

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022620\
 Data File : VL034696.D
 Acq On : 26 Feb 2020 20:34
 Operator : SY/AP
 Sample : L1663-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-104

Manual Integrations
 APPROVED

Quant Time: Feb 27 15:52:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 27 15:52:39 2020
 QLast Update : Wed Feb 26 06:58:15 2020
 Response via : Initial Calibration

MMDadoda

2/27/2020 5:20:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	976801	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2010937	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2082483	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1704736	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	22735m	0.148	ppbv	
3) Chlorodifluoromethane	2.95	51	31285m	0.297	ppbv	
4) Chloromethane	3.11	50	29818	0.505	ppbv #	87
9) Propene	2.99	41	36965m	0.839	ppbv	
10) Heptane	8.14	43	213635	1.884	ppbv	98
11) Trichlorofluoromethane	3.92	101	39464m	0.292	ppbv	
13) Ethanol	3.59	45	3475338	249.659	ppbv	98
15) Acetone	3.82	43	3250753	29.205	ppbv	99
17) tert-Butyl alcohol	4.29	59	732959	8.593	ppbv	98
19) Isopropyl Alcohol	3.97	45	6233299	94.017	ppbv #	99
20) Methylene Chloride	4.33	84	251596	6.078	ppbv	96
26) Hexane	5.68	57	402015	4.427	ppbv #	50
29) Chloroform	5.75	83	17855m	0.123	ppbv	
30) Cyclohexane	7.14	84	79756m	1.133	ppbv	
34) 2-Butanone	5.24	43	427906	3.381	ppbv	98
35) Carbon Tetrachloride	7.04	117	12965m	0.096	ppbv	
36) Benzene	6.90	78	261807	1.507	ppbv	95
38) Trichloroethene	7.86	130	9026m	0.135	ppbv	
41) Tetrahydrofuran	6.05	42	177640	2.659	ppbv	97
44) 2,2,4-Trimethylpentane	7.88	57	453744	1.495	ppbv #	79
50) 4-Methyl-2-Pentanone	8.76	43	126851	0.708	ppbv	95
52) Tetrachloroethene	11.25	164	18604m	0.292	ppbv	
53) Toluene	9.83	91	2103004	11.384	ppbv	99
58) Ethyl Benzene	12.75	91	518088	2.056	ppbv	95
59) m/p-Xylene	13.00	91	1563751	7.116	ppbv	100
60) o-Xylene	13.73	91	586567	2.690	ppbv	98
61) Styrene	13.58	104	40638	0.290	ppbv	95
62) Isopropylbenzene	14.71	105	31553m	0.099	ppbv	
64) n-propylbenzene	15.62	120	28931m	0.353	ppbv	
69) p-Isopropyltoluene	17.71	119	814123	2.502	ppbv	99
70) n-Butylbenzene	18.62	91	65963m	0.186	ppbv	
72) 4-Ethyltoluene	15.89	105	189681	0.782	ppbv	99
73) 1,3,5-Trimethylbenzene	16.04	105	172537m	0.739	ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	673242	2.611	ppbv #	66
76) 1,4-Dichlorobenzene	17.19	146	49999m	0.336	ppbv	
79) Naphthalene	22.28	128	97733m	0.431	ppbv	

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022620\
Data File : VL034696.D
Acq On : 26 Feb 2020 20:34
Operator : SY/AP
Sample : L1663-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

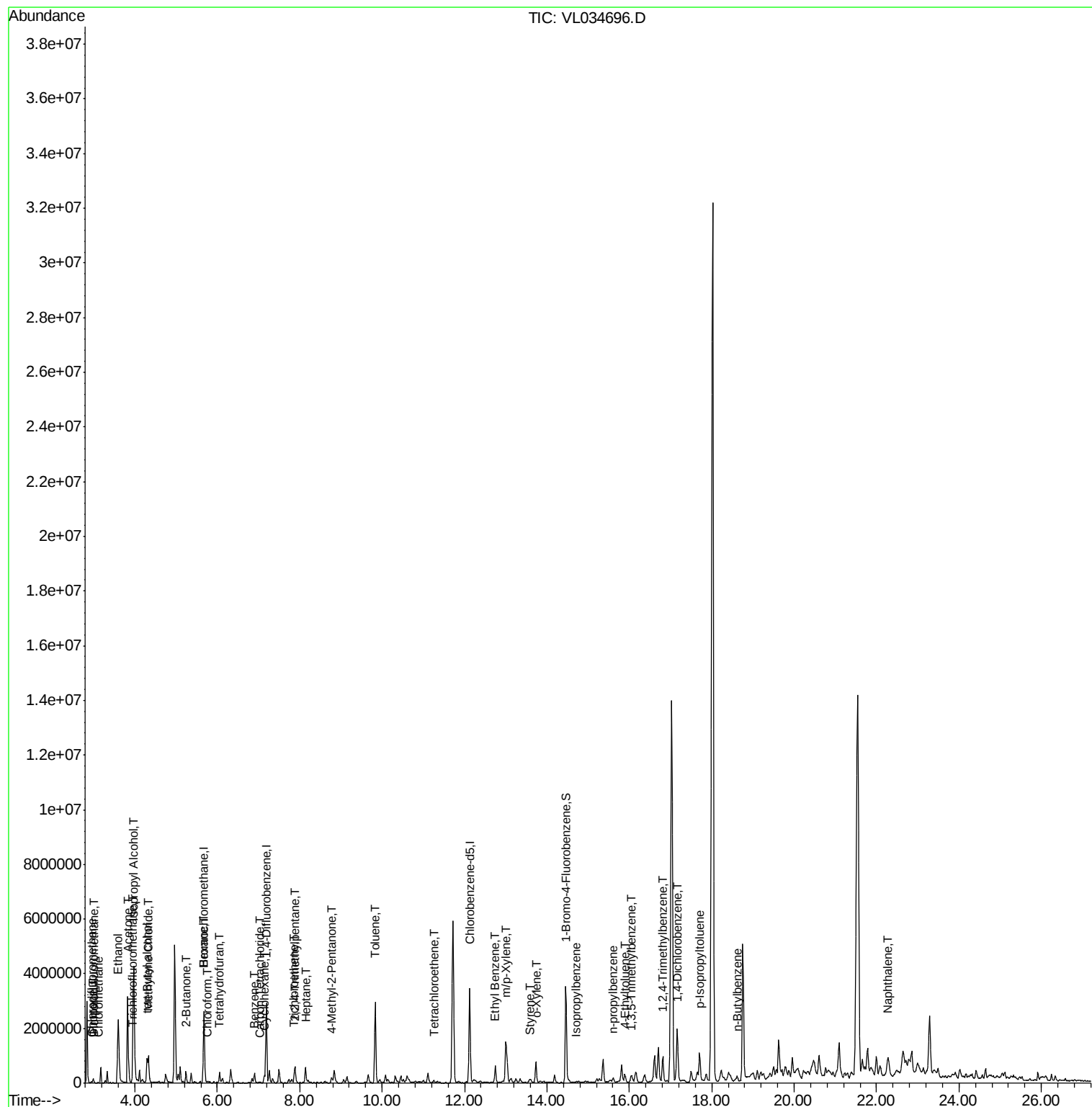
Instrument :
MSVOA_L
ClientSampleId :
EP-104

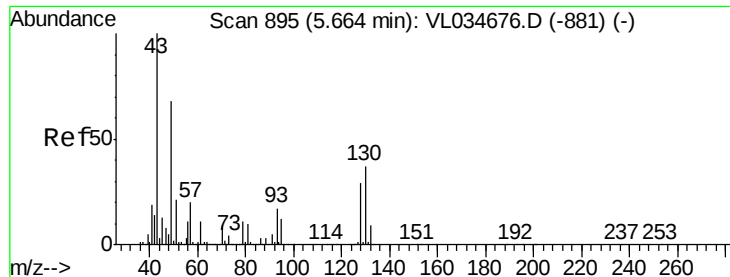
Manual Integrations
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Quant Time: Feb 27 15:52:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL034696.D

Acq: 26 Feb 2020 20:34

Instrument :

MSVOA_L

ClientSampled :

EP-104

Tot Ion: 49 Resp: 976801

Ion Ratio Lower Upper

49 100

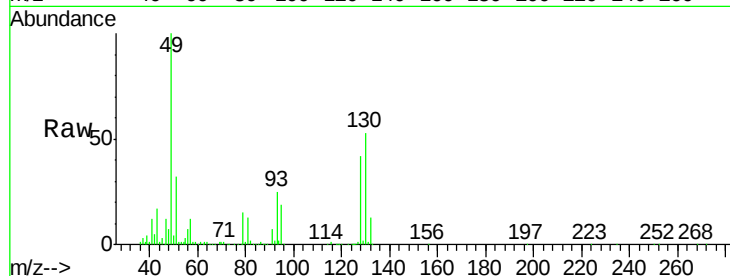
128 43.4 21.6 65.0

130 55.4 27.7 83.1

Manual Integrations
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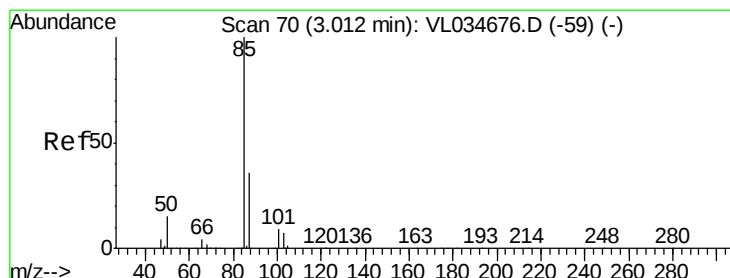
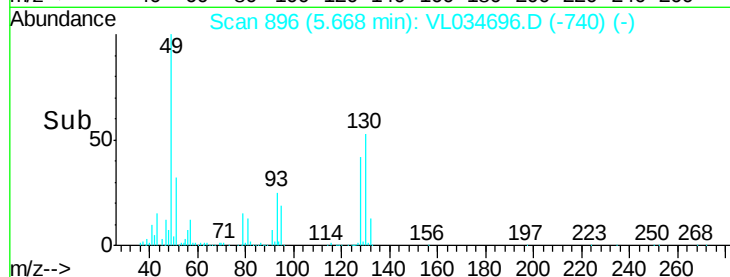
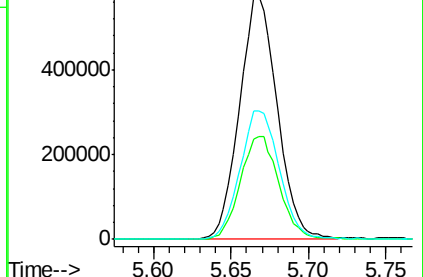
2/27/2020 5:20:03 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.148 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL034696.D

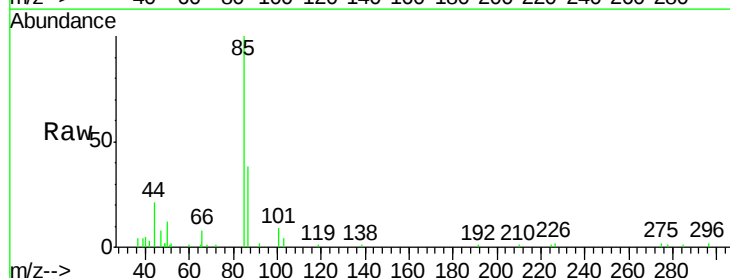
Acq: 26 Feb 2020 20:34

Tgt Ion: 85 Resp: 22735

Ion Ratio Lower Upper

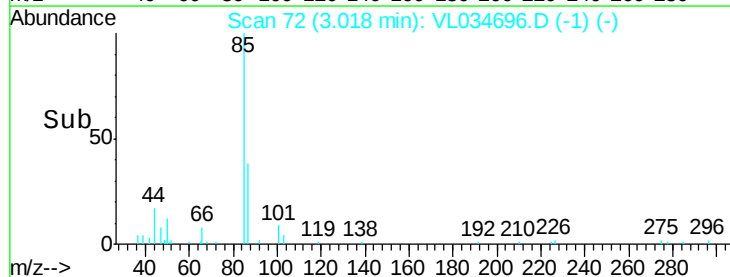
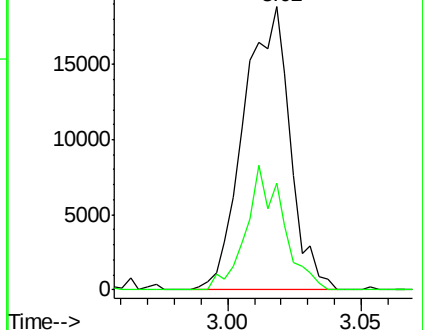
85 100

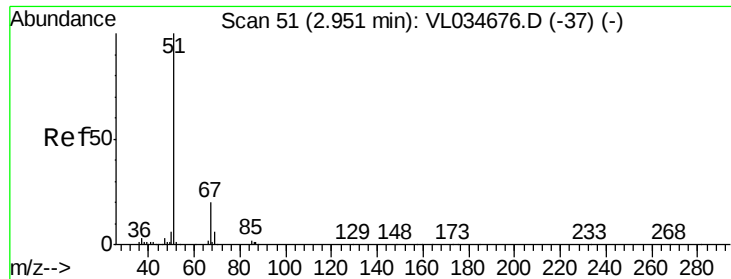
87 37.6 29.2 43.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane
Concen: 0.297 ppbv m
RT: 2.95 min Scan# 52
Delta R.T. 0.00 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

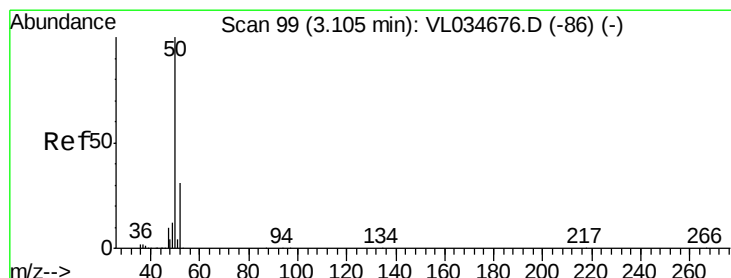
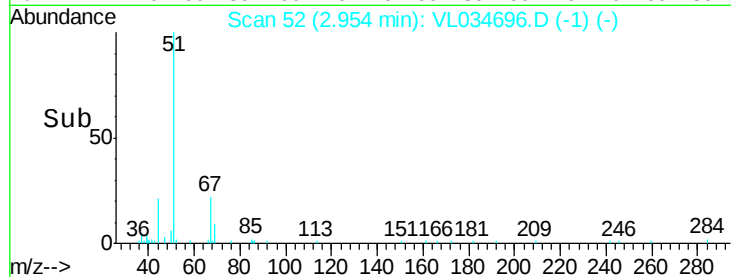
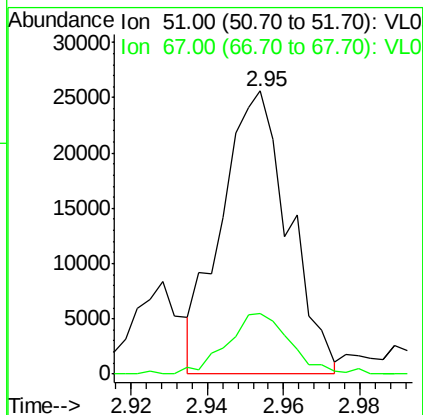
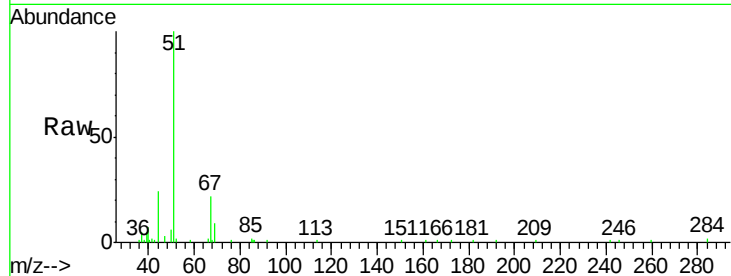
Instrument :
MSVOA_L
ClientSampled :
EP-104

Tot Ion	Ratio	Lower	Upper
51	100		
67	20.4	15.5	23.3

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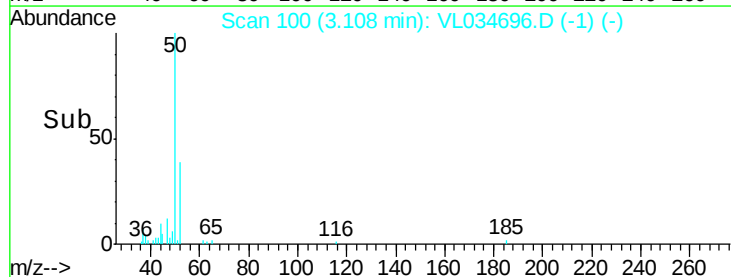
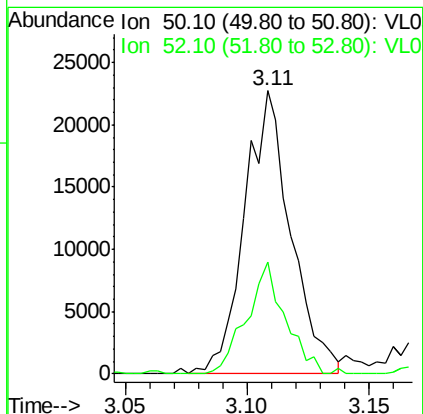
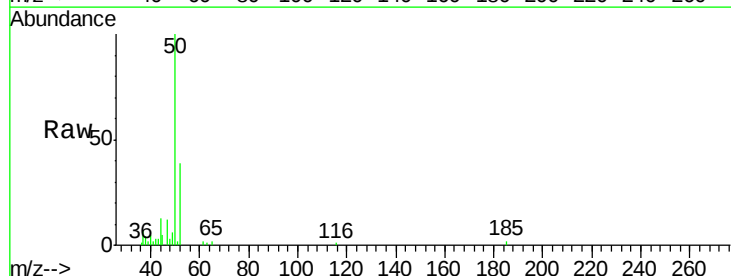
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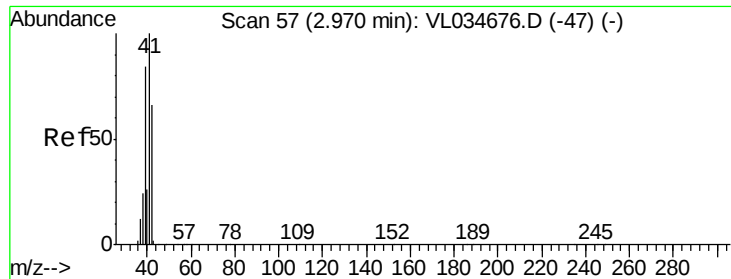


#4

Chloromethane
Concen: 0.505 ppbv
RT: 3.11 min Scan# 100
Delta R.T. 0.00 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

Tgt Ion	Ratio	Lower	Upper
50	100		
52	38.6	25.0	37.4





#9

Propene

Concen: 0.839 ppbv m

RT: 2.99 min Scan# 63

Delta R.T. 0.02 min

Lab File: VL034696.D

Acq: 26 Feb 2020 20:34

Instrument :

MSVOA_L

ClientSampled :

EP-104

Tot Ion: 41 Resp: 36965

Ion Ratio Lower Upper

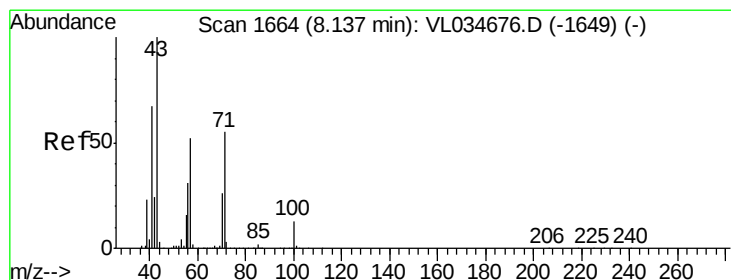
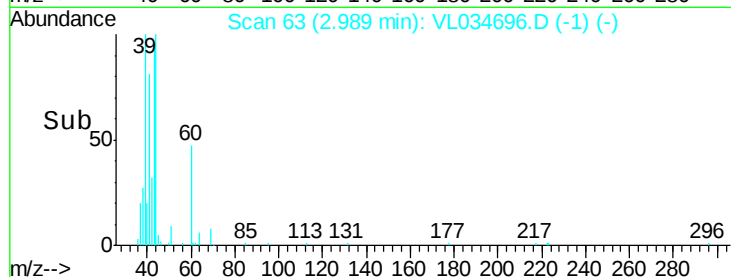
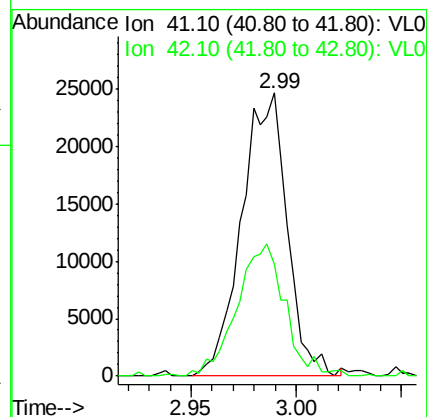
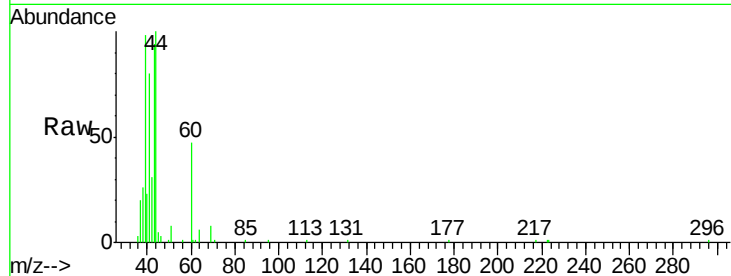
41 100

42 0.0 54.9 82.3#

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#10

Heptane

Concen: 1.884 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VL034696.D

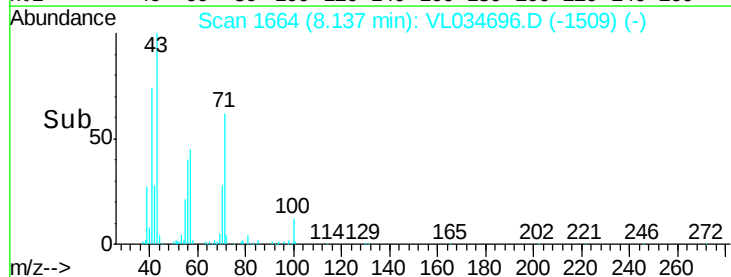
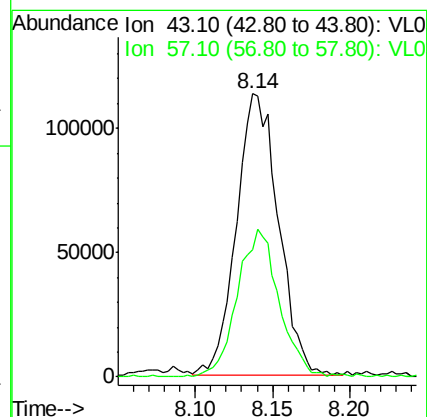
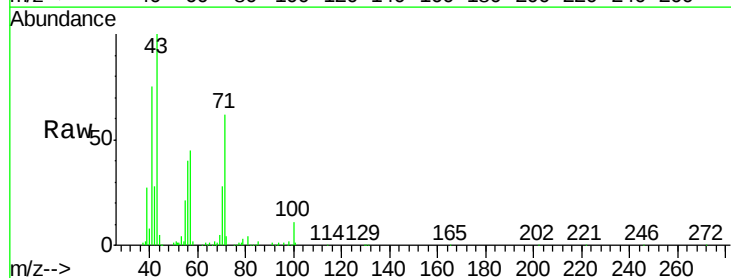
Acq: 26 Feb 2020 20:34

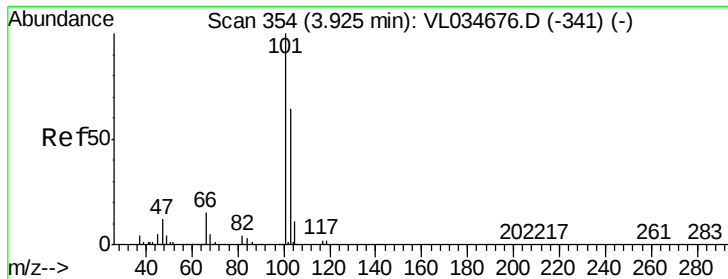
Tgt Ion: 43 Resp: 213635

Ion Ratio Lower Upper

43 100

57 52.8 41.0 61.6





#11
 Trichlorofluoromethane
 Concen: 0.292 ppbv m
 RT: 3.92 min Scan# 354
 Delta R.T. -0.00 min
 Lab File: VL034696.D
 Acq: 26 Feb 2020 20:34

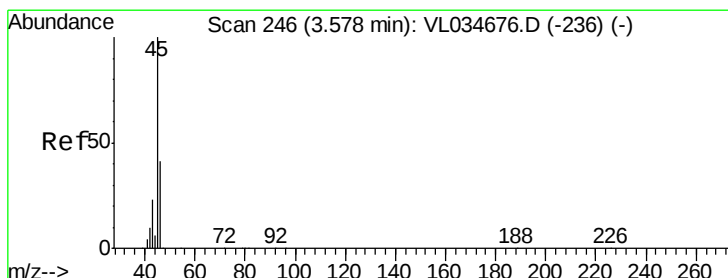
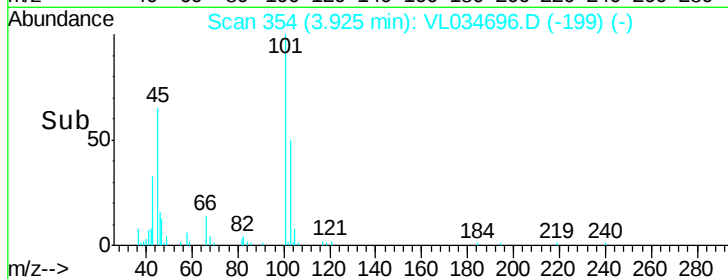
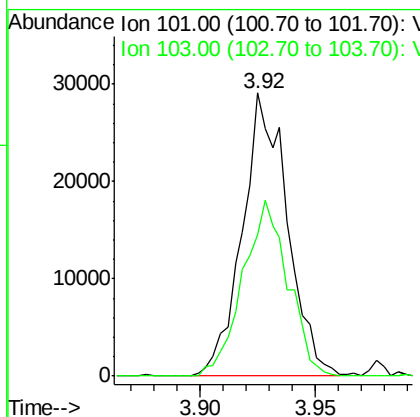
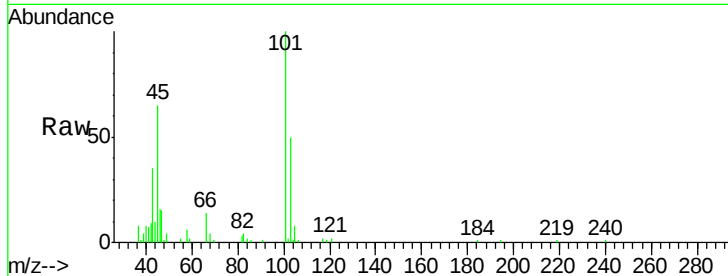
Instrument :
 MSVOA_L
 ClientSampleId :
 EP-104

Tot Ion: 101 Resp: 39464
 Ion Ratio Lower Upper
 101 100
 103 49.9 51.2 76.8#

Manual Integrations
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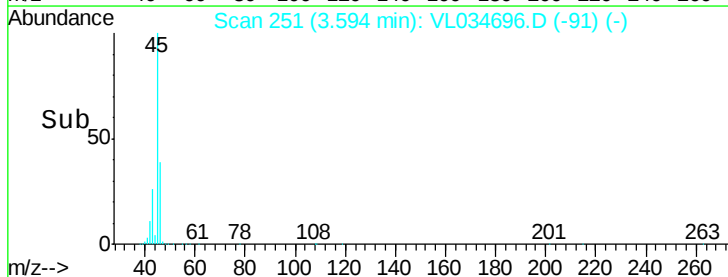
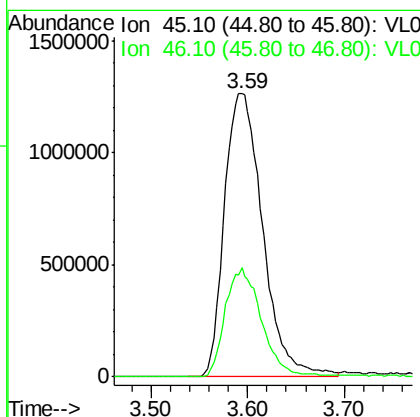
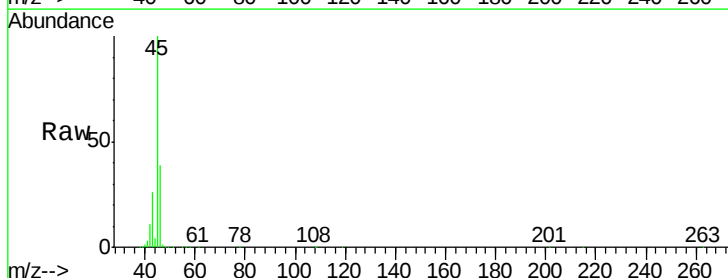
MMDadoda

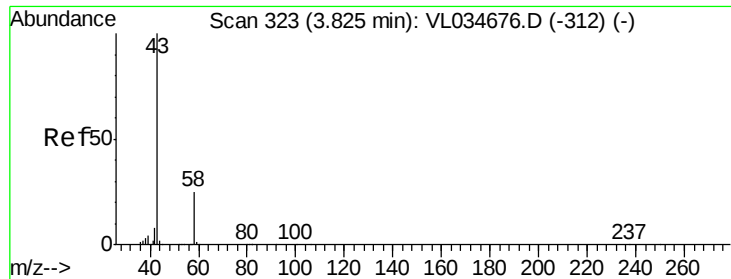
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#13
 Ethanol
 Concen: 249.659 ppbv
 RT: 3.59 min Scan# 251
 Delta R.T. 0.02 min
 Lab File: VL034696.D
 Acq: 26 Feb 2020 20:34

Tgt Ion: 45 Resp: 3475338
 Ion Ratio Lower Upper
 45 100
 46 36.9 15.4 61.4





#15

Acetone

Concen: 29.205 ppbv

RT: 3.82 min Scan# 322

Delta R.T. -0.00 min

Lab File: VL034696.D

Acq: 26 Feb 2020 20:34

Tot Ion: 43 Resp: 3250753

Ion Ratio Lower Upper

43 100

58 27.5 21.4 32.0

Instrument :

MSVOA_L

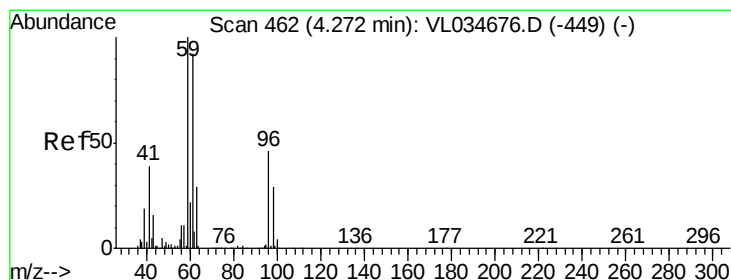
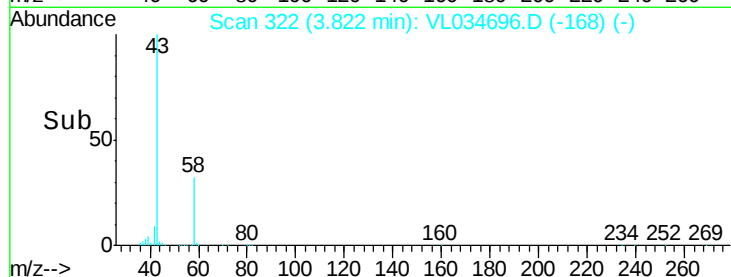
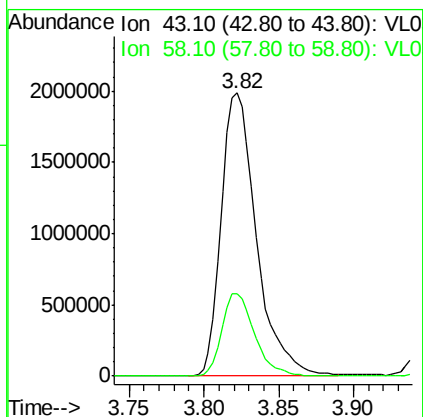
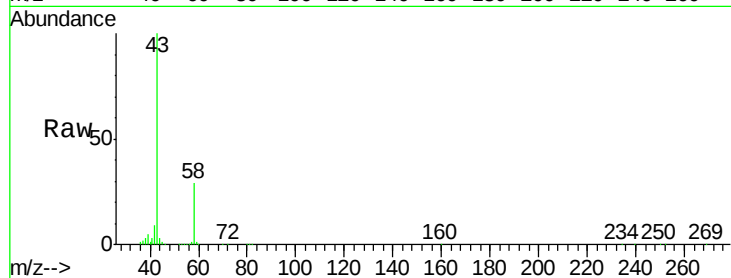
ClientSampleId :

EP-104

Manual Integrations
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#17

tert-Butyl alcohol

Concen: 8.593 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.02 min

Lab File: VL034696.D

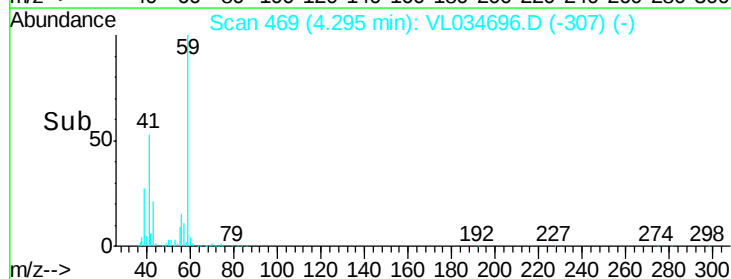
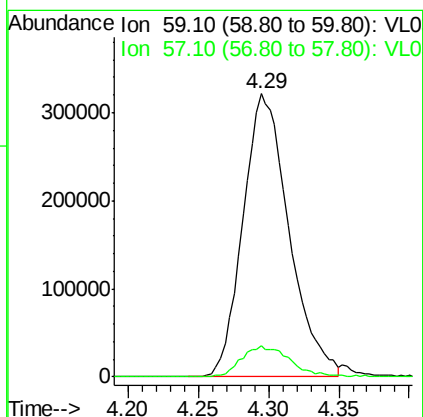
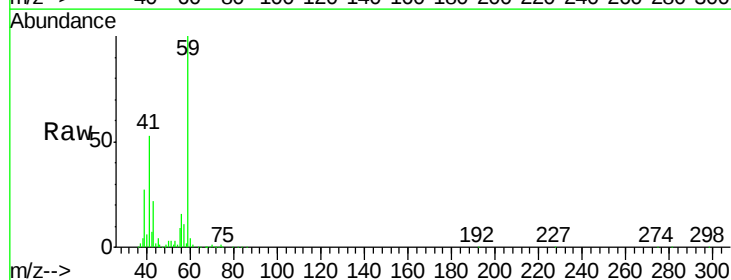
Acq: 26 Feb 2020 20:34

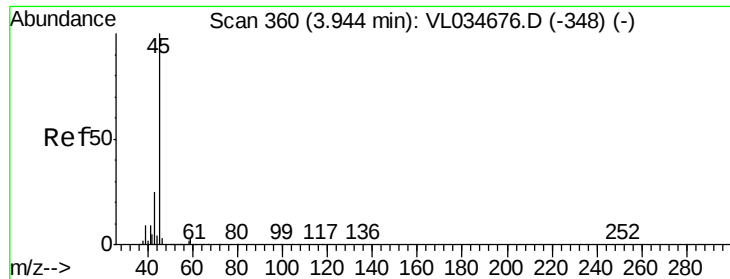
Tgt Ion: 59 Resp: 732959

Ion Ratio Lower Upper

59 100

57 11.6 8.8 13.2





#19

Isopropyl Alcohol
 Concen: 94.017 ppbv
 RT: 3.97 min Scan# 367
 Delta R.T. 0.02 min
 Lab File: VL034696.D
 Acq: 26 Feb 2020 20:34

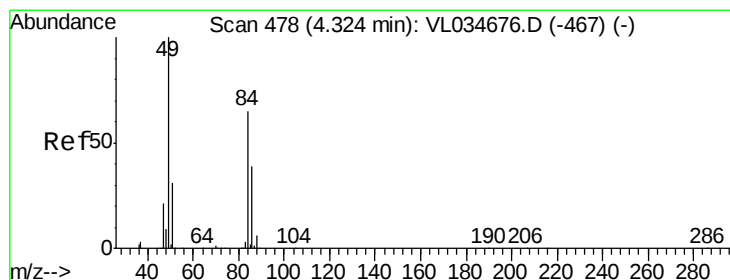
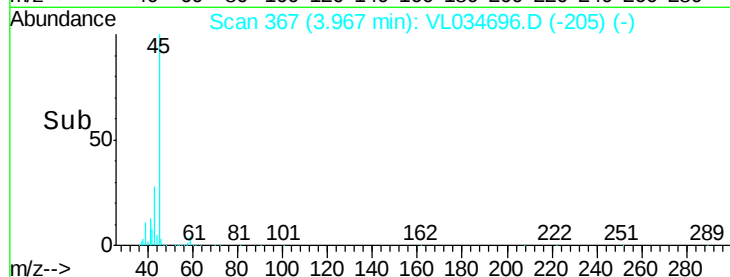
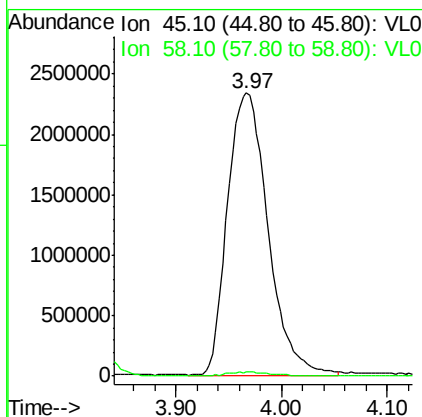
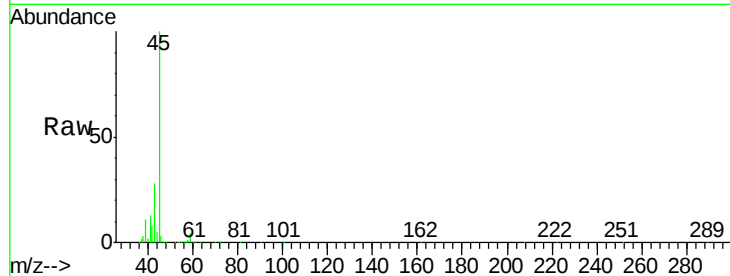
Instrument :
 MSVOA_L
 ClientSampled :
 EP-104

Tot Ion: 45 Resp: 6233299
 Ion Ratio Lower Upper
 45 100
 58 1.7 1.8 2.6#

Manual Integrations
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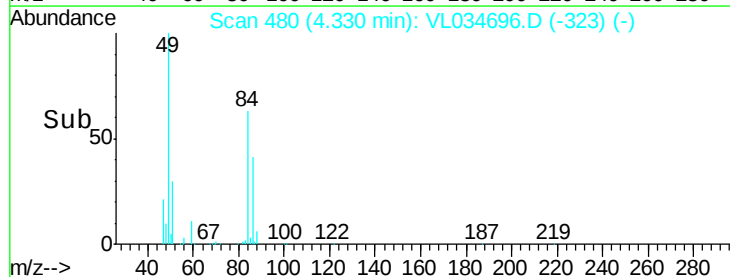
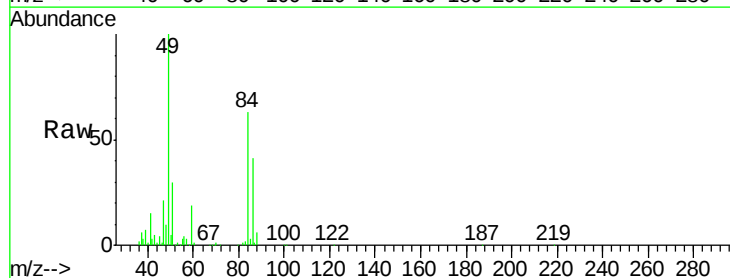
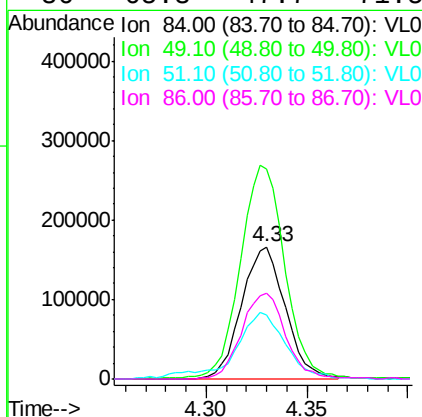
2/27/2020 5:20:03 PM

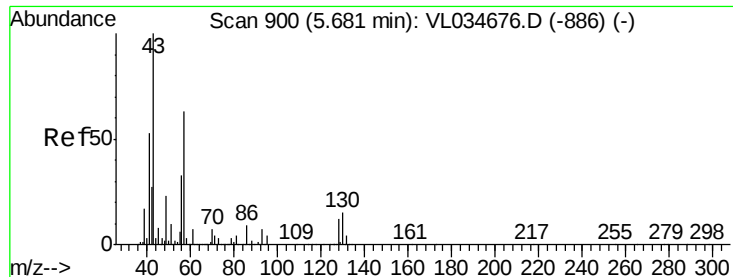


#20

Methylene Chloride
 Concen: 6.078 ppbv
 RT: 4.33 min Scan# 480
 Delta R.T. 0.01 min
 Lab File: VL034696.D
 Acq: 26 Feb 2020 20:34

Tgt Ion: 84 Resp: 251596
 Ion Ratio Lower Upper
 84 100
 49 157.6 122.8 184.2
 51 47.1 38.6 58.0
 86 65.3 47.7 71.5





#26
Hexane
Concen: 4.427 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

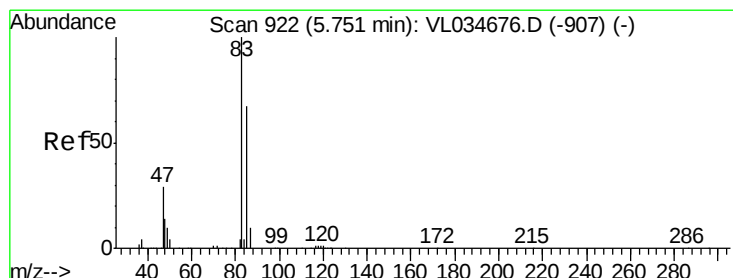
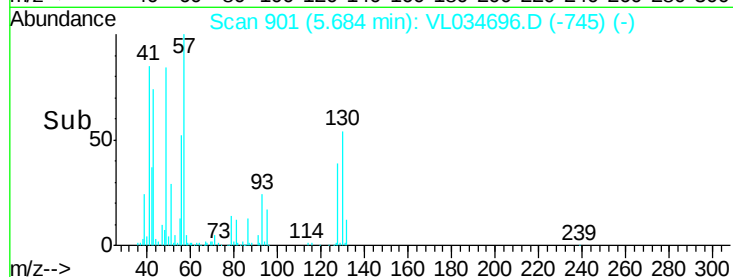
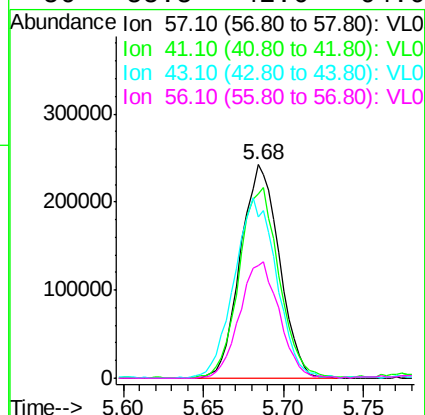
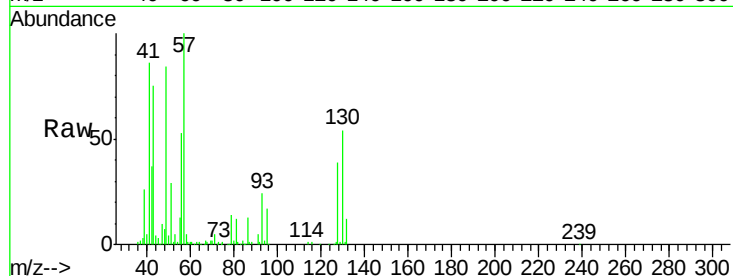
Instrument :
MSVOA_L
ClientSampled :
EP-104

Tot Ion	57	Resp	402015
Ion	Ratio	Lower	Upper
57	100		
41	92.0	70.3	105.5
43	92.7	177.0	265.4#
56	55.5	42.6	64.0

Manual Integrations
APPROVED

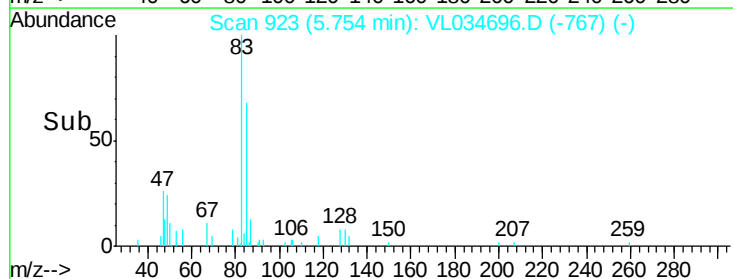
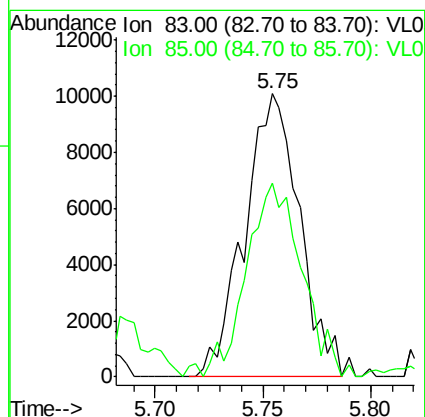
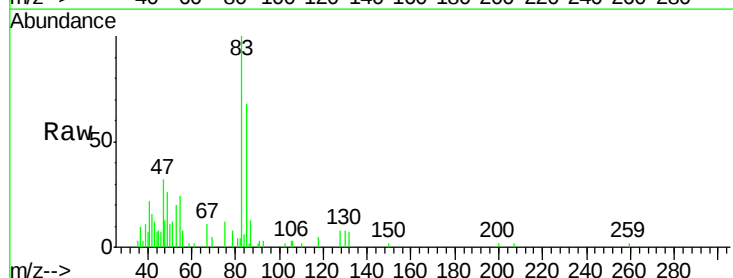
MM Dadoda

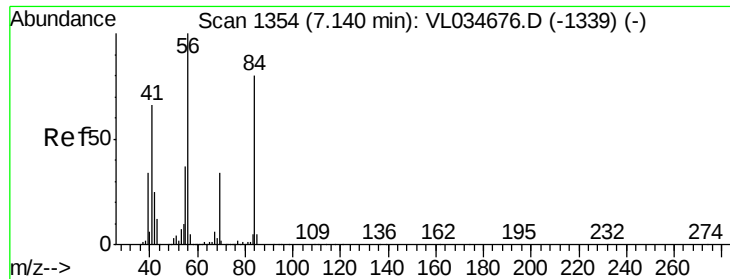
2/27/2020 5:20:03 PM



#29
Chloroform
Concen: 0.123 ppbv m
RT: 5.75 min Scan# 923
Delta R.T. 0.00 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

Tgt Ion	83	Resp	17855
Ion	Ratio	Lower	Upper
83	100		
85	68.3	53.9	80.9





#30
Cvclohexane
Concen: 1.133 ppbv m
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

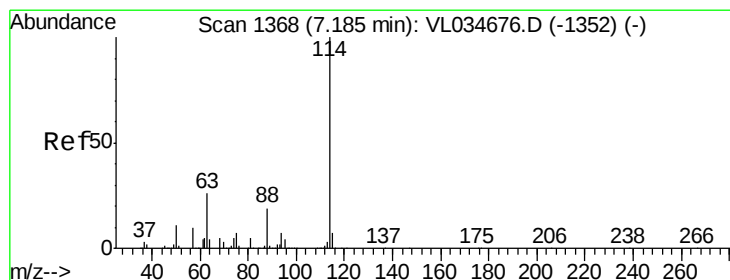
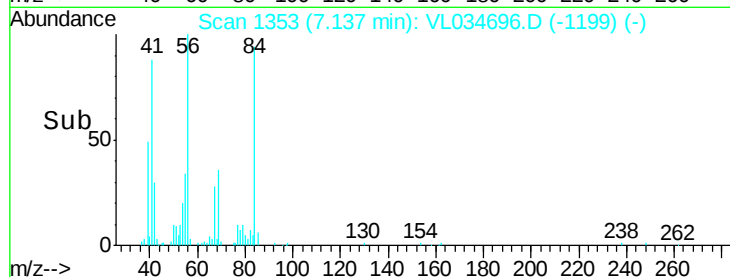
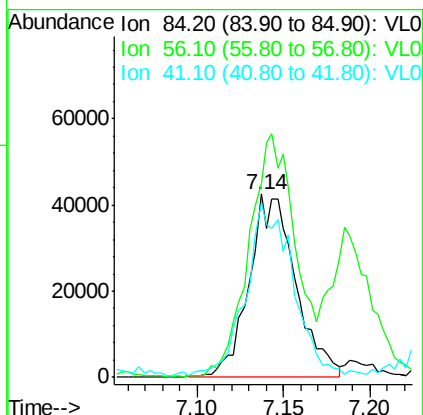
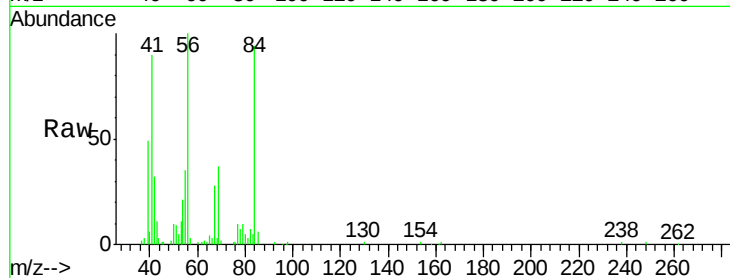
Instrument :
MSVOA_L
ClientSampleId :
EP-104

Tot Ion	Ratio	Lower	Upper
84	100		
56	127.7	113.4	170.2
41	0.0	68.2	102.4#

Manual Integrations
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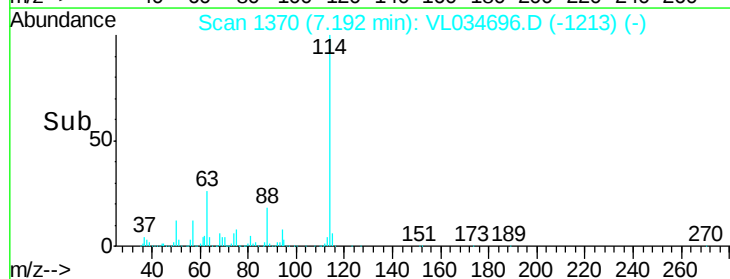
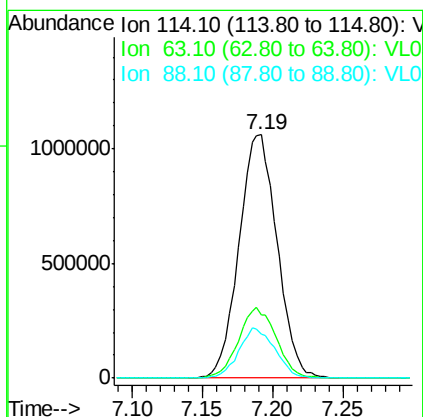
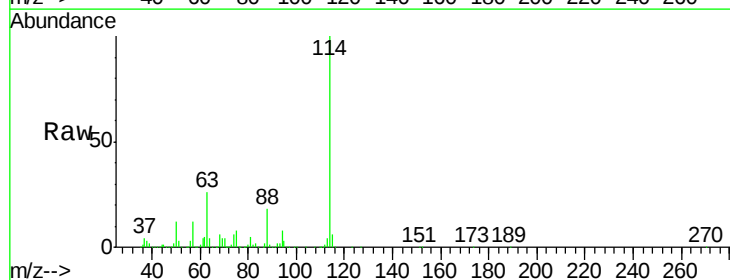
MMDadoda

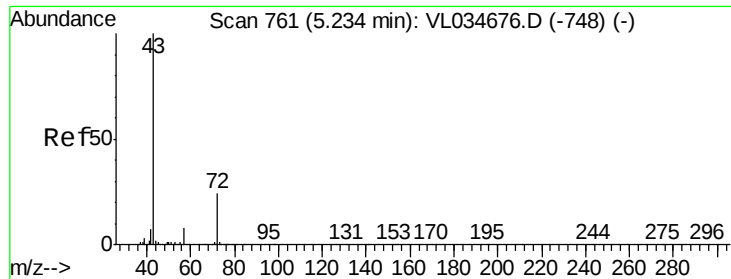
2/27/2020 5:20:03 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.8	22.9	34.3
88	19.7	15.8	23.6





#34
2-Butanone
Concen: 3.381 ppbv
RT: 5.24 min Scan# 762
Delta R.T. 0.00 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

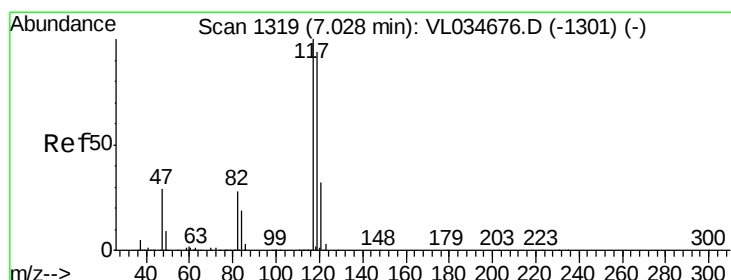
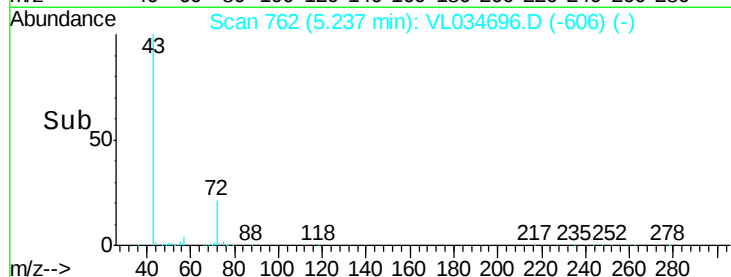
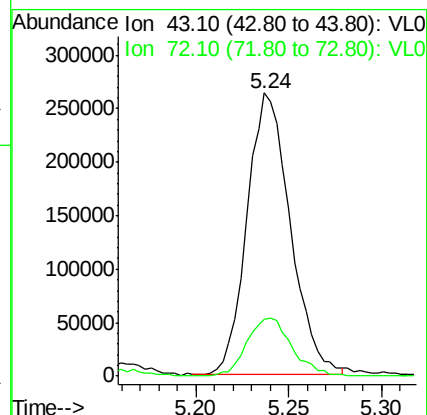
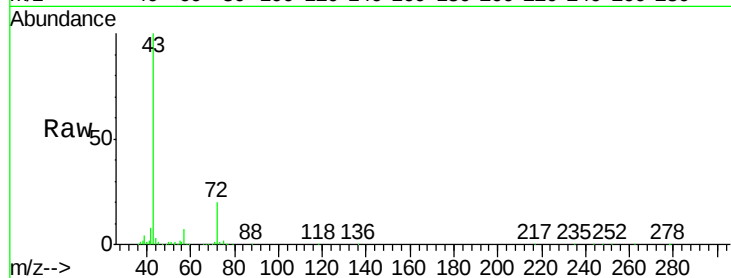
Instrument :
MSVOA_L
ClientSampleId :
EP-104

Tot Ion	Ratio	Lower	Upper
43	100		
72	21.8	18.2	27.2

Manual Integrations
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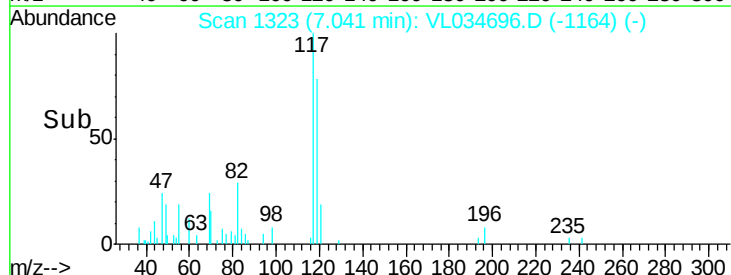
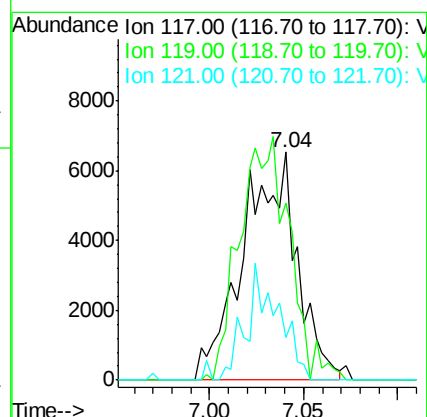
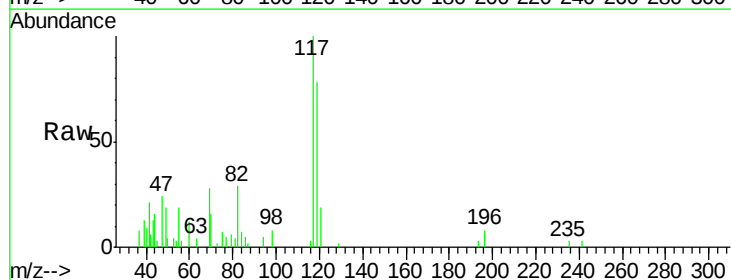
MM Dadoda

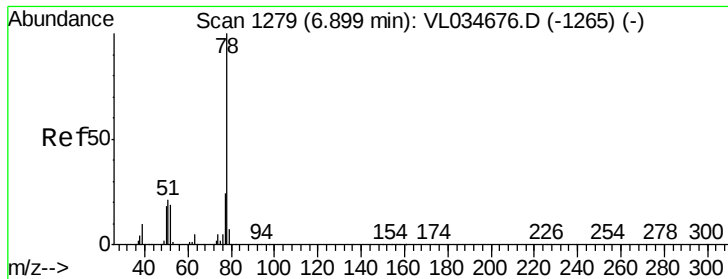
2/27/2020 5:20:03 PM



#35
Carbon Tetrachloride
Concen: 0.096 ppbv m
RT: 7.04 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	77.7	75.5	113.3
121	18.7	25.4	38.0





#36
Benzene
Concen: 1.507 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

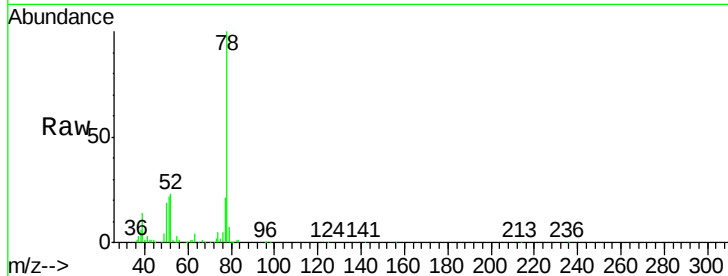
Instrument :
MSVOA_L
ClientSampleId :
EP-104

Tot Ion	Ratio	Lower	Upper
78	100		
77	20.7	19.5	29.3
50	19.3	14.6	21.8

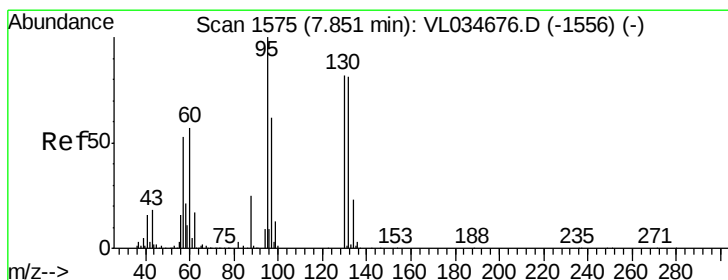
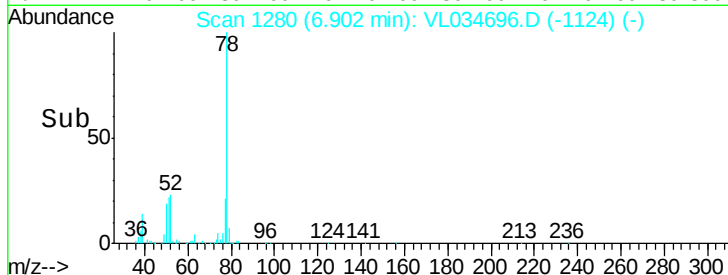
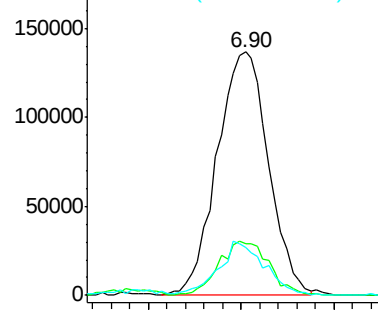
Manual Integrations
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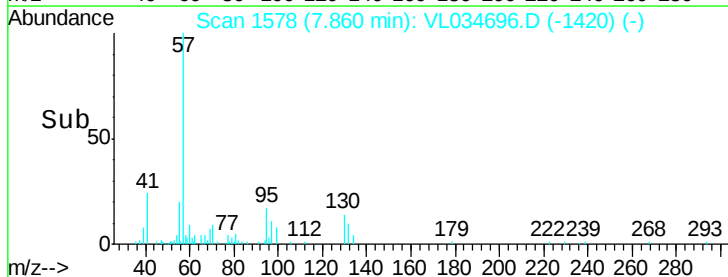
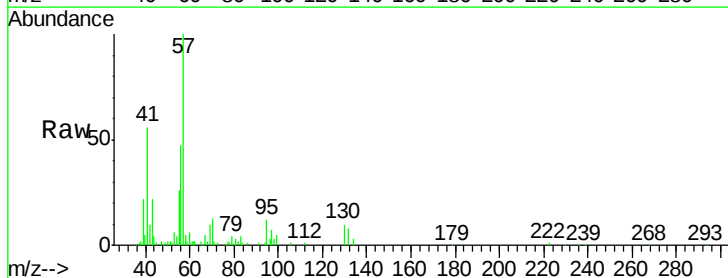
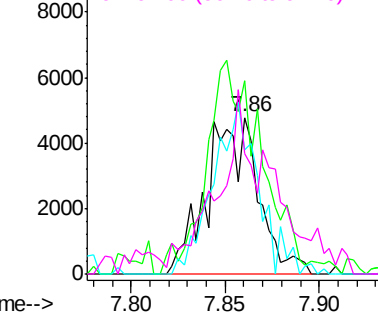
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0

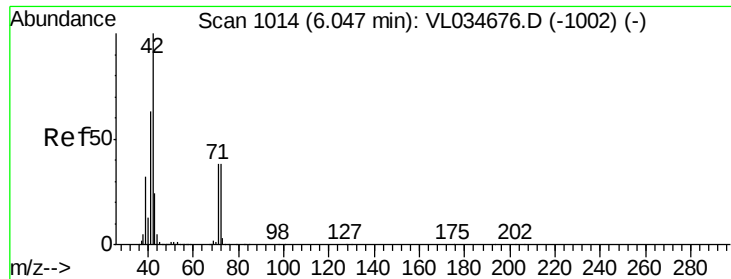


#38
Trichloroethene
Concen: 0.135 ppbv m
RT: 7.86 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	123.8	97.1	145.7
132	79.6	78.3	117.5
97	77.3	60.1	90.1

Abundance Ion 130.00 (129.70 to 130.70): V
Ion 95.00 (94.70 to 95.70): VL0
Ion 132.00 (131.70 to 132.70): V
Ion 97.00 (96.70 to 97.70): VL0





#41

Tetrahydrofuran

Concen: 2.659 ppbv

RT: 6.05 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VL034696.D

Acq: 26 Feb 2020 20:34

Instrument :

MSVOA_L

ClientSampled :

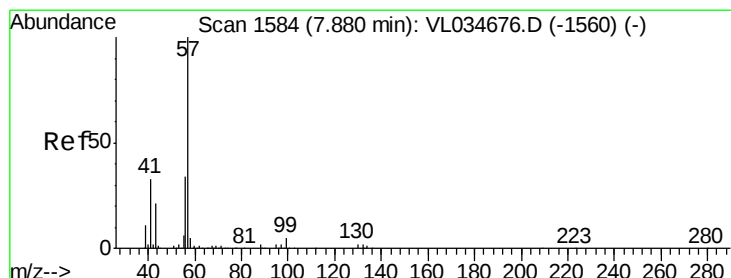
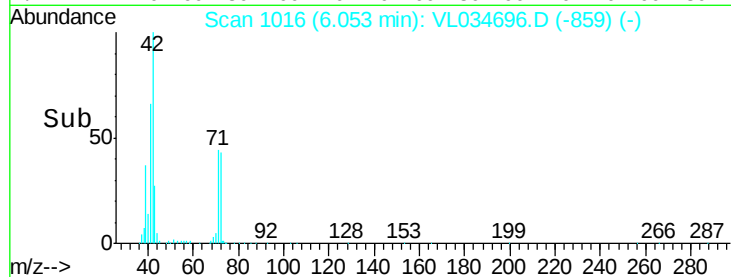
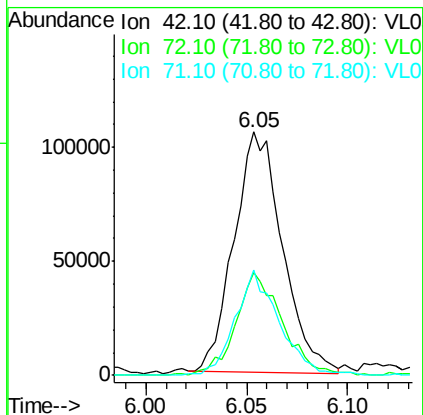
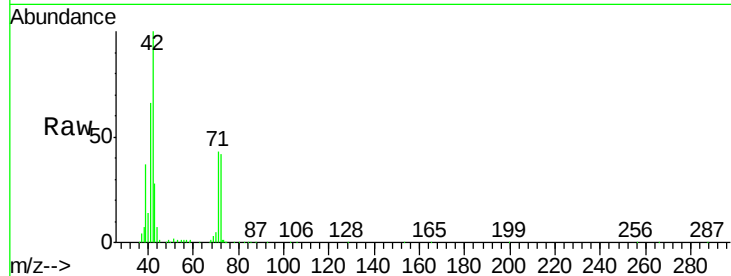
EP-104

Tot Ion:	42	Resp:	177640
Ion	Ratio	Lower	Upper
42	100		
72	41.3	31.7	47.5
71	39.8	30.7	46.1

Manual Integrations
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2/27/2020 5:20:03 PM



#44

2,2,4-Trimethylpentane

Concen: 1.495 ppbv

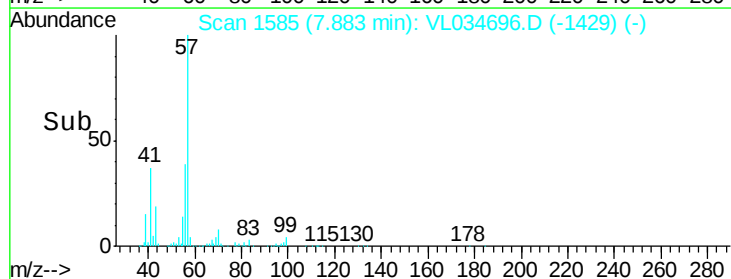
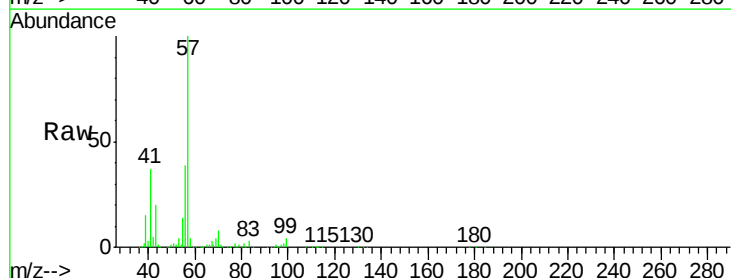
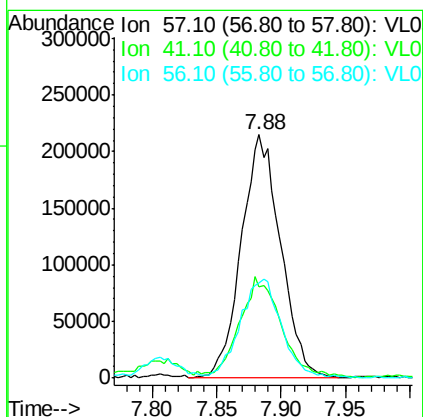
RT: 7.88 min Scan# 1585

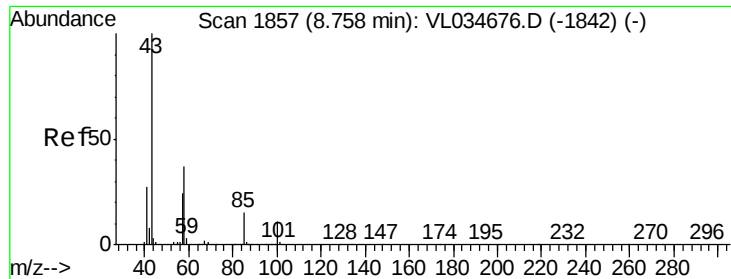
Delta R.T. 0.00 min

Lab File: VL034696.D

Acq: 26 Feb 2020 20:34

Tgt Ion:	57	Resp:	453744
Ion	Ratio	Lower	Upper
57	100		
41	43.9	26.0	39.0#
56	43.7	25.6	38.4#





#50
4-Methyl-2-Pentanone
Concen: 0.708 ppbv
RT: 8.76 min Scan# 1859
Delta R.T. 0.01 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

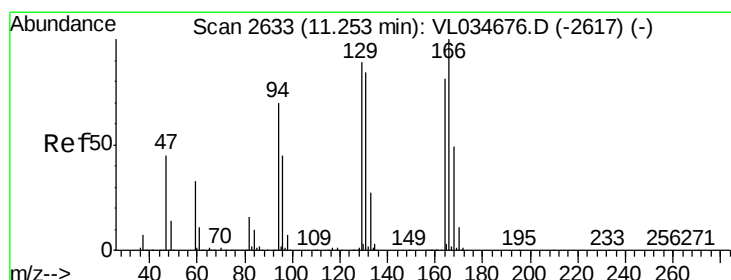
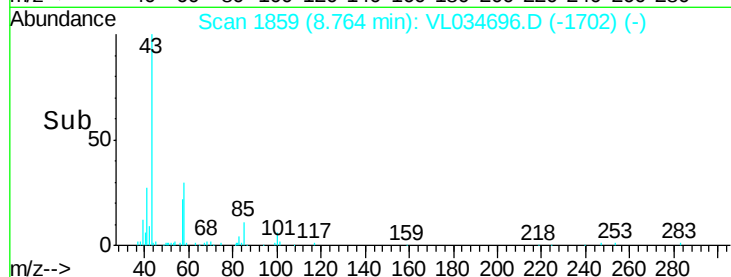
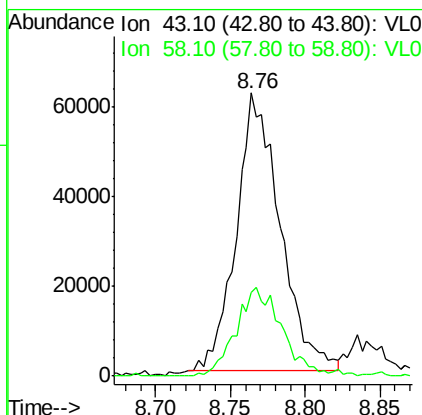
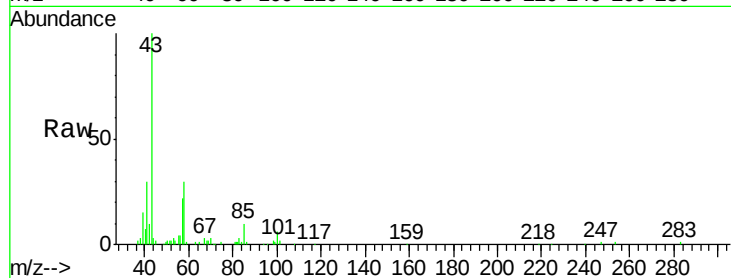
Instrument :
MSVOA_L
ClientSampleId :
EP-104

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.6	29.0	43.6

Manual Integrations
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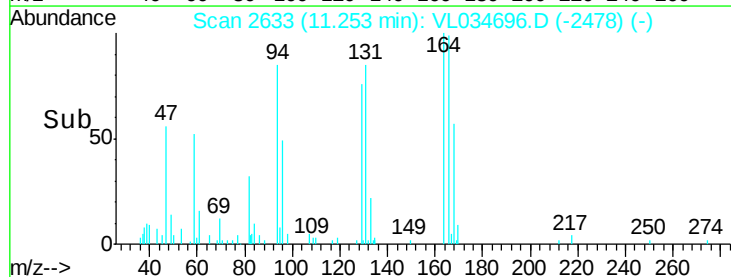
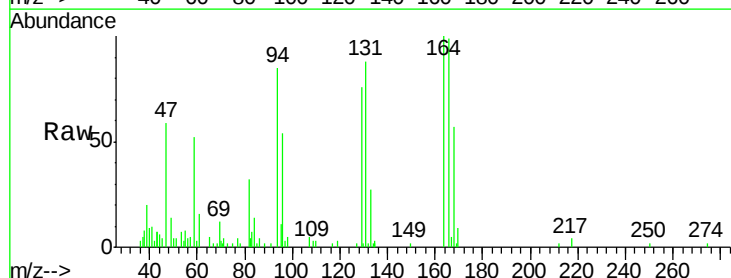
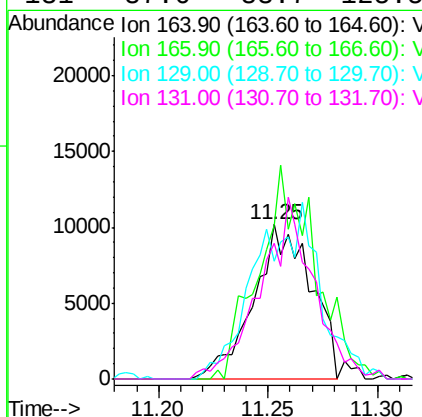
MM Dadoda

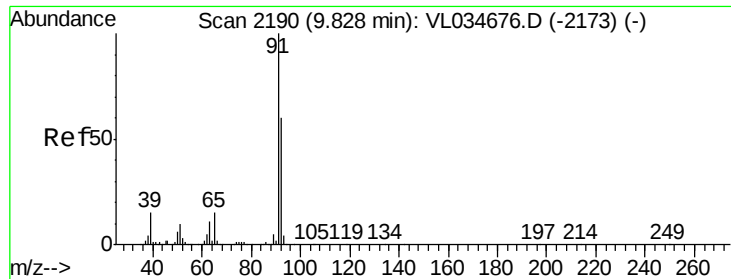
2/27/2020 5:20:03 PM



#52
Tetrachloroethene
Concen: 0.292 ppbv m
RT: 11.25 min Scan# 2633
Delta R.T. -0.00 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	99.0	99.2	148.8#
129	75.9	88.0	132.0#
131	87.6	83.7	125.5





#53

Toluene

Concen: 11.384 ppbv

RT: 9.83 min Scan# 2192

Delta R.T. 0.01 min

Lab File: VL034696.D

Acq: 26 Feb 2020 20:34

Instrument :

MSVOA_L

ClientSampled :

EP-104

Tot Ion: 91 Resp: 2103004

Ion Ratio Lower Upper

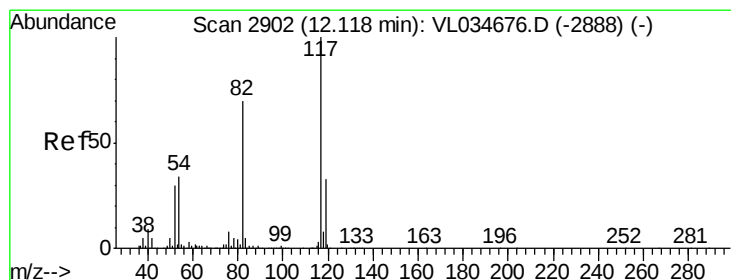
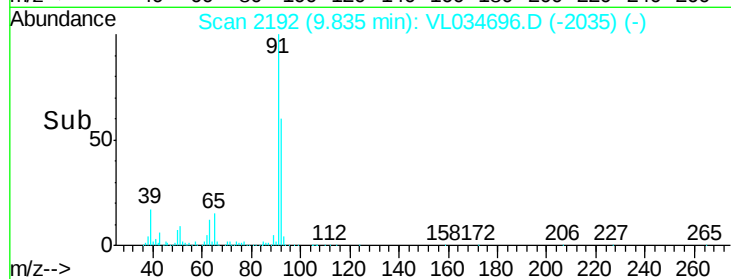
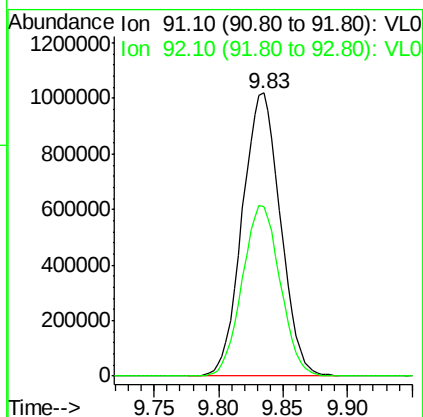
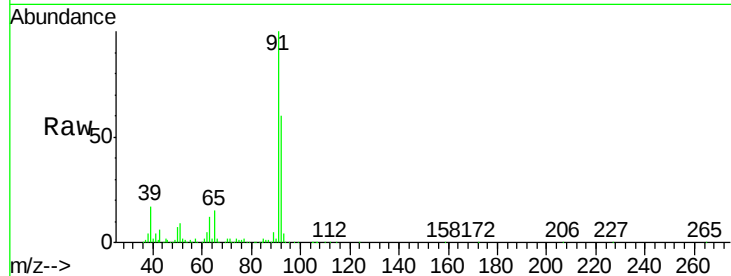
91 100

92 60.2 48.5 72.7

Manual Integrations
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2/27/2020 5:20:03 PM



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2904

Delta R.T. 0.01 min

Lab File: VL034696.D

Acq: 26 Feb 2020 20:34

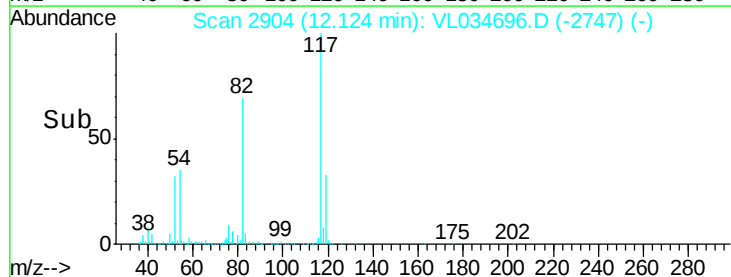
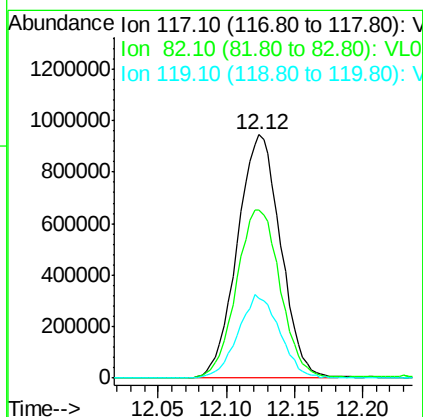
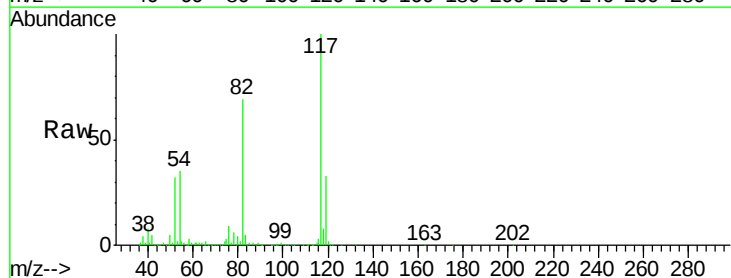
Tgt Ion: 117 Resp: 2082483

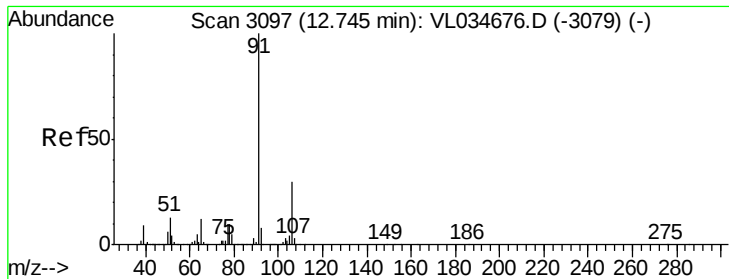
Ion Ratio Lower Upper

117 100

82 70.2 54.1 81.1

119 32.9 27.6 41.4





#58

Ethyl Benzene

Concen: 2.056 ppbv

RT: 12.75 min Scan# 3098

Delta R.T. 0.00 min

Lab File: VL034696.D

Acq: 26 Feb 2020 20:34

Instrument :

MSVOA_L

ClientSampled :

EP-104

Tot Ion: 91 Resp: 518088

Ion Ratio Lower Upper

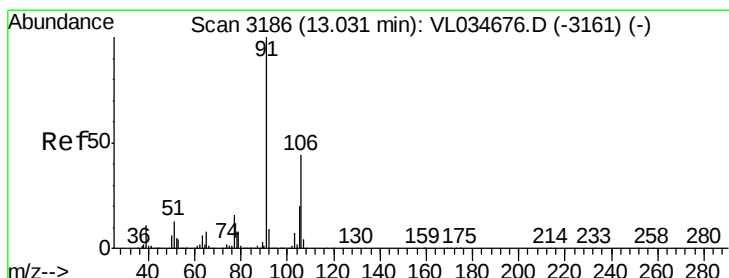
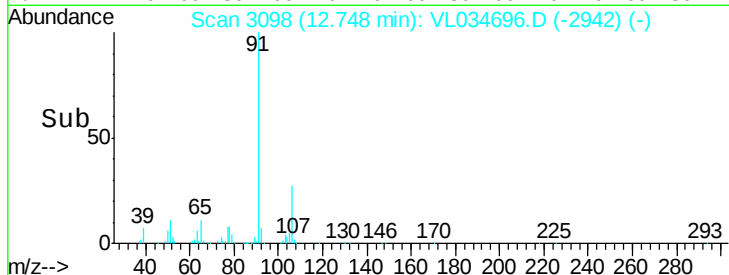
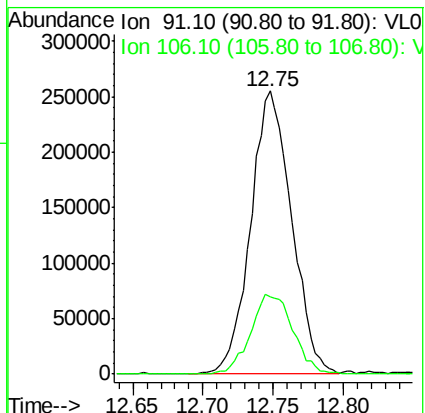
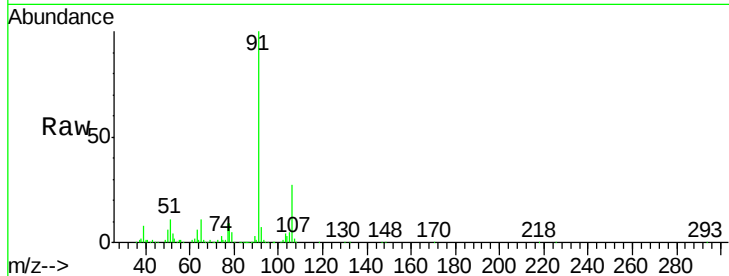
91 100

106 27.3 24.0 36.0

Manual Integrations
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2/27/2020 5:20:03 PM



#59

m/p-Xylene

Concen: 7.116 ppbv

RT: 13.00 min Scan# 3178

Delta R.T. -0.03 min

Lab File: VL034696.D

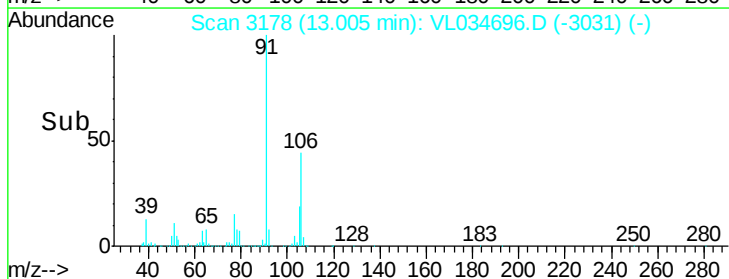
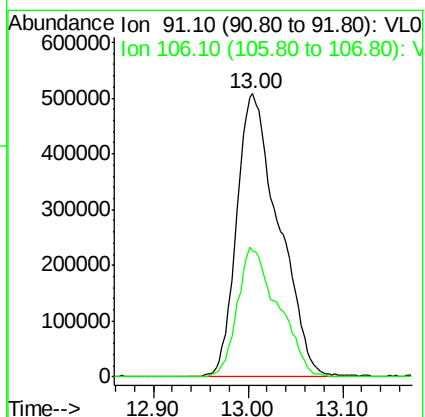
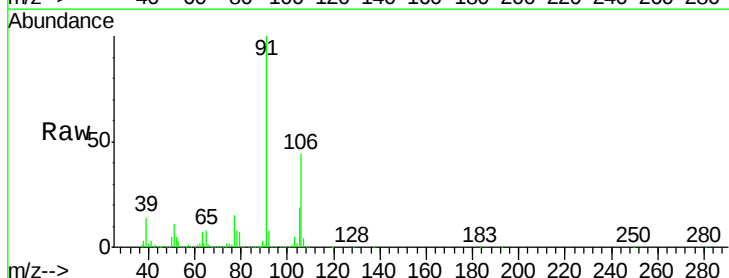
Acq: 26 Feb 2020 20:34

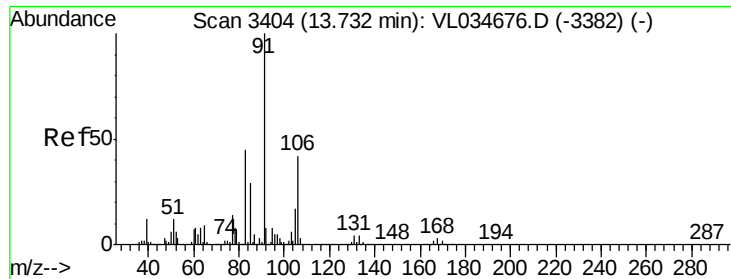
Tgt Ion: 91 Resp: 1563751

Ion Ratio Lower Upper

91 100

106 44.6 35.6 53.4





#60
o-Xylene
Concen: 2.690 ppbv
RT: 13.73 min Scan# 3405
Delta R.T. 0.00 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

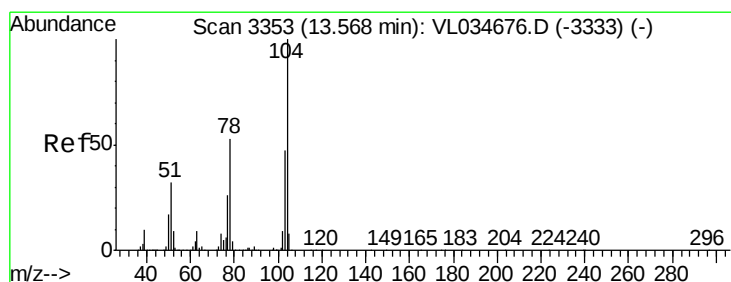
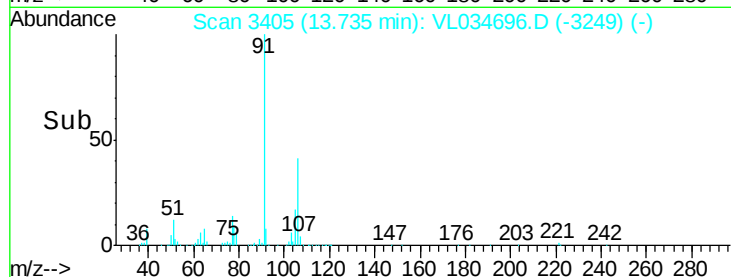
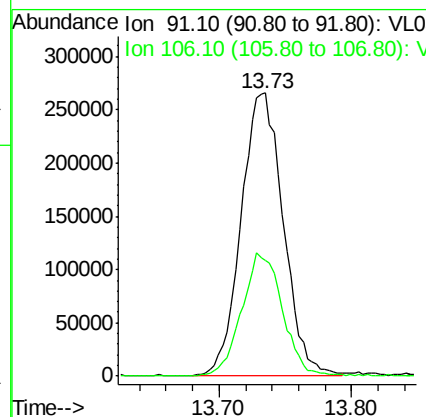
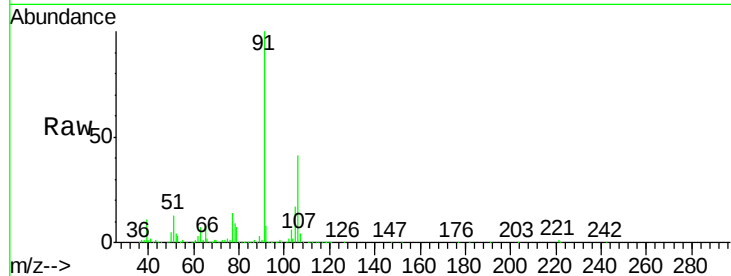
Instrument :
MSVOA_L
ClientSampled :
EP-104

Tot Ion	Ratio	Lower	Upper
91	100		
106	42.3	21.9	65.5

Manual Integrations
APPROVED

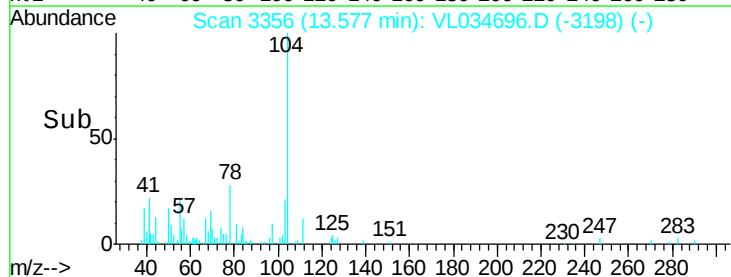
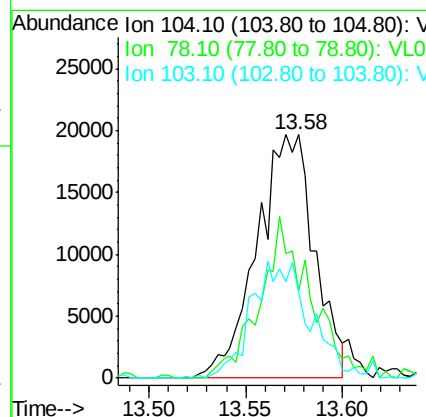
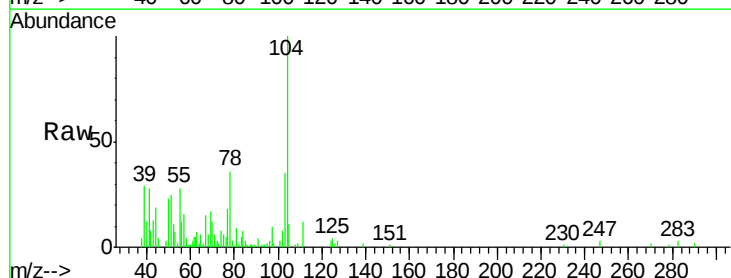
MM Dadoda

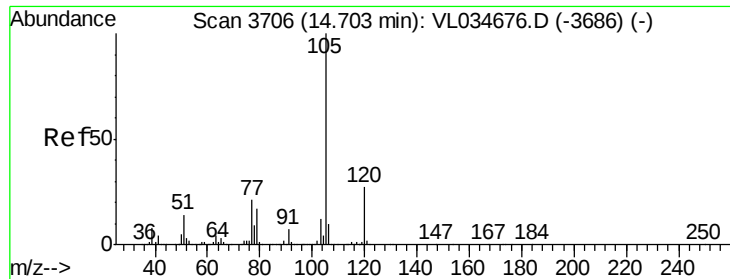
2/27/2020 5:20:03 PM



#61
Styrene
Concen: 0.290 ppbv
RT: 13.58 min Scan# 3356
Delta R.T. 0.01 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	60.1	44.2	66.4
103	49.1	37.4	56.0





#62

Isopropylbenzene

Concen: 0.099 ppbv m

RT: 14.71 min Scan# 3709

Delta R.T. 0.01 min

Lab File: VL034696.D

Acq: 26 Feb 2020 20:34

Instrument :

MSVOA_L

ClientSampleId :

EP-104

Tot Ion:105 Resp: 31553

Ion Ratio Lower Upper

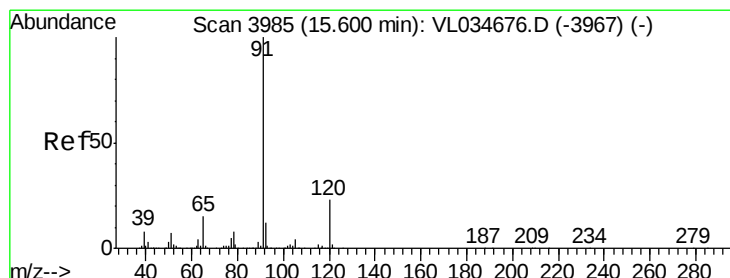
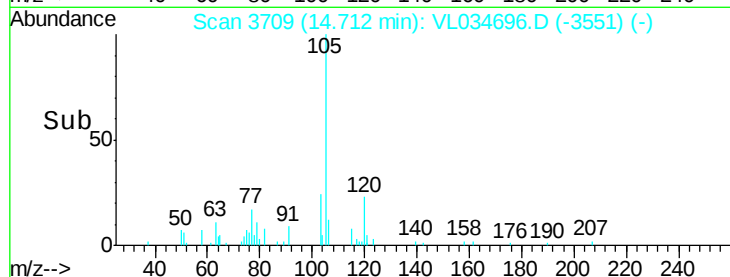
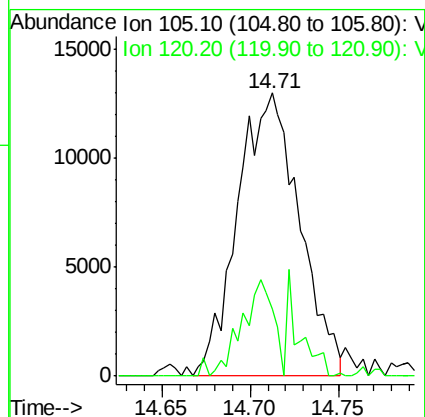
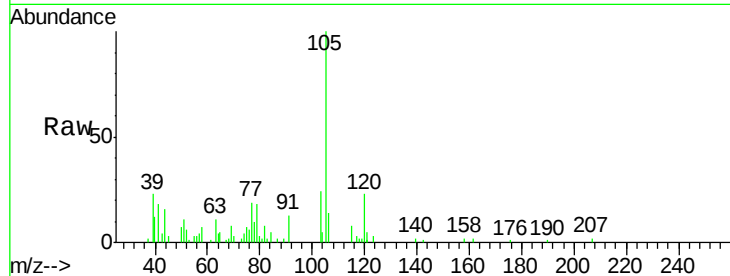
105 100

120 26.1 20.2 30.4

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#64

n-propylbenzene

Concen: 0.353 ppbv m

RT: 15.62 min Scan# 3990

Delta R.T. 0.02 min

Lab File: VL034696.D

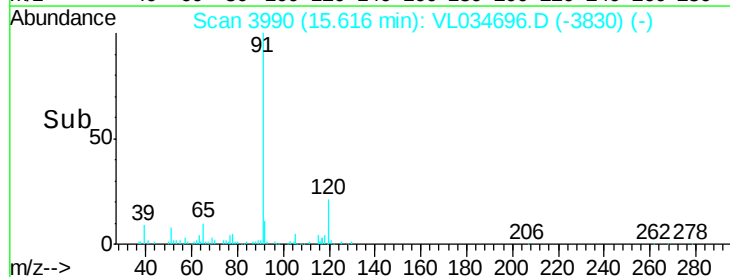
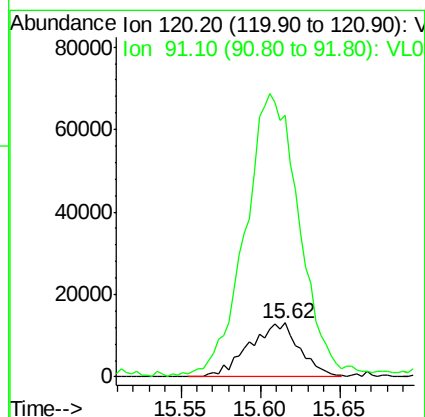
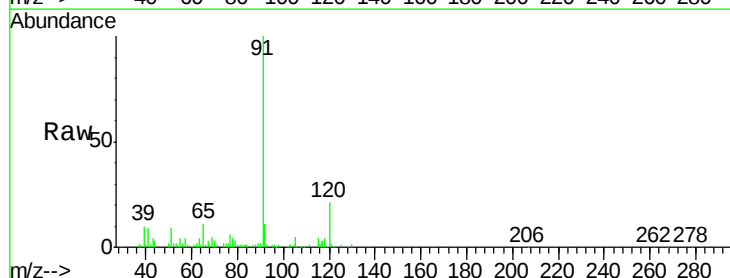
Acq: 26 Feb 2020 20:34

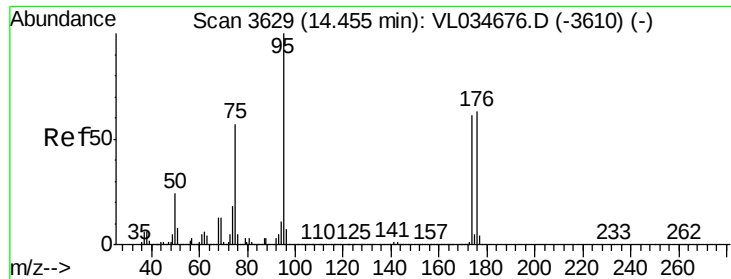
Tgt Ion:120 Resp: 28931

Ion Ratio Lower Upper

120 100

91 565.8 369.8 554.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.983 ppbv
 RT: 14.46 min Scan# 3631
 Delta R.T. 0.01 min
 Lab File: VL034696.D
 Acq: 26 Feb 2020 20:34

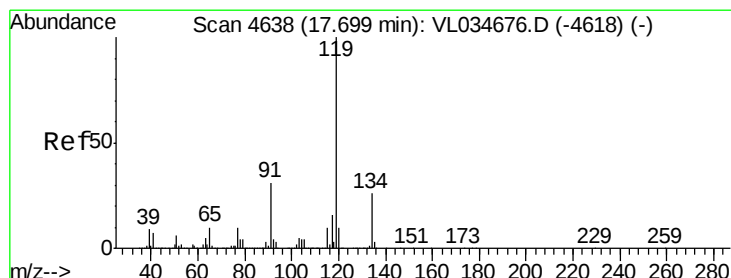
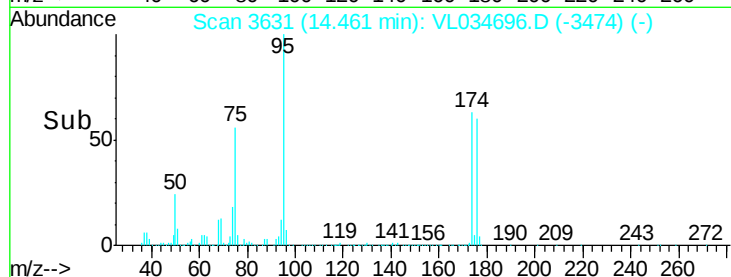
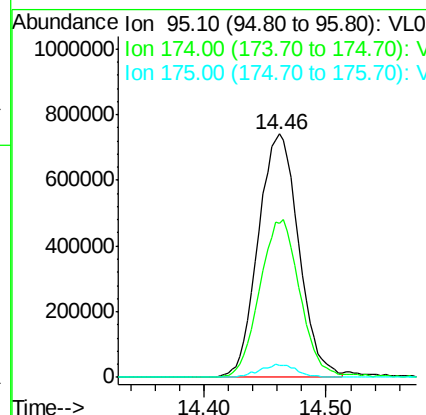
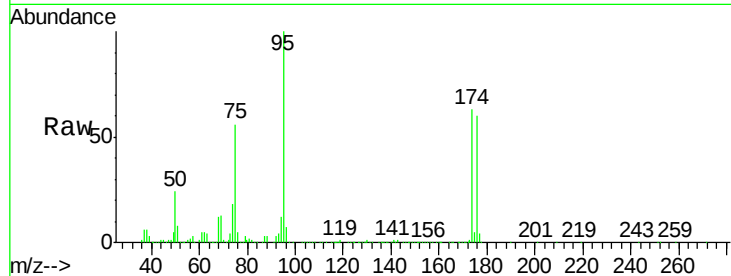
Instrument :
 MSVOA_L
 ClientSampled :
 EP-104

Tot Ion: 95 Resp: 1704736
 Ion Ratio Lower Upper
 95 100
 174 65.4 50.7 76.1
 175 4.8 3.9 5.9

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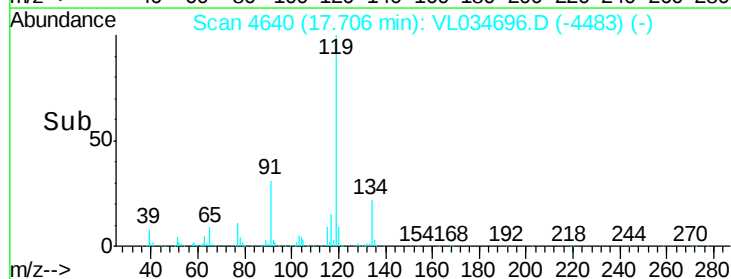
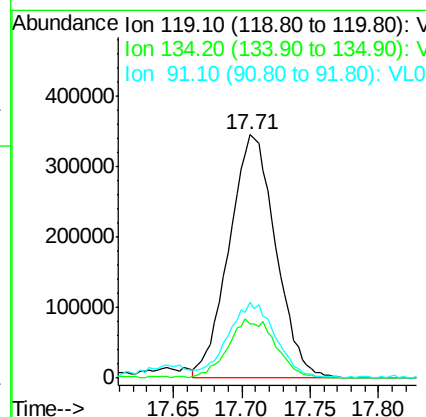
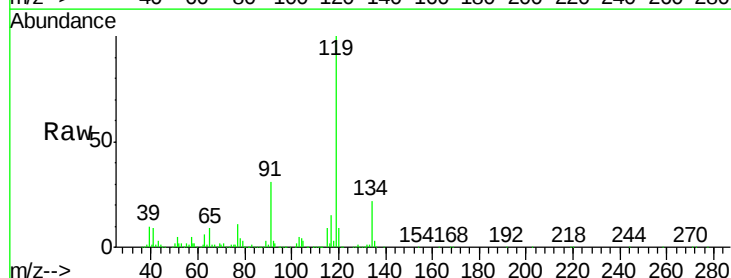
MMDadoda

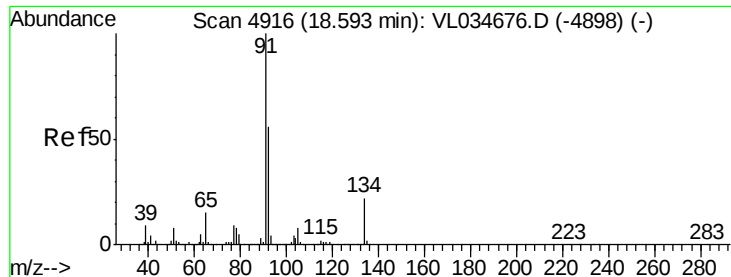
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#69
 p-Isopropyltoluene
 Concen: 2.502 ppbv
 RT: 17.71 min Scan# 4640
 Delta R.T. 0.01 min
 Lab File: VL034696.D
 Acq: 26 Feb 2020 20:34

Tgt Ion: 119 Resp: 814123
 Ion Ratio Lower Upper
 119 100
 134 25.2 20.6 31.0
 91 31.8 25.3 37.9





#70
n-Butylbenzene
Concen: 0.186 ppbv m
RT: 18.62 min Scan# 4923
Delta R.T. 0.02 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

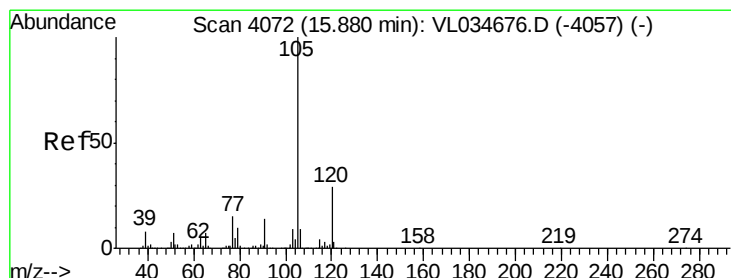
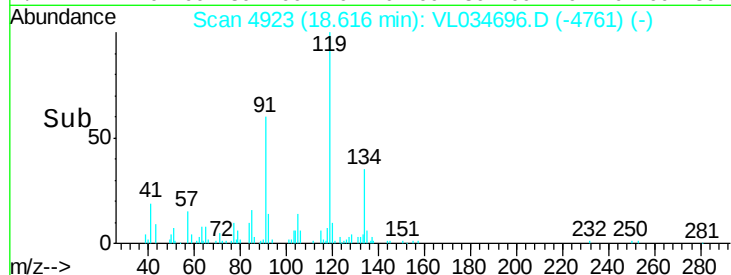
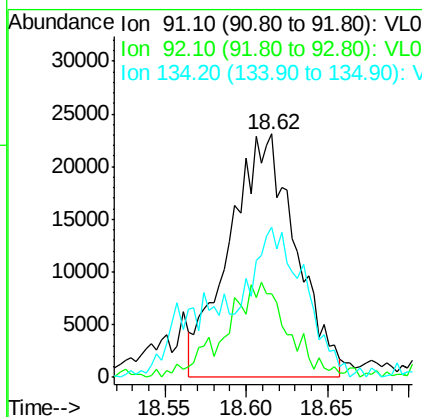
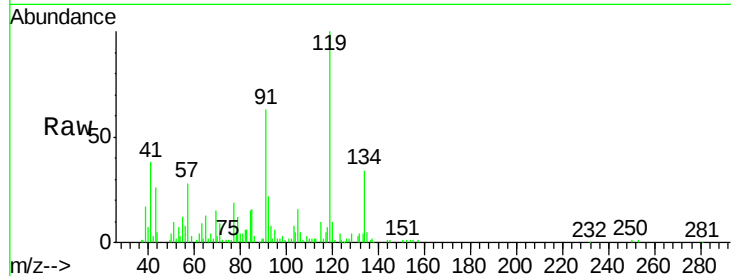
Instrument :
MSVOA_L
ClientSampled :
EP-104

Tot Ion	Ratio	Lower	Upper
91	100		
92	37.1	43.8	65.6#
134	21.0	17.6	26.4

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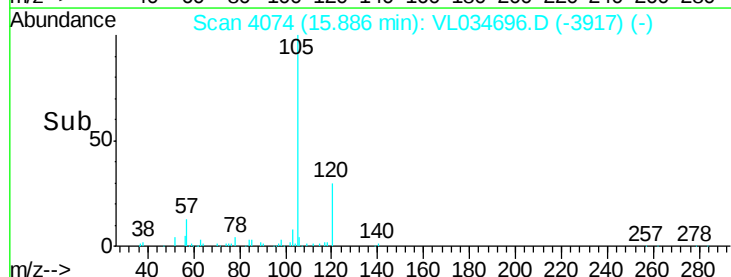
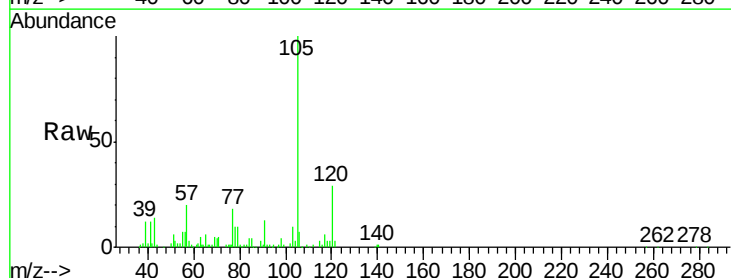
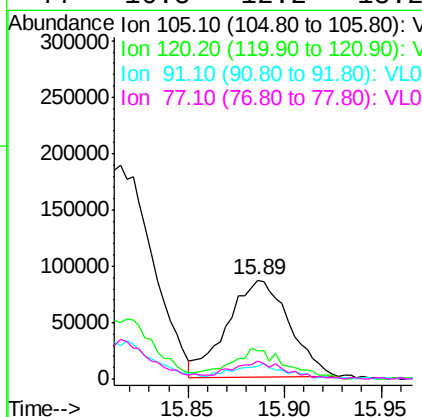
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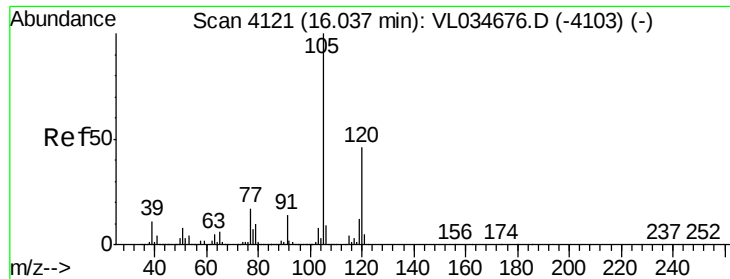
2/27/2020 5:20:03 PM



#72
4-Ethyltoluene
Concen: 0.782 ppbv
RT: 15.89 min Scan# 4074
Delta R.T. 0.01 min
Lab File: VL034696.D
Acq: 26 Feb 2020 20:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.0	23.7	35.5
91	13.4	10.9	16.3
77	16.5	12.2	18.2





#73
 1,3,5-Trimethylbenzene
 Concen: 0.739 ppbv m
 RT: 16.04 min Scan# 4122
 Delta R.T. 0.00 min
 Lab File: VL034696.D
 Acq: 26 Feb 2020 20:34

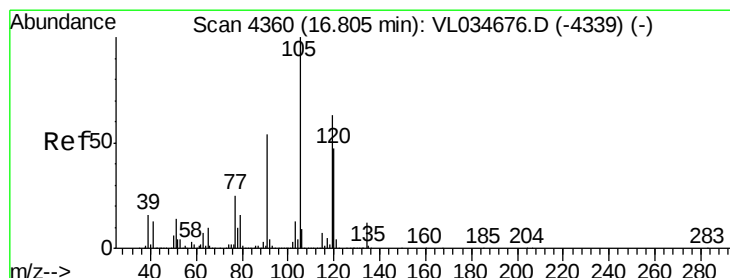
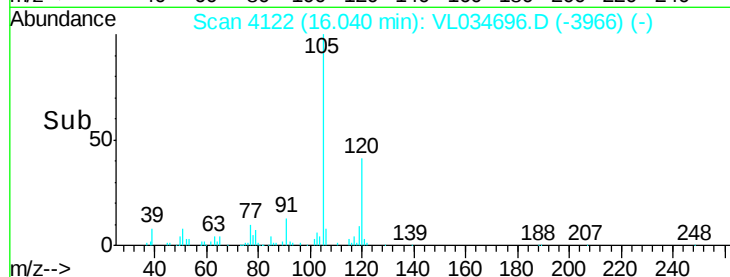
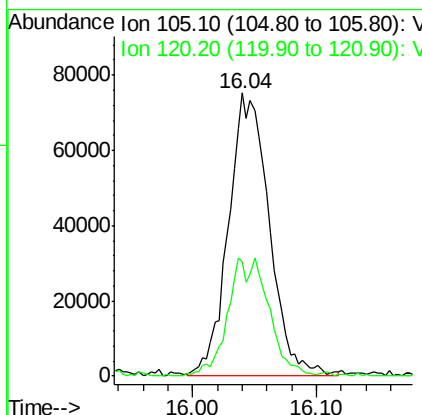
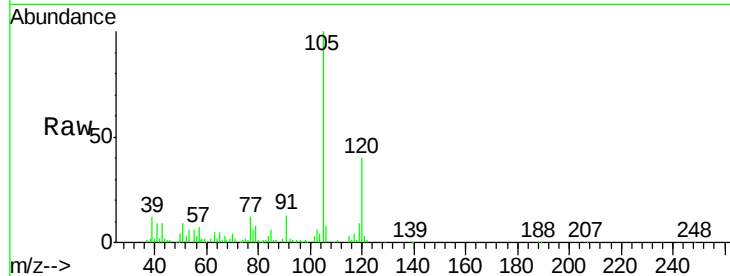
Instrument :
 MSVOA_L
 ClientSampleId :
 EP-104

Tot Ion:105 Resp: 172537
 Ion Ratio Lower Upper
 105 100
 120 40.5 37.1 55.7

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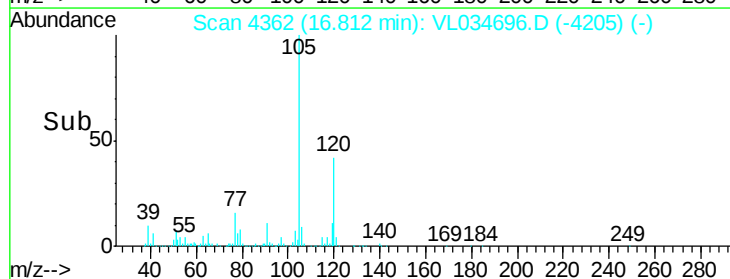
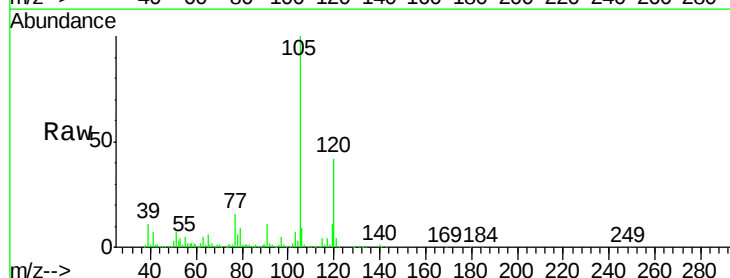
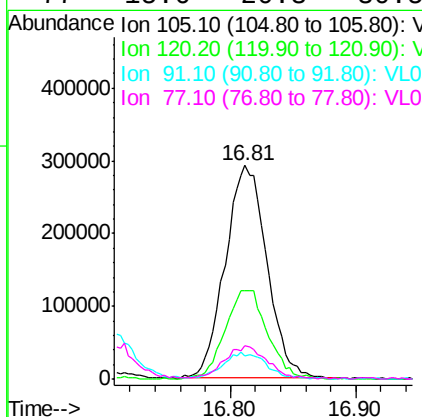
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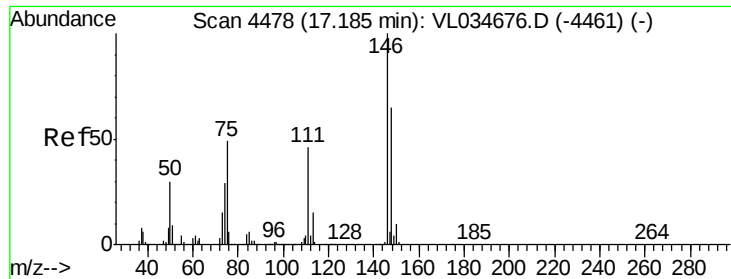
2/27/2020 5:20:03 PM



#74
 1,2,4-Trimethylbenzene
 Concen: 2.611 ppbv
 RT: 16.81 min Scan# 4362
 Delta R.T. 0.01 min
 Lab File: VL034696.D
 Acq: 26 Feb 2020 20:34

Tgt Ion:105 Resp: 673242
 Ion Ratio Lower Upper
 105 100
 120 41.2 37.9 56.9
 91 10.6 43.9 65.9#
 77 15.6 20.3 30.5#





#76

1,4-Dichlorobenzene

Concen: 0.336 ppbv m

RT: 17.19 min Scan# 4479

Delta R.T. 0.00 min

Lab File: VL034696.D

Acq: 26 Feb 2020 20:34

Instrument :

MSVOA_L

ClientSampled :

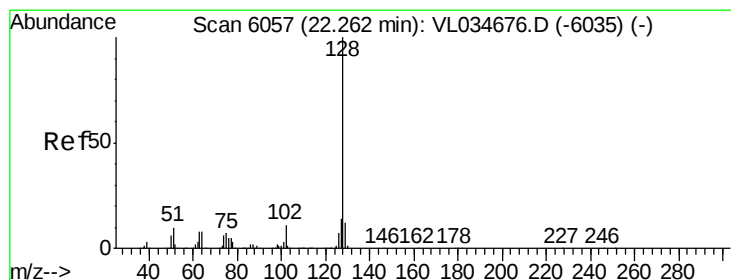
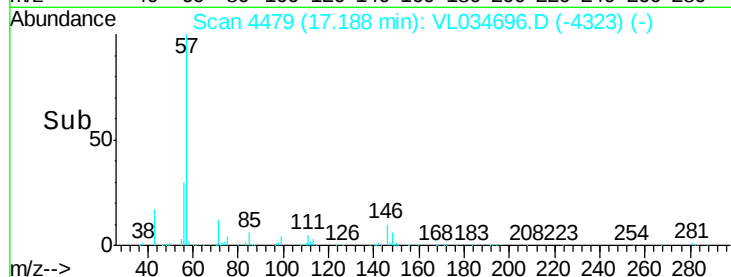
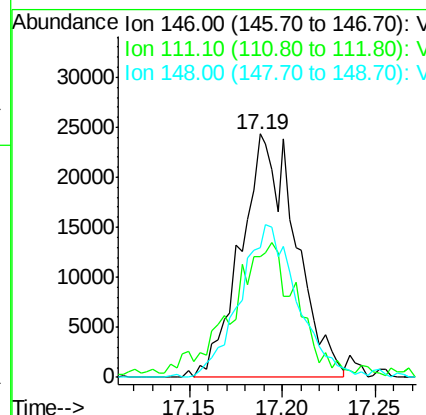
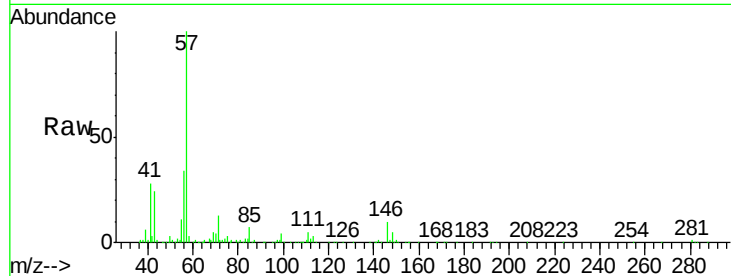
EP-104

Tot Ion:	146	Resp:	49999
Ion	Ratio	Lower	Upper
146	100		
111	69.7	23.4	70.0
148	66.6	31.9	95.5

Manual Integrations
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#79

Naphthalene

Concen: 0.431 ppbv m

RT: 22.28 min Scan# 6062

Delta R.T. 0.02 min

Lab File: VL034696.D

Acq: 26 Feb 2020 20:34

Tgt Ion:	128	Resp:	97733
Ion	Ratio	Lower	Upper
128	100		
127	15.3	11.0	16.6
129	21.0	9.4	14.2#

