

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034807.D
 Acq On : 5 Mar 2020 22:26
 Operator : SY/AP
 Sample : L1698-06 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-4

Manual Integrations
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 3/9/2020 9:19:24 AM

Quant Time: Mar 06 12:37:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 04 06:36:39 2020
 Response via : Initial Calibration

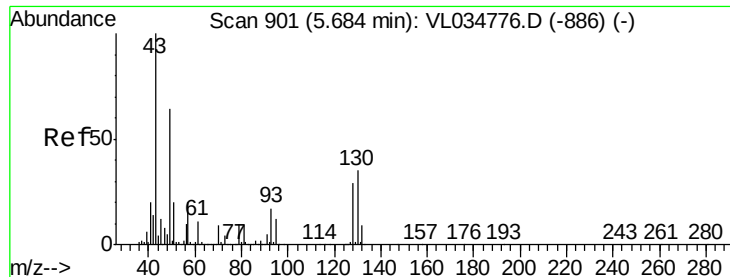
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	457221	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1186910	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.21	117	815602	10.00	ppbv	0.07

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.54	95	1502662	22.10	ppbv	0.06
Spiked Amount	10.000	Range	65 - 135	Recovery	=	221.00%#

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.21	62	8828696	297.863	ppbv #	38
9) Propene	2.96	41	3106536	151.512	ppbv	100
10) Heptane	8.21	43	11151838m	214.014	ppbv	
11) Trichlorofluoromethane	3.92	101	72551m	1.087	ppbv	
13) Ethanol	3.57	45	74300	10.576	ppbv	99
15) Acetone	3.83	43	2926833m	53.456	ppbv	
17) tert-Butyl alcohol	4.29	59	2646959	61.311	ppbv	96
18) 1,1-Dichloroethene	4.27	96	47294	2.328	ppbv	98
19) Isopropyl Alcohol	3.95	45	1720917	52.458	ppbv #	1
20) Methylene Chloride	4.32	84	1215485	62.201	ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	1361825	68.663	ppbv	96
24) 1,1-Dichloroethane	5.01	63	509709	8.945	ppbv	98
26) Hexane	5.71	57	9127552	220.826	ppbv #	42
27) Carbon Disulfide	4.54	76	3858132	79.900	ppbv	97
30) Cyclohexane	7.17	84	3422687	108.238	ppbv #	70
31) cis-1,2-Dichloroethene	5.56	61	12488285	294.573	ppbv #	55
34) 2-Butanone	5.25	43	2886234	37.378	ppbv	98
36) Benzene	6.93	78	14770067	145.629	ppbv #	47
38) Trichloroethene	7.88	130	971020	24.565	ppbv	94
39) 1,2-Dichloropropane	7.65	63	190553	4.656	ppbv #	1
41) Tetrahydrofuran	6.06	42	147319	3.739	ppbv	99
44) 2,2,4-Trimethylpentane	7.95	57	16676168	94.089	ppbv #	86
52) Tetrachloroethene	11.37	164	323951	8.645	ppbv	96
53) Toluene	9.95	91	14528385	135.346	ppbv	93
58) Ethyl Benzene	12.89	91	26428851	262.946	ppbv #	50
59) m/p-Xylene	13.22	91	41621041	478.370	ppbv #	50
60) o-Xylene	13.89	91	22341261	253.789	ppbv #	62
61) Styrene	13.68	104	43719	0.801	ppbv #	26
62) Isopropylbenzene	14.79	105	1216032	9.386	ppbv	99
64) n-propylbenzene	15.66	120	394745	12.151	ppbv	93
65) tert-Butylbenzene	16.86	119	281540	2.571	ppbv #	87
67) sec-Butylbenzene	17.38	105	252385	1.582	ppbv	99
71) 2-Chlorotoluene	15.56	91	769970	7.868	ppbv	92
72) 4-Ethyltoluene	15.94	105	2033389	20.746	ppbv	96
73) 1,3,5-Trimethylbenzene	16.10	105	1785622	18.993	ppbv	92
74) 1,2,4-Trimethylbenzene	16.86	105	2165262	21.186	ppbv #	69

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.01 min

Lab File: VL034807.D

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Instrument :

MSVOA_L

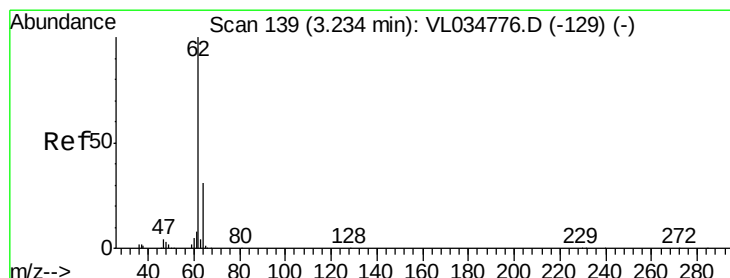
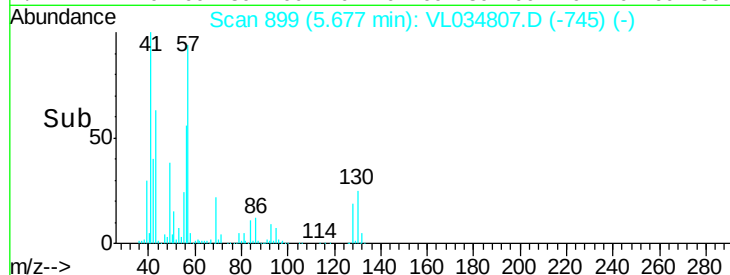
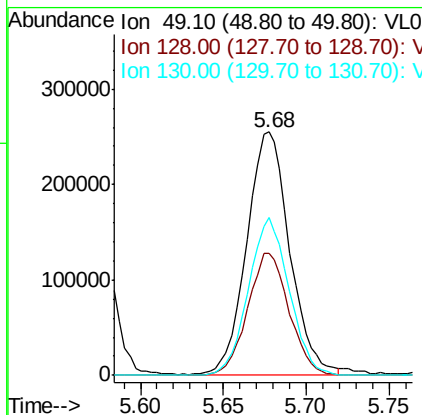
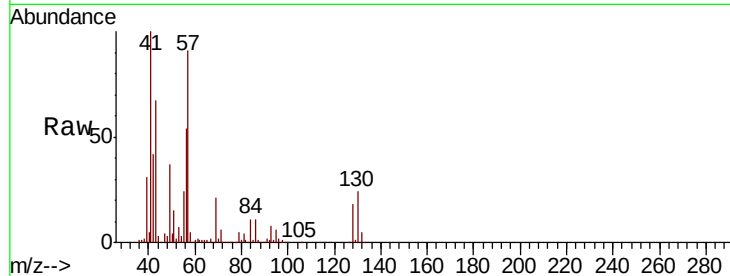
ClientSampleId :

SS-3-4

Tot Ion:	49	Resp:	457221
Ion	Ratio	Lower	Upper
49	100		
128	48.6	21.6	64.6
130	61.7	27.4	82.2

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#5

Vinyl Chloride

Concen: 297.863 ppbv

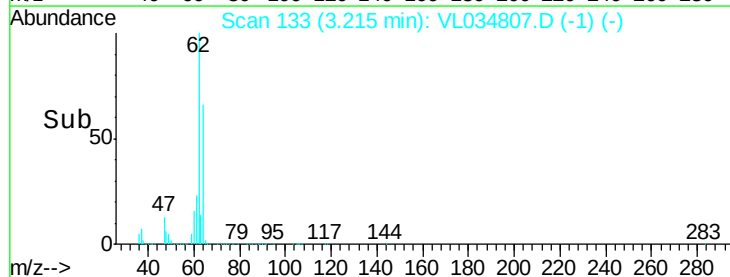
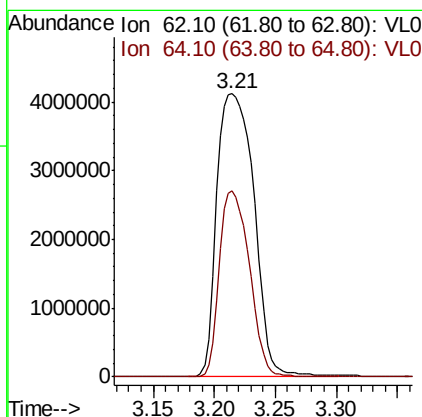
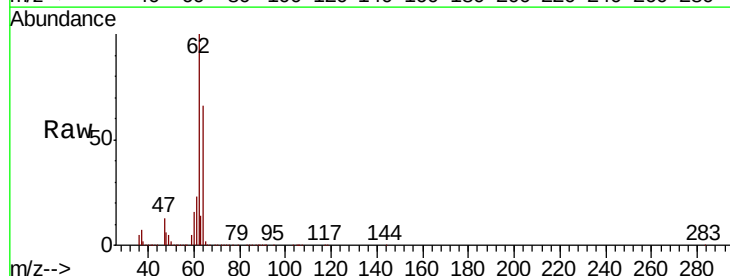
RT: 3.21 min Scan# 133

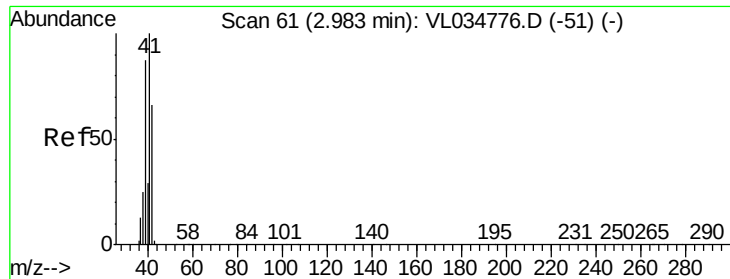
Delta R.T. -0.02 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Tgt Ion:	62	Resp:	8828696
Ion	Ratio	Lower	Upper
62	100		
64	65.9	25.1	37.7#





#9

Propene

Concen: 151.512 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.02 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Instrument :

MSVOA_L

ClientSampled :

SS-3-4

Tot Ion: 41 Resp: 3106536

Ion Ratio Lower Upper

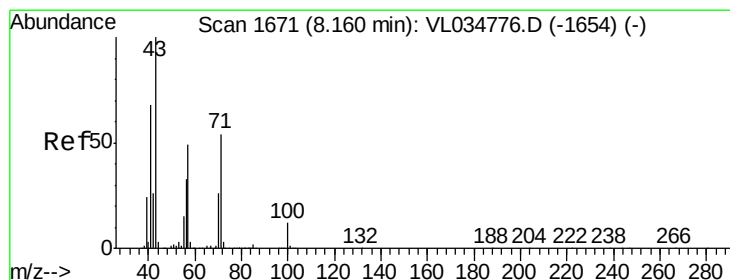
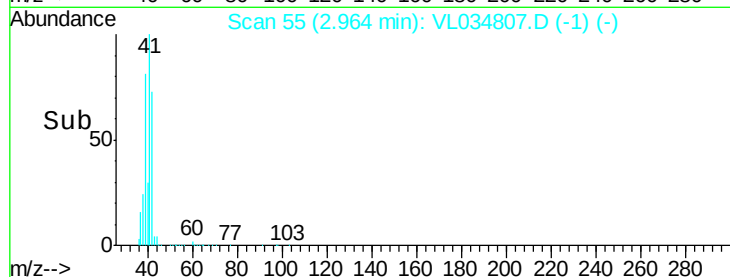
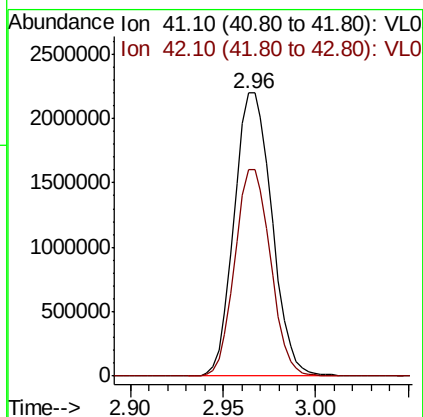
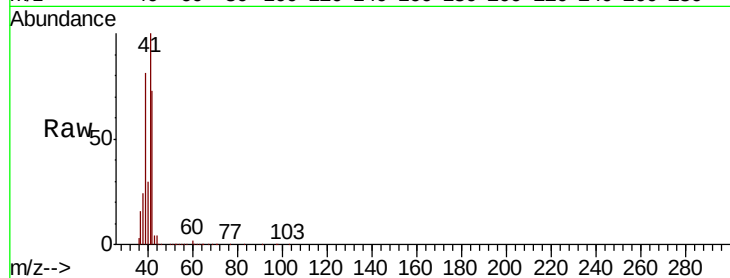
41 100

42 69.6 55.6 83.4

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#10

Heptane

Concen: 214.014 ppbv m

RT: 8.21 min Scan# 1687

Delta R.T. 0.05 min

Lab File: VL034807.D

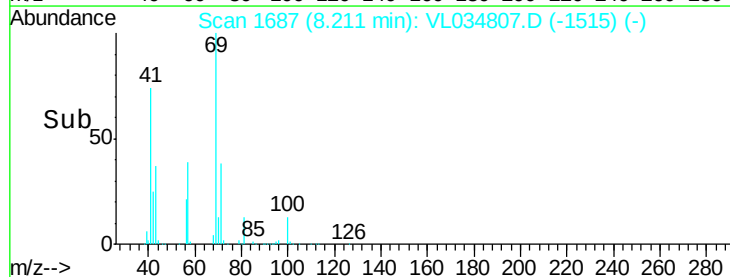
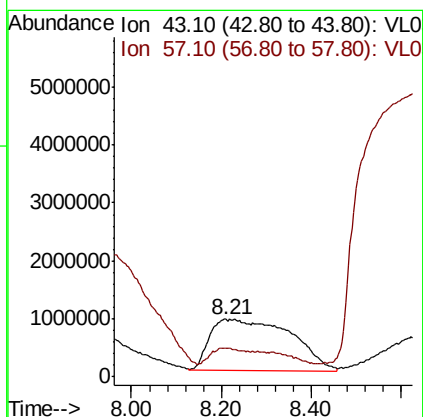
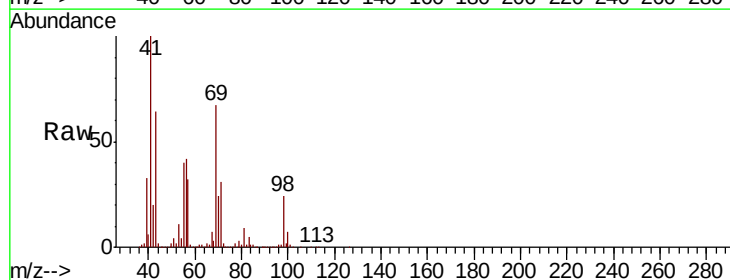
Acq: 5 Mar 2020 22:26

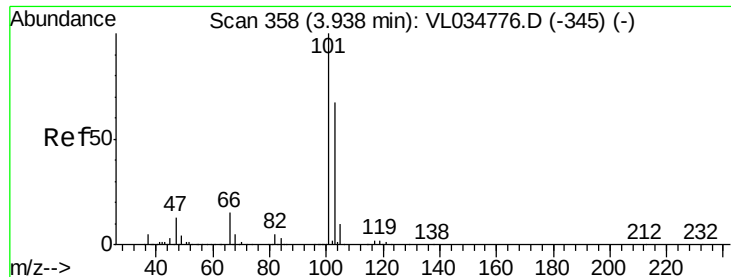
Tgt Ion: 43 Resp: 11151838

Ion Ratio Lower Upper

43 100

57 0.0 40.5 60.7#





#11

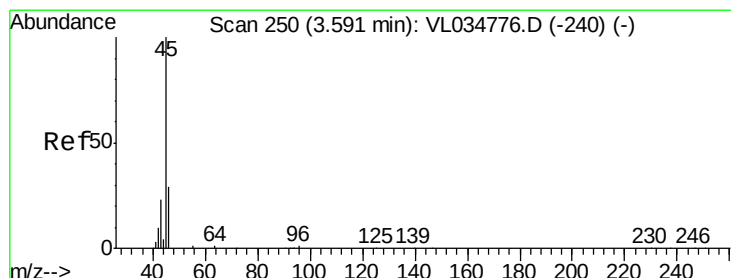
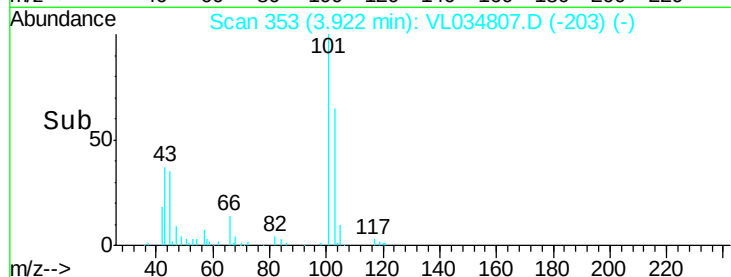
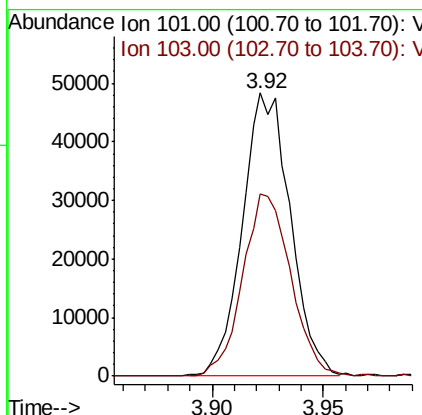
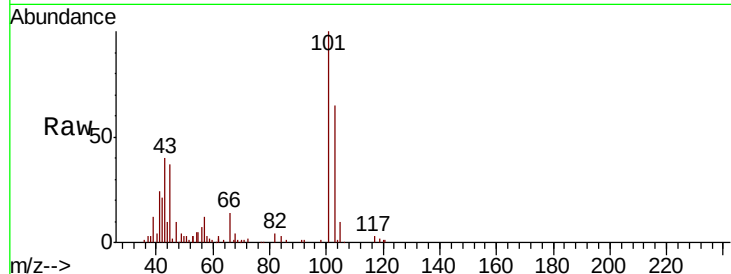
Trichlorofluoromethane
 Concen: 1.087 ppbv m
 RT: 3.92 min Scan# 353
 Delta R.T. -0.02 min
 Lab File: VL034807.D
 Acq: 5 Mar 2020 22:26

Instrument :
 MSVOA_L
 ClientSampled :
 SS-3-4

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	53.6	80.4

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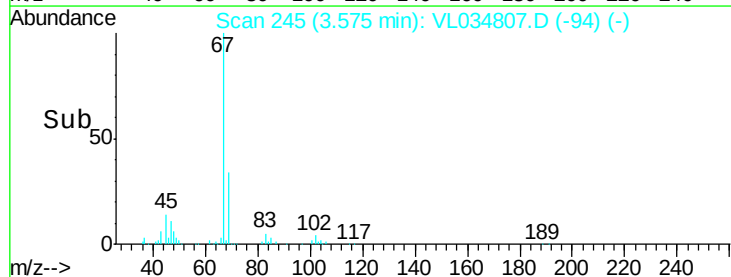
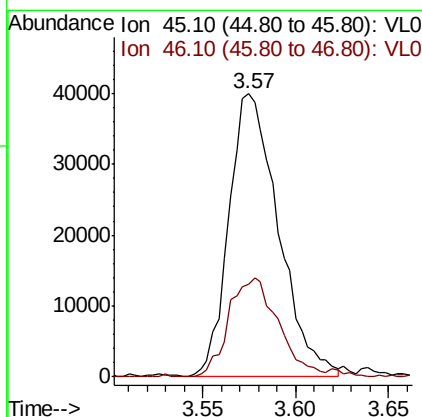
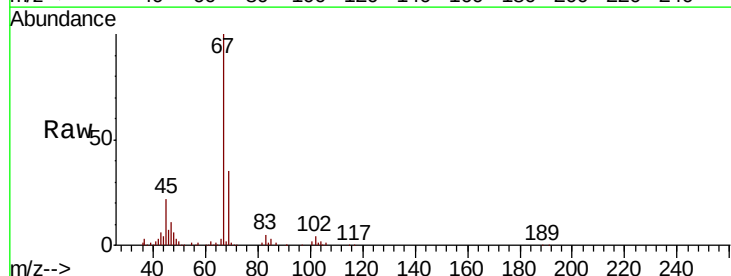
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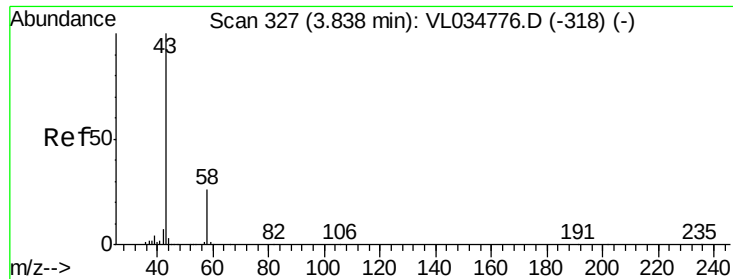


#13

Ethanol
 Concen: 10.576 ppbv
 RT: 3.57 min Scan# 245
 Delta R.T. -0.02 min
 Lab File: VL034807.D
 Acq: 5 Mar 2020 22:26

Tgt Ion	Ratio	Lower	Upper
45	100		
46	36.0	14.7	58.9





#15

Acetone

Concen: 53.456 ppbv m

RT: 3.83 min Scan# 323

Delta R.T. -0.01 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4

Tot Ion: 43 Resp: 2926833

Ion Ratio Lower Upper

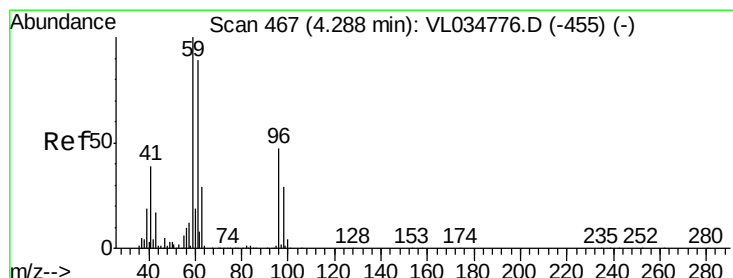
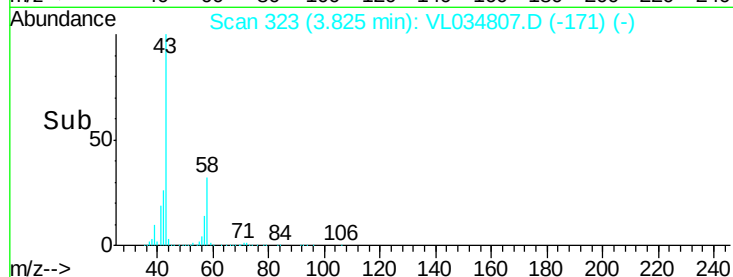
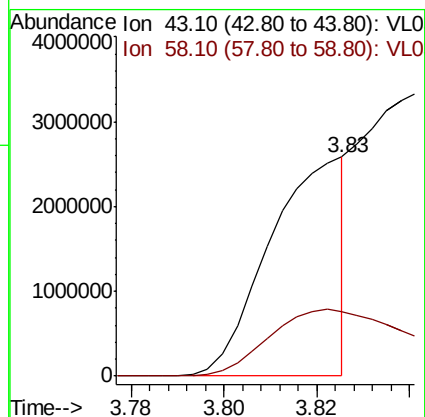
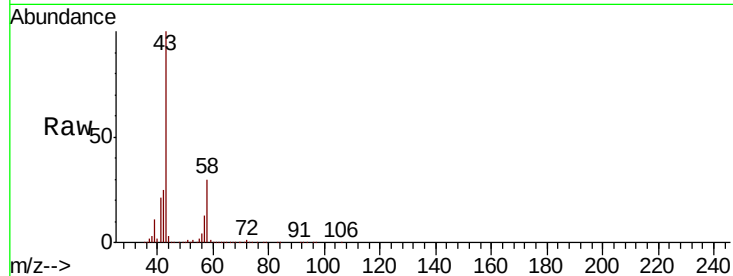
43 100

58 62.8 21.0 31.6#

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#17

tert-Butyl alcohol

Concen: 61.311 ppbv

RT: 4.29 min Scan# 466

Delta R.T. -0.00 min

Lab File: VL034807.D

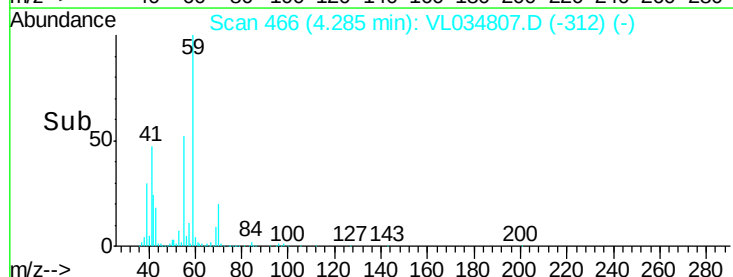
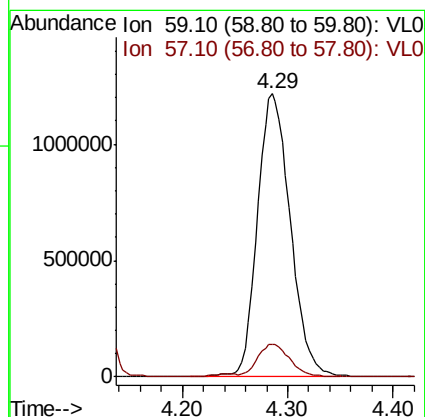
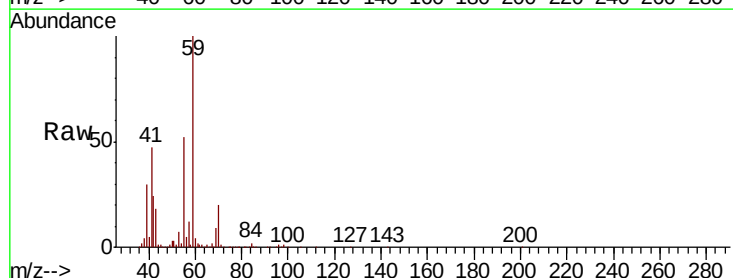
Acq: 5 Mar 2020 22:26

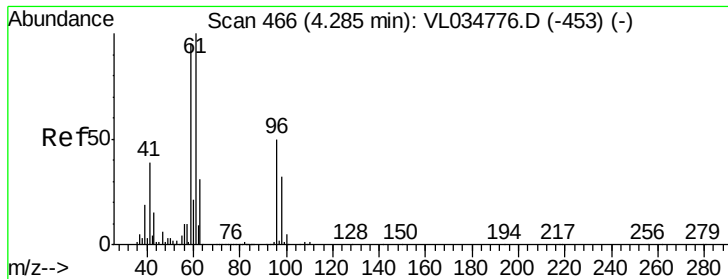
Tgt Ion: 59 Resp: 2646959

Ion Ratio Lower Upper

59 100

57 12.4 8.6 13.0





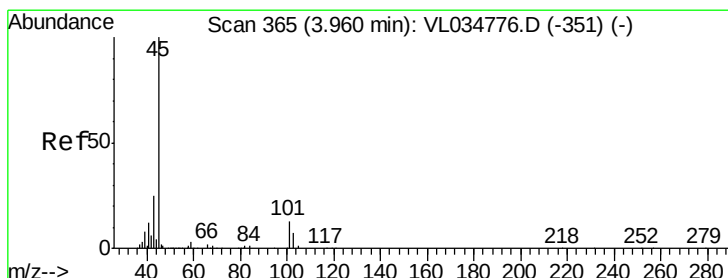
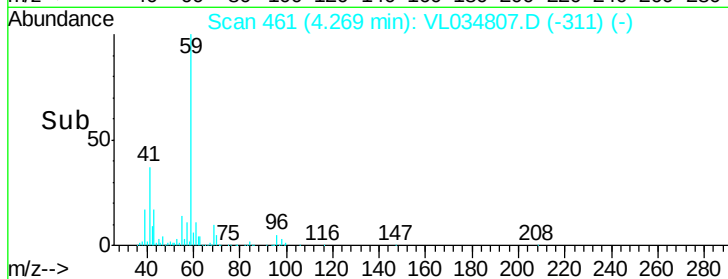
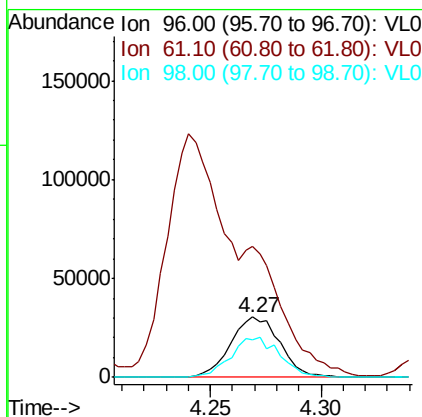
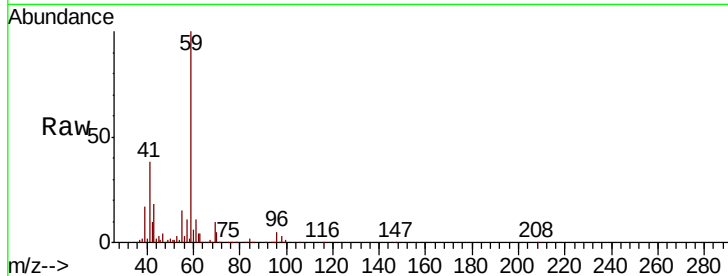
#18
 1,1-Dichloroethene
 Concen: 2.328 ppbv
 RT: 4.27 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: VL034807.D
 Acq: 5 Mar 2020 22:26

Instrument :
 MSVOA_L
 ClientSampled :
 SS-3-4

Tot Ion	Ratio	Lower	Upper
96	100		
61	202.1	159.5	239.3
98	61.5	51.1	76.7

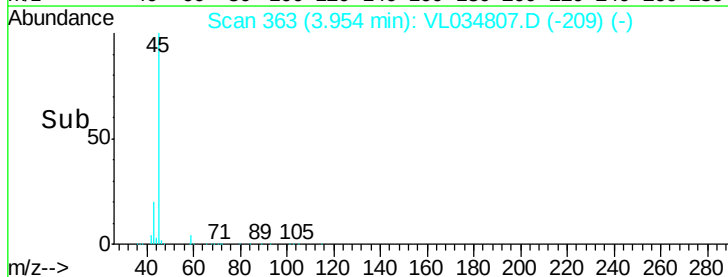
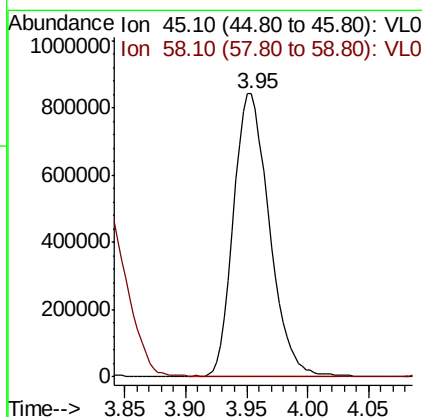
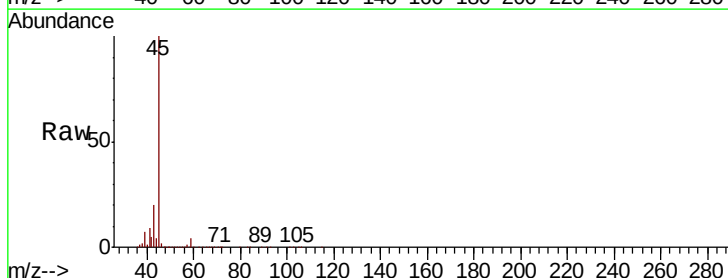
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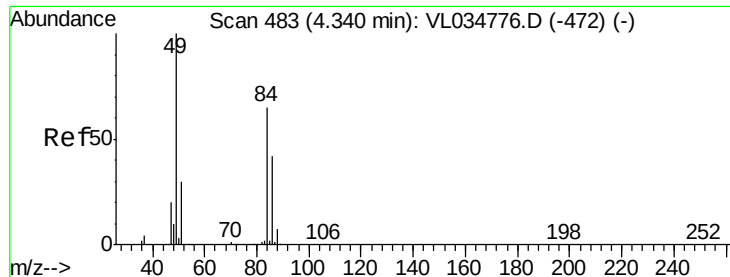
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#19
 Isopropyl Alcohol
 Concen: 52.458 ppbv
 RT: 3.95 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VL034807.D
 Acq: 5 Mar 2020 22:26

Tgt Ion	Ratio	Lower	Upper
45	100		
58	106.8	1.8	2.8#





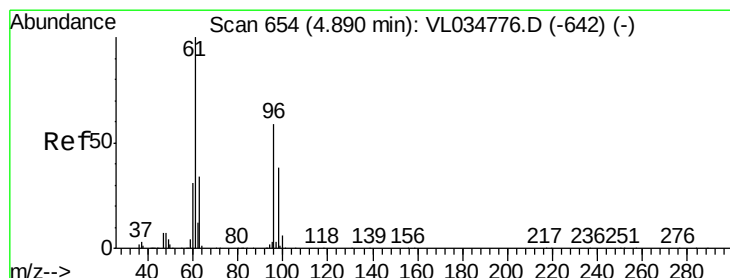
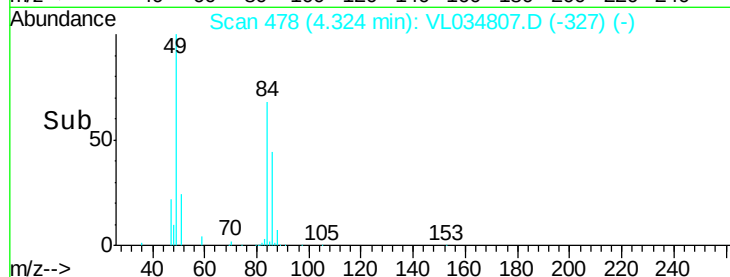
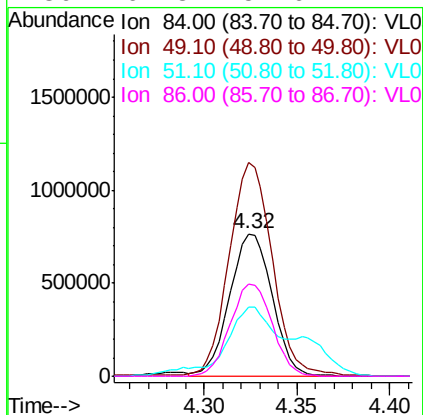
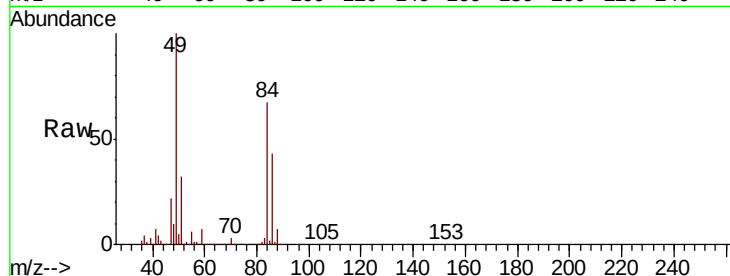
#20
Methylene Chloride
Concen: 62.201 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL034807.D
Acq: 5 Mar 2020 22:26

Instrument :
MSVOA_L
ClientSampled :
SS-3-4

Tot Ion:	84	Resp:	1215485
Ion	Ratio	Lower	Upper
84	100		
49	148.7	123.2	184.8
51	42.8	37.4	56.2
86	64.3	51.6	77.4

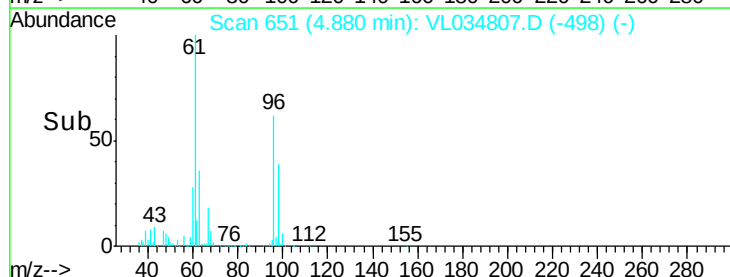
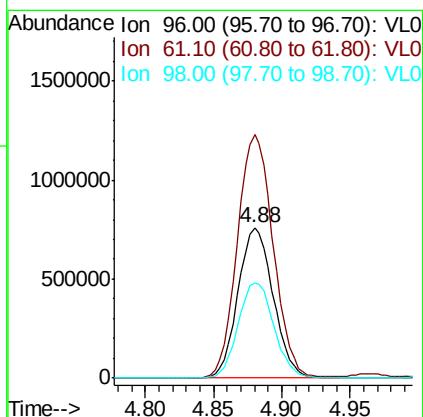
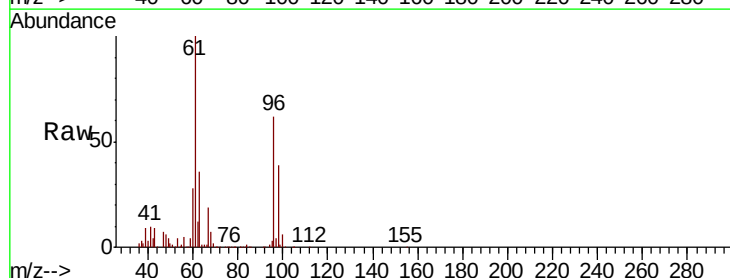
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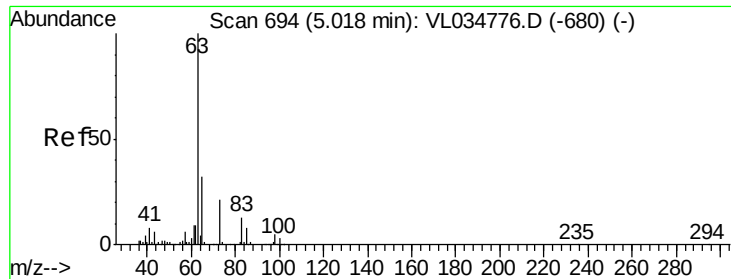
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#22
trans-1,2-Dichloroethene
Concen: 68.663 ppbv
RT: 4.88 min Scan# 651
Delta R.T. -0.01 min
Lab File: VL034807.D
Acq: 5 Mar 2020 22:26

Tgt Ion:	96	Resp:	1361825
Ion	Ratio	Lower	Upper
96	100		
61	162.0	135.2	202.8
98	63.6	50.8	76.2





#24

1,1-Dichloroethane

Concen: 8.945 ppbv

RT: 5.01 min Scan# 692

Delta R.T. -0.01 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Instrument :

MSVOA_L

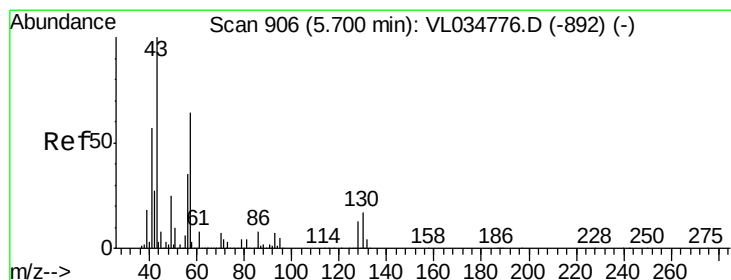
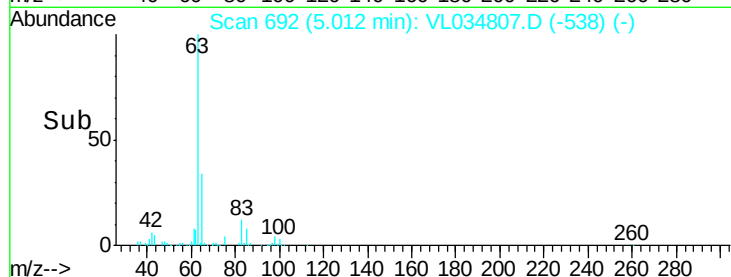
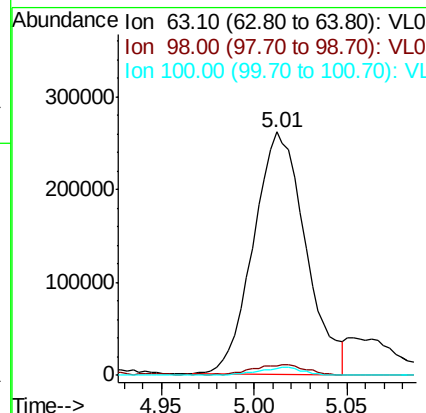
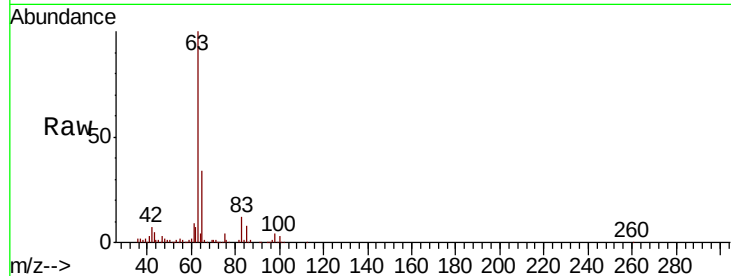
ClientSampleId :

SS-3-4

Tot Ion:	63	Resp:	509709
Ion Ratio	Lower	Upper	
63	100		
98	3.7	2.3	6.8
100	3.0	1.5	4.4

Manual Integrations
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#26

Hexane

Concen: 220.826 ppbv

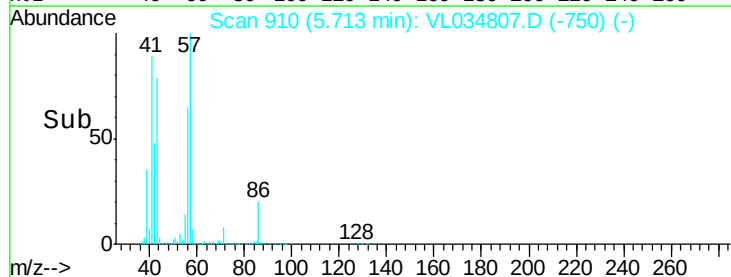
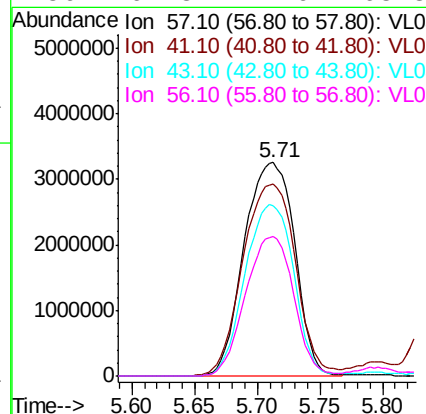
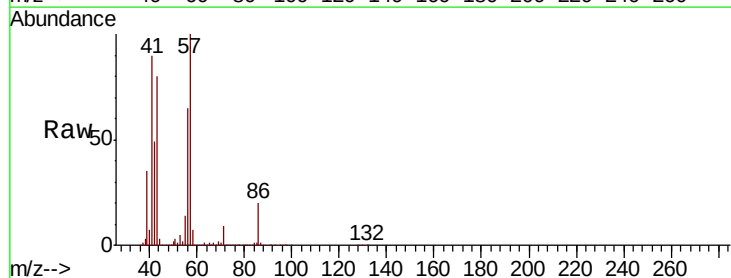
RT: 5.71 min Scan# 910

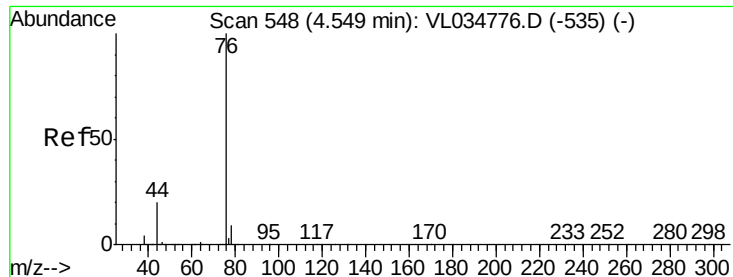
Delta R.T. 0.01 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Tgt Ion:	57	Resp:	9127552
Ion Ratio	Lower	Upper	
57	100		
41	93.5	72.0	108.0
43	77.1	179.1	268.7#
56	62.3	42.6	63.8





#27

Carbon Disulfide

Concen: 79.900 ppbv

RT: 4.54 min Scan# 544

Delta R.T. -0.01 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Instrument :

MSVOA_L

ClientSampled :

SS-3-4

Tot Ion: 76 Resp: 3858132

Ion Ratio Lower Upper

76 100

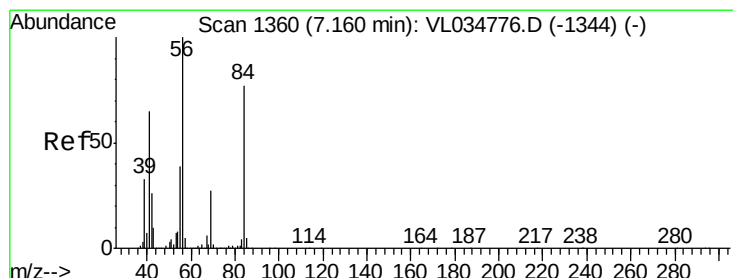
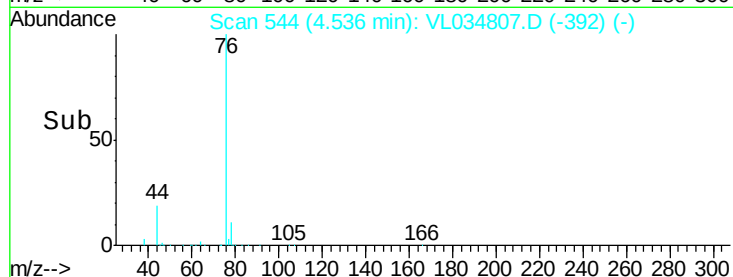
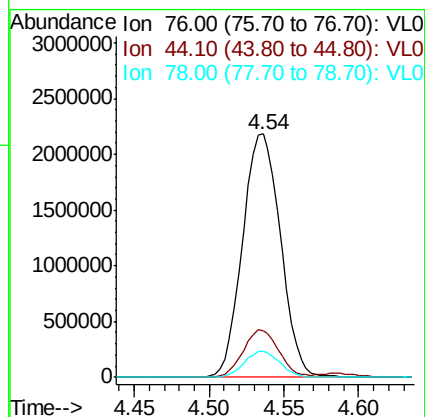
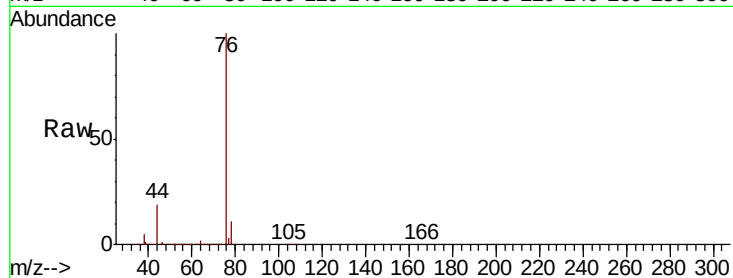
44 18.6 16.1 24.1

78 10.2 7.5 11.3

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#30

Cyclohexane

Concen: 108.238 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

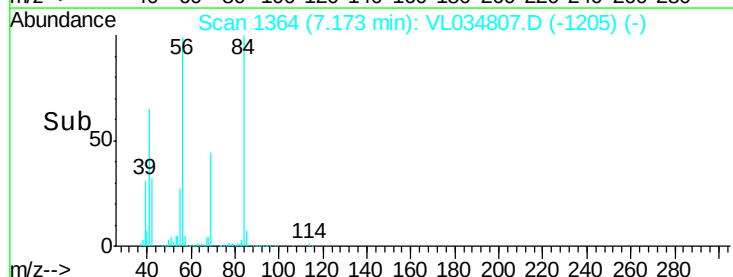
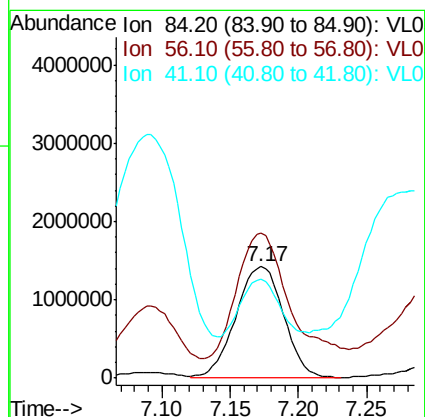
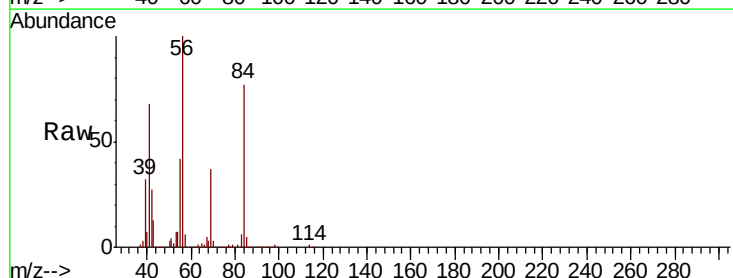
Tgt Ion: 84 Resp: 3422687

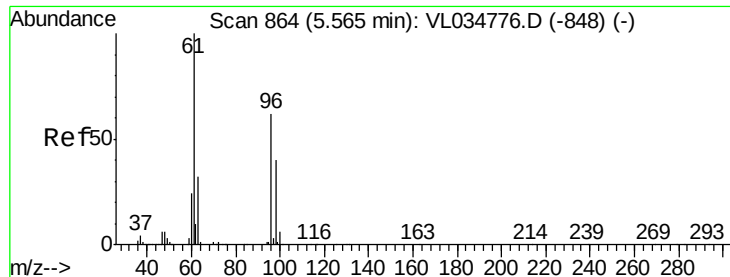
Ion Ratio Lower Upper

84 100

56 119.6 113.2 169.8

41 42.0 70.2 105.4#





#31

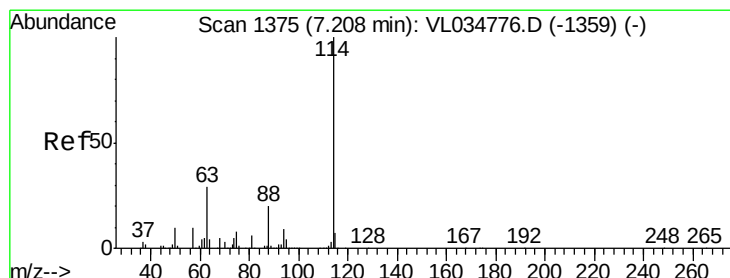
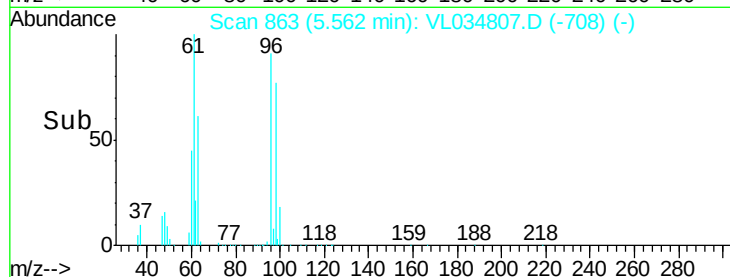
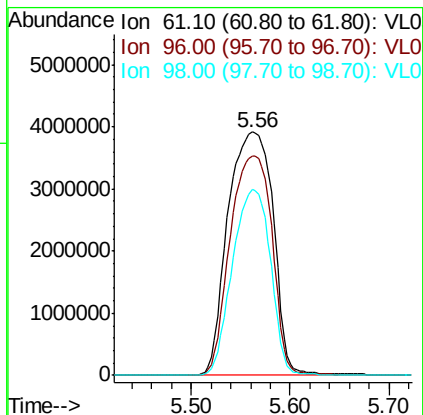
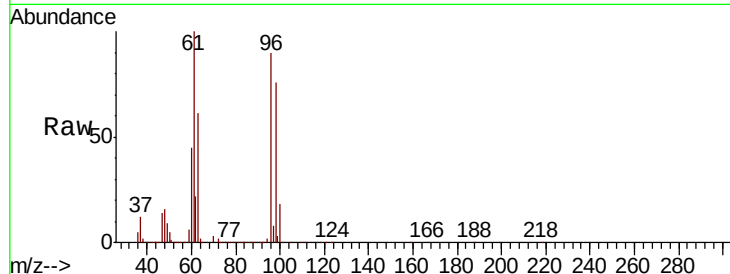
cis-1,2-Dichloroethene
 Concen: 294.573 ppbv
 RT: 5.56 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VL034807.D
 Acq: 5 Mar 2020 22:26

Instrument :
 MSVOA_L
 ClientSampled :
 SS-3-4

Tot Ion: 61 Resp: 12488285
 Ion Ratio Lower Upper
 61 100
 96 90.3 49.7 74.5#
 98 76.3 31.9 47.9#

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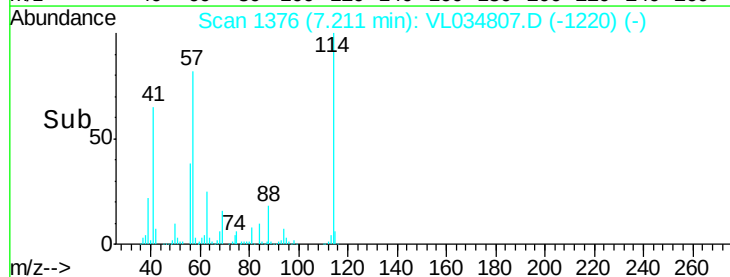
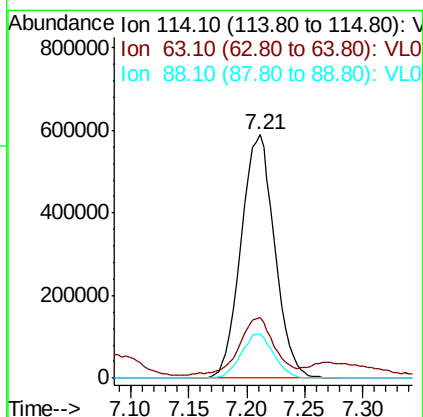
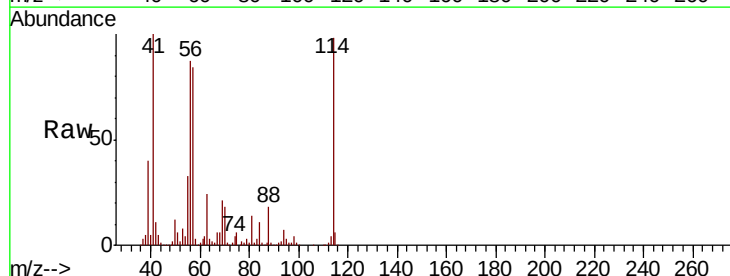
MMDadoda
 3/9/2020 9:19:24 AM

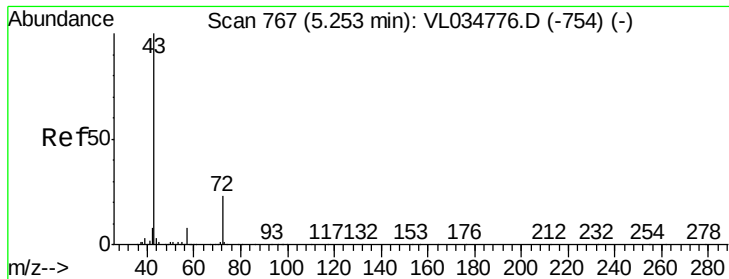


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: VL034807.D
 Acq: 5 Mar 2020 22:26

Tgt Ion: 114 Resp: 1186910
 Ion Ratio Lower Upper
 114 100
 63 25.9 23.6 35.4
 88 17.6 15.8 23.8





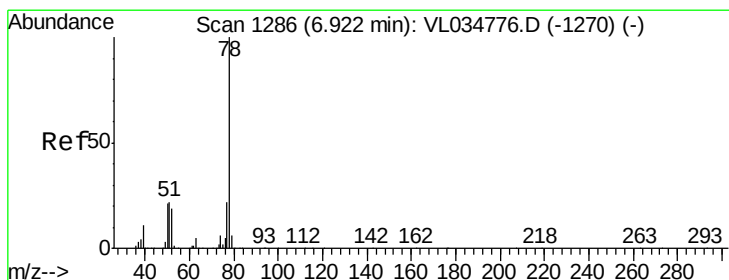
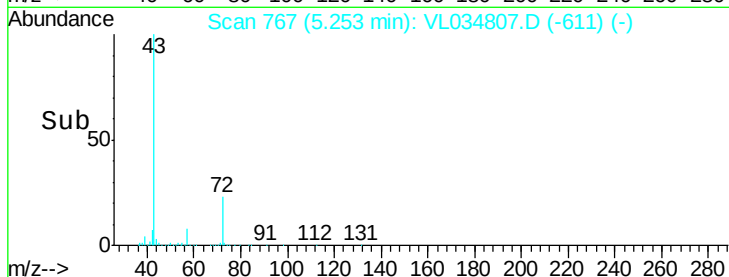
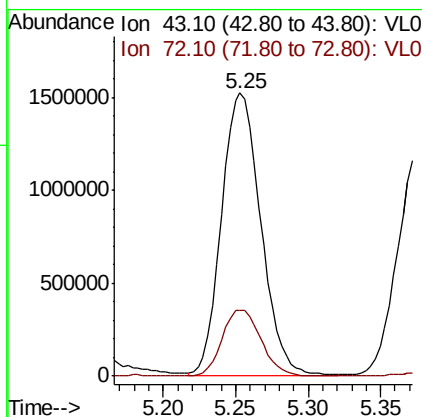
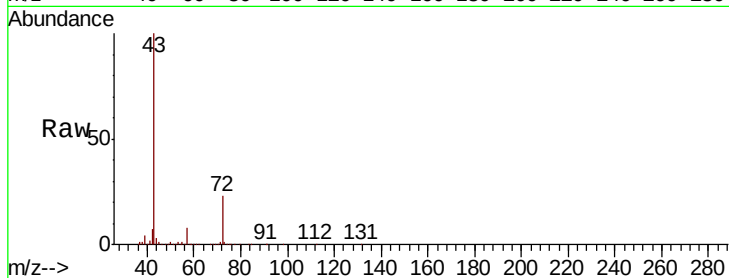
#34
2-Butanone
Concen: 37.378 ppbv
RT: 5.25 min Scan# 767
Delta R.T. -0.00 min
Lab File: VL034807.D
Acq: 5 Mar 2020 22:26

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4

Tot Ion: 43 Resp: 2886234
Ion Ratio Lower Upper
43 100
72 22.8 17.5 26.3

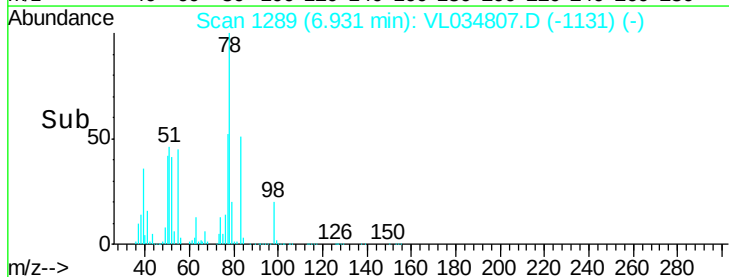
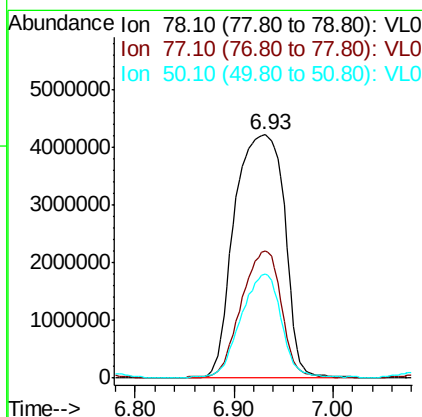
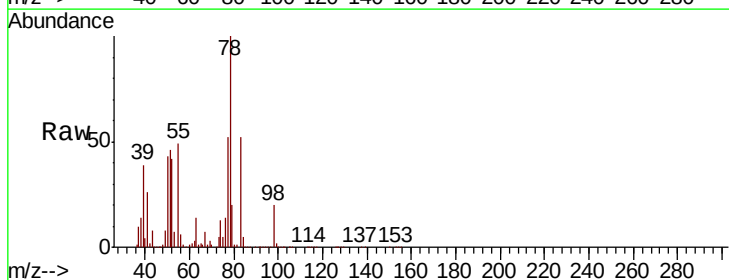
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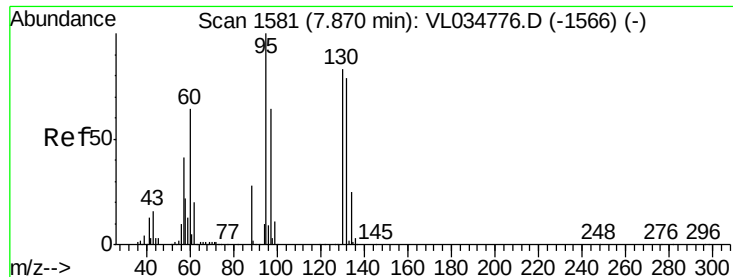
MMDadoda
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#36
Benzene
Concen: 145.629 ppbv
RT: 6.93 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VL034807.D
Acq: 5 Mar 2020 22:26

Tgt Ion: 78 Resp: 14770067
Ion Ratio Lower Upper
78 100
77 51.8 18.0 27.0#
50 42.2 16.9 25.3#





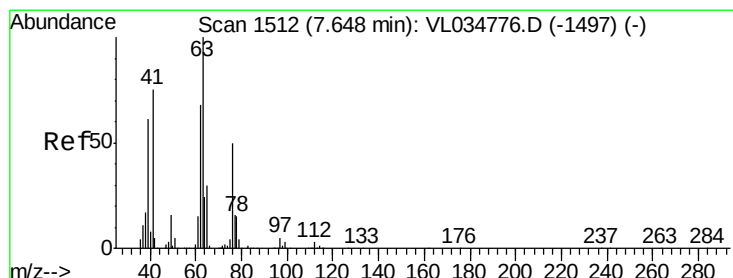
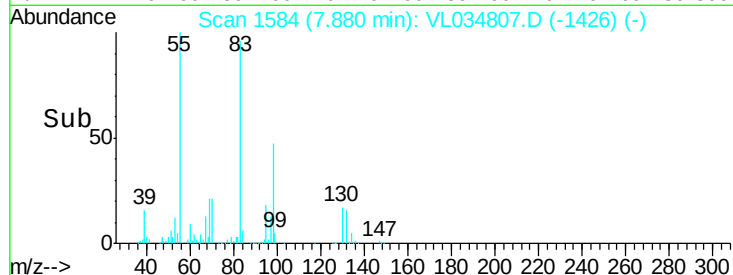
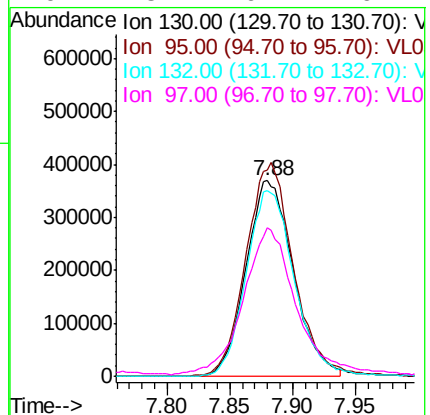
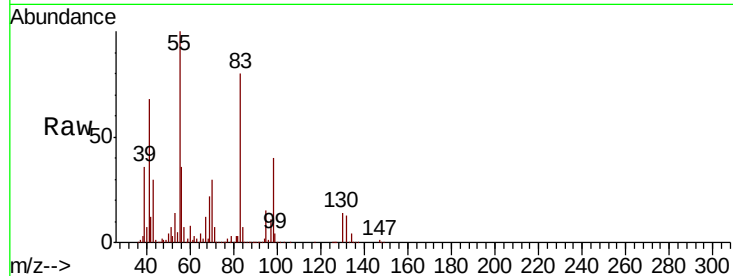
#38
 Trichloroethene
 Concen: 24.565 ppbv
 RT: 7.88 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VL034807.D
 Acq: 5 Mar 2020 22:26

Instrument :
 MSVOA_L
 ClientSampled :
 SS-3-4

Tot Ion	Ratio	Lower	Upper
130	100		
95	105.4	95.8	143.8
132	94.7	76.1	114.1
97	73.7	61.1	91.7

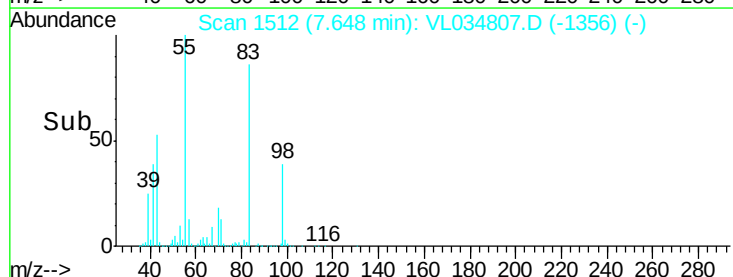
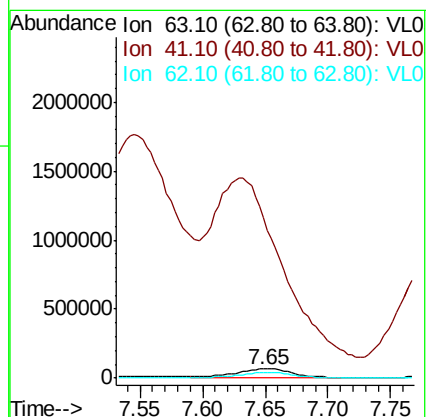
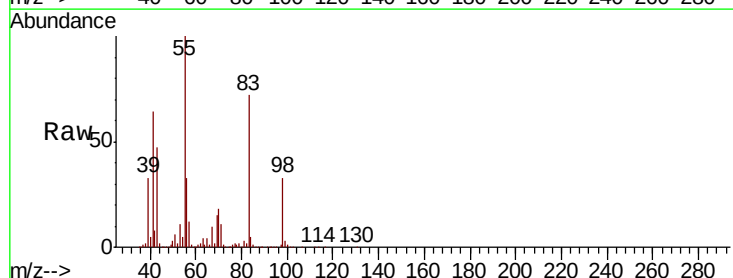
Manual Integrations
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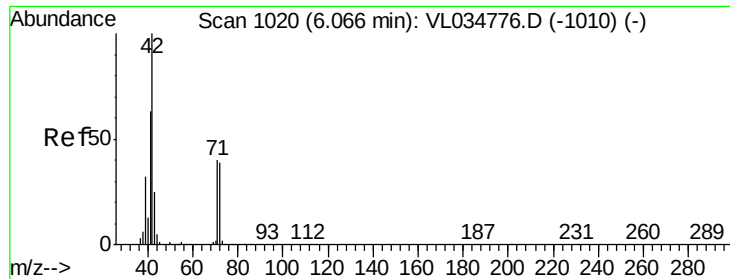
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#39
 1,2-Dichloropropane
 Concen: 4.656 ppbv
 RT: 7.65 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: VL034807.D
 Acq: 5 Mar 2020 22:26

Tgt Ion	Ratio	Lower	Upper
63	100		
41	1554.5	60.3	90.5#
62	59.7	54.5	81.7





#41

Tetrahydrofuran

Concen: 3.739 ppbv

RT: 6.06 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Instrument :

MSVOA_L

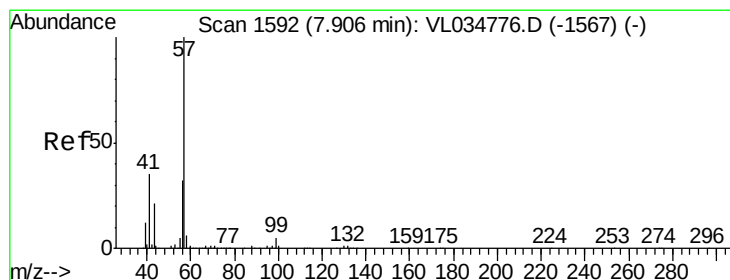
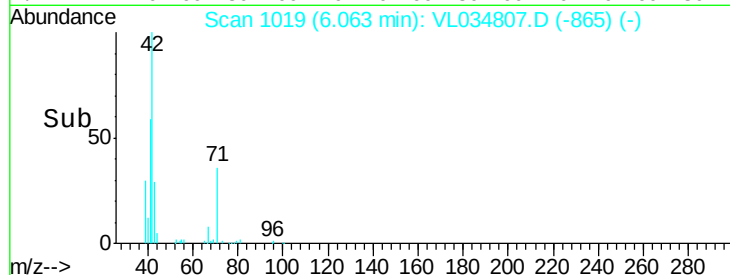
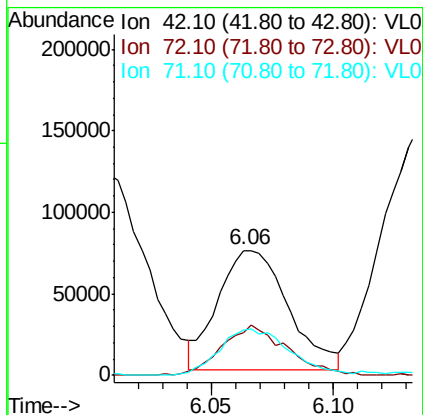
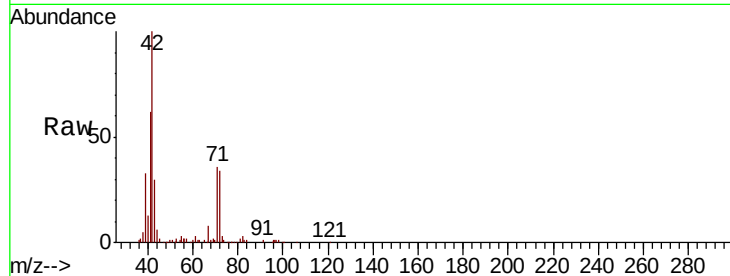
ClientSampled :

SS-3-4

Tot Ion:	42	Resp:	147319
Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.0	48.0
71	38.2	31.3	46.9

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#44

2,2,4-Trimethylpentane

Concen: 94.089 ppbv

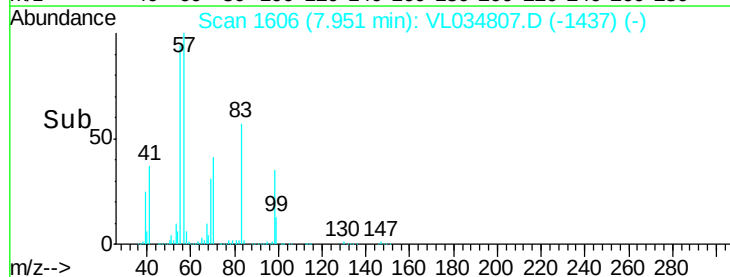
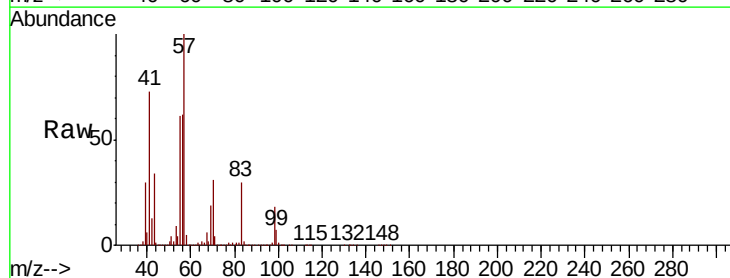
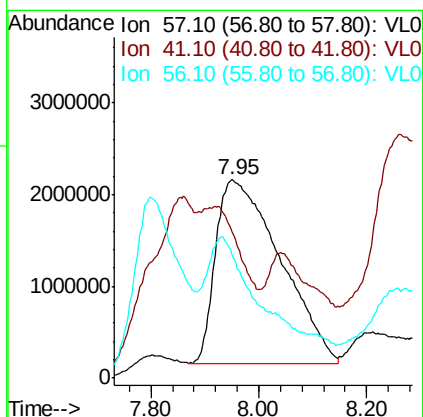
RT: 7.95 min Scan# 1606

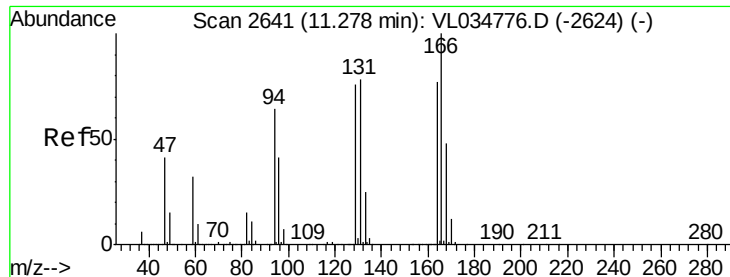
Delta R.T. 0.05 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Tgt Ion:	57	Resp:	16676168
Ion	Ratio	Lower	Upper
57	100		
41	35.2	27.4	41.0
56	46.1	25.0	37.6#





#52

Tetrachloroethene

Concen: 8.645 ppbv

RT: 11.37 min Scan# 2669

Delta R.T. 0.09 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Instrument :

MSVOA_L

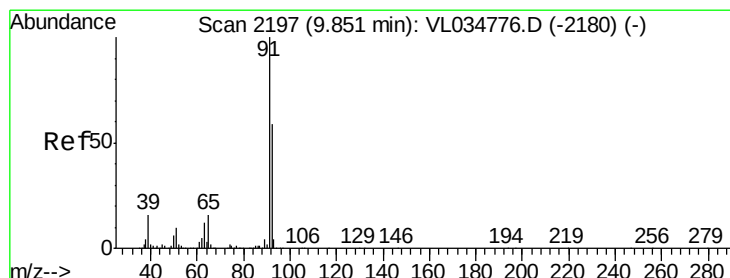
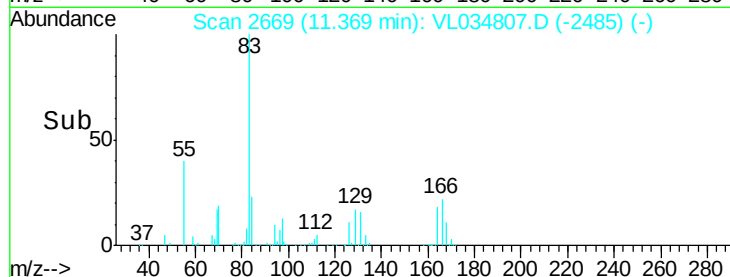
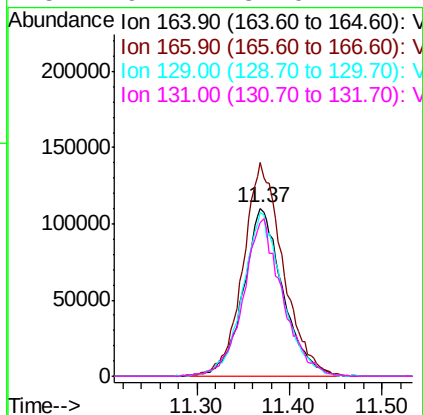
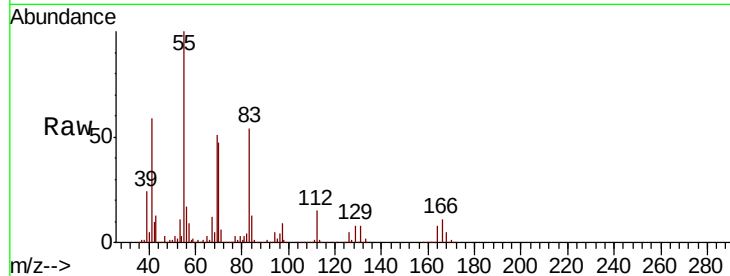
ClientSampleId :

SS-3-4

Tot Ion:	164	Resp:	323951
Ion Ratio	Lower	Upper	
164	100		
166	126.8	103.3	154.9
129	97.5	79.0	118.4
131	91.2	81.0	121.4

Manual Integrations
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#53

Toluene

Concen: 135.346 ppbv

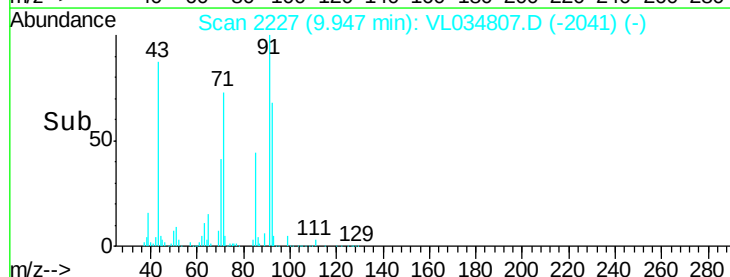
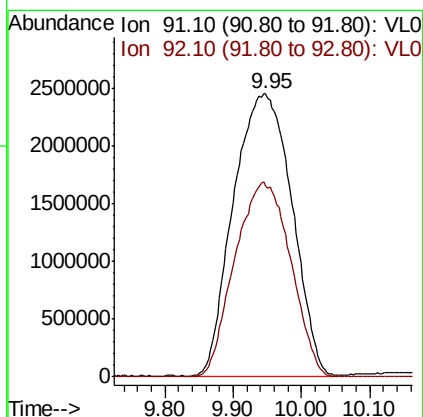
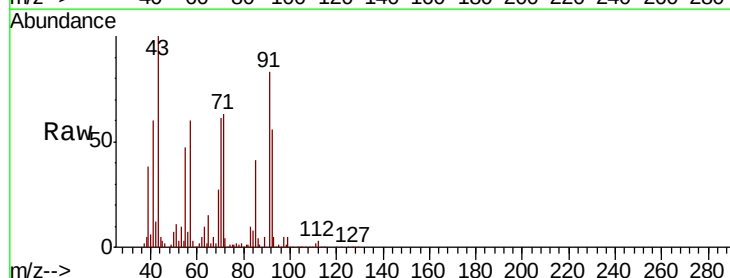
RT: 9.95 min Scan# 2227

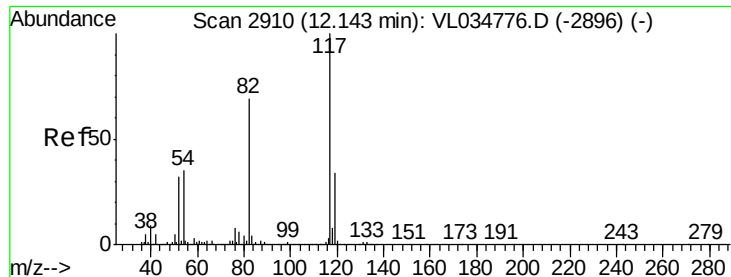
Delta R.T. 0.10 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Tgt Ion:	91	Resp:	14528385
Ion Ratio	Lower	Upper	
91	100		
92	65.8	48.2	72.2





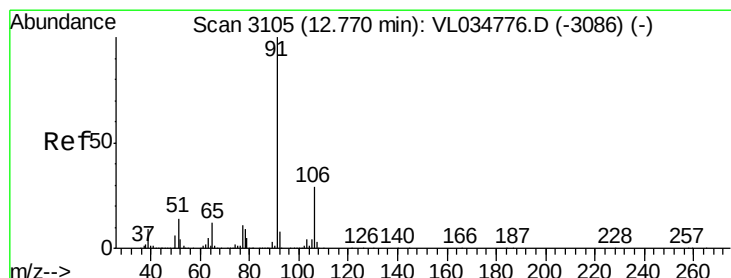
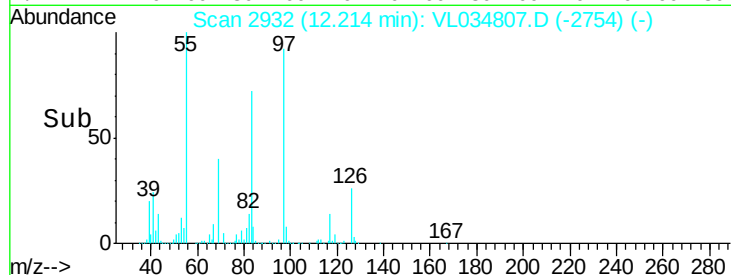
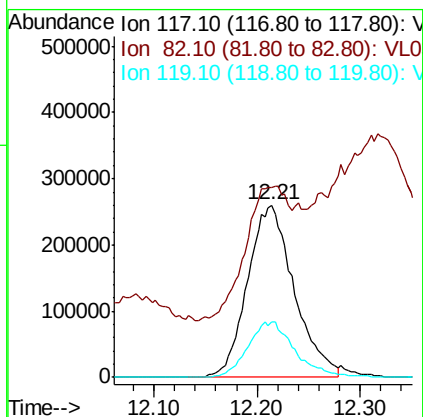
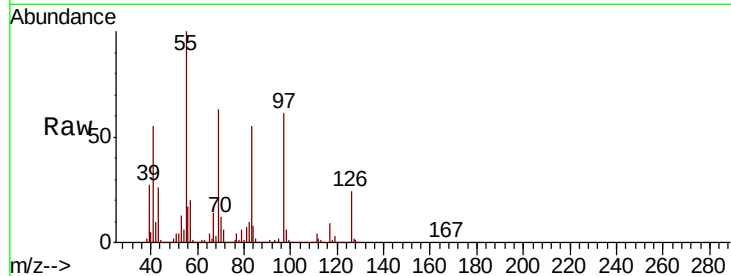
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2932
Delta R.T. 0.07 min
Lab File: VL034807.D
Acq: 5 Mar 2020 22:26

Instrument :
MSVOA_L
ClientSampled :
SS-3-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	133.1	53.9	80.9#
119	32.8	25.0	37.4

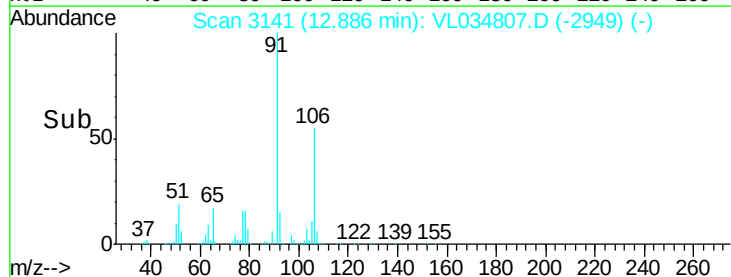
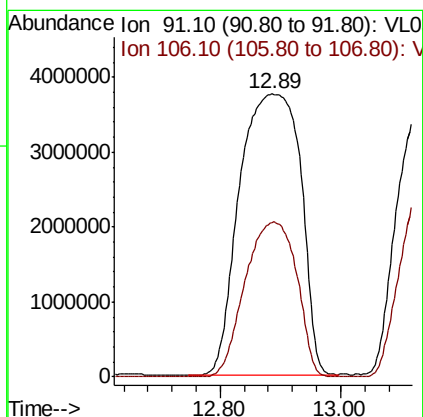
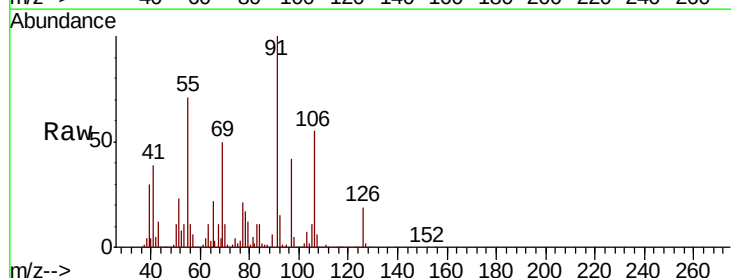
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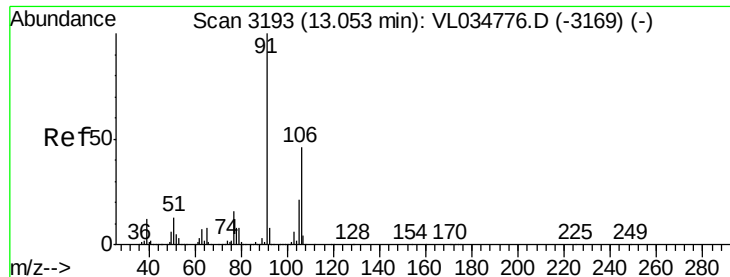
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#58
Ethyl Benzene
Concen: 262.946 ppbv
RT: 12.89 min Scan# 3141
Delta R.T. 0.12 min
Lab File: VL034807.D
Acq: 5 Mar 2020 22:26

Tgt Ion	Ratio	Lower	Upper
91	100		
106	54.9	22.8	34.2#





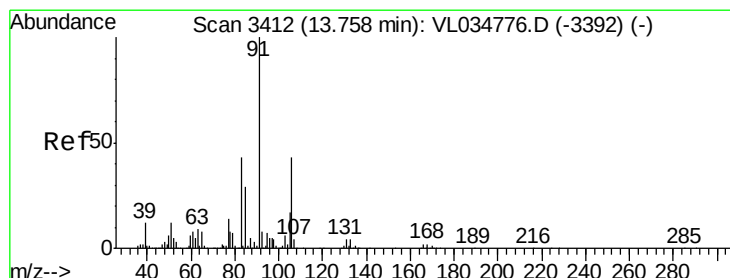
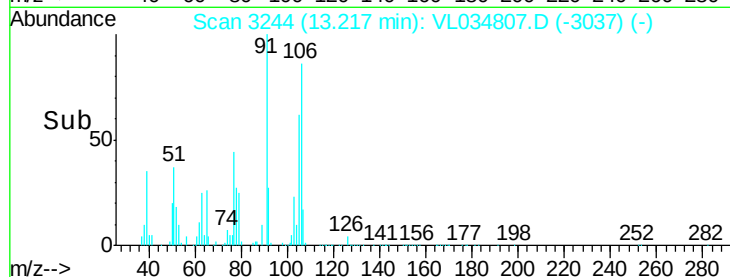
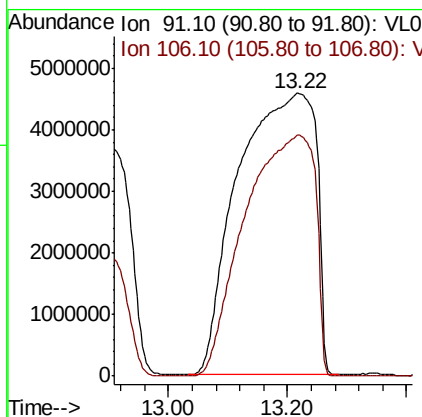
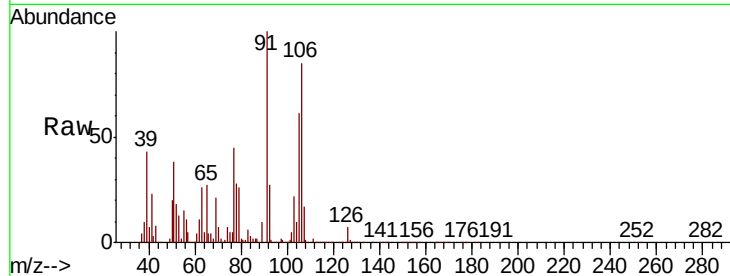
#59
m/p-Xylene
Concen: 478.370 ppbv
RT: 13.22 min Scan# 3244
Delta R.T. 0.16 min
Lab File: VL034807.D
Acq: 5 Mar 2020 22:26

Instrument :
MSVOA_L
ClientSampled :
SS-3-4

Tot Ion: 91 Resp:41621041
Ion Ratio Lower Upper
91 100
106 77.4 35.8 53.8#

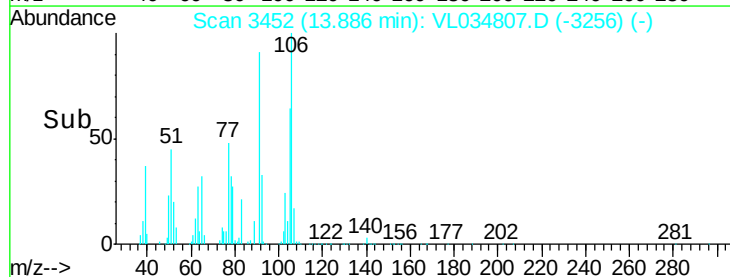
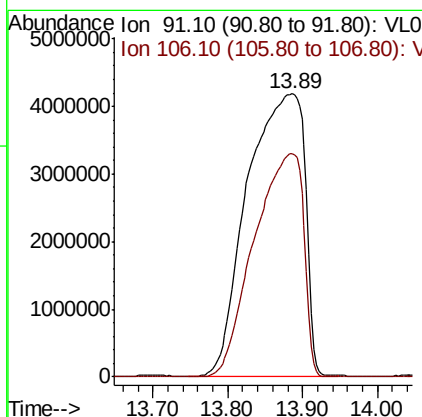
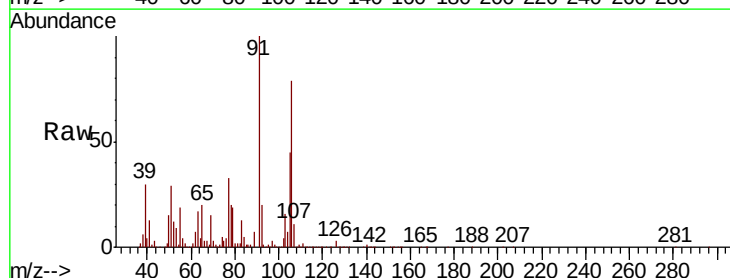
Manual Integrations
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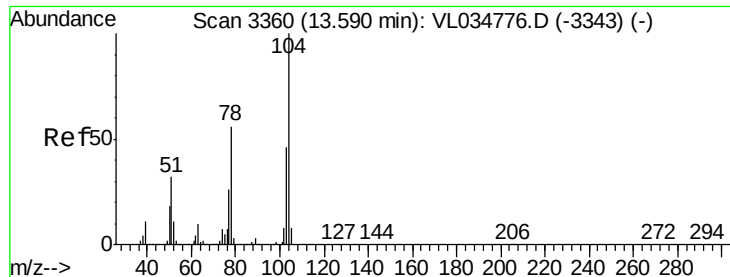
MMDadoda
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#60
o-Xylene
Concen: 253.789 ppbv
RT: 13.89 min Scan# 3452
Delta R.T. 0.13 min
Lab File: VL034807.D
Acq: 5 Mar 2020 22:26

Tgt Ion: 91 Resp:22341261
Ion Ratio Lower Upper
91 100
106 68.0 21.7 65.1#





#61

Stvrene

Concen: 0.801 ppbv

RT: 13.68 min Scan# 3387

Delta R.T. 0.09 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Instrument :

MSVOA_L

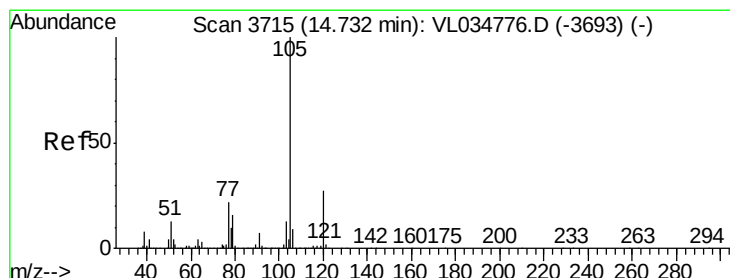
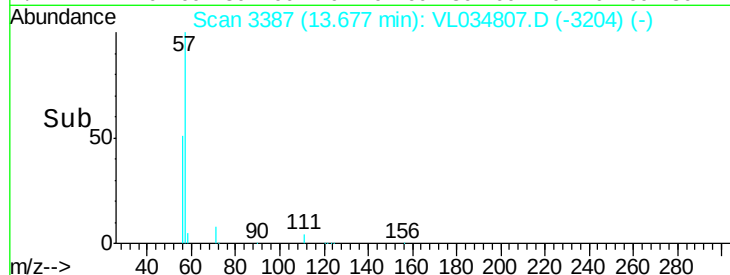
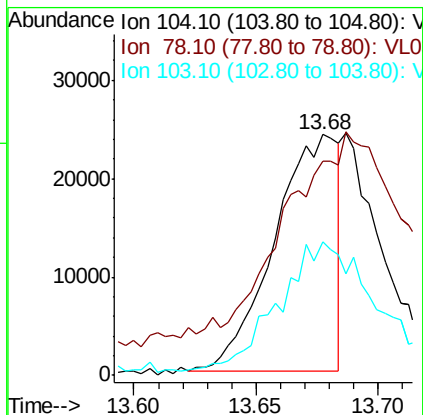
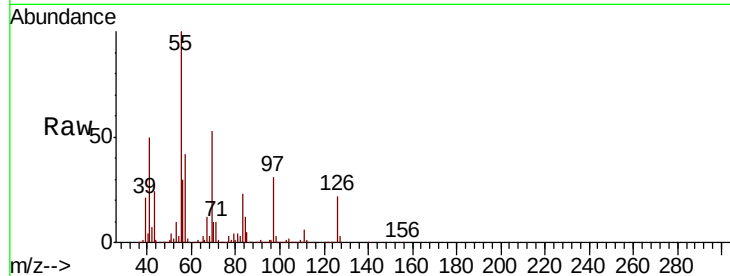
ClientSampled :

SS-3-4

Tot Ion:	104	Resp:	43719
Ion Ratio	Lower	Upper	
104	100		
78	0.0	44.7	67.1#
103	0.0	38.2	57.2#

Manual Integrations
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#62

Isopropylbenzene

Concen: 9.386 ppbv

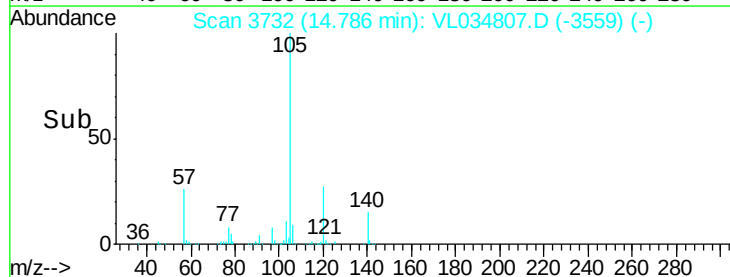
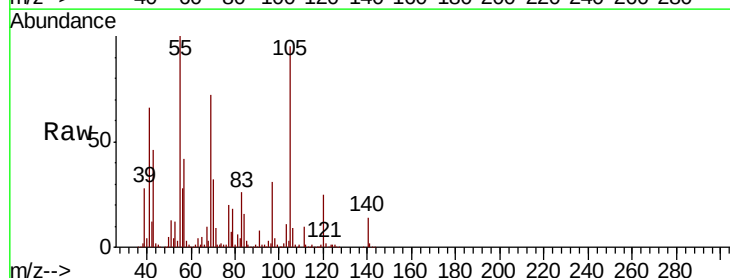
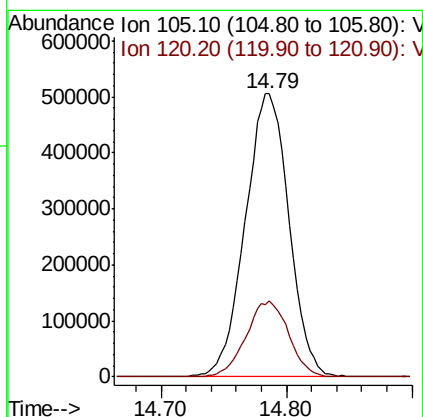
RT: 14.79 min Scan# 3732

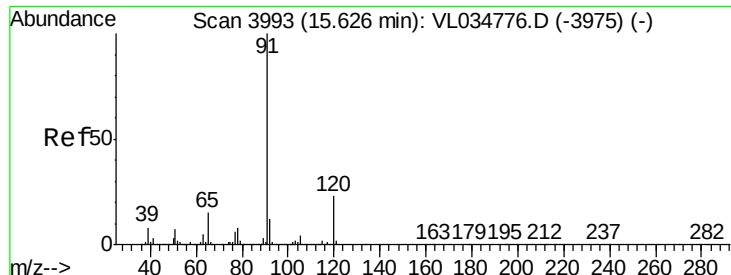
Delta R.T. 0.05 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Tgt Ion:	105	Resp:	1216032
Ion Ratio	Lower	Upper	
105	100		
120	26.3	20.5	30.7





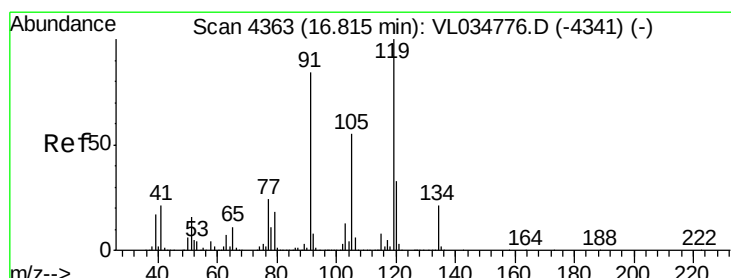
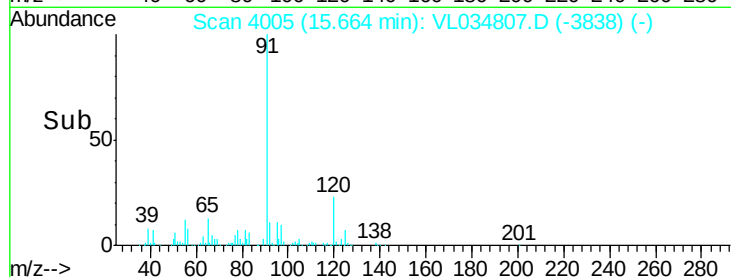
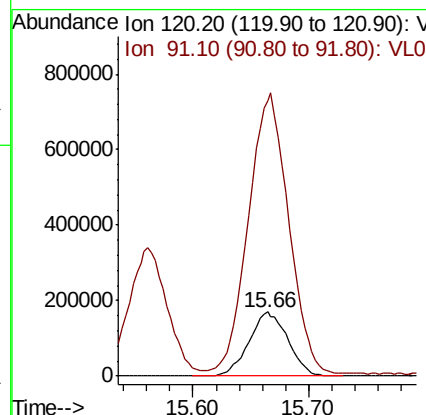
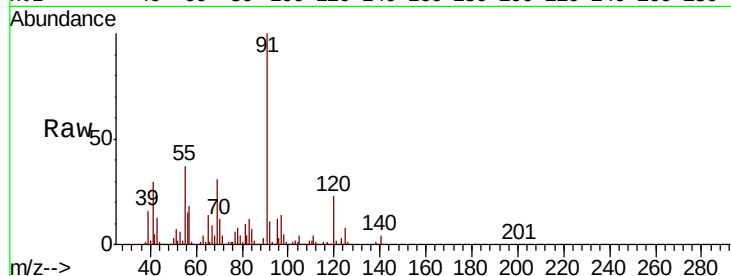
#64
n-propylbenzene
Concen: 12.151 ppbv
RT: 15.66 min Scan# 4005
Delta R.T. 0.04 min
Lab File: VL034807.D
Acq: 5 Mar 2020 22:26

Instrument :
MSVOA_L
ClientSampled :
SS-3-4

Tot Ion:120 Resp: 394745
Ion Ratio Lower Upper
120 100
91 454.5 379.4 569.2

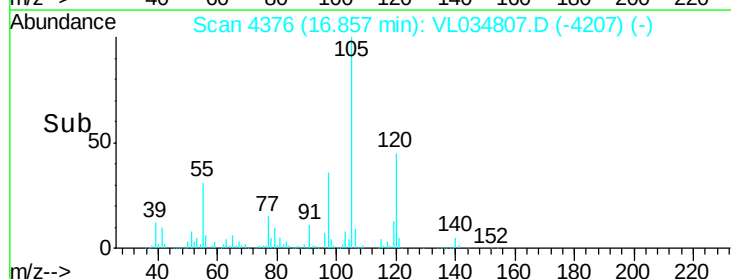
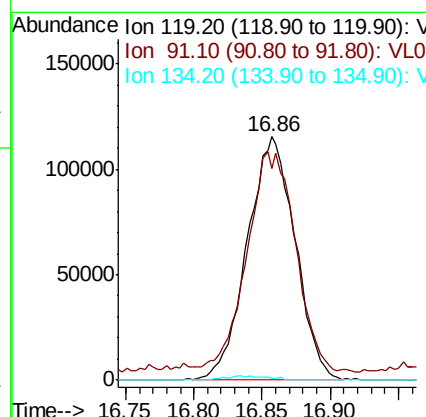
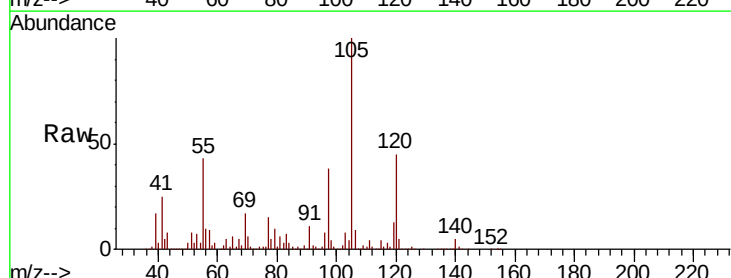
Manual Integrations
APPROVED

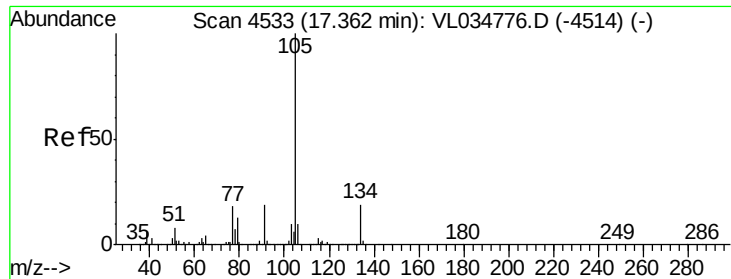
MMDadoda
3/9/2020 9:19:24 AM



#65
tert-Butylbenzene
Concen: 2.571 ppbv
RT: 16.86 min Scan# 4376
Delta R.T. 0.04 min
Lab File: VL034807.D
Acq: 5 Mar 2020 22:26

Tgt Ion:119 Resp: 281540
Ion Ratio Lower Upper
119 100
91 94.0 69.8 104.6
134 1.6 15.9 23.9#





#67

sec-Butylbenzene

Concen: 1.582 ppbv

RT: 17.38 min Scan# 4539

Delta R.T. 0.02 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Instrument :

MSVOA_L

ClientSampled :

SS-3-4

Tot Ion: 105 Resp: 252385

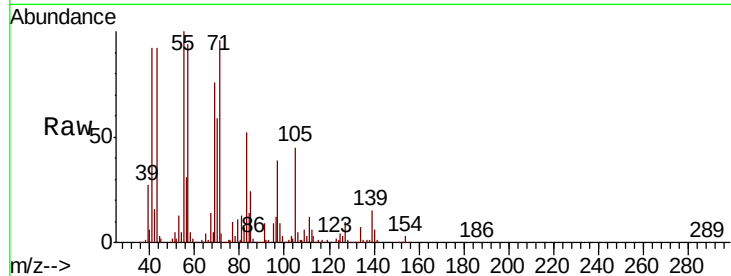
Ion Ratio Lower Upper

105 100

134 18.2 14.7 22.1

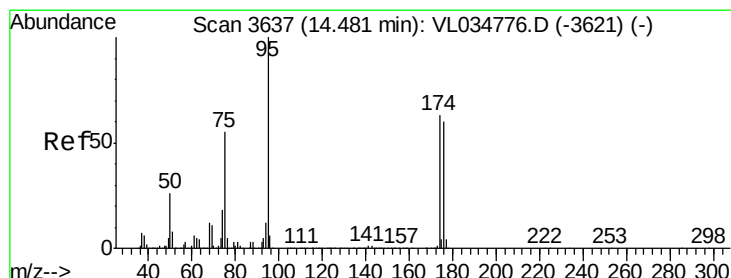
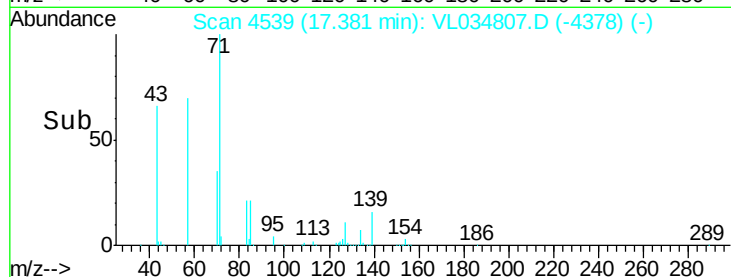
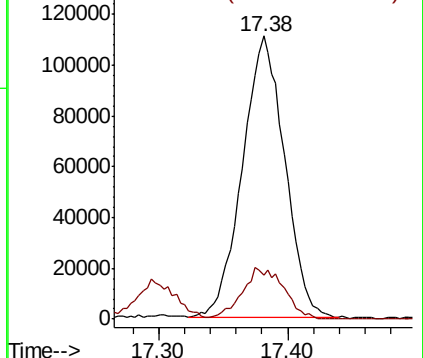
Manual Integrations
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 22.095 ppbv

RT: 14.54 min Scan# 3656

Delta R.T. 0.06 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

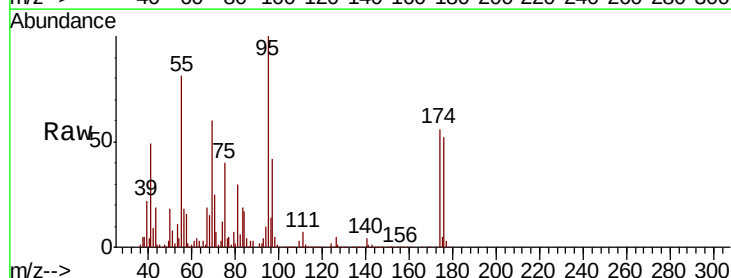
Tgt Ion: 95 Resp: 1502662

Ion Ratio Lower Upper

95 100

174 50.2 50.6 76.0#

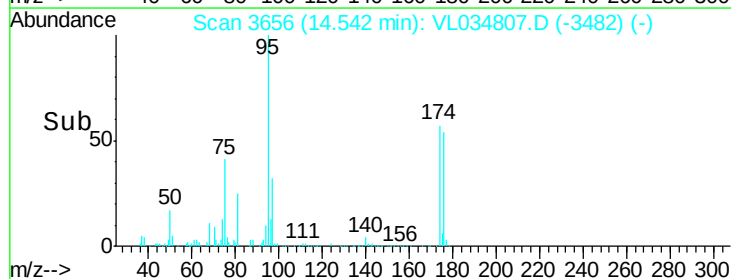
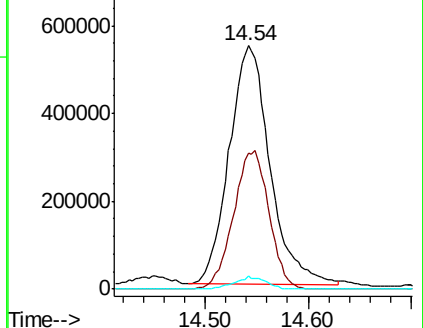
175 4.0 3.8 5.6

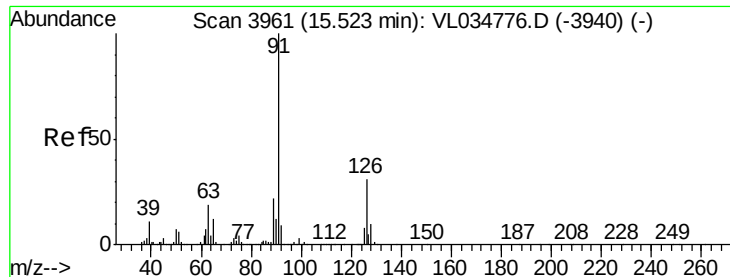


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





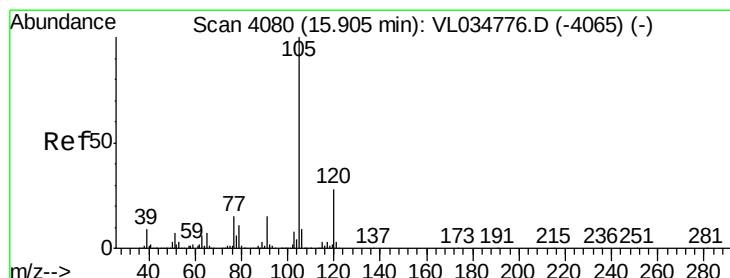
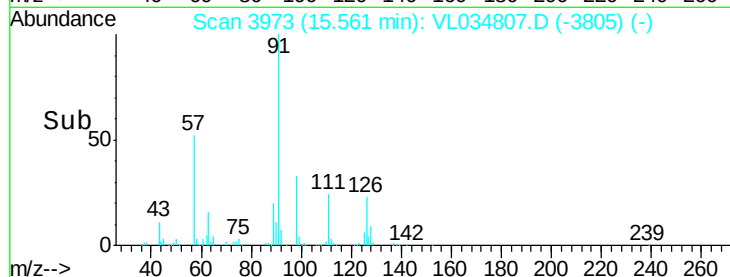
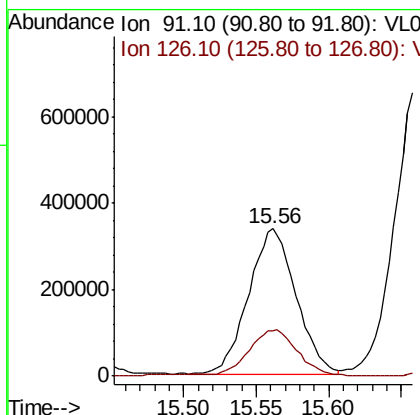
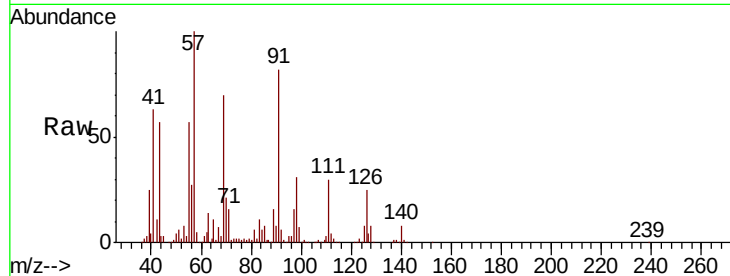
#71
2-Chlorotoluene
Concen: 7.868 ppbv
RT: 15.56 min Scan# 3973
Delta R.T. 0.04 min
Lab File: VL034807.D
Acq: 5 Mar 2020 22:26

Instrument :
MSVOA_L
ClientSampled :
SS-3-4

Tot Ion: 91 Resp: 769970
Ion Ratio Lower Upper
91 100
126 33.3 11.7 46.7

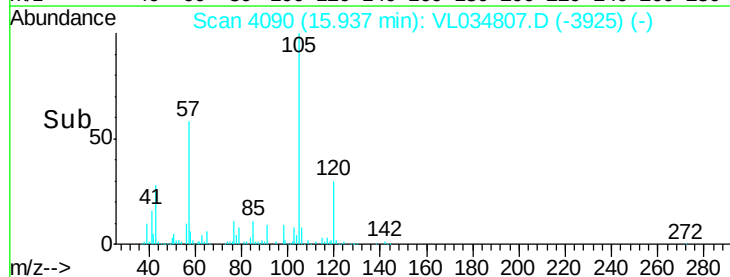
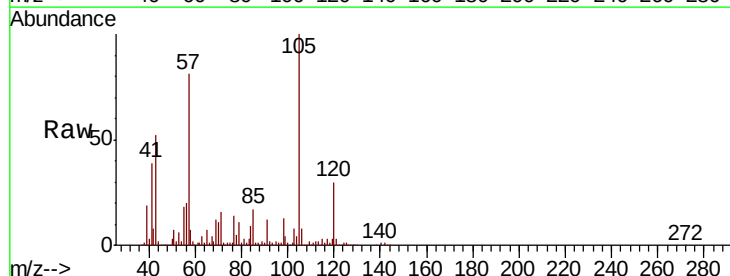
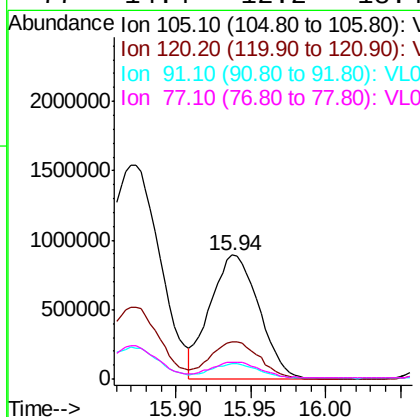
Manual Integrations
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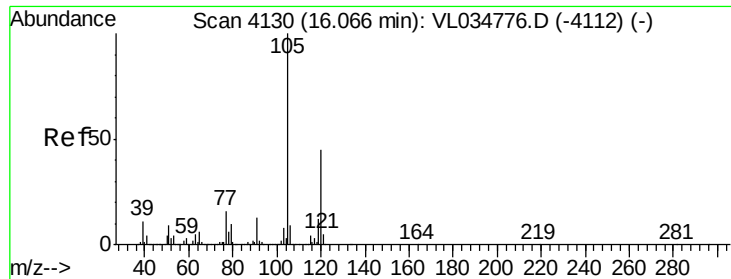
MMDadoda
3/9/2020 9:19:24 AM



#72
4-Ethyltoluene
Concen: 20.746 ppbv
RT: 15.94 min Scan# 4090
Delta R.T. 0.03 min
Lab File: VL034807.D
Acq: 5 Mar 2020 22:26

Tgt Ion: 105 Resp: 2033389
Ion Ratio Lower Upper
105 100
120 30.6 23.0 34.6
91 11.6 11.1 16.7
77 14.4 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 18.993 ppbv

RT: 16.10 min Scan# 4139

Delta R.T. 0.03 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Instrument :

MSVOA_L

ClientSampled :

SS-3-4

Tot Ion:105 Resp: 1785622

Ion Ratio Lower Upper

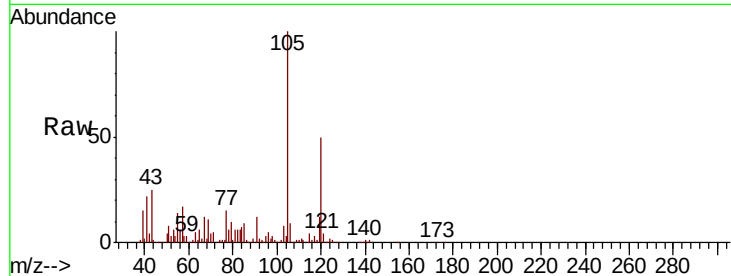
105 100

120 49.7 35.6 53.4

Manual Integrations
APPROVED

MMDadoda

3/9/2020 9:19:24 AM



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.10

800000

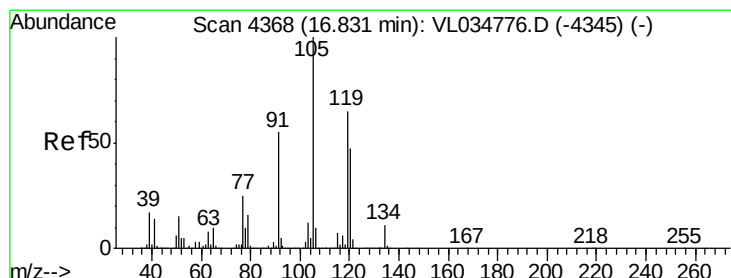
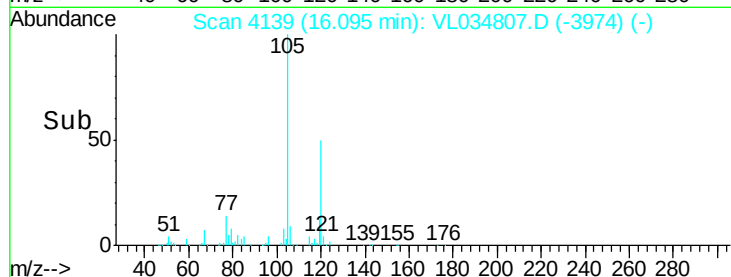
600000

400000

200000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 21.186 ppbv

RT: 16.86 min Scan# 4376

Delta R.T. 0.03 min

Lab File: VL034807.D

Acq: 5 Mar 2020 22:26

Tgt Ion:105 Resp: 2165262

Ion Ratio Lower Upper

105 100

120 45.4 37.8 56.6

91 10.8 43.8 65.8#

77 14.4 19.9 29.9#

Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

1000000

500000

0

Time-->

