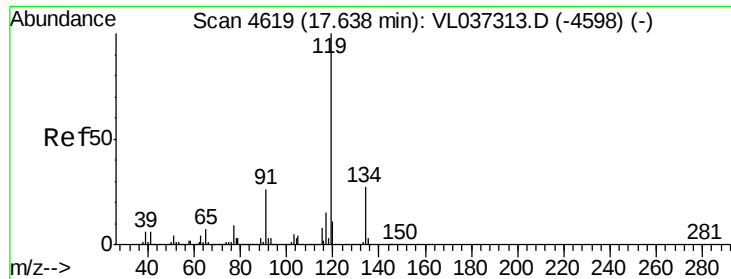
MMDadoda
 8/5/2021 1:40:33 PM



#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.281 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T. 0.00 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.8	66.9	100.3
175	5.3	5.1	7.7





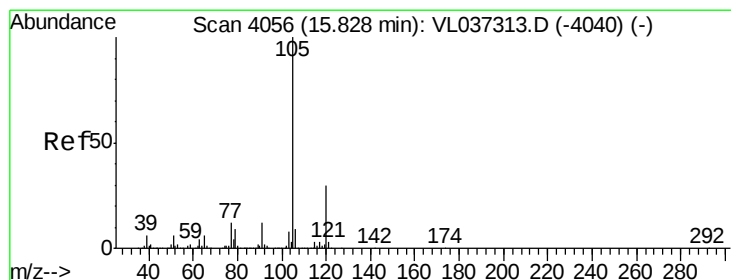
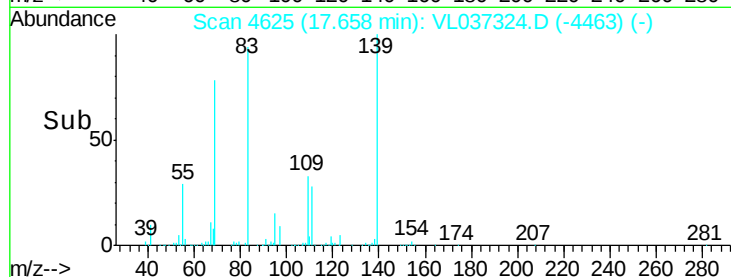
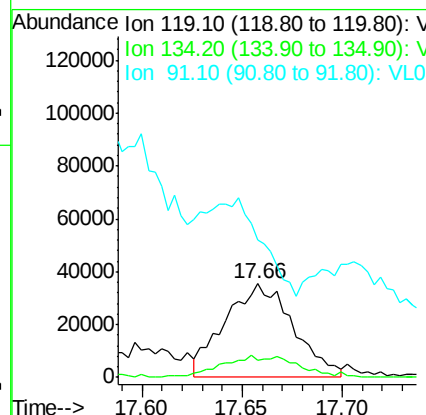
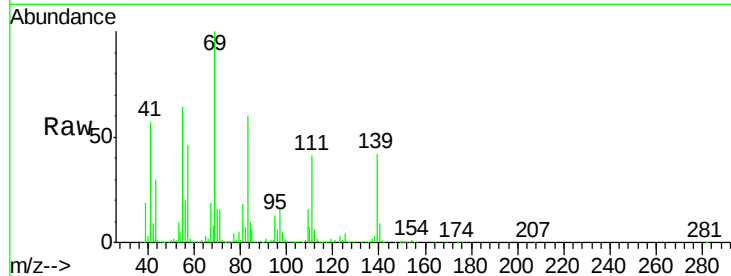
#69
 p-Isopropyltoluene
 Concen: 0.156 ppbv m
 RT: 17.66 min Scan# 4625
 Delta R.T. 0.02 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-2

Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.0	31.6#
91	0.0	20.5	30.7#

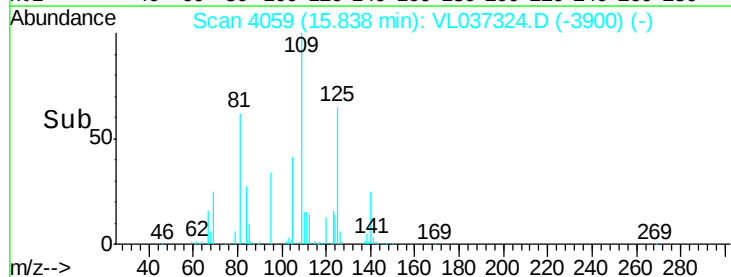
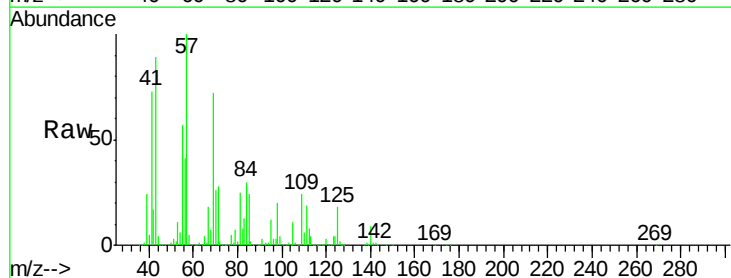
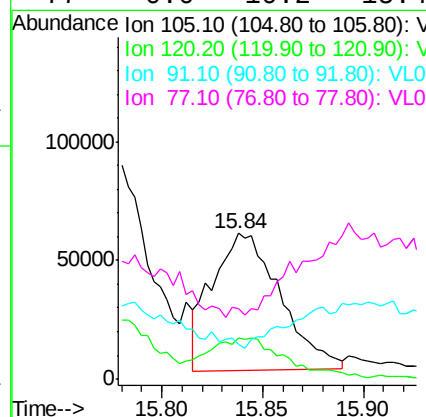
Manual Integrations
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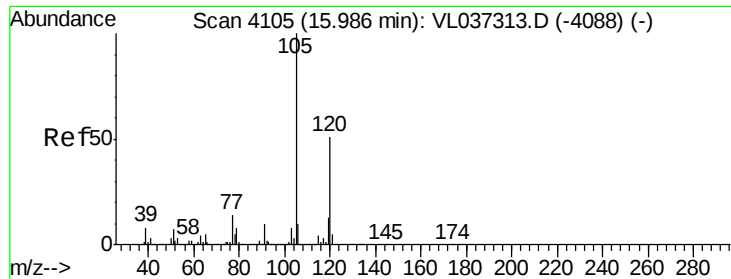
MMDadoda
 8/5/2021 1:40:33 PM



#72
 4-Ethyltoluene
 Concen: 0.317 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. 0.01 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	33.7	25.6	38.4
91	0.0	9.4	14.2#
77	0.0	10.2	15.4#





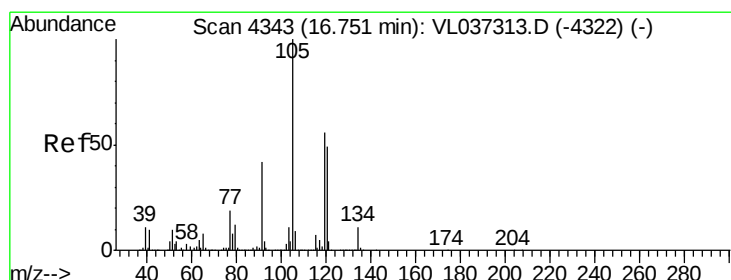
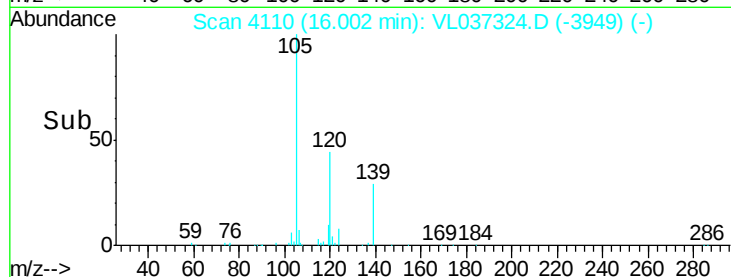
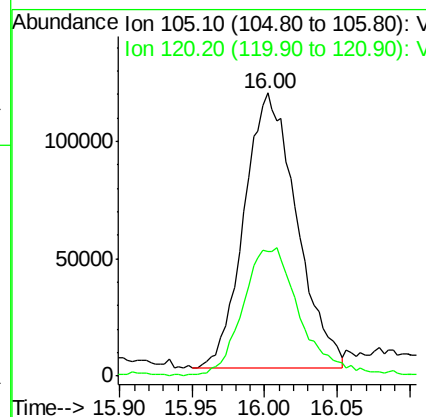
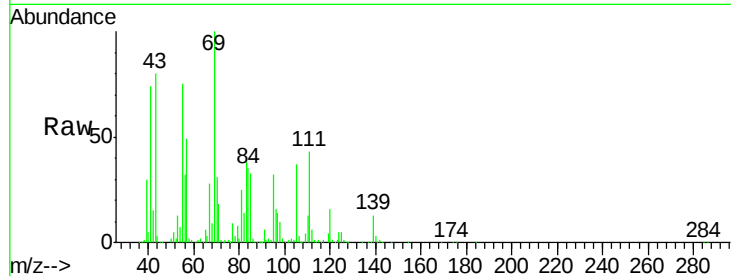
#73
 1,3,5-Trimethylbenzene
 Concen: 0.761 ppbv
 RT: 16.00 min Scan# 4110
 Delta R.T. 0.02 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-2

Tot Ion	Ratio	Resp	Lower	Upper
105	100	295122		
120	44.6		40.4	60.6

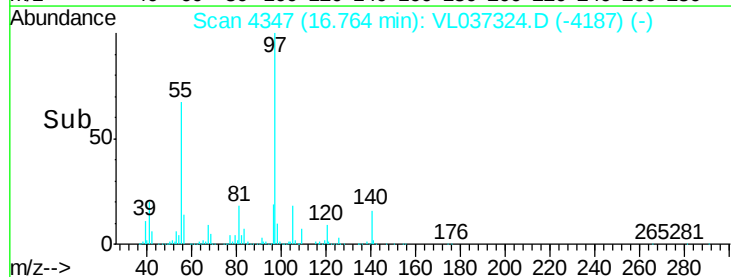
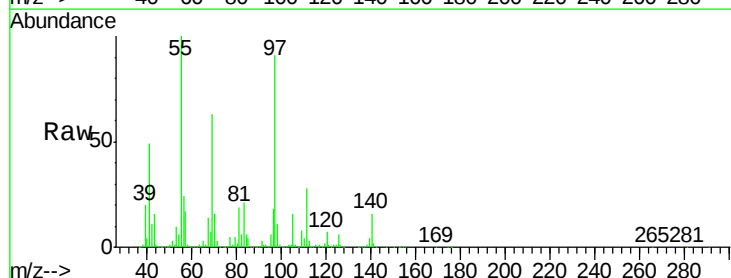
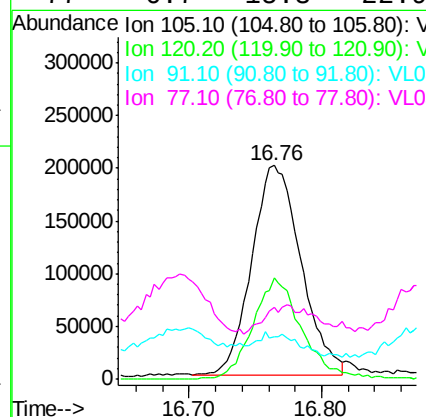
Manual Integrations
 APPROVED

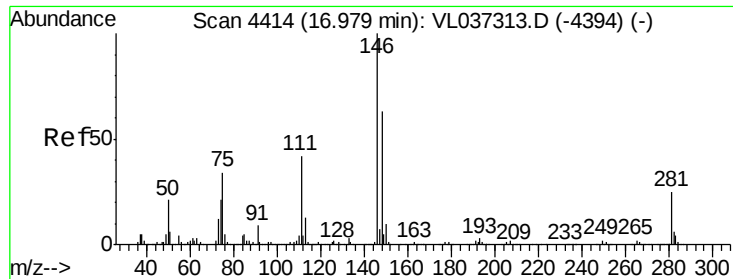
MMDadoda
 8/5/2021 1:40:33 PM



#74
 1,2,4-Trimethylbenzene
 Concen: 1.250 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.01 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	517151		
120	48.0		39.6	59.4
91	9.7		34.5	51.7#
77	6.7		15.3	22.9#





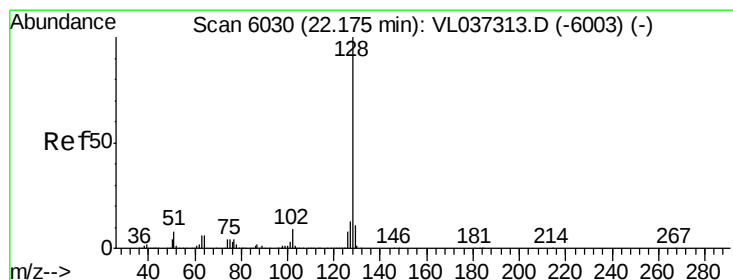
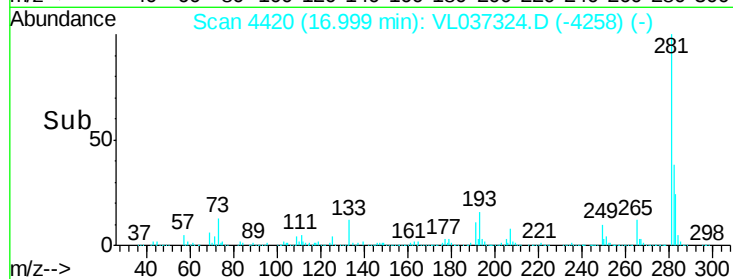
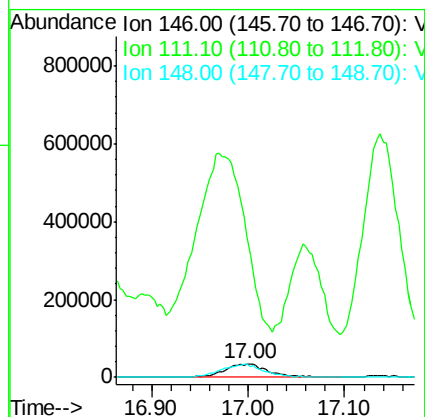
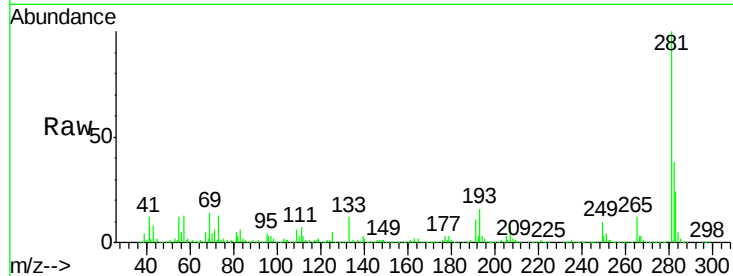
#75
 1,3-Dichlorobenzene
 Concen: 0.427 ppbv
 RT: 17.00 min Scan# 4420
 Delta R.T. 0.02 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-2

Tot Ion:146 Resp: 108508
 Ion Ratio Lower Upper
 146 100
 111 1450.7 21.4 64.3
 148 0.0 32.6 97.7#

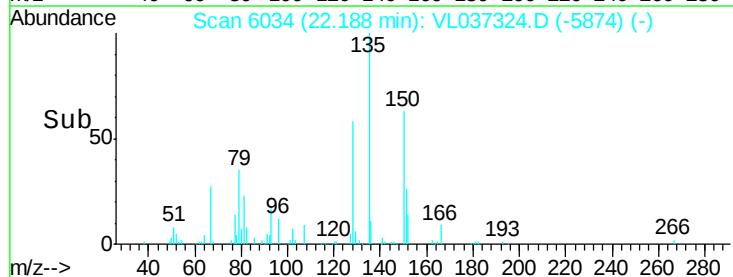
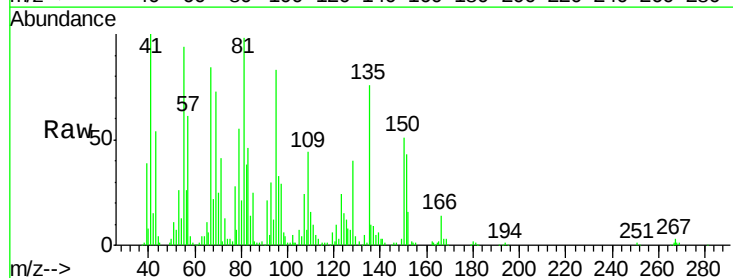
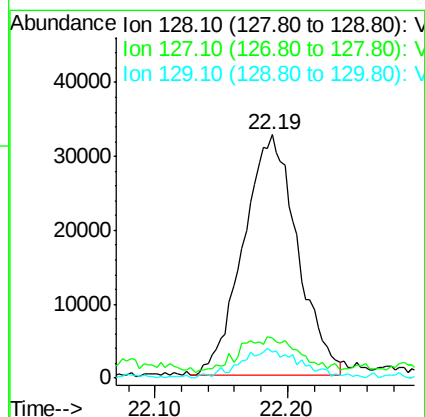
Manual Integrations
 APPROVED

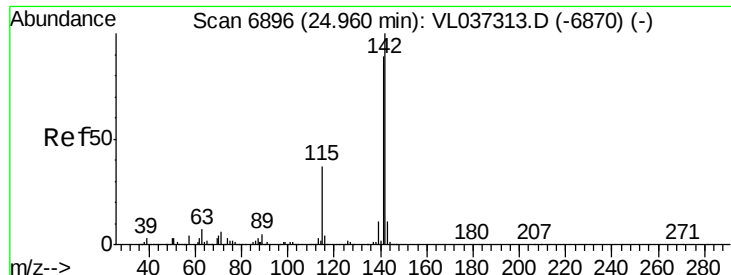
MMDadoda
 8/5/2021 1:40:33 PM



#79
 Naphthalene
 Concen: 0.242 ppbv
 RT: 22.19 min Scan# 6034
 Delta R.T. 0.01 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Tgt Ion:128 Resp: 91836
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.3 15.5
 129 10.7 8.6 12.8





#80
 Naphthalene, 2-methyl-
 Concen: 0.662 ppbv
 RT: 24.96 min Scan# 6895
 Delta R.T. -0.00 min
 Lab File: VL037324.D
 Acq: 5 Aug 2021 1:53

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-2

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	67.2	100.8
115	48.6	27.9	41.9

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 1:40:33 PM

