

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036285.D
 Acq On : 28 Jan 2021 23:52
 Operator : SY/AP
 Sample : M1245-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3

Manual Integrations
 APPROVED

MMDadoda
 2/1/2021 1:52:44 PM

Quant Time: Jan 29 03:24:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 1
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1399962	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3154338	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2960952	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2583866	10.54	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	40289m	0.215	ppbv	
3) Chlorodifluoromethane	2.98	51	155055	0.902	ppbv	95
4) Chloromethane	3.13	50	48686	0.573	ppbv	95
9) Propene	3.01	41	136738m	1.670	ppbv	
10) Heptane	8.11	43	890636	4.382	ppbv	99
11) Trichlorofluoromethane	3.93	101	56032	0.294	ppbv	88
12) 1,1,2-Trichlorotrifluoroet	4.47	101	12667m	0.110	ppbv	
13) Ethanol	3.61	45	2544871	197.947	ppbv	86
15) Acetone	3.83	43	4130212	24.089	ppbv	92
17) tert-Butyl alcohol	4.30	59	227698m	1.609	ppbv	
19) Isopropyl Alcohol	3.98	45	4811624	46.550	ppbv #	98
20) Methylene Chloride	4.33	84	460480	8.415	ppbv	99
26) Hexane	5.68	57	1784576	12.452	ppbv #	38
27) Carbon Disulfide	4.54	76	44491	0.388	ppbv #	78
29) Chloroform	5.74	83	27440m	0.134	ppbv	
30) Cyclohexane	7.12	84	219867	2.008	ppbv #	84
34) 2-Butanone	5.24	43	209375	0.901	ppbv	99
35) Carbon Tetrachloride	7.01	117	15863m	0.080	ppbv	
36) Benzene	6.88	78	916098	3.170	ppbv	95
38) Trichloroethene	7.82	130	38999m	0.364	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	1090768	2.055	ppbv #	86
52) Tetrachloroethene	11.22	164	16935m	0.159	ppbv	
53) Toluene	9.80	91	8277130	25.601	ppbv	96
58) Ethyl Benzene	12.70	91	2173376	4.946	ppbv	97
59) m/p-Xylene	12.96	91	6340649	16.794	ppbv	95
60) o-Xylene	13.68	91	2201626	6.049	ppbv	99
62) Isopropylbenzene	14.66	105	99008	0.183	ppbv	96
65) tert-Butylbenzene	16.75	119	194712m	0.425	ppbv	
70) n-Butylbenzene	18.55	91	115670m	0.201	ppbv	
72) 4-Ethyltoluene	15.83	105	660118	1.607	ppbv	97
73) 1,3,5-Trimethylbenzene	15.99	105	430174	1.099	ppbv	93
74) 1,2,4-Trimethylbenzene	16.75	105	1737184	4.326	ppbv #	70
75) 1,3-Dichlorobenzene	16.99	146	33798m	0.157	ppbv	
79) Naphthalene	22.20	128	45771m	0.195	ppbv	

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

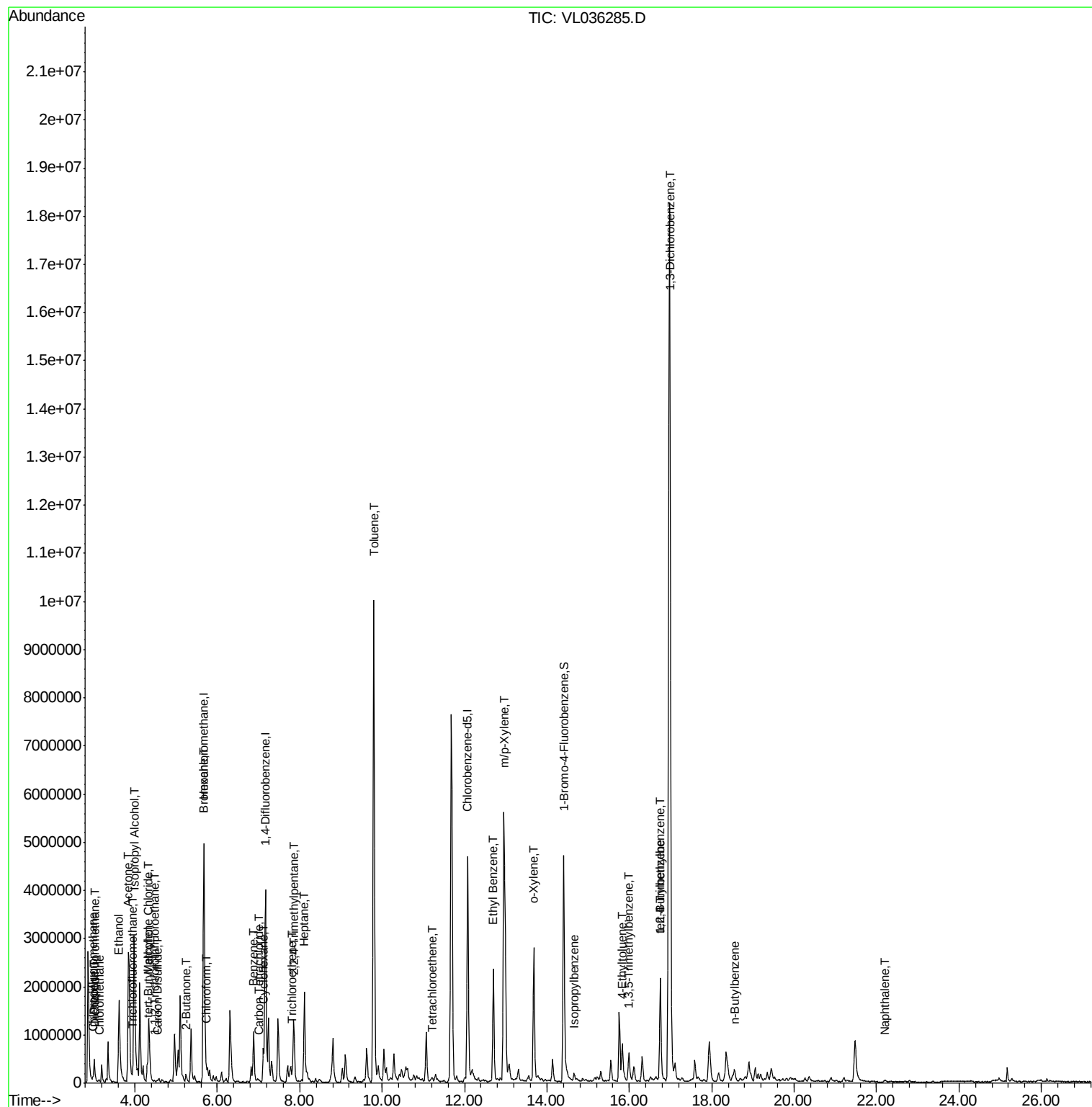
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL012821\
Data File : VL036285.D
Acq On : 28 Jan 2021 23:52
Operator : SY/AP
Sample : M1245-03
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

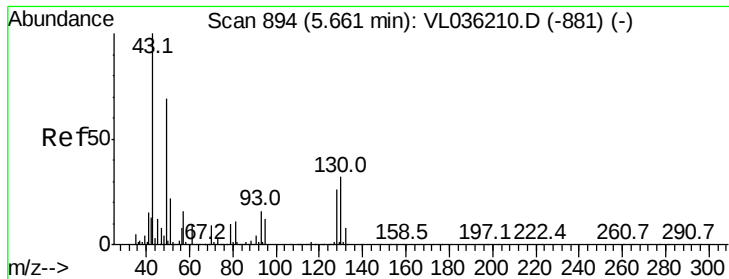
Instrument :
MSVOA_L
ClientSampleId :
SS-3

Manual Integrations
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Quant Time: Jan 29 03:24:58 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 14 16:13:38 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: VL036285.D

Acq: 28 Jan 2021 23:52

Instrument :

MSVOA_L

ClientSampled :

SS-3

Tot Ion: 49 Resp: 1399962

Ion Ratio Lower Upper

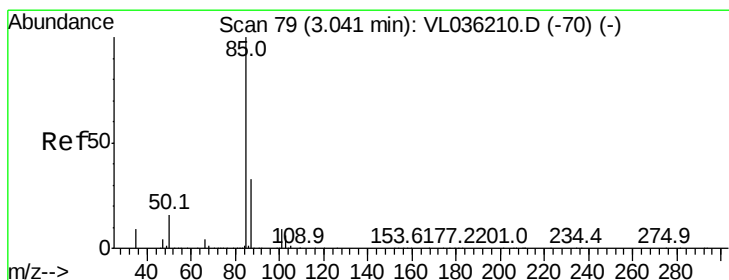
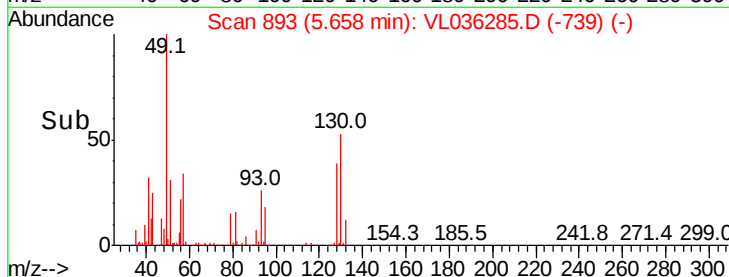
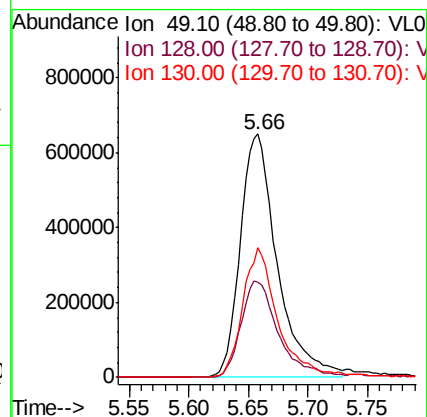
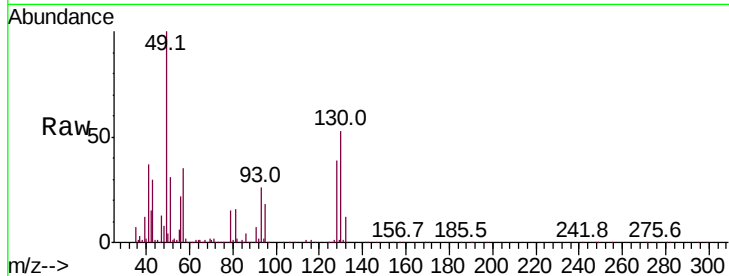
49 100

128 41.4 20.1 60.2

130 52.0 25.3 75.9

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 0.215 ppbv m

RT: 3.04 min Scan# 78

Delta R.T. -0.00 min

Lab File: VL036285.D

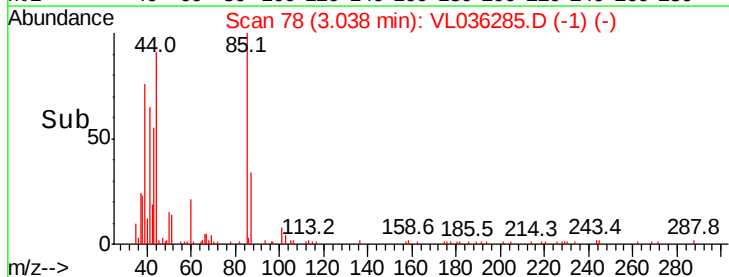
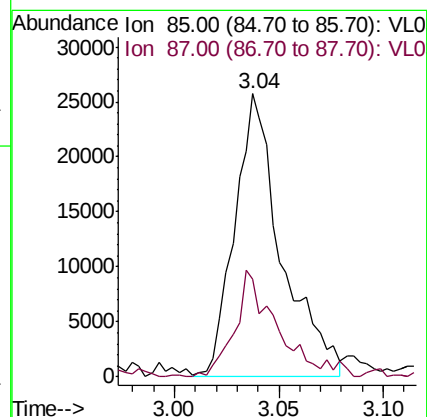
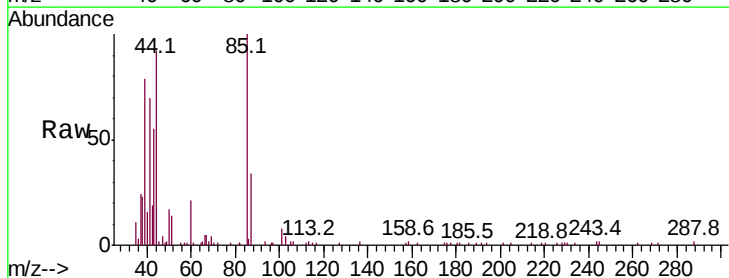
Acq: 28 Jan 2021 23:52

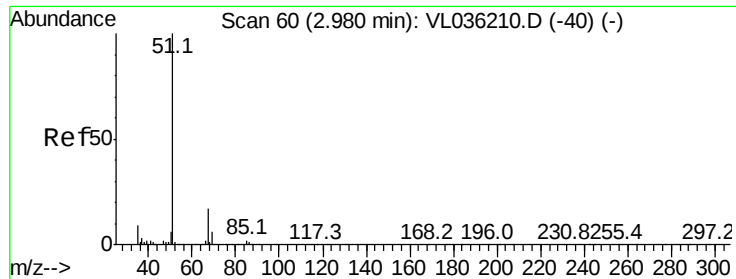
Tgt Ion: 85 Resp: 40289

Ion Ratio Lower Upper

85 100

87 34.4 26.4 39.6





#3

Chlorodifluoromethane

Concen: 0.902 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.00 min

Lab File: VL036285.D

Acq: 28 Jan 2021 23:52

Instrument :

MSVOA_L

ClientSampleId :

SS-3

Tot Ion: 51 Resp: 155055

Ion Ratio Lower Upper

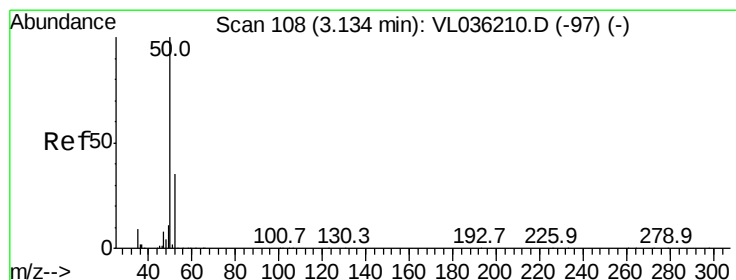
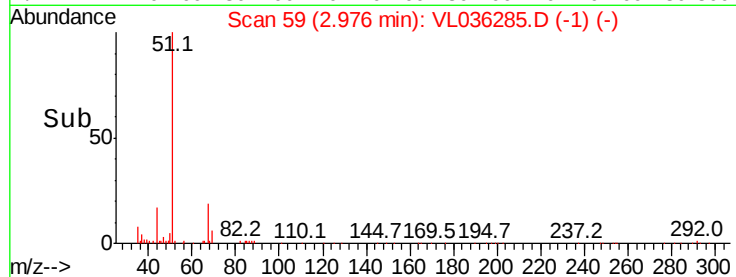
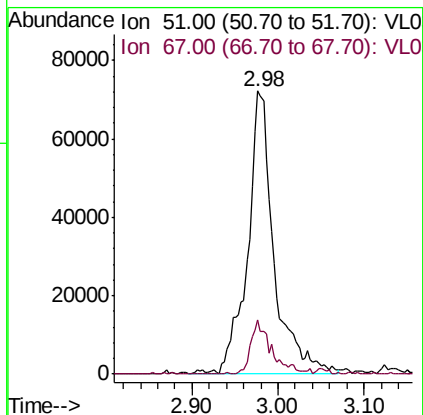
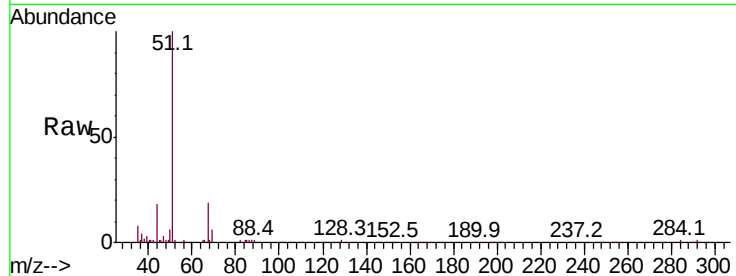
51 100

67 15.1 14.0 21.0

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#4

Chloromethane

Concen: 0.573 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL036285.D

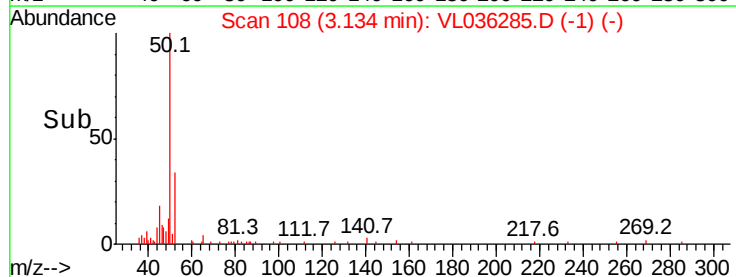
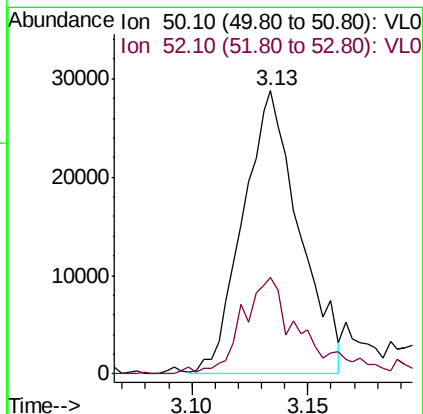
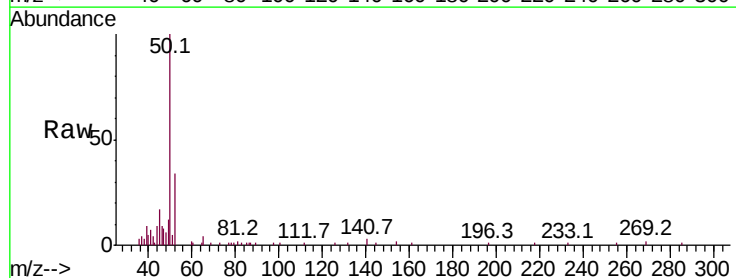
Acq: 28 Jan 2021 23:52

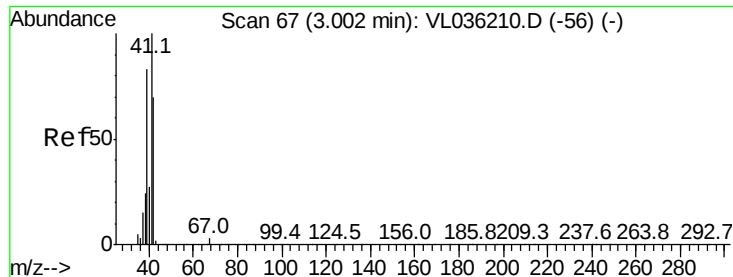
Tgt Ion: 50 Resp: 48686

Ion Ratio Lower Upper

50 100

52 31.8 27.8 41.8





#9

Propene

Concen: 1.670 ppbv m

RT: 3.01 min Scan# 68

Delta R.T. 0.00 min

Lab File: VL036285.D

Acq: 28 Jan 2021 23:52

Instrument :

MSVOA_L

ClientSampleId :

SS-3

Tot Ion: 41 Resp: 136738

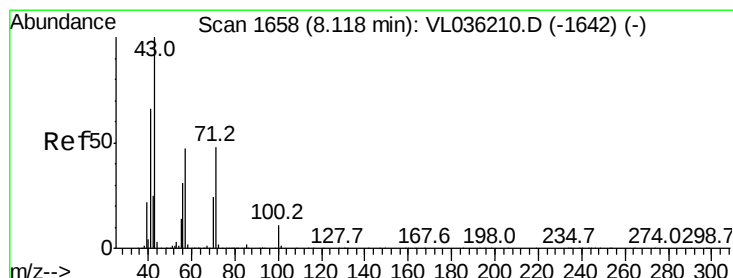
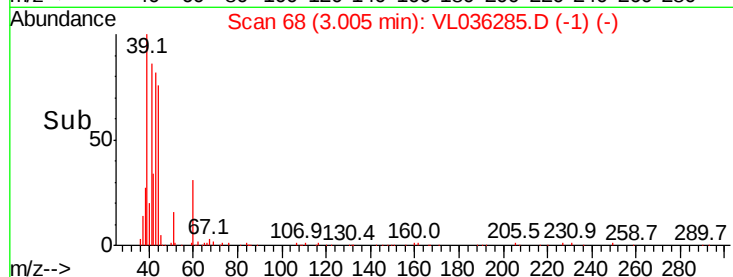
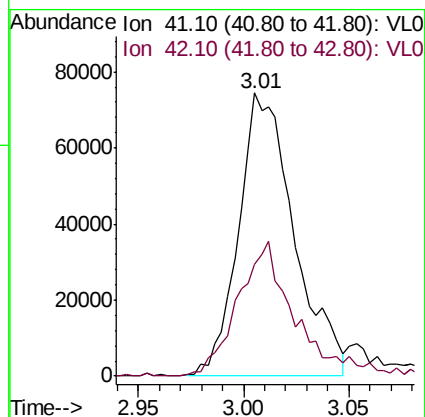
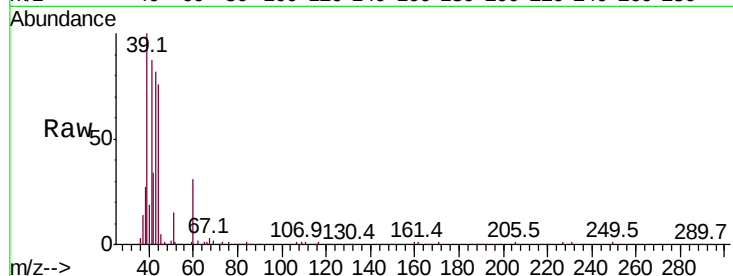
Ion Ratio Lower Upper

41 100

42 50.4 57.1 85.7#

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#10

Heptane

Concen: 4.382 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VL036285.D

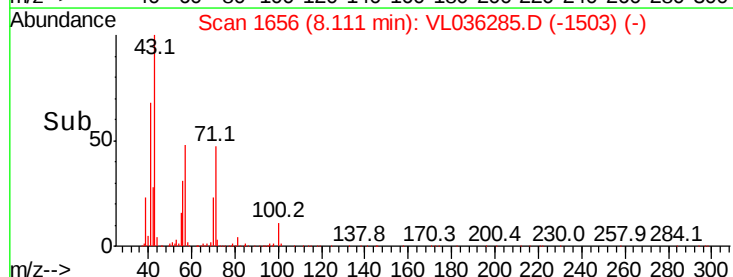
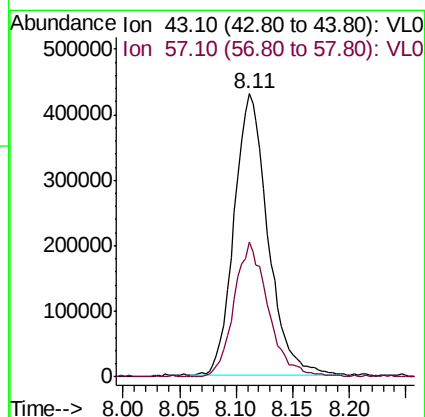
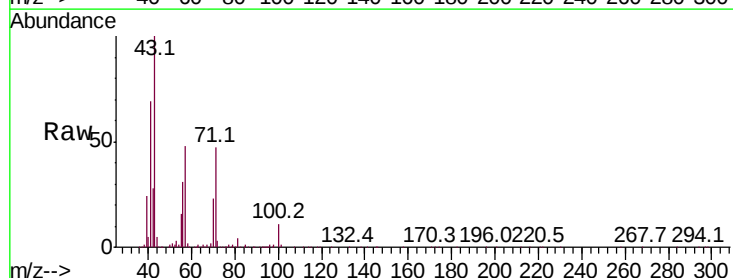
Acq: 28 Jan 2021 23:52

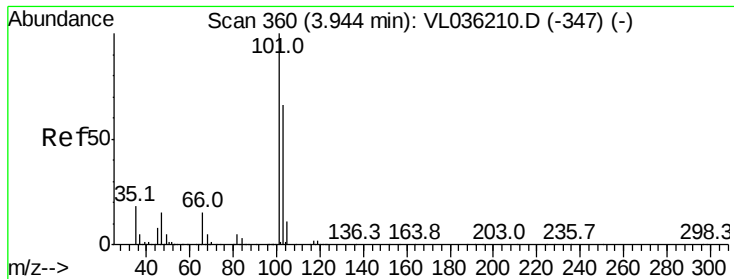
Tgt Ion: 43 Resp: 890636

Ion Ratio Lower Upper

43 100

57 48.4 38.1 57.1





#11

Trichlorofluoromethane

Concen: 0.294 ppbv

RT: 3.93 min Scan# 357

Delta R.T. -0.01 min

Lab File: VL036285.D

Acq: 28 Jan 2021 23:52

Instrument :

MSVOA_L

ClientSampleId :

SS-3

Tot Ion:101 Resp: 56032

Ion Ratio Lower Upper

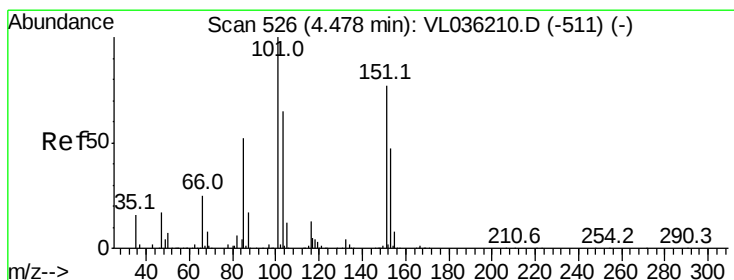
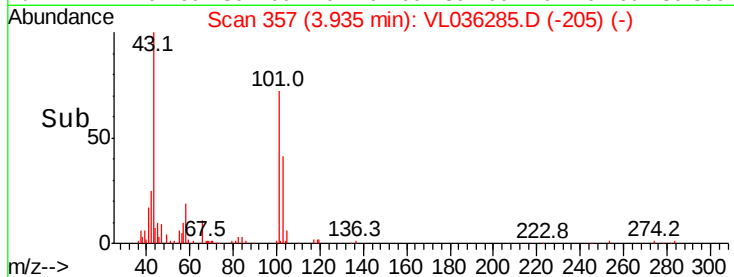
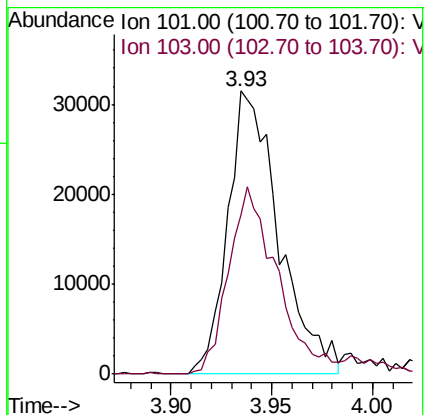
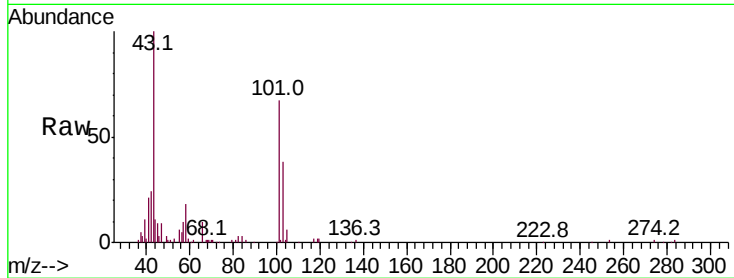
101 100

103 56.2 52.6 78.8

Manual Integrations
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#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.110 ppbv m

RT: 4.47 min Scan# 524

Delta R.T. -0.01 min

Lab File: VL036285.D

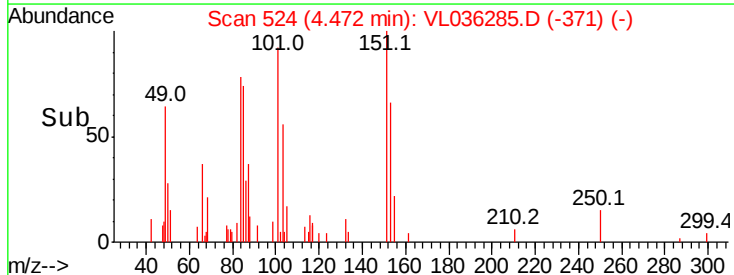
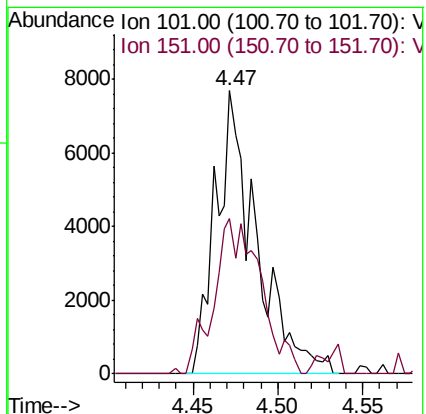
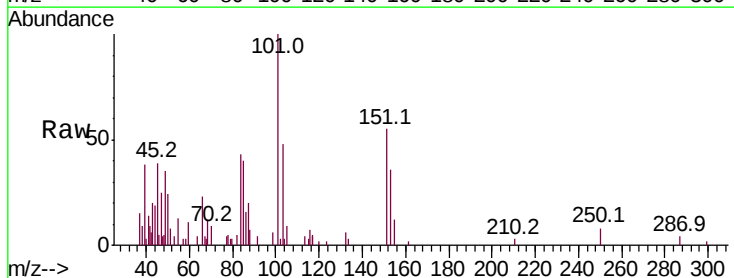
Acq: 28 Jan 2021 23:52

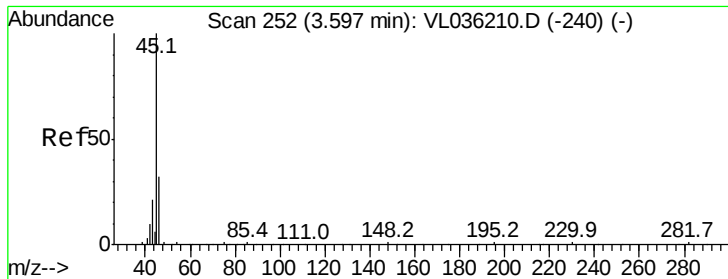
Tgt Ion:101 Resp: 12667

Ion Ratio Lower Upper

101 100

151 64.1 59.8 89.6





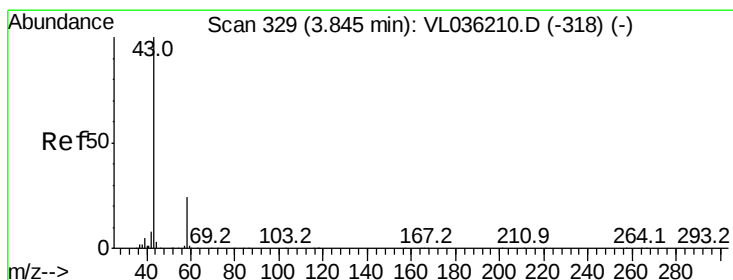
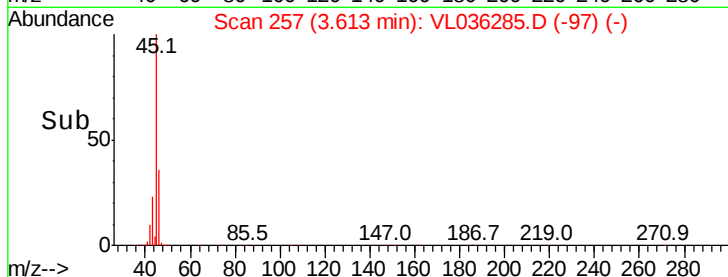
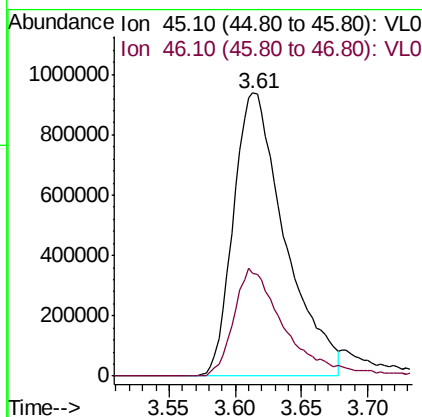
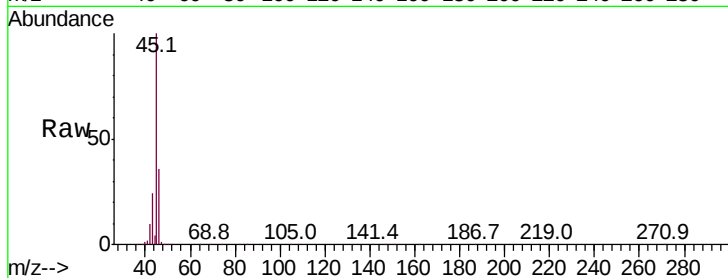
#13
Ethanol
Concen: 197.947 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.02 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Instrument :
MSVOA_L
ClientSampled :
SS-3

Tot Ion: 45 Resp: 2544871
Ion Ratio Lower Upper
45 100
46 38.9 19.2 77.0

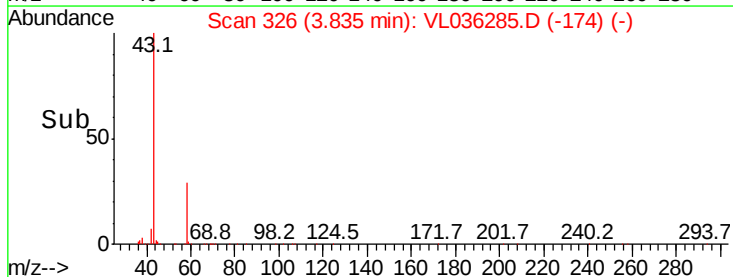
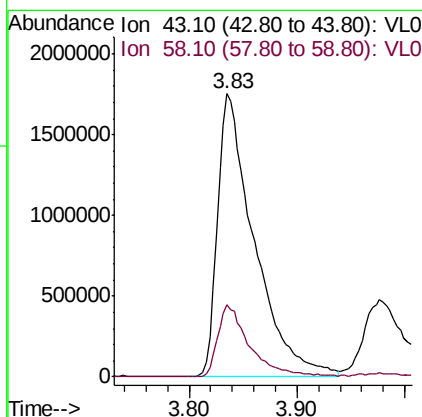
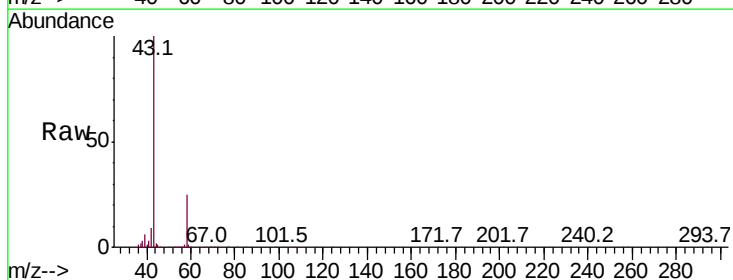
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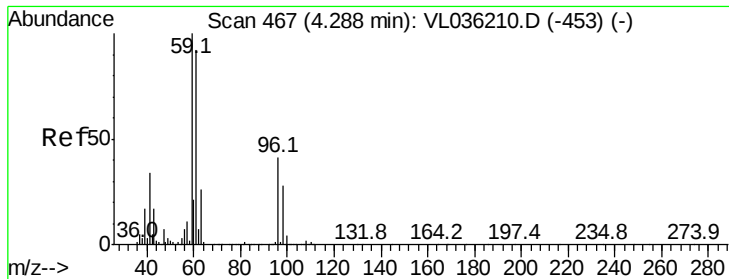
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#15
Acetone
Concen: 24.089 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.01 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Tgt Ion: 43 Resp: 4130212
Ion Ratio Lower Upper
43 100
58 22.3 20.9 31.3





#17

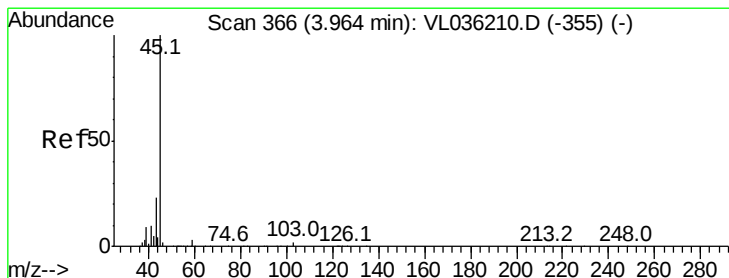
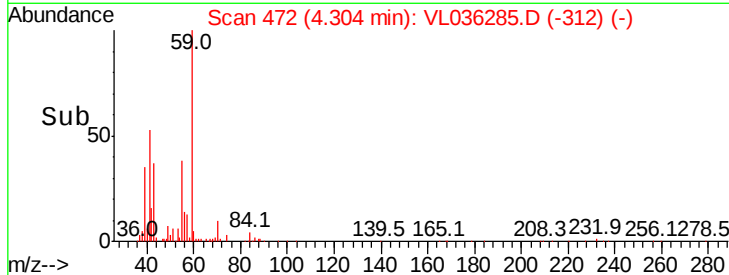
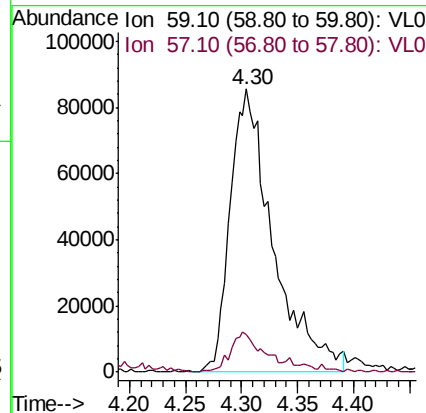
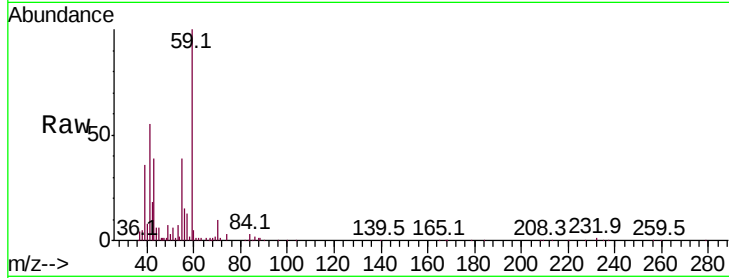
tert-Butyl alcohol
 Concen: 1.609 ppbv m
 RT: 4.30 min Scan# 472
 Delta R.T. 0.02 min
 Lab File: VL036285.D
 Acq: 28 Jan 2021 23:52

Instrument :
 MSVOA_L
 ClientSampled :
 SS-3

Tot Ion	59	Resp	227698
Ion Ratio	100	Lower	Upper
57	12.7	9.2	13.8

Manual Integrations
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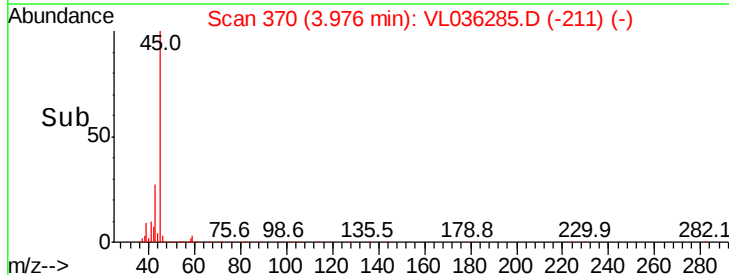
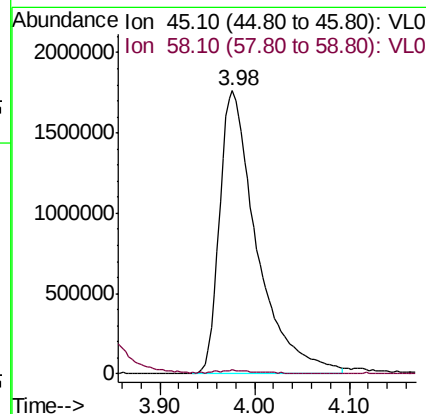
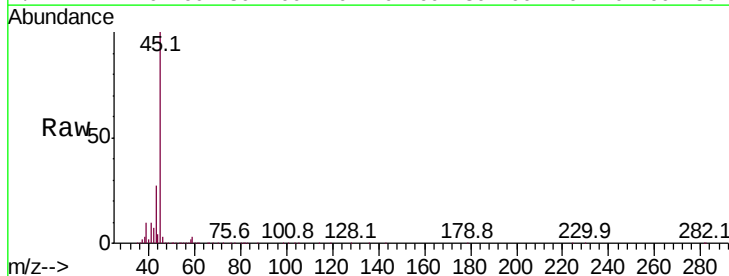
MMDadoda
 2/1/2021 1:52:44 PM

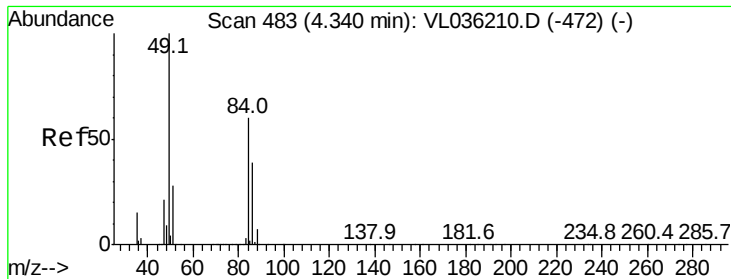


#19

Isopropyl Alcohol
 Concen: 46.550 ppbv
 RT: 3.98 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: VL036285.D
 Acq: 28 Jan 2021 23:52

Tgt Ion	45	Resp	4811624
Ion Ratio	100	Lower	Upper
58	1.8	1.9	2.9#





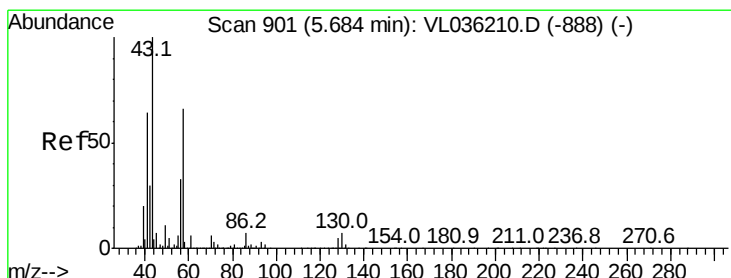
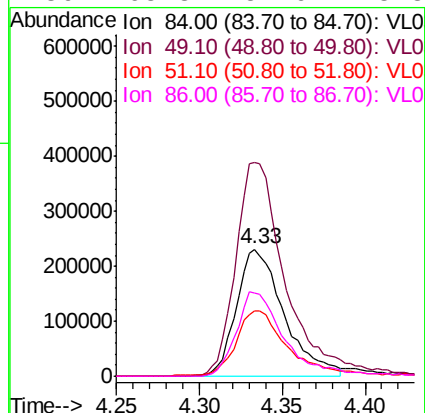
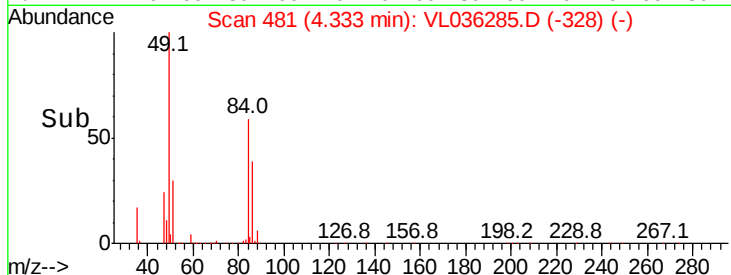
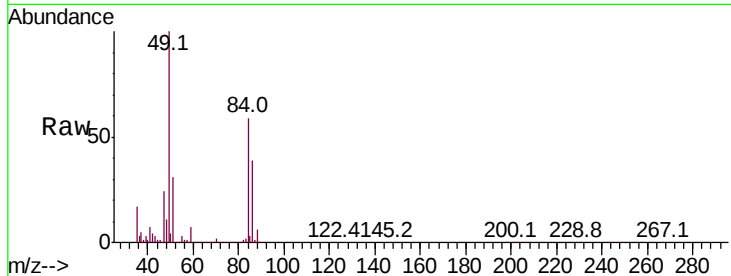
#20
Methvlene Chloride
Concen: 8.415 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Instrument :
MSVOA_L
ClientSampled :
SS-3

Tot Ion	Ratio	Lower	Upper
84	100		
49	167.9	134.1	201.1
51	50.3	37.4	56.0
86	65.3	52.6	78.8

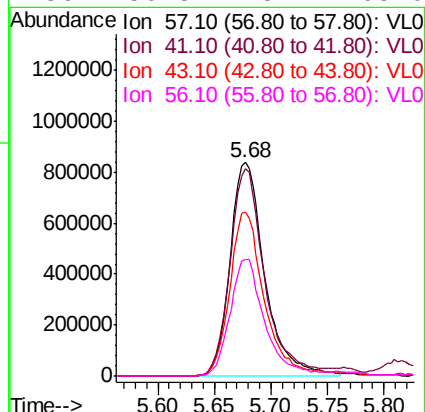
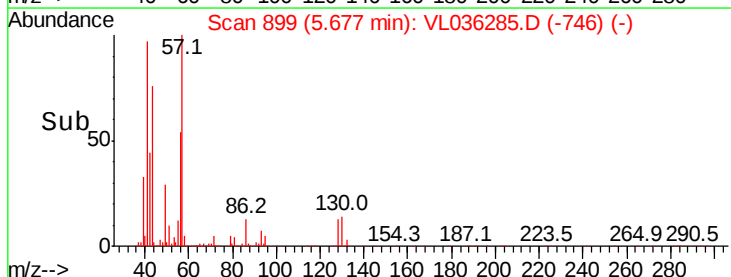
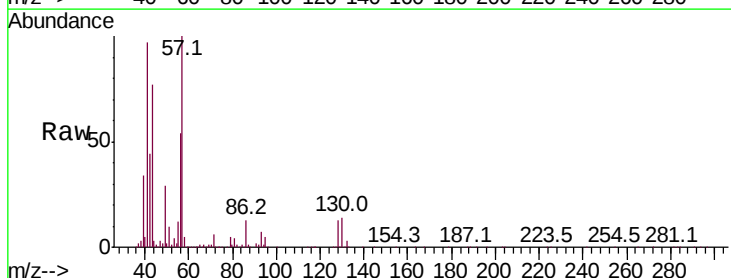
Manual Integrations
APPROVED

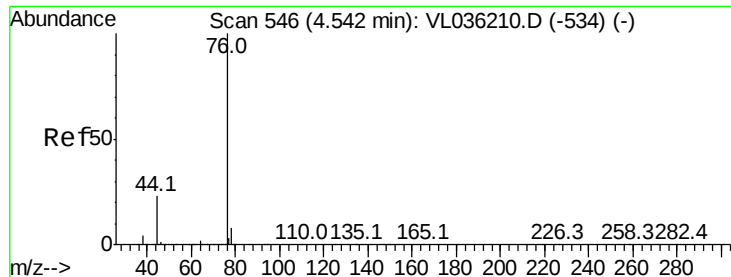
MMDadoda
2/1/2021 1:52:44 PM



#26
Hexane
Concen: 12.452 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Tgt Ion	Ratio	Lower	Upper
57	100		
41	100.8	83.0	124.6
43	78.2	202.4	303.6#
56	56.8	43.4	65.0





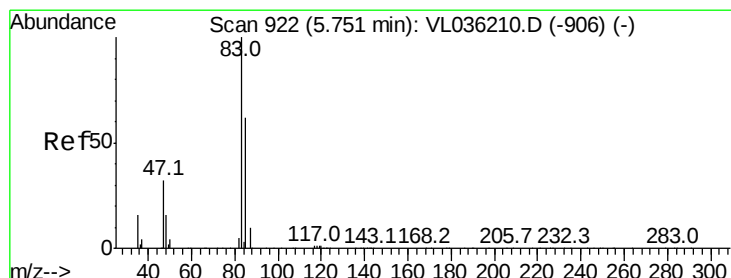
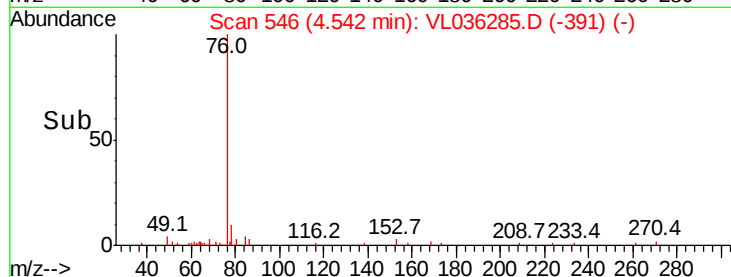
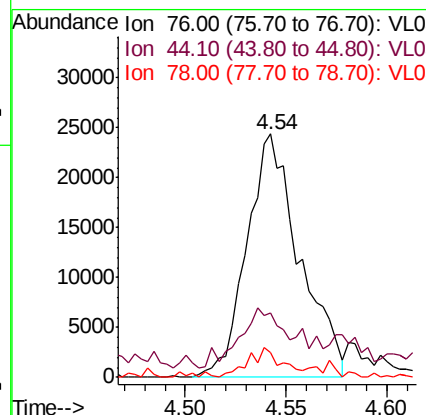
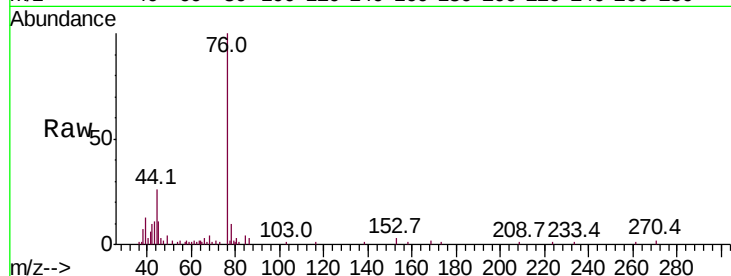
#27
Carbon Disulfide
Concen: 0.388 ppbv
RT: 4.54 min Scan# 546
Delta R.T. -0.00 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Instrument :
MSVOA_L
ClientSampleId :
SS-3

Tot Ion	Ratio	Lower	Upper
76	100		
44	38.7	19.0	28.6#
78	11.4	8.0	12.0

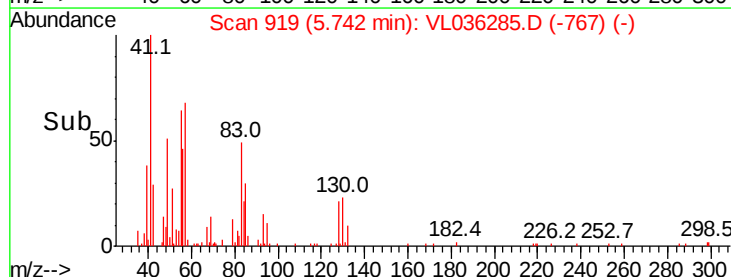
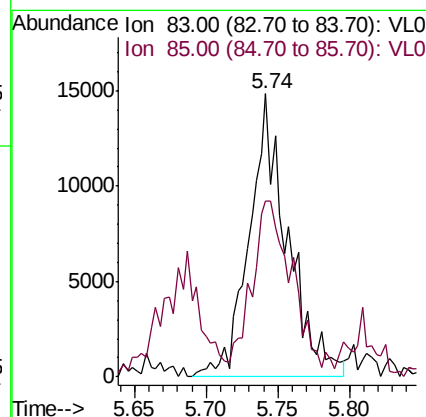
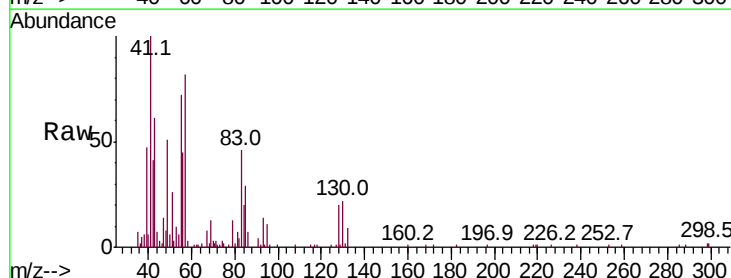
Manual Integrations
APPROVED

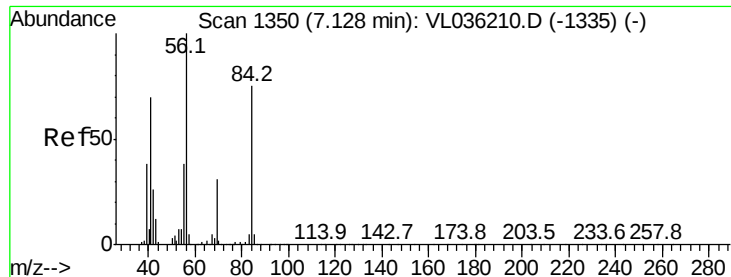
MMDadoda
2/1/2021 1:52:44 PM



#29
Chloroform
Concen: 0.134 ppbv m
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	49.3	73.9





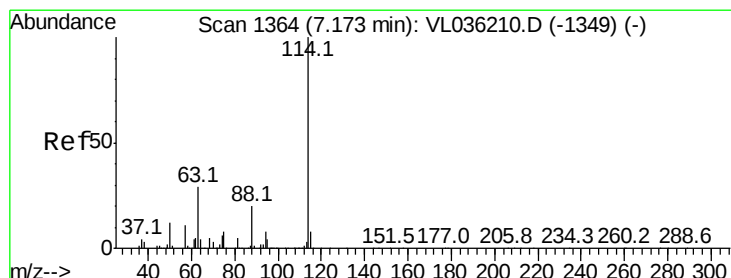
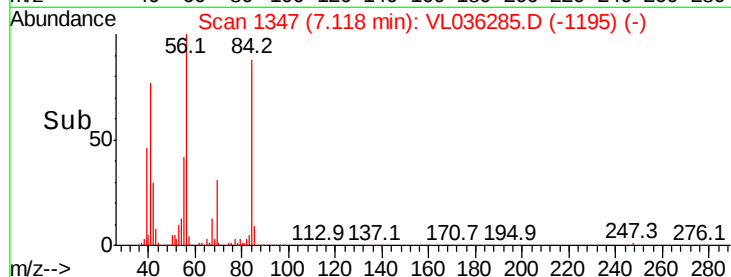
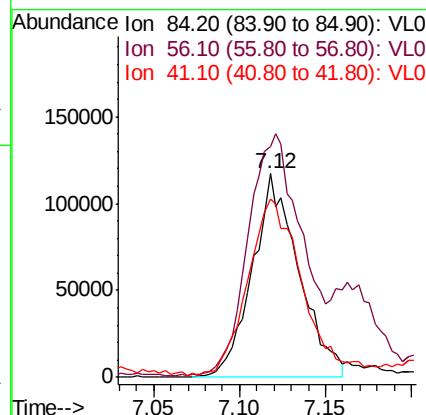
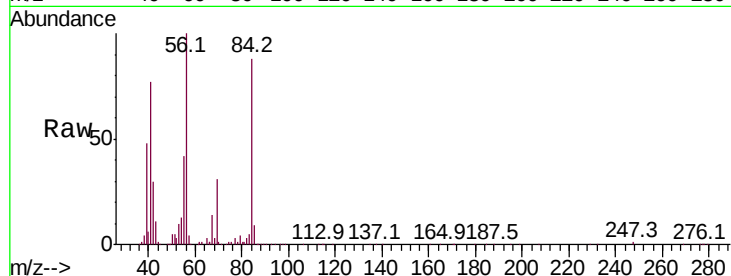
#30
Cvclohexane
Concen: 2.008 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.01 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Instrument :
MSVOA_L
ClientSampled :
SS-3

Tot Ion	Ratio	Lower	Upper
84	100		
56	182.7	119.4	179.0#
41	100.3	79.4	119.0

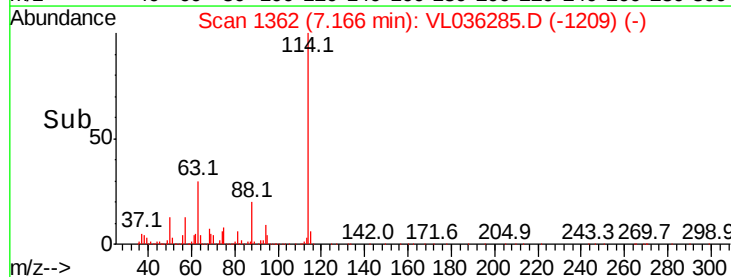
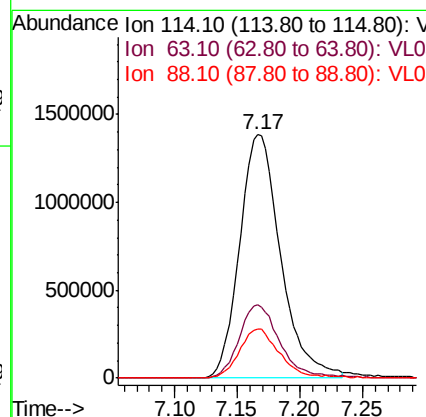
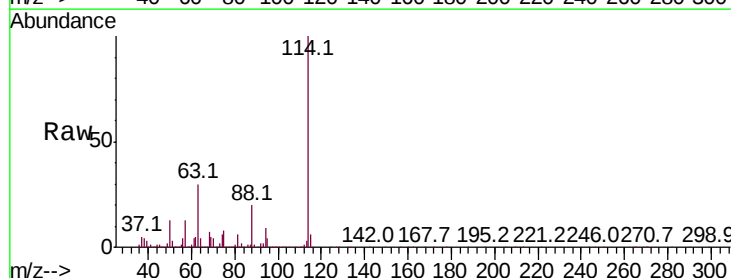
Manual Integrations
APPROVED

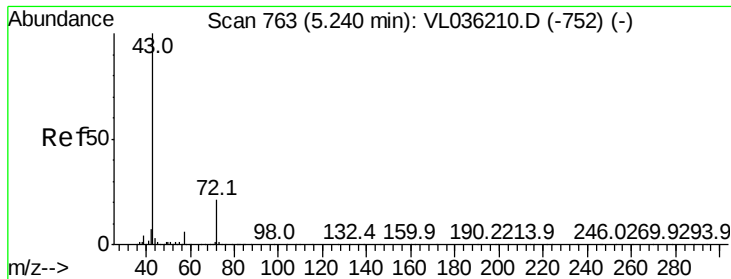
MMDadoda
2/1/2021 1:52:44 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	30.2	24.7	37.1
88	20.1	16.6	24.8





#34

2-Butanone

Concen: 0.901 ppbv

RT: 5.24 min Scan# 763

Delta R.T. -0.00 min

Lab File: VL036285.D

Acq: 28 Jan 2021 23:52

Instrument :

MSVOA_L

ClientSampled :

SS-3

Tot Ion: 43 Resp: 209375

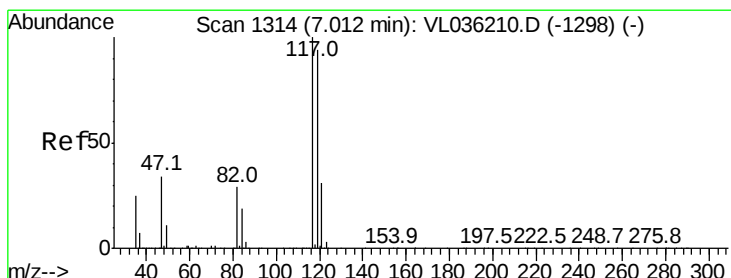
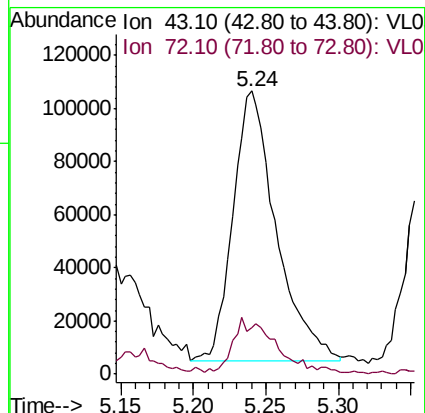
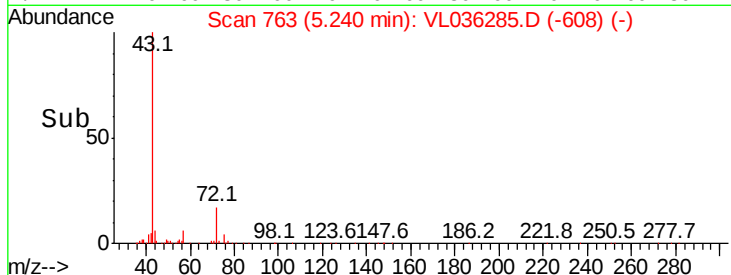
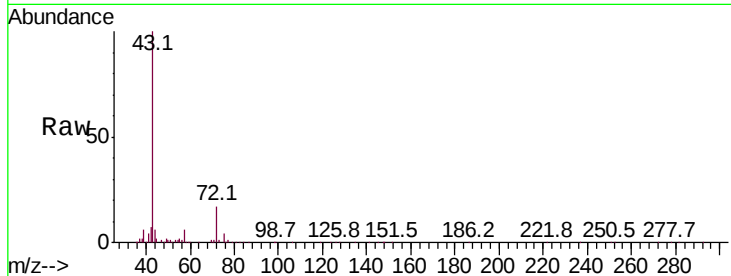
Ion Ratio Lower Upper

43 100

72 20.8 16.1 24.1

Manual Integrations
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#35

Carbon Tetrachloride

Concen: 0.080 ppbv m

RT: 7.01 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VL036285.D

Acq: 28 Jan 2021 23:52

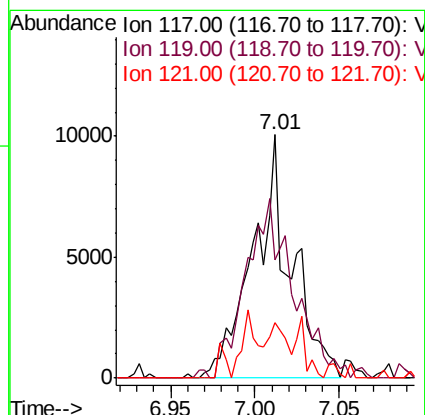
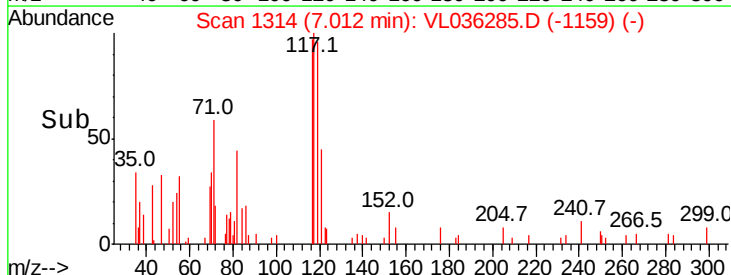
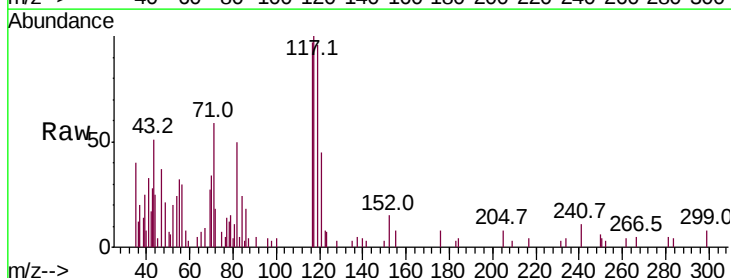
Tgt Ion: 117 Resp: 15863

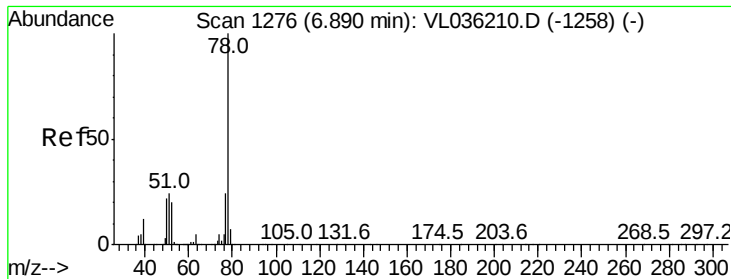
Ion Ratio Lower Upper

117 100

119 96.2 74.9 112.3

121 45.1 25.0 37.6#





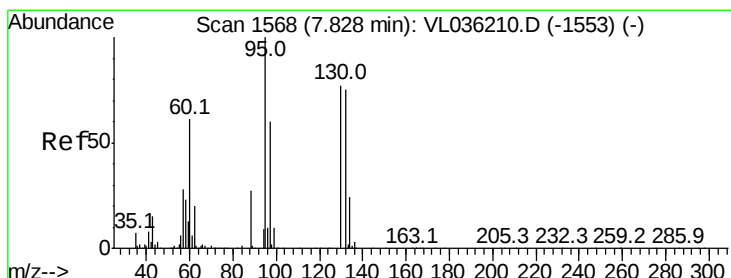
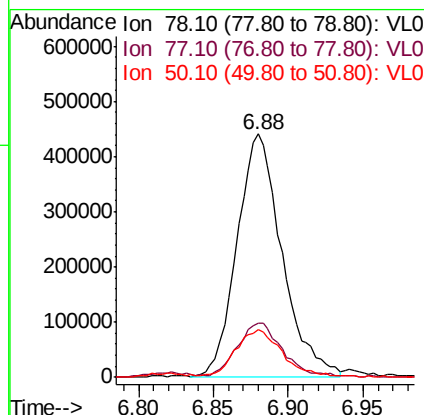
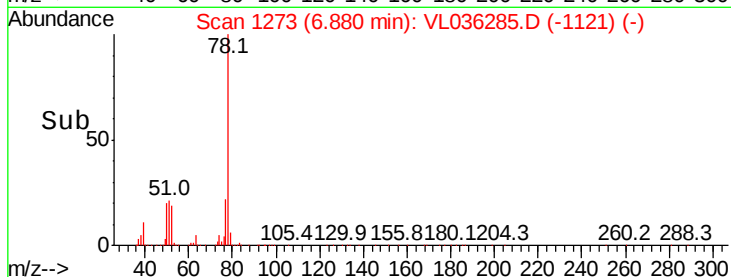
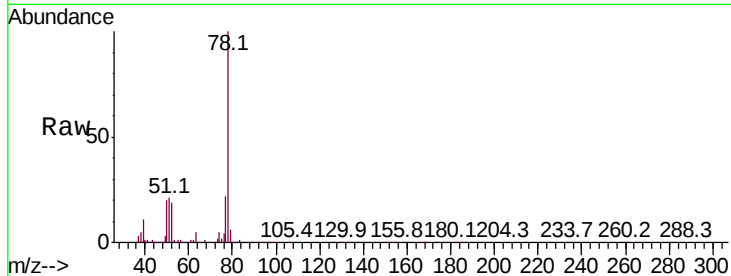
#36
Benzene
Concen: 3.170 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Instrument :
MSVOA_L
ClientSampled :
SS-3

Tot Ion	Ratio	Lower	Upper
78	100		
77	21.6	19.4	29.0
50	19.1	17.4	26.2

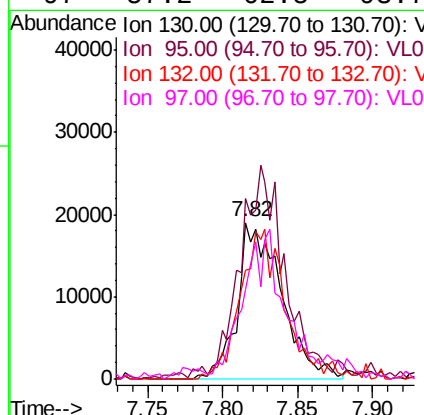
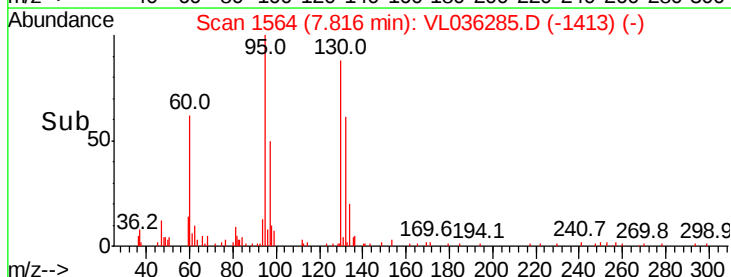
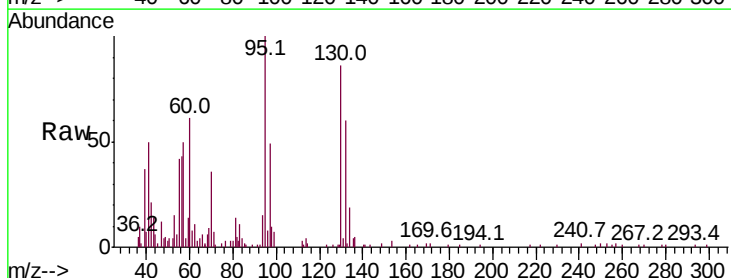
Manual Integrations
APPROVED

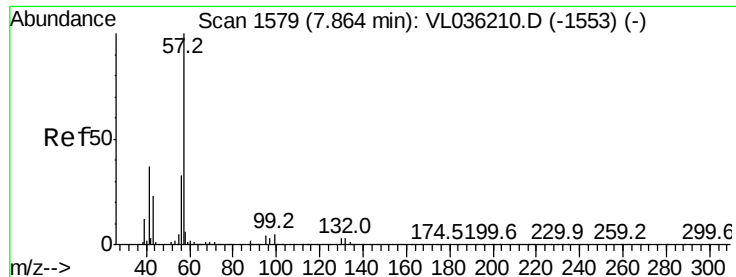
MMDadoda
2/1/2021 1:52:44 PM



#38
Trichloroethene
Concen: 0.364 ppbv m
RT: 7.82 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	115.7	103.9	155.9
132	70.0	77.4	116.2#
97	57.2	62.5	93.7#





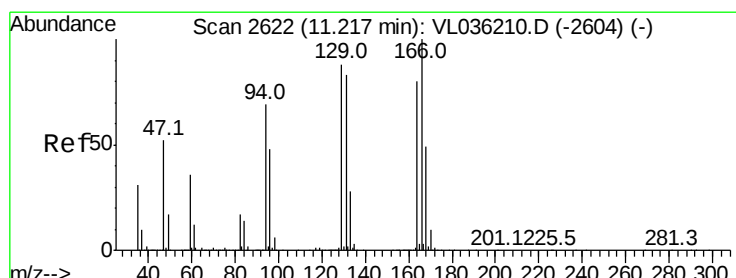
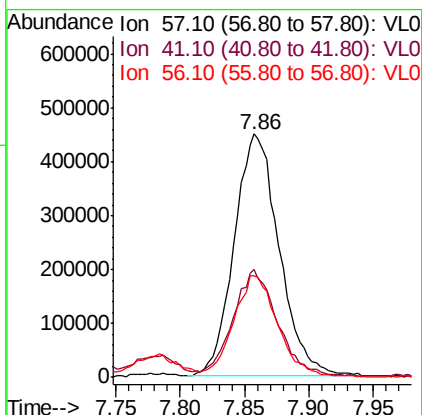
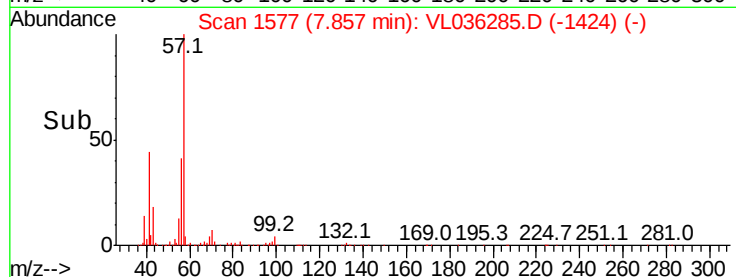
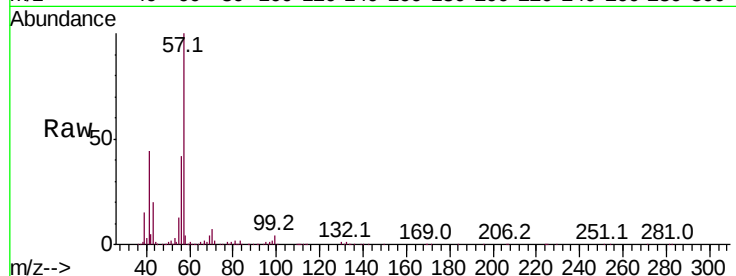
#44
2,2,4-Trimethylpentane
Concen: 2.055 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.01 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Instrument :
MSVOA_L
ClientSampled :
SS-3

Tot Ion: 57 Resp: 1090768
Ion Ratio Lower Upper
57 100
41 43.2 28.5 42.7#
56 40.7 25.5 38.3#

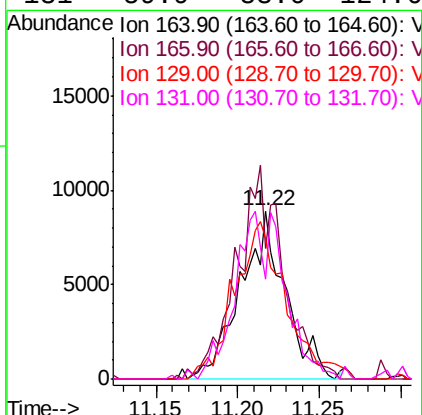
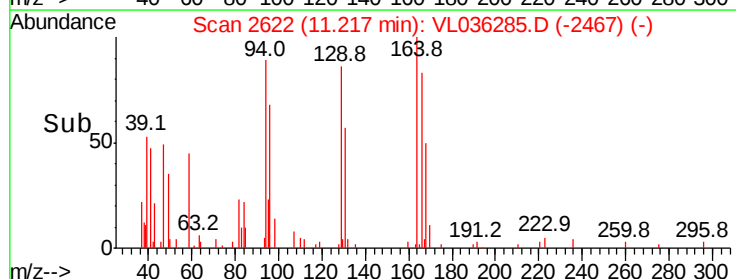
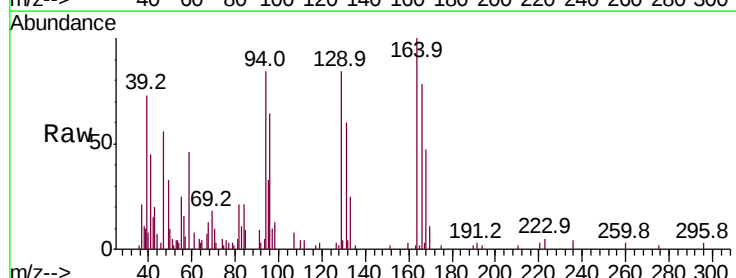
Manual Integrations
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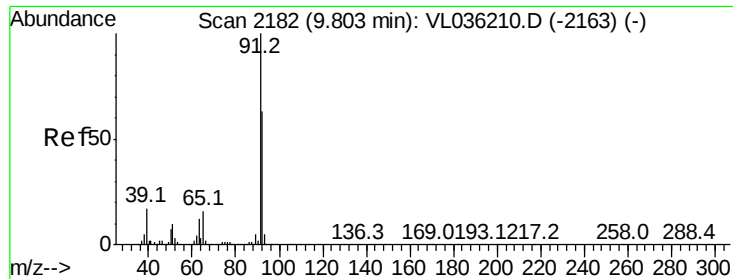
MMDadoda
2/1/2021 1:52:44 PM



#52
Tetrachloroethene
Concen: 0.159 ppbv m
RT: 11.22 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Tgt Ion: 164 Resp: 16935
Ion Ratio Lower Upper
164 100
166 77.9 99.9 149.9#
129 84.1 88.2 132.4#
131 59.9 83.0 124.6#





#53

Toluene

Concen: 25.601 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. -0.01 min

Lab File: VL036285.D

Acq: 28 Jan 2021 23:52

Instrument :

MSVOA_L

ClientSampled :

SS-3

Tot Ion: 91 Resp: 8277130

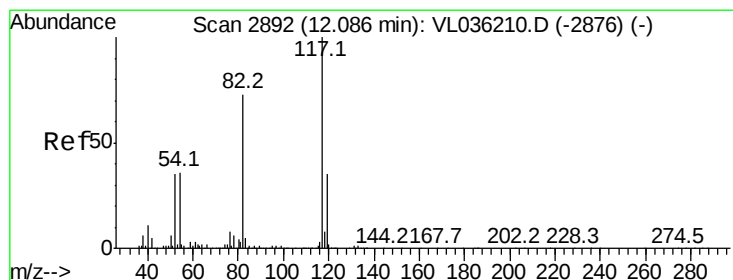
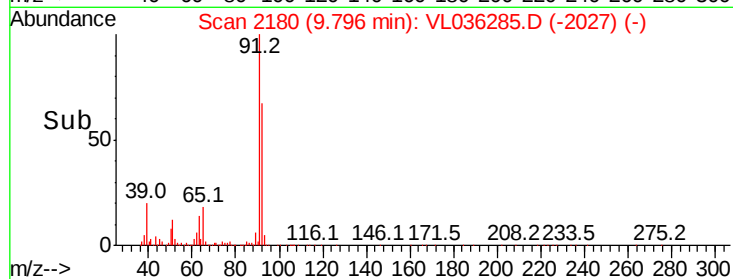
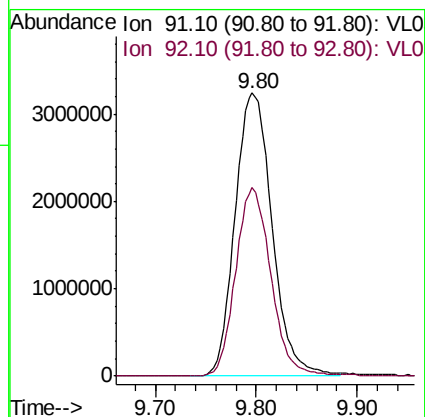
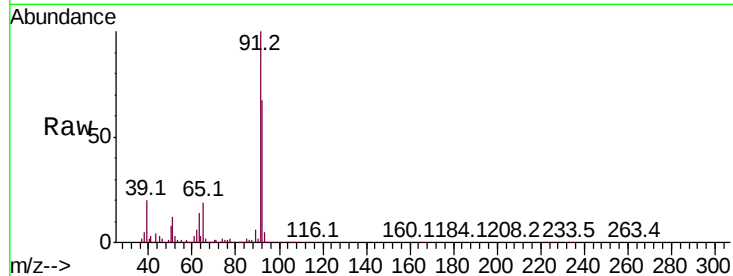
Ion Ratio Lower Upper

91 100

92 63.5 48.5 72.7

Manual Integrations
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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2889

Delta R.T. -0.01 min

Lab File: VL036285.D

Acq: 28 Jan 2021 23:52

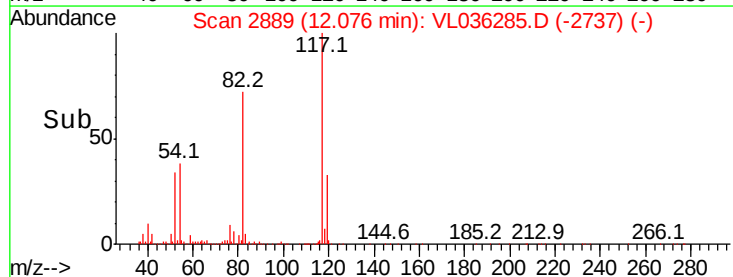
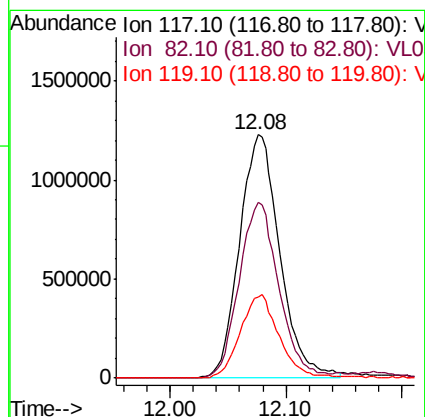
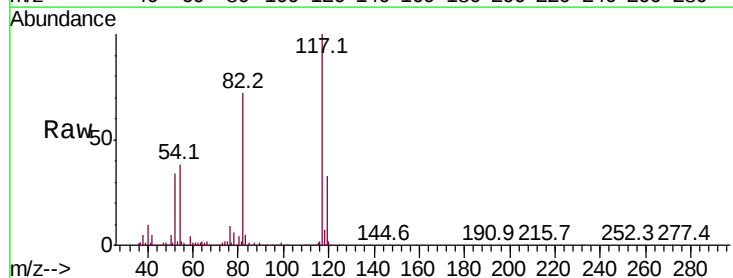
Tgt Ion: 117 Resp: 2960952

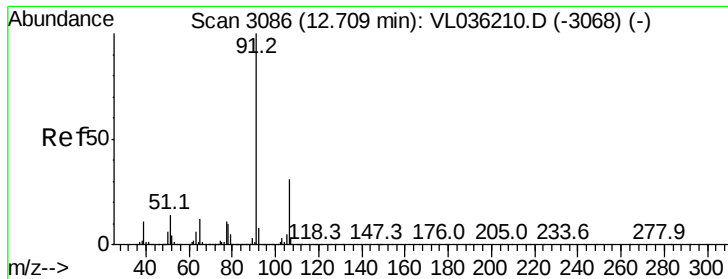
Ion Ratio Lower Upper

117 100

82 72.7 59.7 89.5

119 33.4 28.6 43.0





#58

Ethyl Benzene

Concen: 4.946 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. -0.01 min

Lab File: VL036285.D

Acq: 28 Jan 2021 23:52

Instrument :

MSVOA_L

ClientSampled :

SS-3

Tot Ion: 91 Resp: 2173376

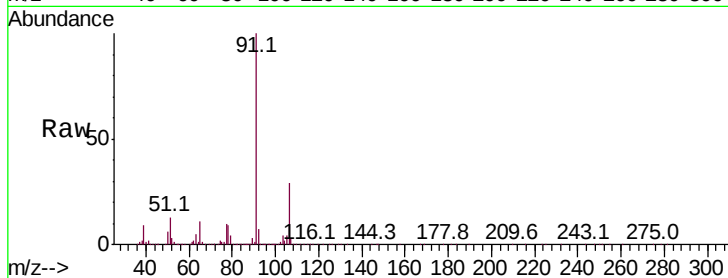
Ion Ratio Lower Upper

91 100

106 29.2 24.8 37.2

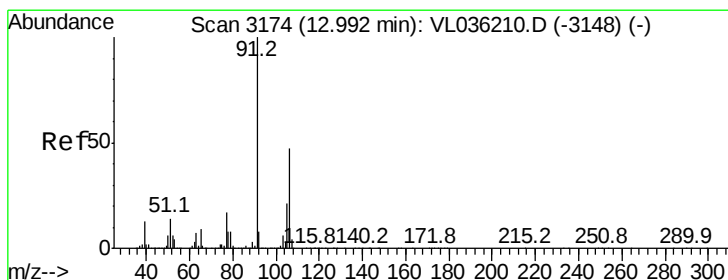
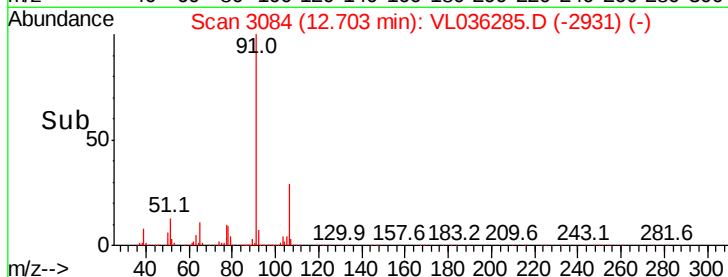
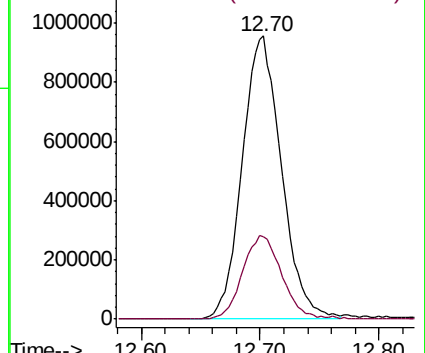
Manual Integrations
APPROVED

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2/1/2021 1:52:44 PM



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 16.794 ppbv

RT: 12.96 min Scan# 3163

Delta R.T. -0.04 min

Lab File: VL036285.D

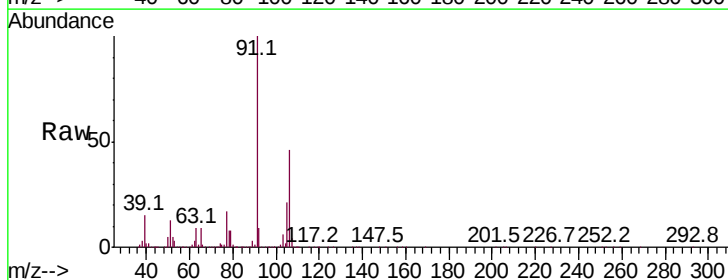
Acq: 28 Jan 2021 23:52

Tgt Ion: 91 Resp: 6340649

Ion Ratio Lower Upper

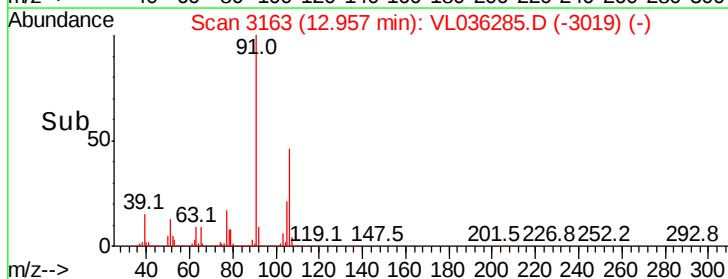
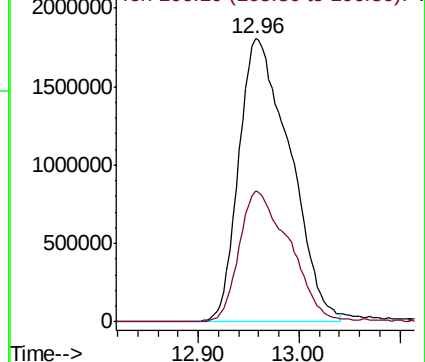
91 100

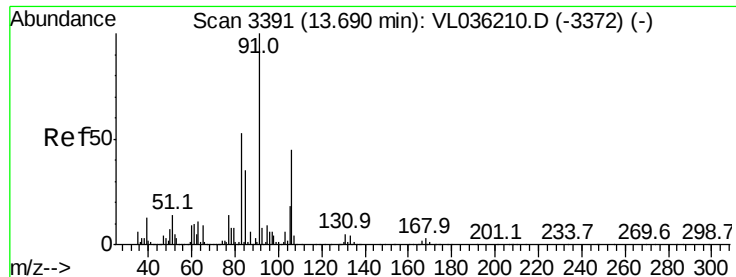
106 46.4 34.6 51.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





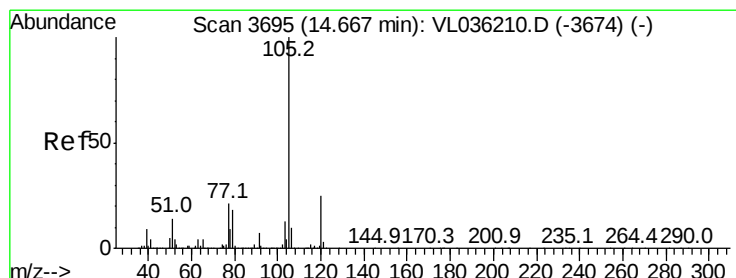
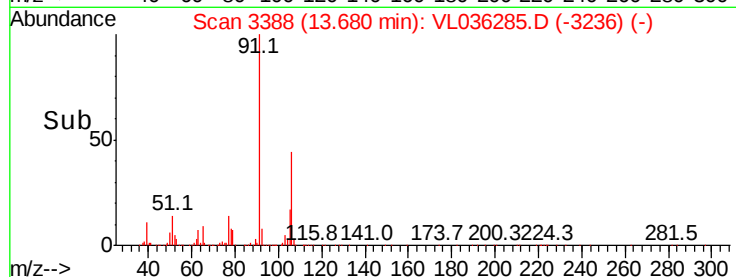
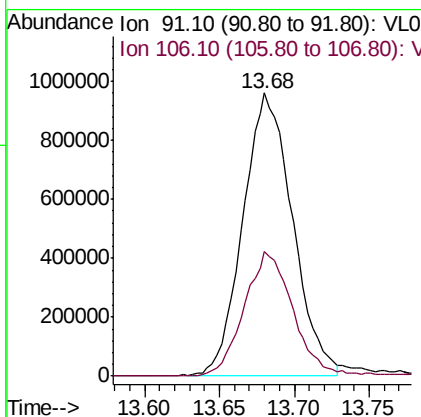
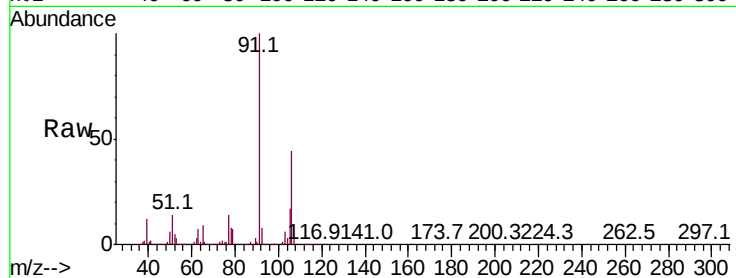
#60
o-Xylene
Concen: 6.049 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.01 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Instrument :
MSVOA_L
ClientSampled :
SS-3

Tot Ion: 91 Resp: 2201626
Ion Ratio Lower Upper
91 100
106 44.5 21.9 65.8

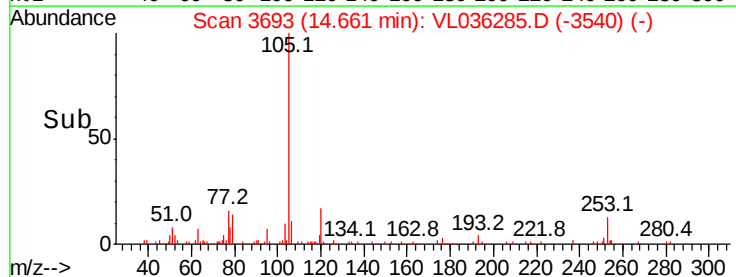
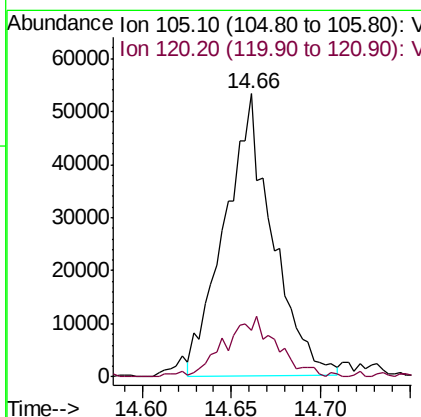
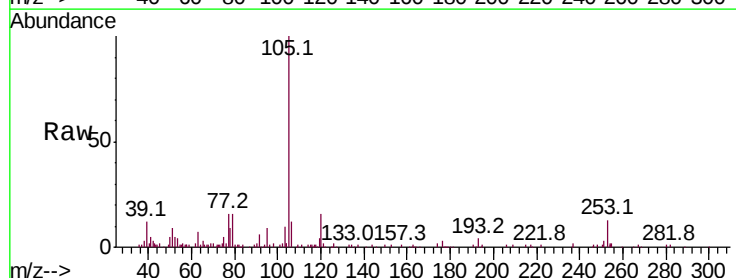
Manual Integrations
APPROVED

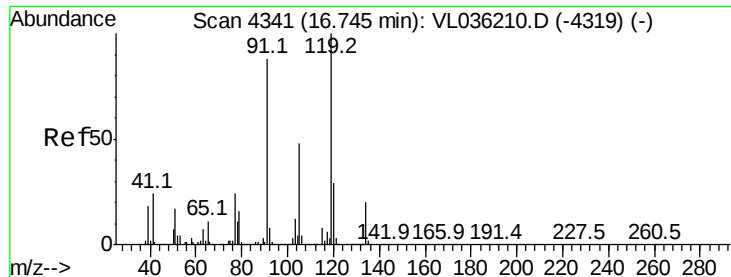
MMDadoda
2/1/2021 1:52:44 PM



#62
Isopropylbenzene
Concen: 0.183 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.01 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Tgt Ion: 105 Resp: 99008
Ion Ratio Lower Upper
105 100
120 23.5 20.3 30.5





#65

tert-Butylbenzene

Concen: 0.425 ppbv m

RT: 16.75 min Scan# 4344

Delta R.T. 0.01 min

Lab File: VL036285.D

Acq: 28 Jan 2021 23:52

Instrument :

MSVOA_L

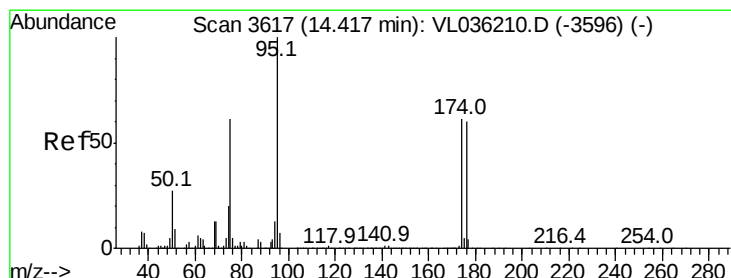
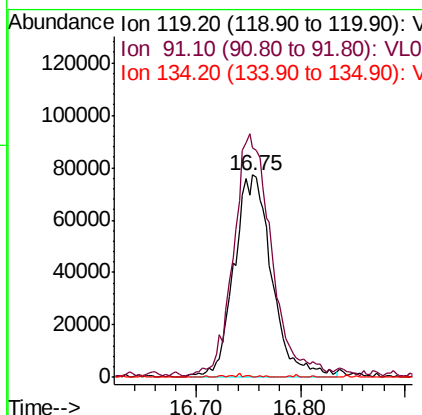
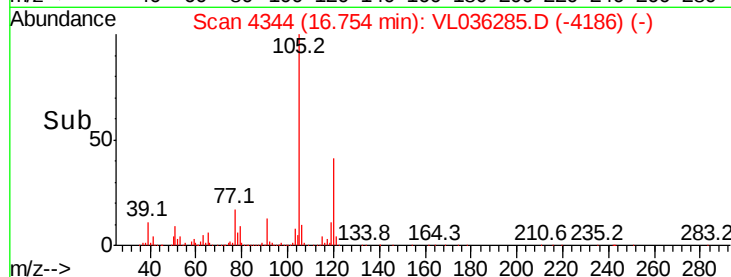
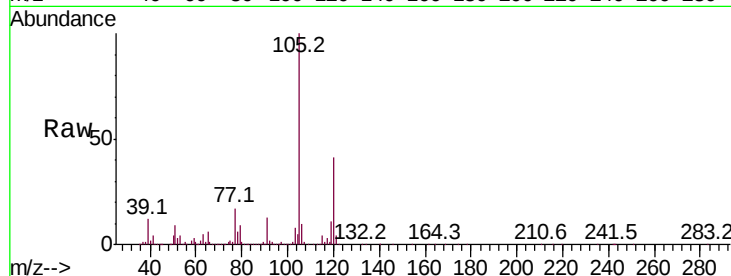
ClientSampled :

SS-3

Tot Ion	Ratio	Resp	Lower	Upper
119	100	194712		
91	121.7	71.0	106.6#	
134	0.0	15.8	23.6#	

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.543 ppbv

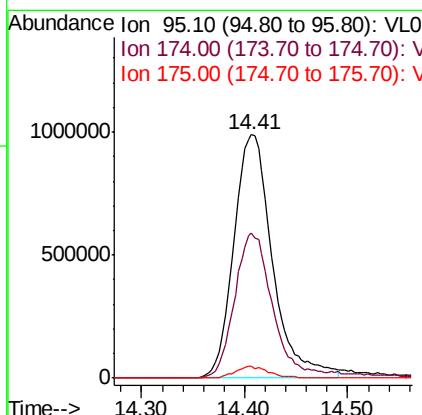
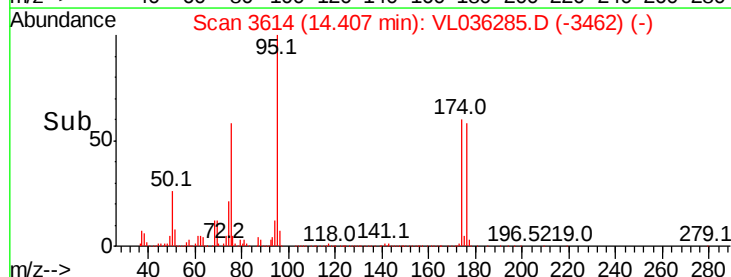
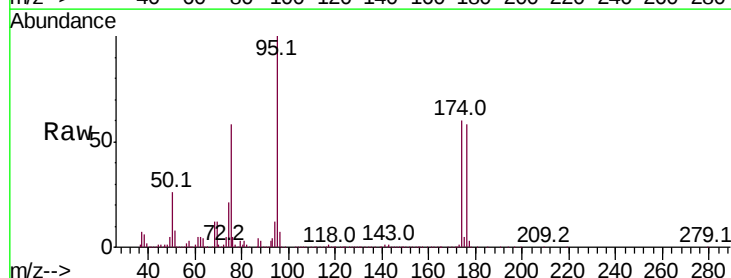
RT: 14.41 min Scan# 3614

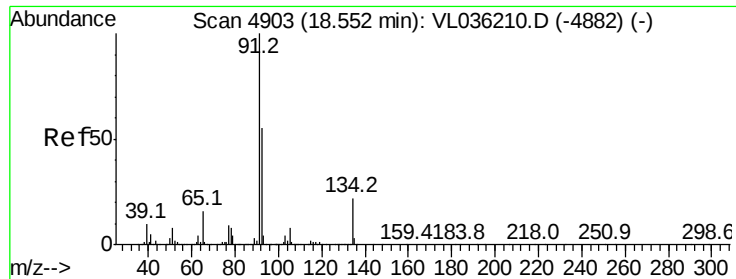
Delta R.T. -0.01 min

Lab File: VL036285.D

Acq: 28 Jan 2021 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	2583866		
174	61.5	49.4	74.0	
175	4.6	3.8	5.8	





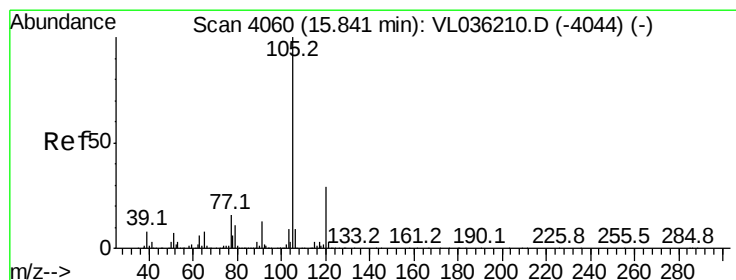
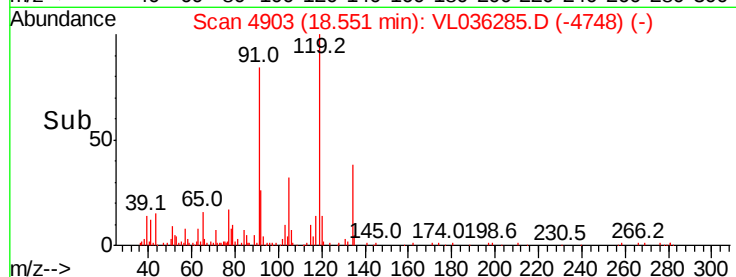
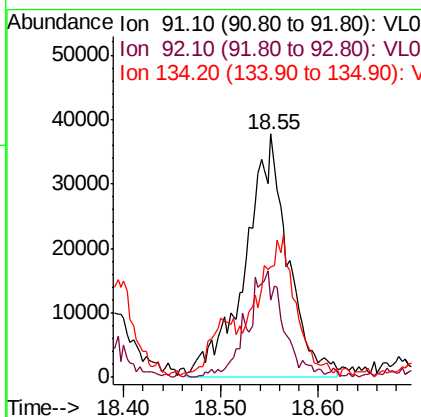
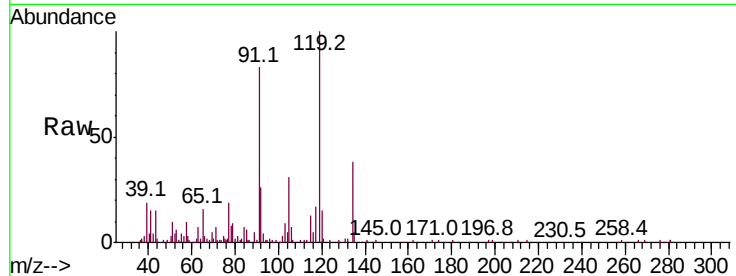
#70
n-Butylbenzene
Concen: 0.201 ppbv m
RT: 18.55 min Scan# 4903
Delta R.T. -0.00 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Instrument :
MSVOA_L
ClientSampled :
SS-3

Tot Ion	Ratio	Resp	Lower	Upper
91	100	115670		
92	0.0	44.0	66.0#	
134	0.0	17.0	25.4#	

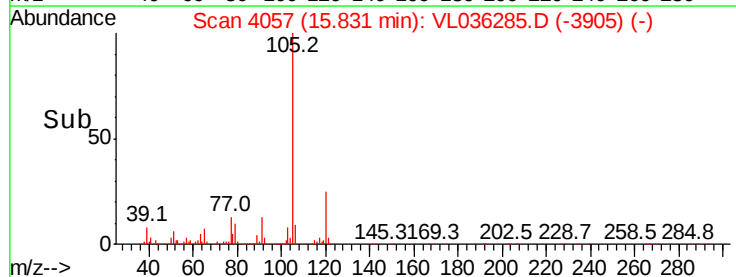
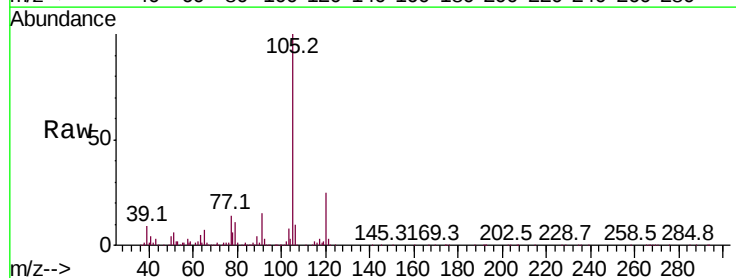
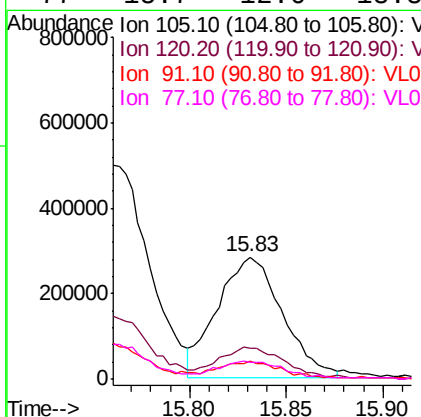
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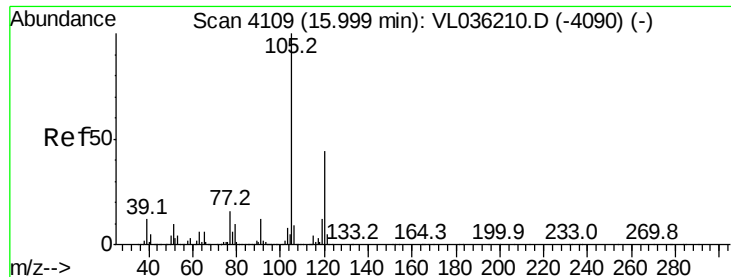
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#72
4-Ethyltoluene
Concen: 1.607 ppbv
RT: 15.83 min Scan# 4057
Delta R.T. -0.01 min
Lab File: VL036285.D
Acq: 28 Jan 2021 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	660118		
120	27.2	23.7	35.5	
91	16.3	11.9	17.9	
77	15.7	12.6	18.8	





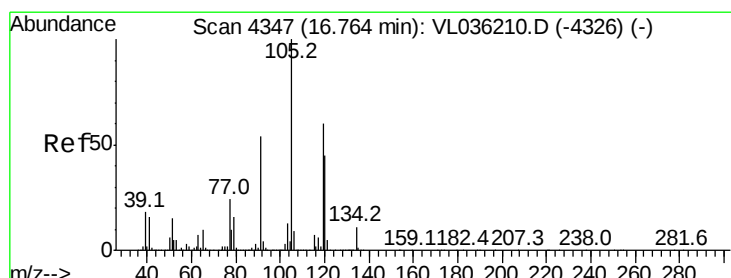
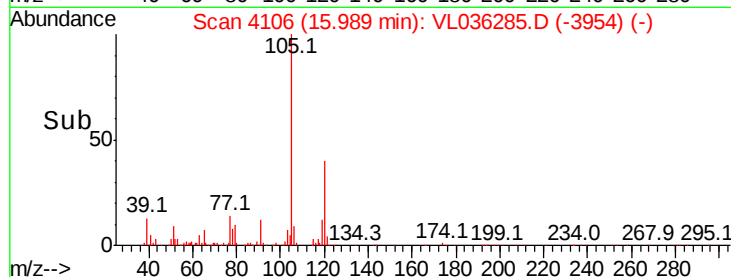
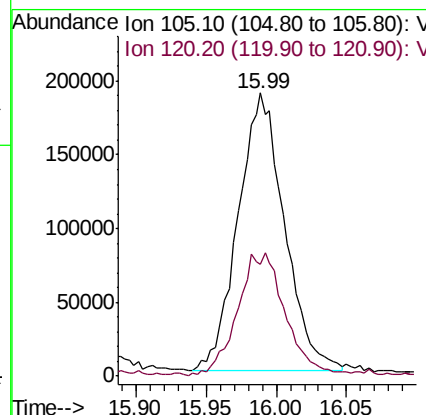
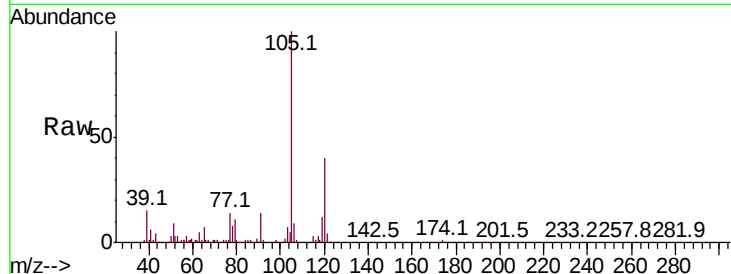
#73
 1,3,5-Trimethylbenzene
 Concen: 1.099 ppbv
 RT: 15.99 min Scan# 4106
 Delta R.T. -0.01 min
 Lab File: VL036285.D
 Acq: 28 Jan 2021 23:52

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3

Tot Ion	Ratio	Lower	Upper
105	100		
120	39.5	35.5	53.3

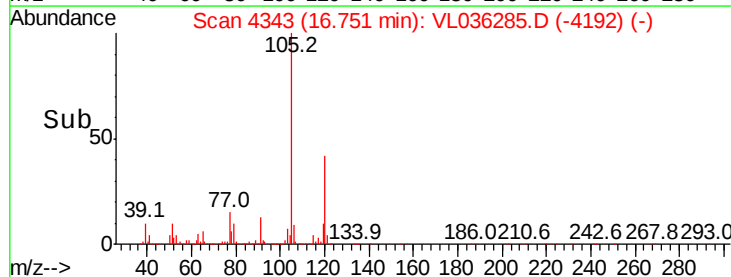
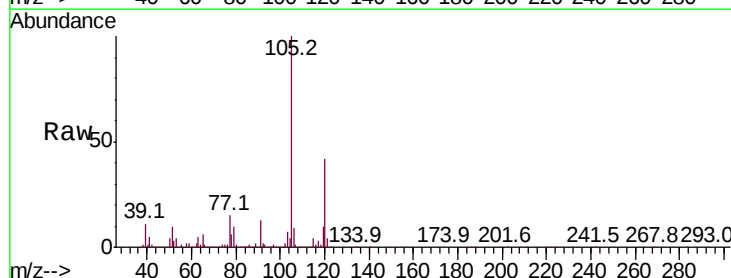
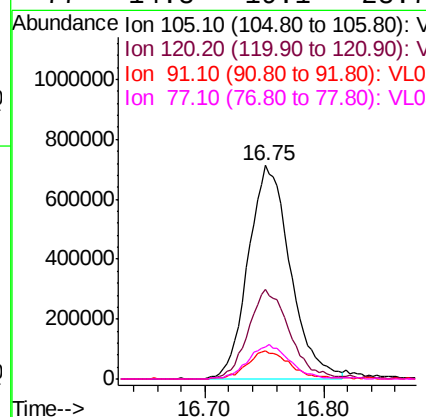
Manual Integrations
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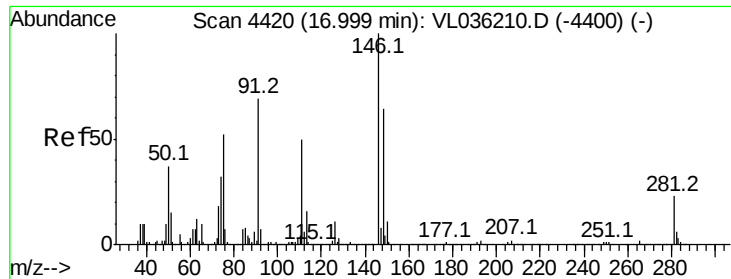
MMDadoda
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#74
 1,2,4-Trimethylbenzene
 Concen: 4.326 ppbv
 RT: 16.75 min Scan# 4343
 Delta R.T. -0.01 min
 Lab File: VL036285.D
 Acq: 28 Jan 2021 23:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.3	36.2	54.2
91	12.9	43.3	64.9#
77	14.8	19.1	28.7#





#75

1,3-Dichlorobenzene

Concen: 0.157 ppbv m

RT: 16.99 min Scan# 4417

Delta R.T. -0.01 min

Lab File: VL036285.D

Acq: 28 Jan 2021 23:52

Instrument :

MSVOA_L

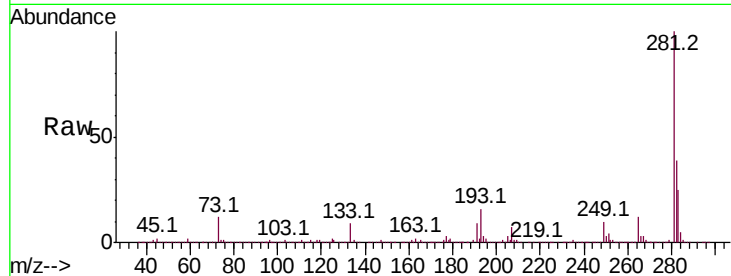
ClientSampled :

SS-3

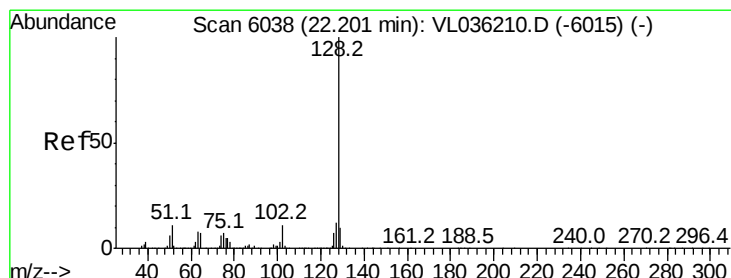
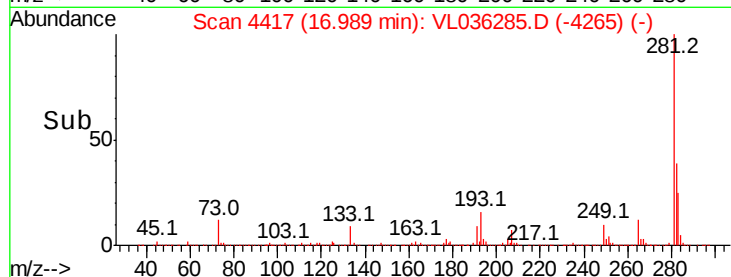
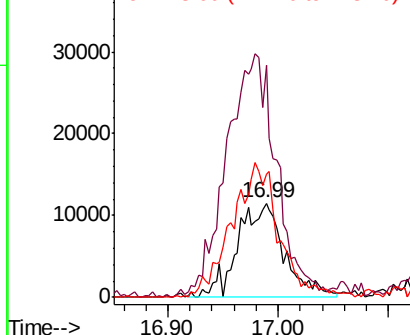
Tot Ion:	146	Resp:	33798
Ion Ratio	Lower	Upper	
146	100		
111	0.0	25.5	76.5#
148	0.0	32.4	97.2#

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.10 (110.80 to 111.80): V
Ion 148.00 (147.70 to 148.70): V



#79

Naphthalene

Concen: 0.195 ppbv m

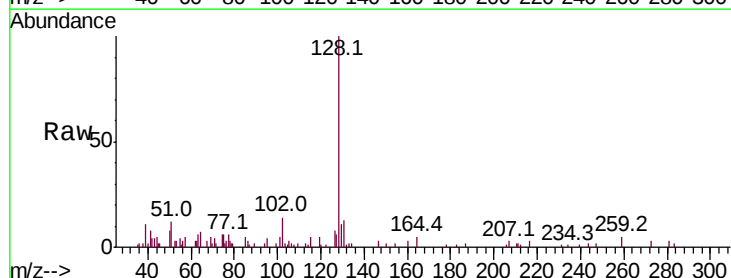
RT: 22.20 min Scan# 6039

Delta R.T. 0.00 min

Lab File: VL036285.D

Acq: 28 Jan 2021 23:52

Tgt Ion:	128	Resp:	45771
Ion Ratio	Lower	Upper	
128	100		
127	6.2	9.9	14.9#
129	11.3	8.4	12.6



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

