

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034808.D
 Acq On : 5 Mar 2020 23:04
 Operator : SY/AP
 Sample : L1698-06DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-4DL

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:19:29 AM

Quant Time: Mar 06 12:40:11 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	5.67	49	446008	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.19	114	1154970	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.14	117	977039	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.47	95	977705	12.00	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	120.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.22	62	4743651	164.065	ppbv #	78
9) Propene	2.97	41	841231	42.060	ppbv	95
10) Heptane	8.18	43	3435580m	67.589	ppbv	
11) Trichlorofluoromethane	3.93	101	16812m	0.258	ppbv	
13) Ethanol	3.57	45	18060	2.635	ppbv	96
15) Acetone	3.83	43	1020396m	19.105	ppbv	
17) tert-Butyl alcohol	4.27	59	642297	15.251	ppbv	97
19) Isopropyl Alcohol	3.94	45	390219	12.194	ppbv #	1
20) Methylene Chloride	4.32	84	290293	15.229	ppbv	94
22) trans-1,2-Dichloroethene	4.87	96	324471	16.771	ppbv	99
24) 1,1-Dichloroethane	5.00	63	104165m	1.874	ppbv	
26) Hexane	5.69	57	3411723	84.616	ppbv #	42
27) Carbon Disulfide	4.53	76	981826	20.844	ppbv	96
30) Cyclohexane	7.15	84	890403	28.866	ppbv	90
31) cis-1,2-Dichloroethene	5.55	61	6119713	147.980	ppbv #	80
34) 2-Butanone	5.24	43	646149	8.599	ppbv	98
36) Benzene	6.91	78	7608708	77.095	ppbv #	86
38) Trichloroethene	7.86	130	307175	7.986	ppbv	93
39) 1,2-Dichloropropane	7.63	63	56206m	1.411	ppbv	
41) Tetrahydrofuran	6.06	42	34283m	0.894	ppbv	
44) 2,2,4-Trimethylpentane	7.92	57	5120015	29.687	ppbv #	78
52) Tetrachloroethene	11.28	164	84986m	2.331	ppbv	
53) Toluene	9.87	91	3908532	37.419	ppbv	98
58) Ethyl Benzene	12.79	91	9351299	77.665	ppbv #	78
59) m/p-Xylene	13.07	91	18676406	179.189	ppbv #	73
60) o-Xylene	13.77	91	8649466	82.020	ppbv	86
61) Styrene	13.59	104	14157m	0.216	ppbv	
62) Isopropylbenzene	14.72	105	193422	1.246	ppbv	99
64) n-propylbenzene	15.62	120	54670m	1.405	ppbv	
67) sec-Butylbenzene	17.34	105	30283m	0.158	ppbv	
71) 2-Chlorotoluene	15.51	91	99238	0.847	ppbv	87
72) 4-Ethyltoluene	15.89	105	279633	2.382	ppbv	95
73) 1,3,5-Trimethylbenzene	16.05	105	239476	2.126	ppbv	94
74) 1,2,4-Trimethylbenzene	16.82	105	271112	2.214	ppbv #	67

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

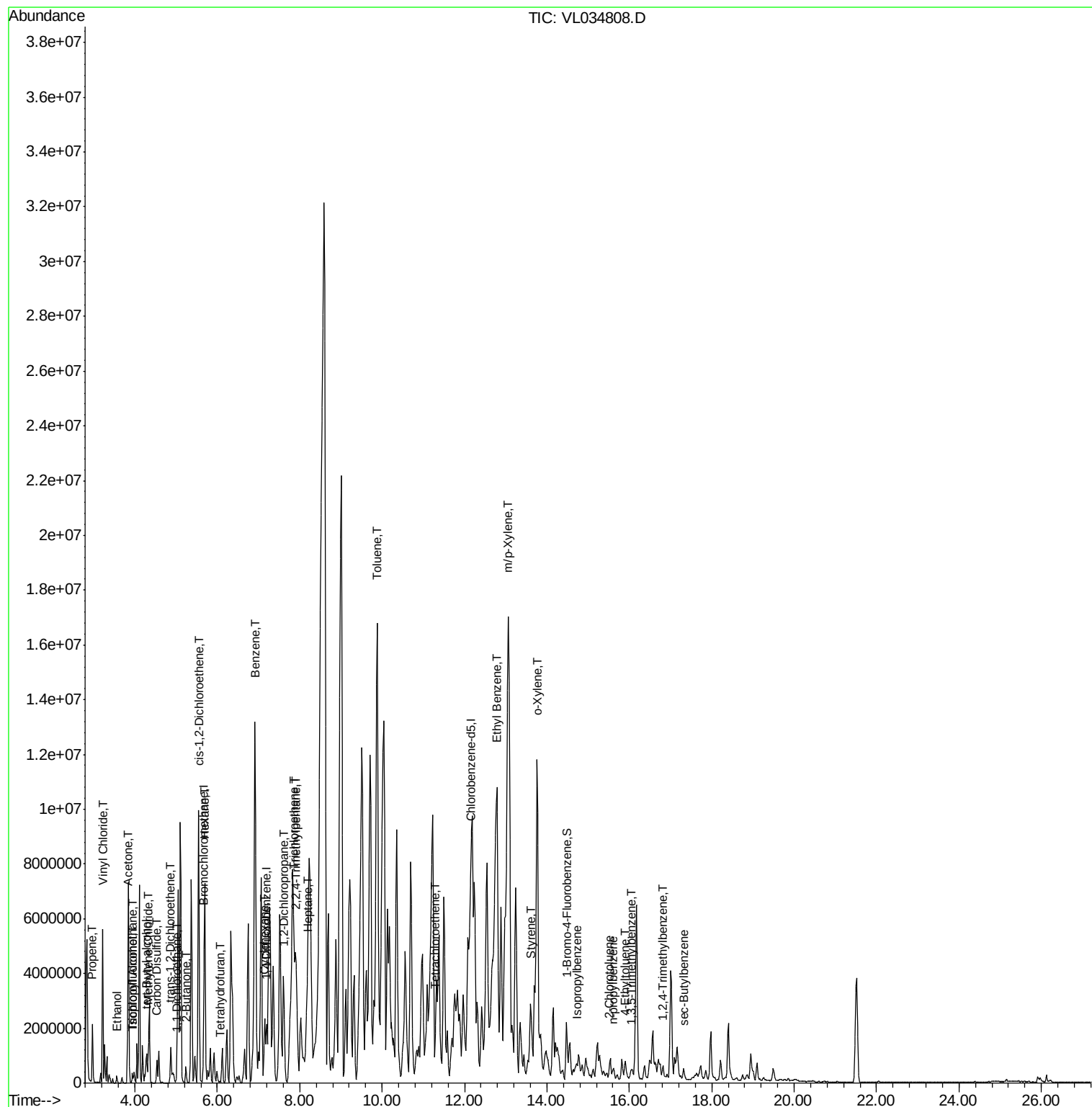
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030520\
Data File : VL034808.D
Acq On : 5 Mar 2020 23:04
Operator : SY/AP
Sample : L1698-06DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

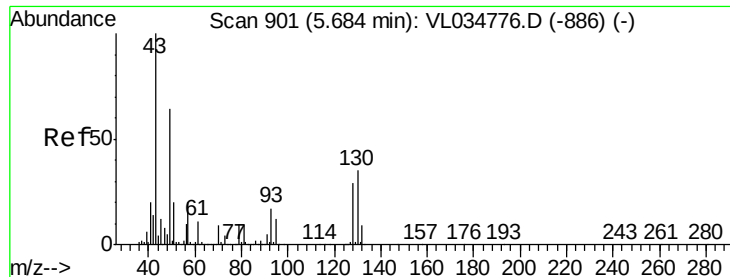
Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

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3/9/2020 9:19:29 AM

Quant Time: Mar 06 12:40:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.02 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

Instrument :

MSVOA_L

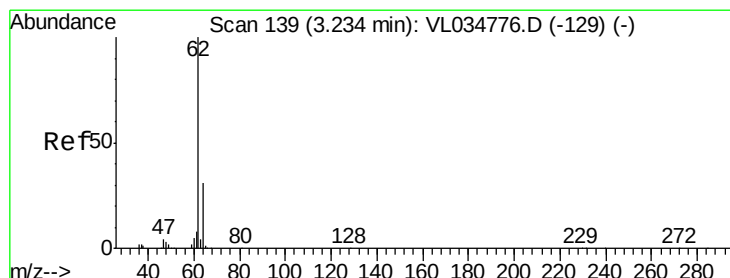
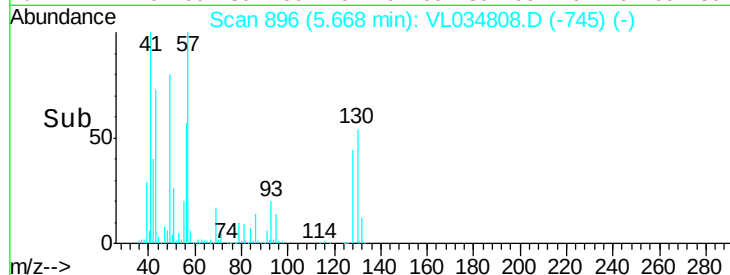
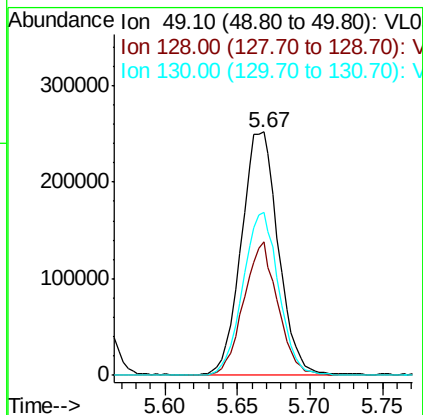
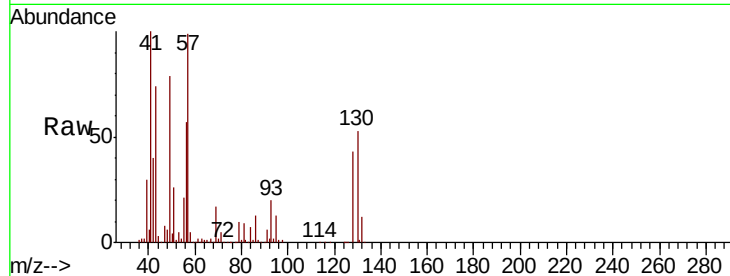
ClientSampled :

SS-3-4DL

Tot Ion:	49	Resp:	446008
Ion	Ratio	Lower	Upper
49	100		
128	50.9	21.6	64.6
130	65.2	27.4	82.2

Manual Integrations
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#5

Vinyl Chloride

Concen: 164.065 ppbv

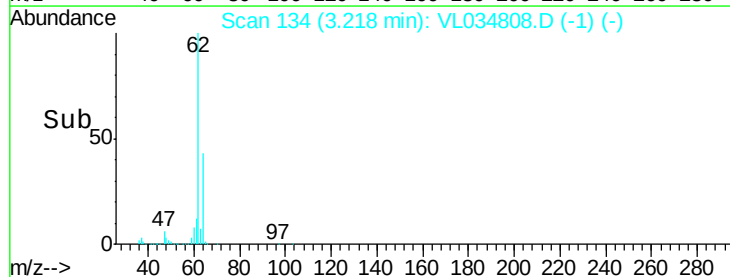
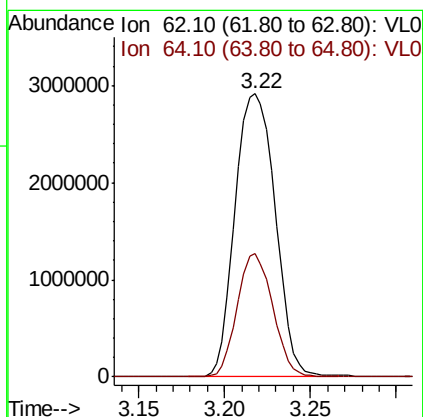
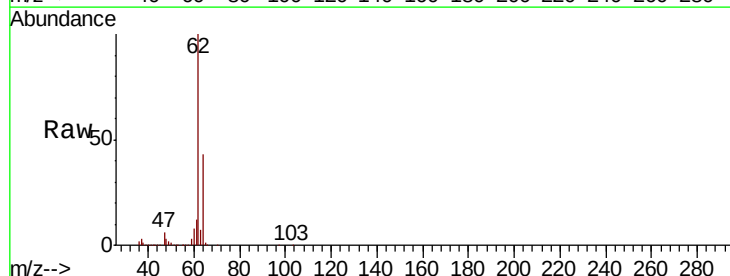
RT: 3.22 min Scan# 134

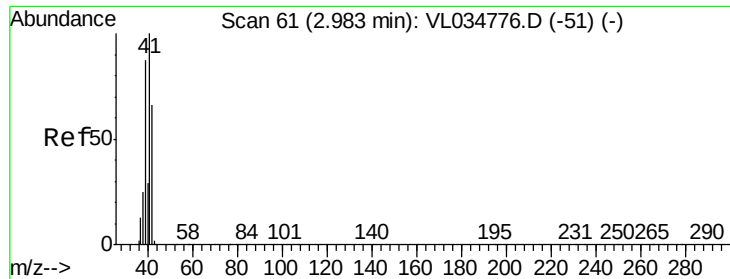
Delta R.T. -0.02 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

Tgt Ion:	62	Resp:	4743651
Ion	Ratio	Lower	Upper
62	100		
64	43.4	25.1	37.7#





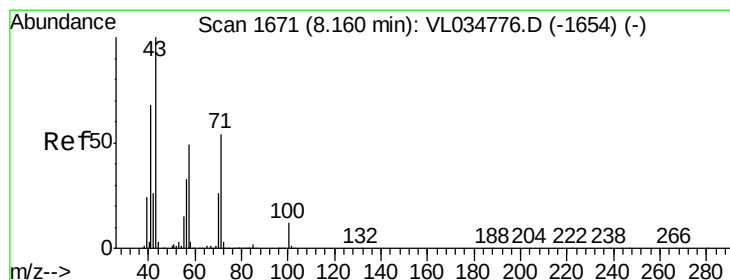
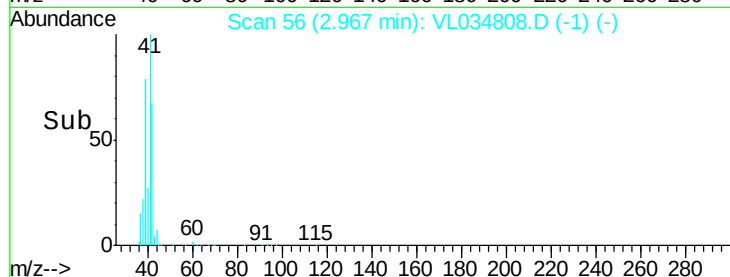
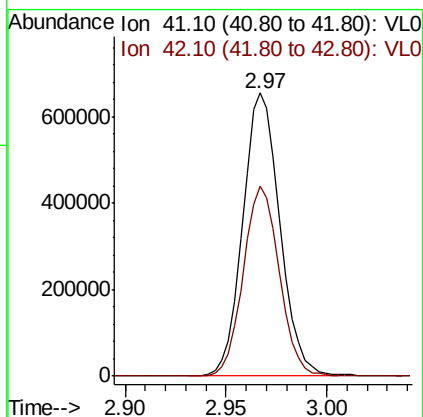
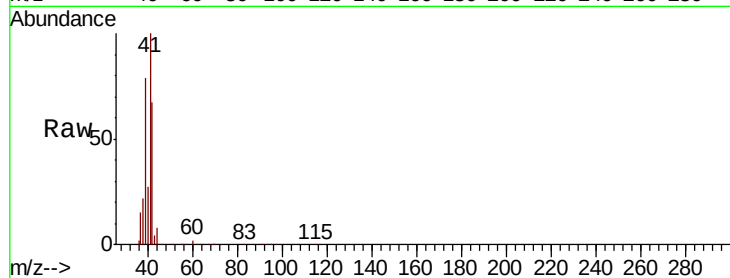
#9
 Propene
 Concen: 42.060 ppbv
 RT: 2.97 min Scan# 56
 Delta R.T. -0.02 min
 Lab File: VL034808.D
 Acq: 5 Mar 2020 23:04

Instrument :
 MSVOA_L
 ClientSampled :
 SS-3-4DL

Tot Ion: 41 Resp: 841231
 Ion Ratio Lower Upper
 41 100
 42 65.7 55.6 83.4

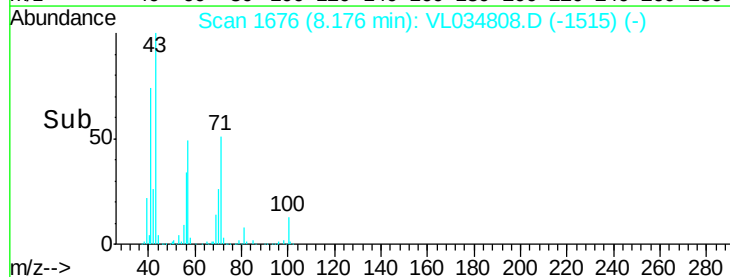
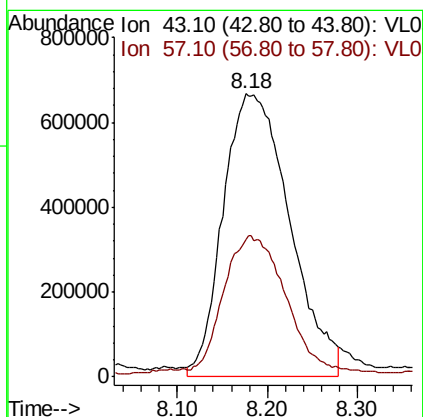
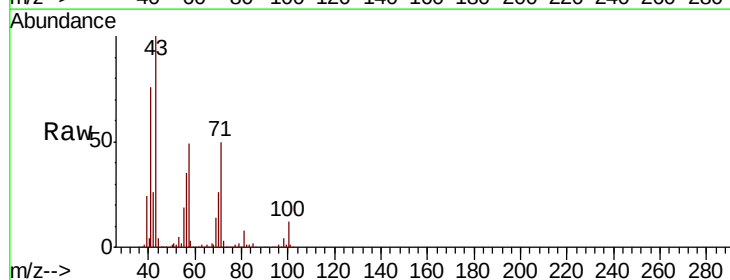
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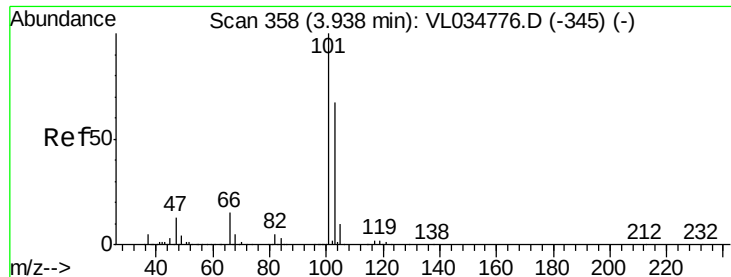
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#10
 Heptane
 Concen: 67.589 ppbv m
 RT: 8.18 min Scan# 1676
 Delta R.T. 0.02 min
 Lab File: VL034808.D
 Acq: 5 Mar 2020 23:04

Tgt Ion: 43 Resp: 3435580
 Ion Ratio Lower Upper
 43 100
 57 46.6 40.5 60.7





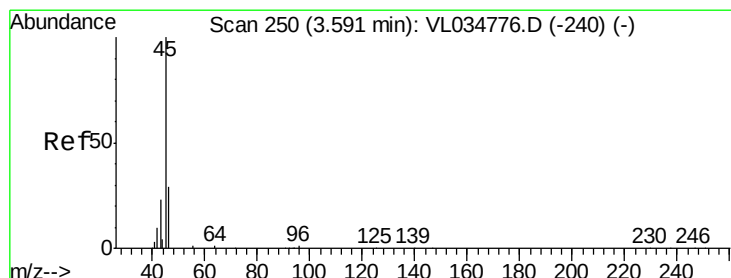
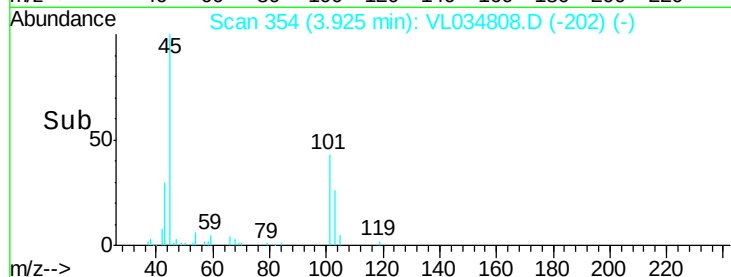
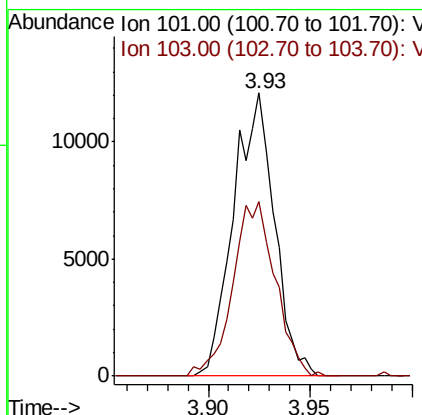
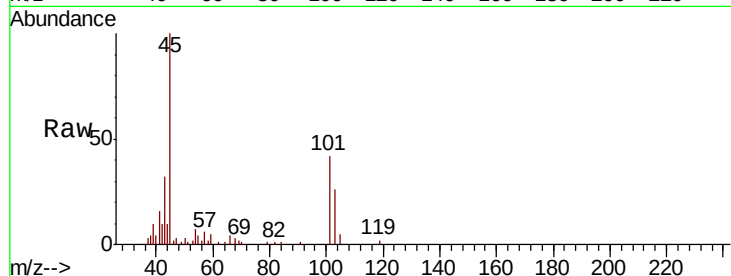
#11
 Trichlorofluoromethane
 Concen: 0.258 ppbv
 RT: 3.93 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VL034808.D
 Acq: 5 Mar 2020 23:04

Instrument :
 MSVOA_L
 ClientSampleID :
 SS-3-4DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	101	100	16812		
103	103	61.8	53.6	80.4	

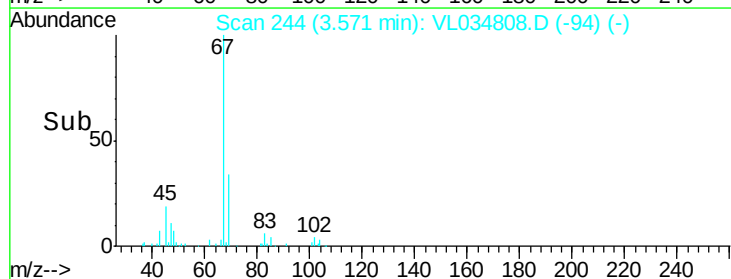
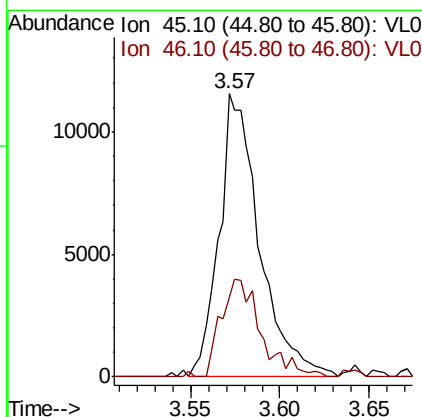
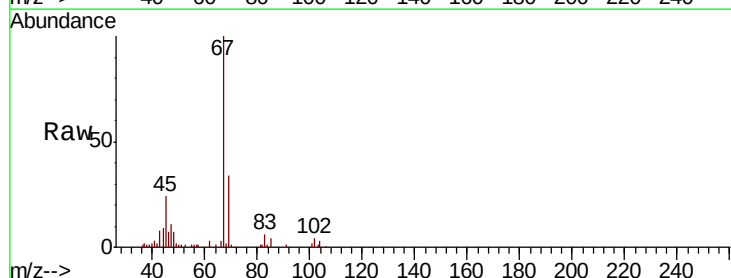
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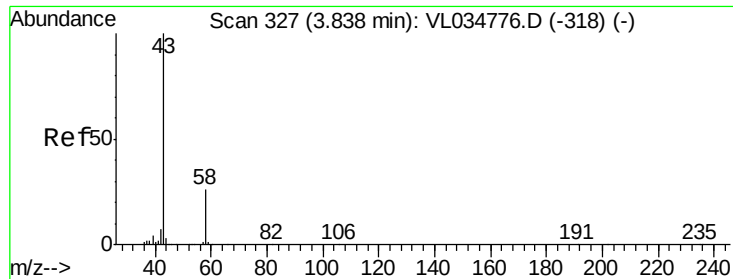
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#13
 Ethanol
 Concen: 2.635 ppbv
 RT: 3.57 min Scan# 244
 Delta R.T. -0.02 min
 Lab File: VL034808.D
 Acq: 5 Mar 2020 23:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	45	100	18060		
46	46	34.5	14.7	58.9	





#15

Acetone

Concen: 19.105 ppbv m

RT: 3.83 min Scan# 323

Delta R.T. -0.01 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4DL

Tot Ion: 43 Resp: 1020396

Ion Ratio Lower Upper

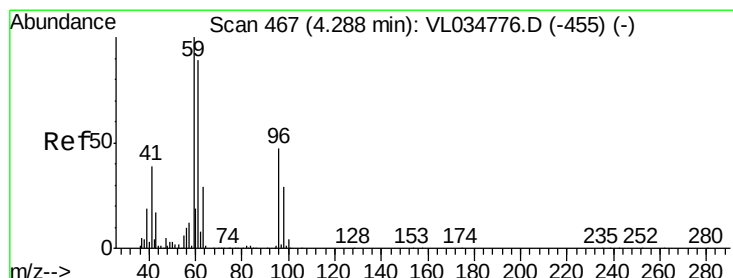
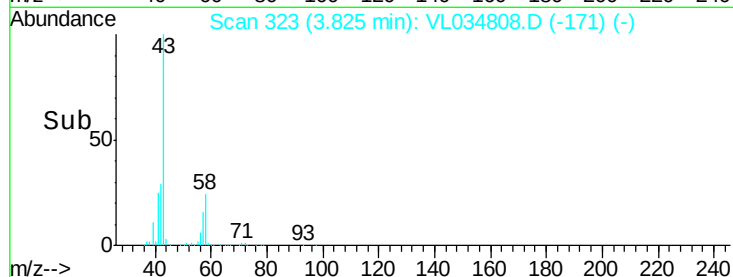
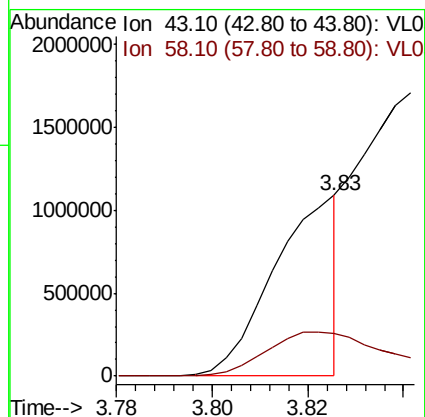
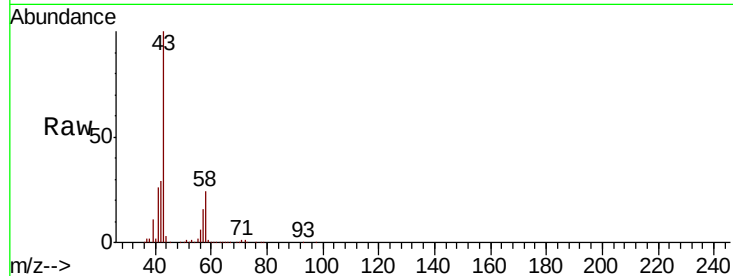
43 100

58 49.3 21.0 31.6#

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#17

tert-Butyl alcohol

Concen: 15.251 ppbv

RT: 4.27 min Scan# 462

Delta R.T. -0.02 min

Lab File: VL034808.D

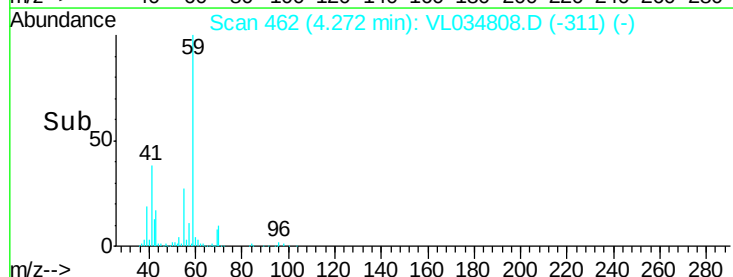
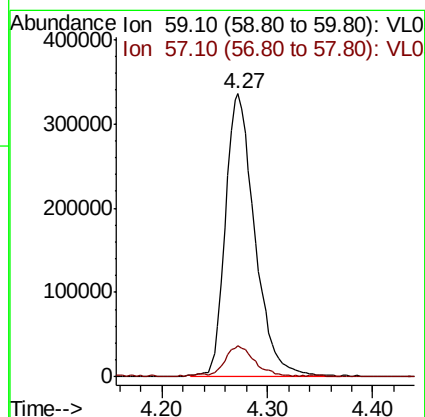
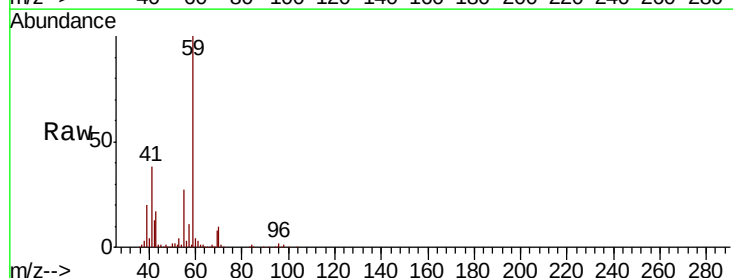
Acq: 5 Mar 2020 23:04

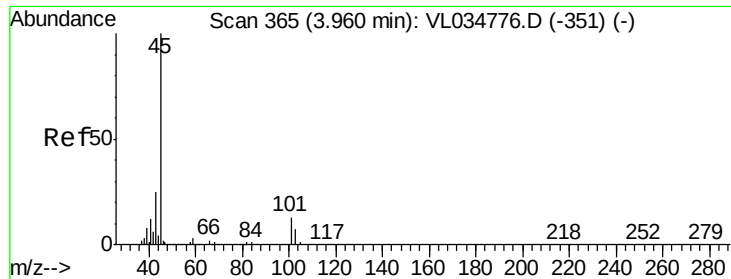
Tgt Ion: 59 Resp: 642297

Ion Ratio Lower Upper

59 100

57 11.8 8.6 13.0





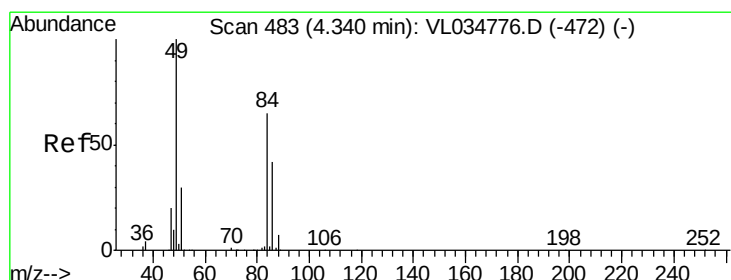
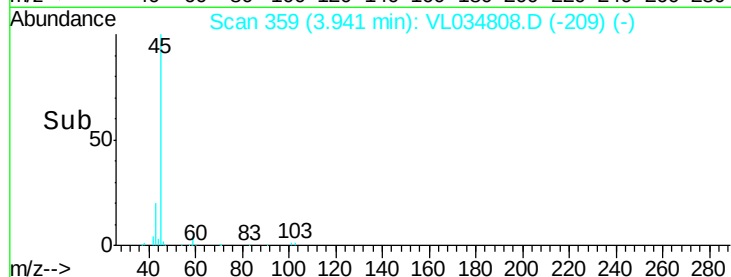
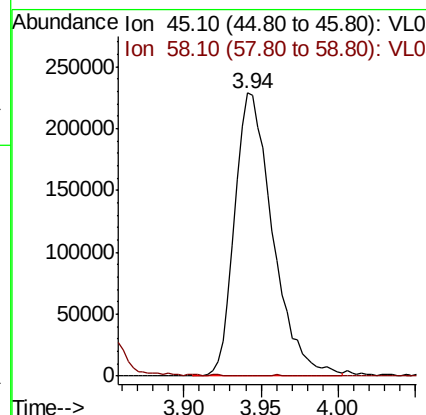
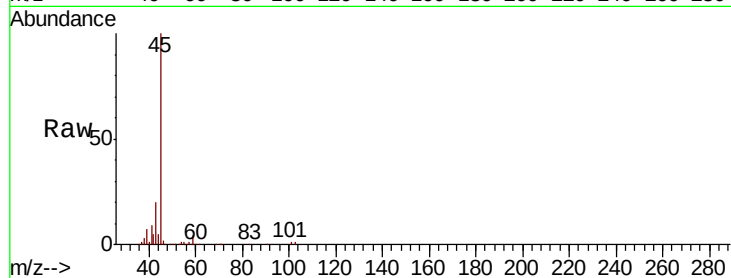
#19
Isopropyl Alcohol
Concen: 12.194 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampled :
SS-3-4DL

Tot Ion	Ratio	Lower	Upper
45	100		
58	128.1	1.8	2.8#

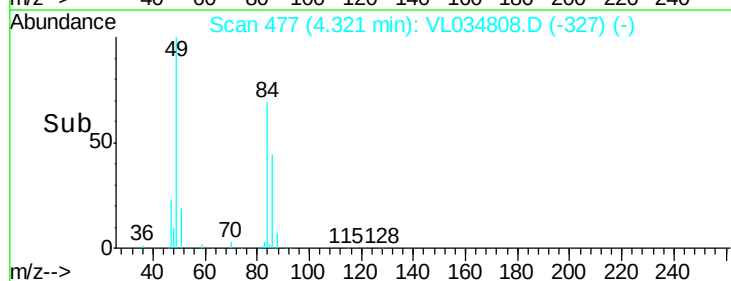
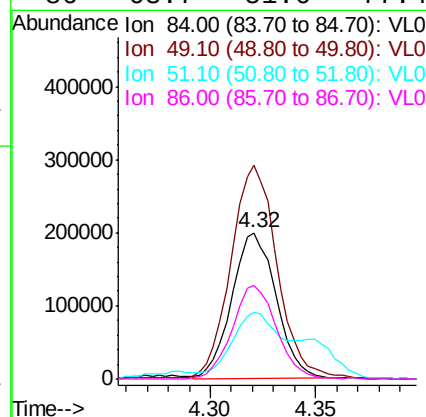
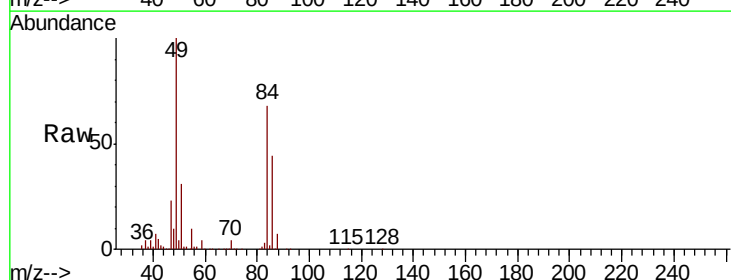
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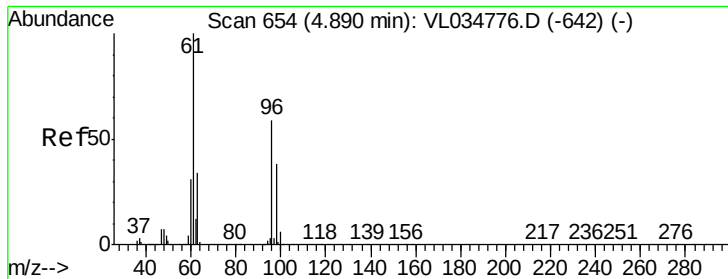
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#20
Methylene Chloride
Concen: 15.229 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	144.9	123.2	184.8
51	41.6	37.4	56.2
86	63.7	51.6	77.4





#22

trans-1,2-Dichloroethene

Concen: 16.771 ppbv

RT: 4.87 min Scan# 648

Delta R.T. -0.02 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

Instrument :

MSVOA_L

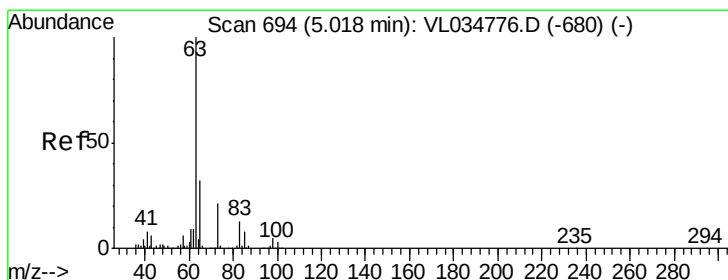
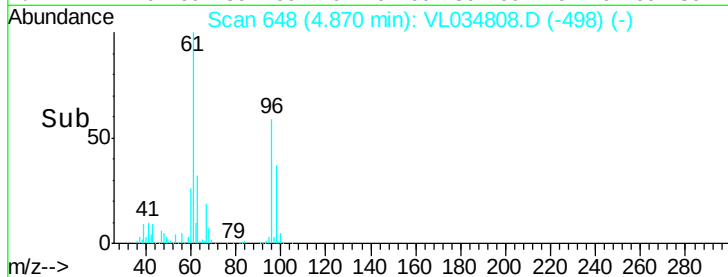
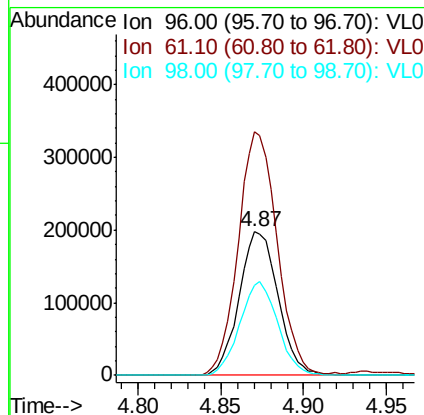
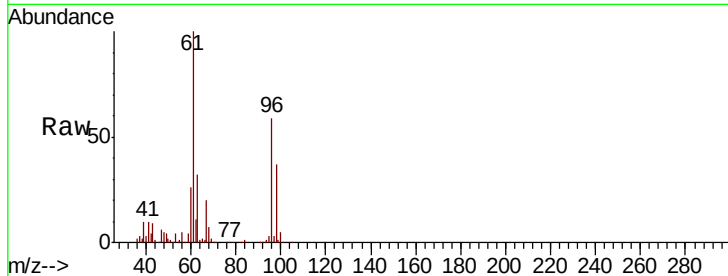
ClientSampleId :

SS-3-4DL

Tot Ion:	96	Resp:	324471
Ion Ratio	Lower	Upper	
96	100		
61	169.7	135.2	202.8
98	62.5	50.8	76.2

Manual Integrations
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3/9/2020 9:19:29 AM



#24

1,1-Dichloroethane

Concen: 1.874 ppbv m

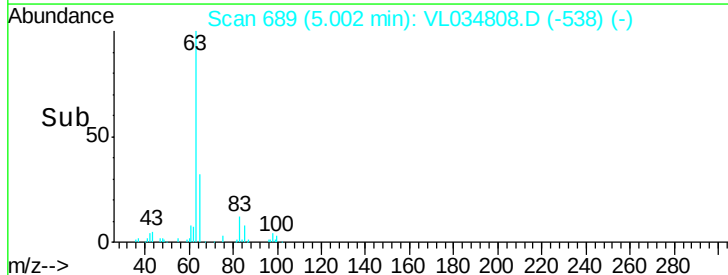
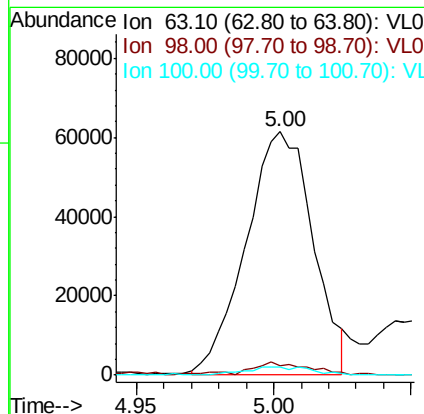
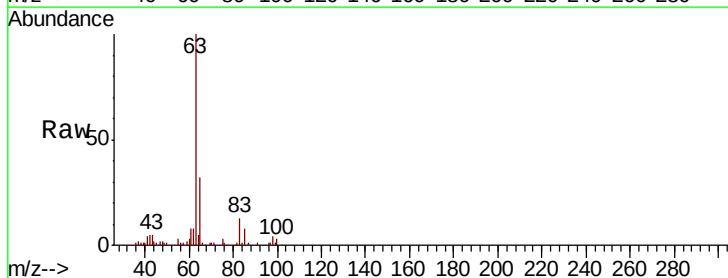
RT: 5.00 min Scan# 689

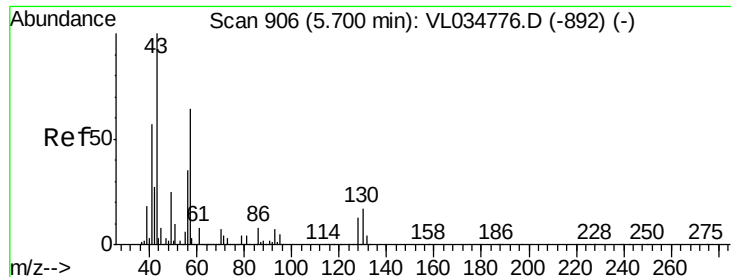
Delta R.T. -0.02 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

Tgt Ion:	63	Resp:	104165
Ion Ratio	Lower	Upper	
63	100		
98	3.7	2.3	6.8
100	3.1	1.5	4.4





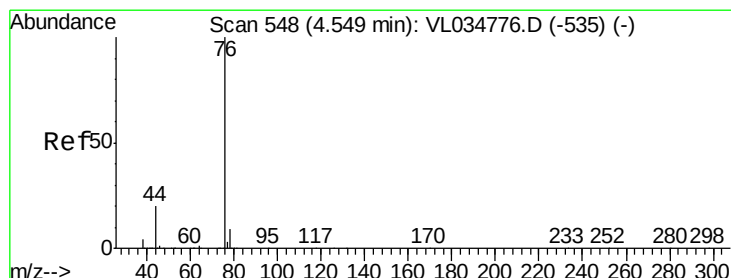
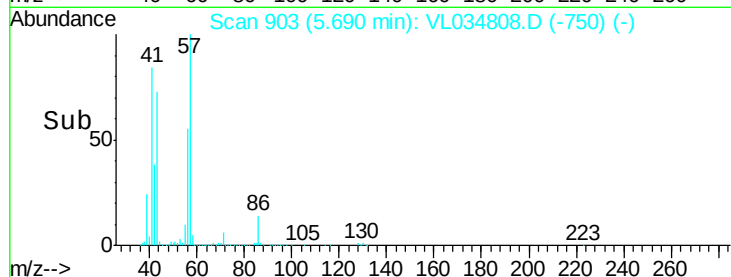
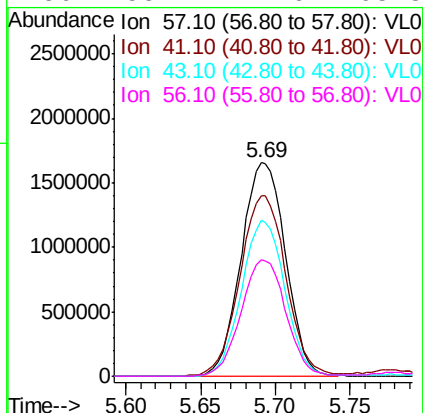
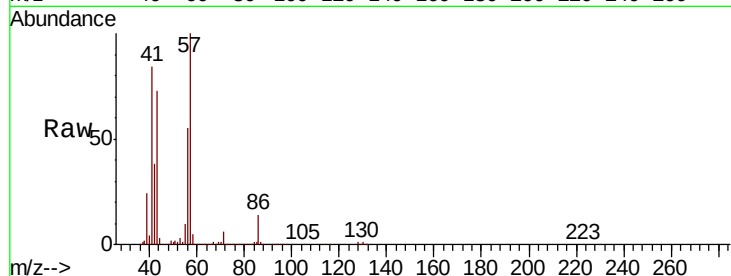
#26
Hexane
Concen: 84.616 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampled :
SS-3-4DL

Tot Ion	57	Resp	3411723
Ion	Ratio	Lower	Upper
57	100		
41	88.2	72.0	108.0
43	71.6	179.1	268.7#
56	55.2	42.6	63.8

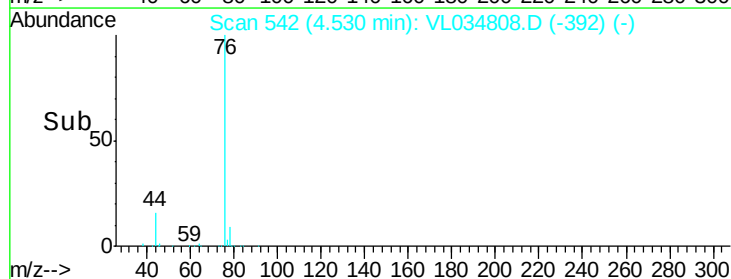
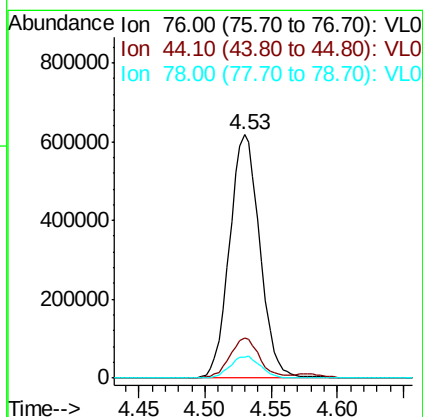
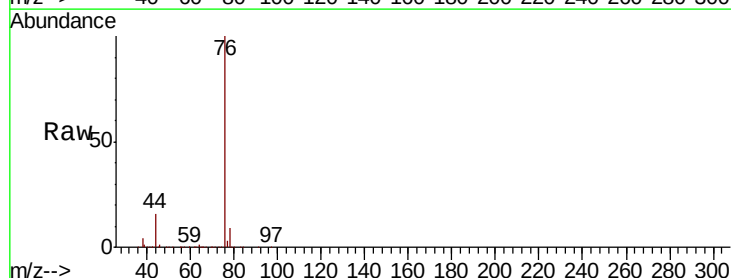
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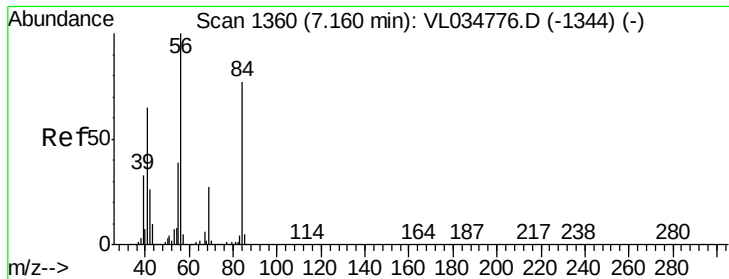
MMDadoda
3/9/2020 9:19:29 AM



#27
Carbon Disulfide
Concen: 20.844 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion	76	Resp	981826
Ion	Ratio	Lower	Upper
76	100		
44	17.4	16.1	24.1
78	9.2	7.5	11.3





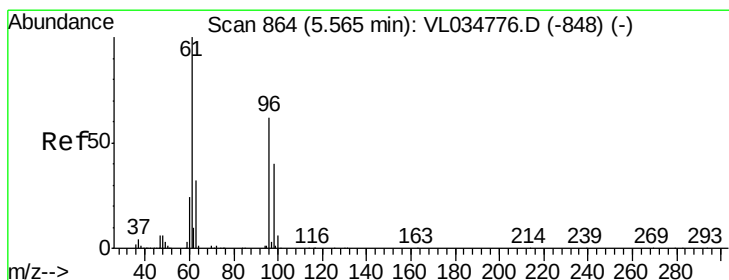
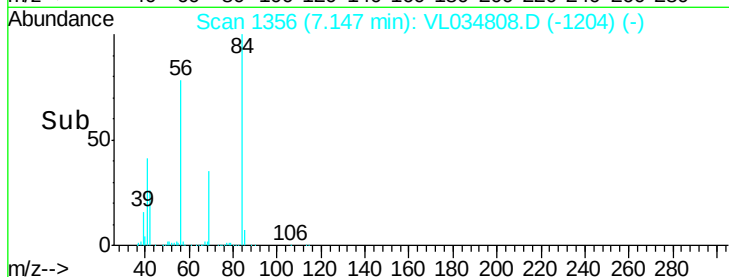
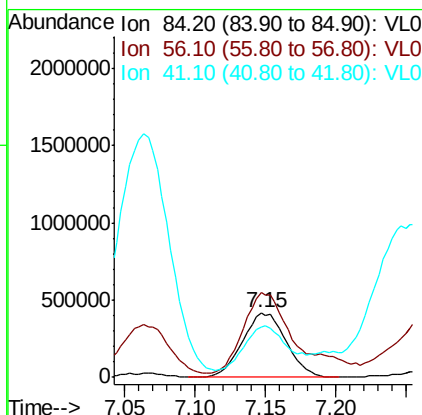
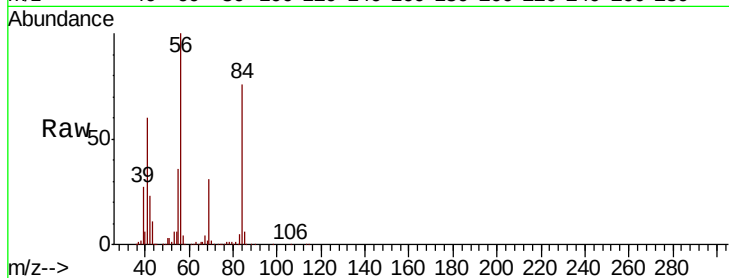
#30
Cyclohexane
Concen: 28.866 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampled :
SS-3-4DL

Tot Ion	Ratio	Lower	Upper
84	100		
56	146.9	113.2	169.8
41	71.1	70.2	105.4

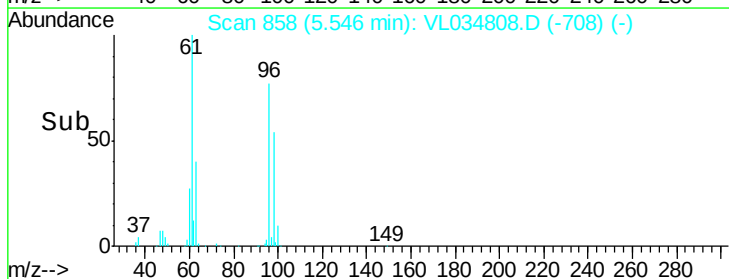
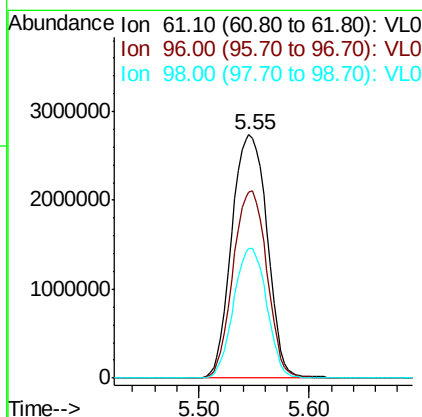
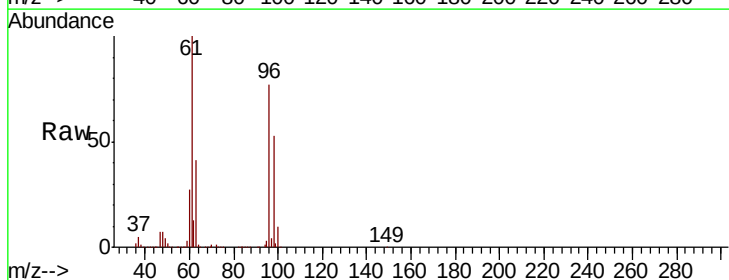
Manual Integrations
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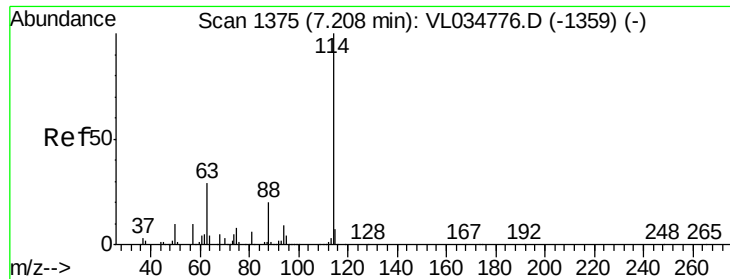
MMDadoda
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#31
cis-1,2-Dichloroethene
Concen: 147.980 ppbv
RT: 5.55 min Scan# 858
Delta R.T. -0.02 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion	Ratio	Lower	Upper
61	100		
96	76.6	49.7	74.5#
98	53.5	31.9	47.9#





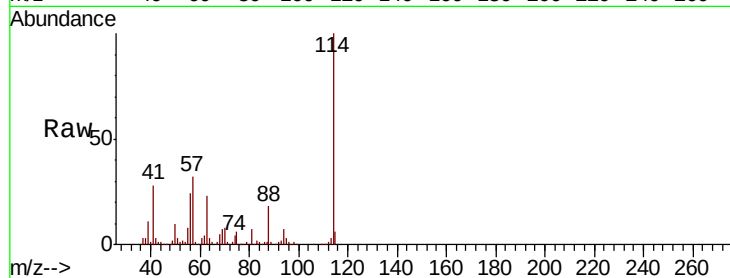
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: VL034808.D
 Acq: 5 Mar 2020 23:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-4DL

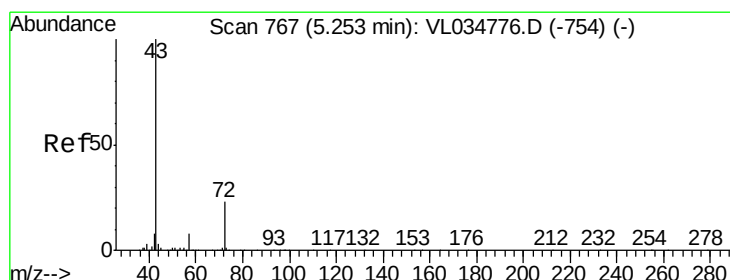
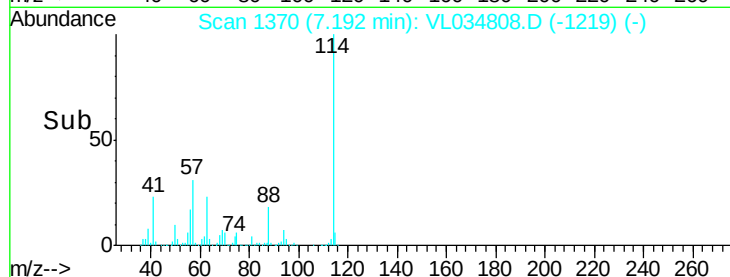
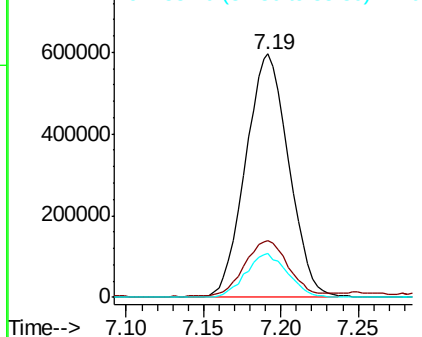
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.9	23.6	35.4
88	17.7	15.8	23.8

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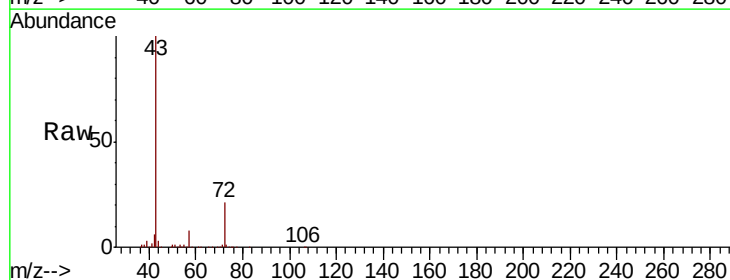


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

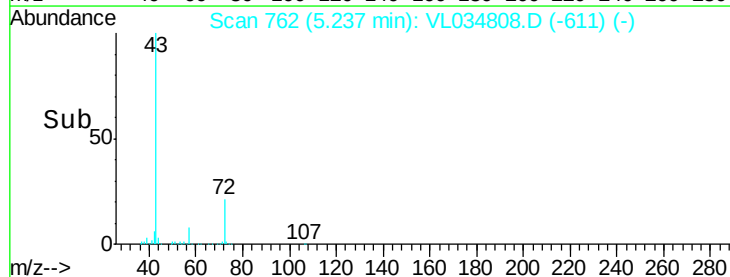
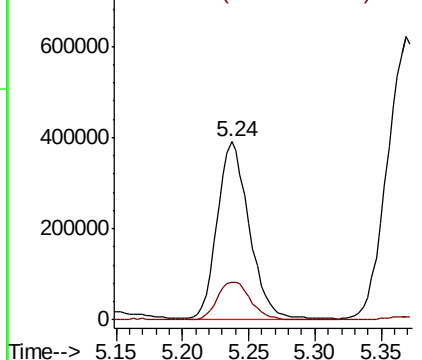


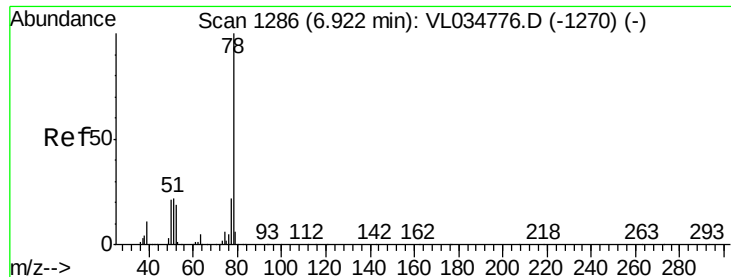
#34
 2-Butanone
 Concen: 8.599 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: VL034808.D
 Acq: 5 Mar 2020 23:04

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.8	17.5	26.3



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 77.095 ppbv

RT: 6.91 min Scan# 1281

Delta R.T. -0.02 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4DL

Tot Ion: 78 Resp: 7608708

Ion Ratio Lower Upper

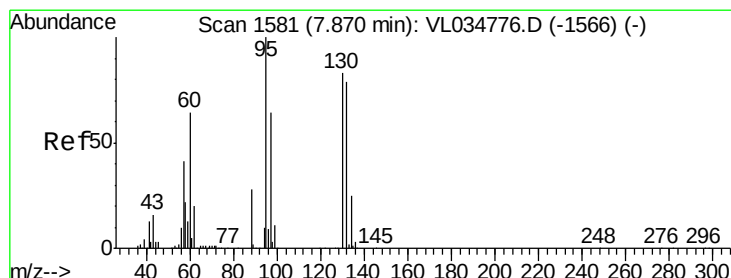
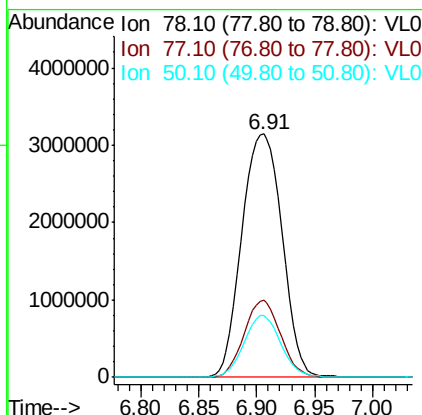
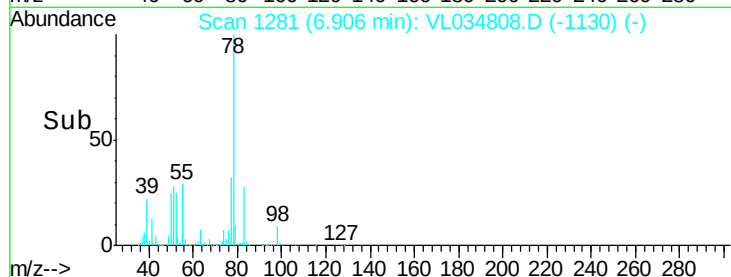
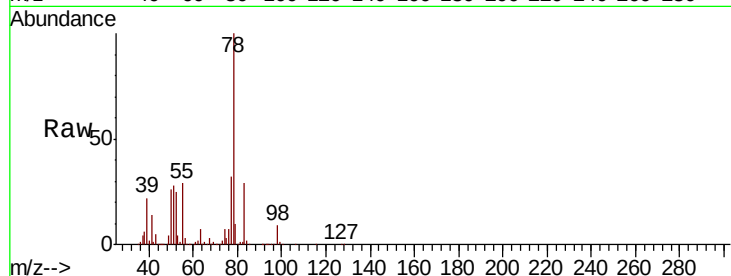
78 100

77 31.8 18.0 27.0#

50 25.4 16.9 25.3#

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#38

Trichloroethene

Concen: 7.986 ppbv

RT: 7.86 min Scan# 1578

Delta R.T. -0.01 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

Tgt Ion: 130 Resp: 307175

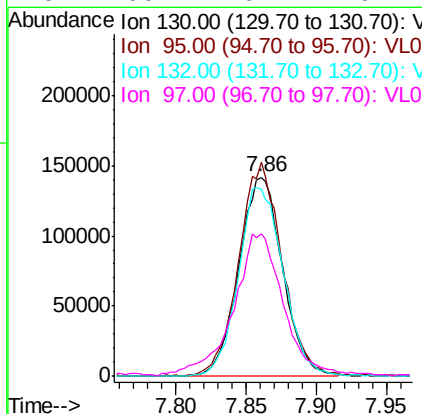
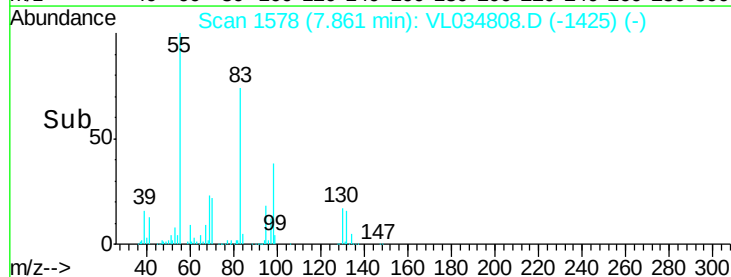
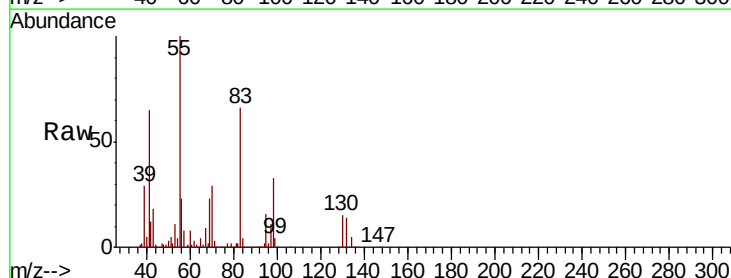
Ion Ratio Lower Upper

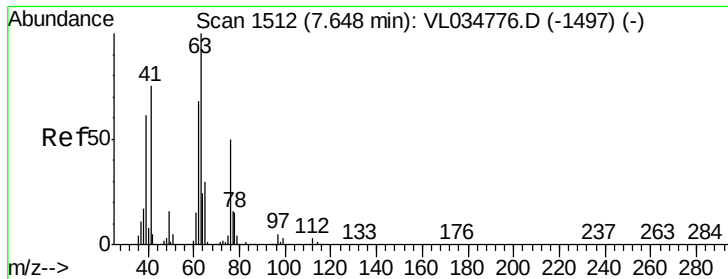
130 100

95 107.0 95.8 143.8

132 94.1 76.1 114.1

97 69.1 61.1 91.7





#39

1,2-Dichloropropane

Concen: 1.411 ppbv m

RT: 7.63 min Scan# 1505

Delta R.T. -0.02 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

Instrument :

MSVOA_L

ClientSampled :

SS-3-4DL

Tot Ion: 63 Resp: 56206

Ion Ratio Lower Upper

63 100

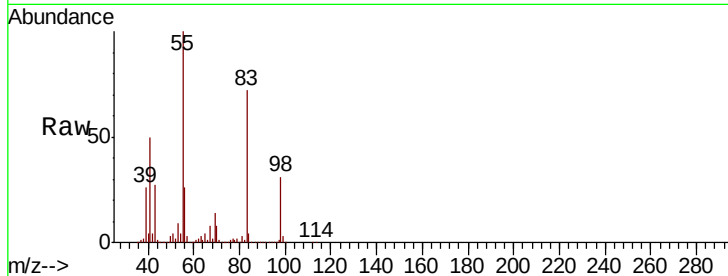
41 1440.2 60.3 90.5

62 64.4 54.5 81.7

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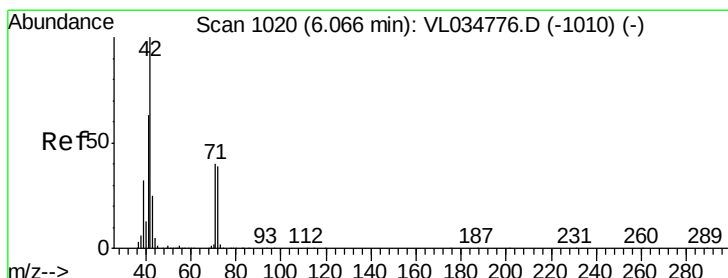
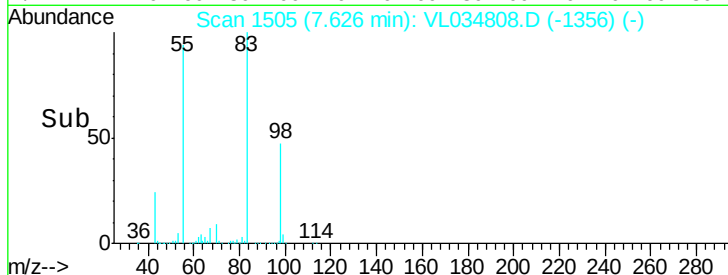
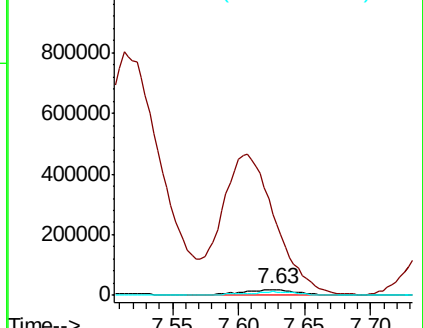
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Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#41

Tetrahydrofuran

Concen: 0.894 ppbv m

RT: 6.06 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

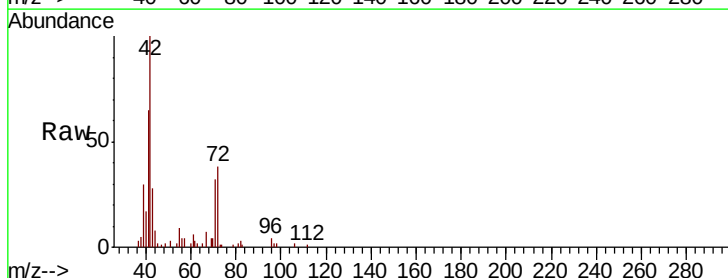
Tgt Ion: 42 Resp: 34283

Ion Ratio Lower Upper

42 100

72 0.0 32.0 48.0#

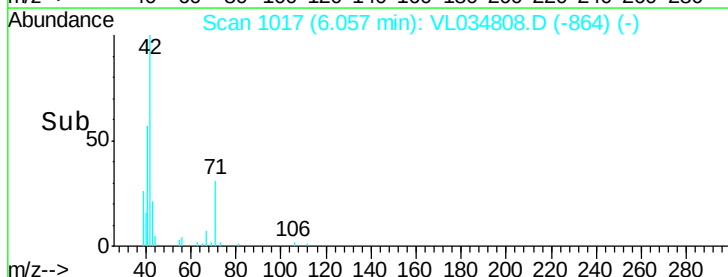
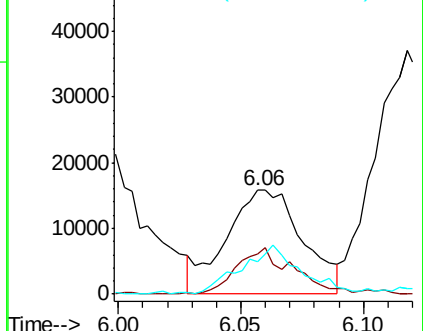
71 0.0 31.3 46.9#

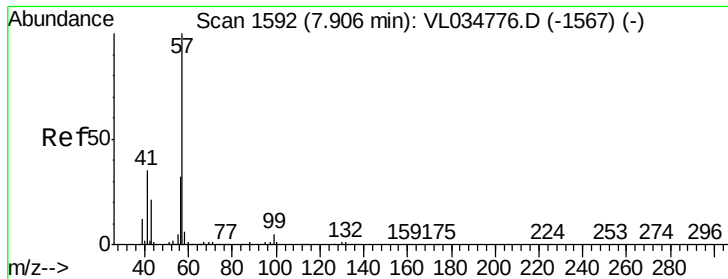


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





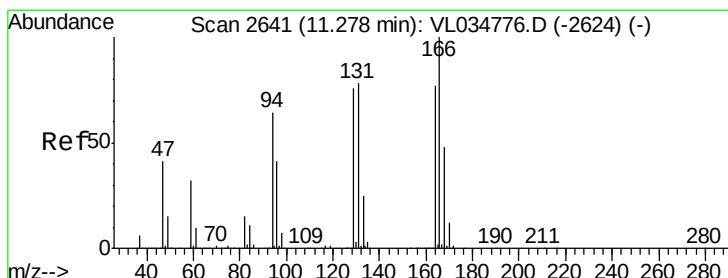
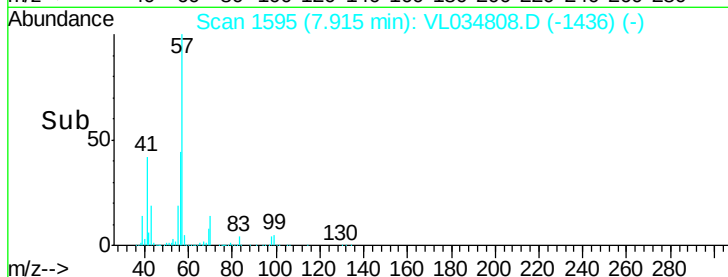
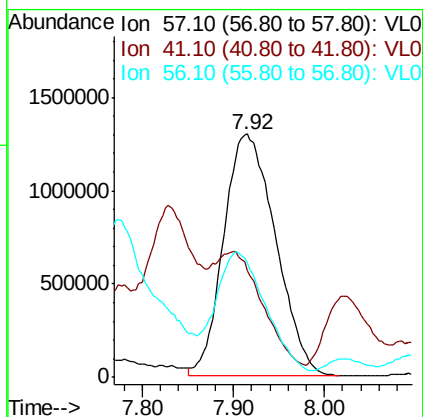
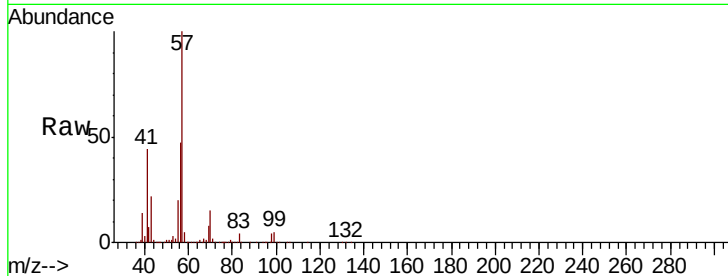
#44
2,2,4-Trimethylpentane
Concen: 29.687 ppbv
RT: 7.92 min Scan# 1595
Delta R.T. 0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	43.5	27.4	41.0#
56	46.8	25.0	37.6#

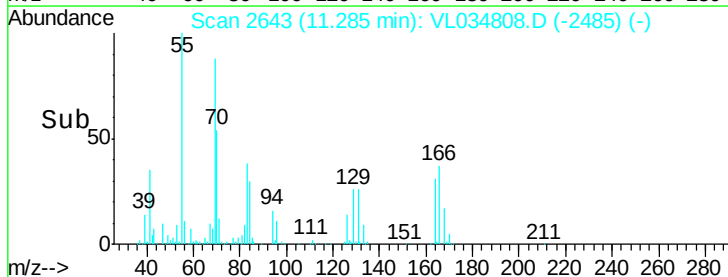
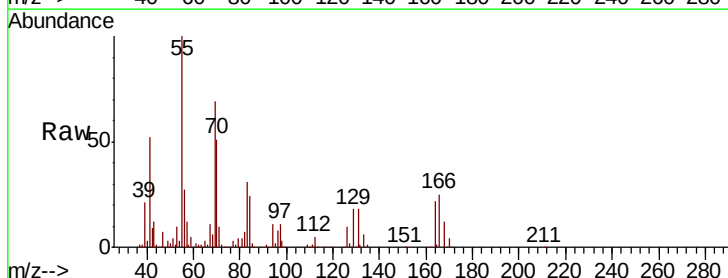
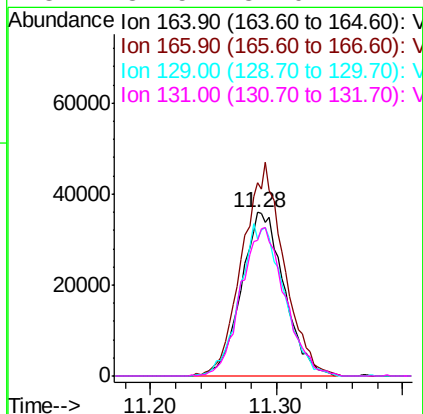
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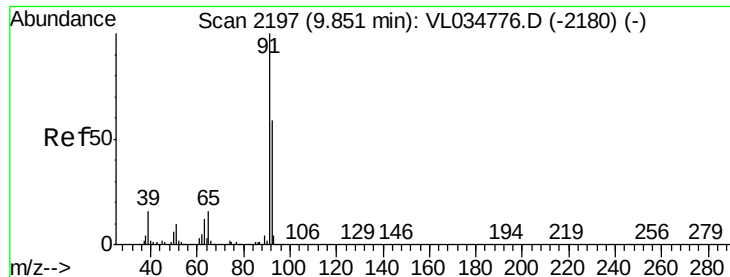
MMDadoda
3/9/2020 9:19:29 AM



#52
Tetrachloroethene
Concen: 2.331 ppbv m
RT: 11.28 min Scan# 2643
Delta R.T. 0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.8	103.3	154.9
129	83.4	79.0	118.4
131	82.5	81.0	121.4





#53

Toluene

Concen: 37.419 ppbv

RT: 9.87 min Scan# 2202

Delta R.T. 0.02 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4DL

Tot Ion: 91 Resp: 3908532

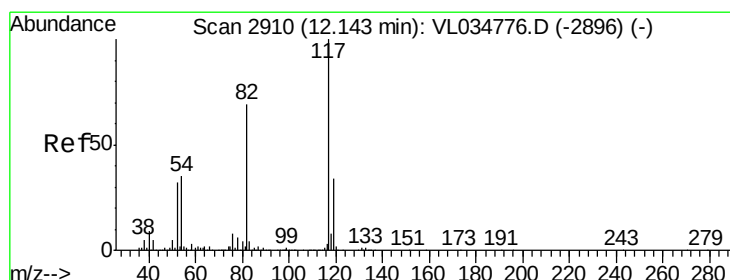
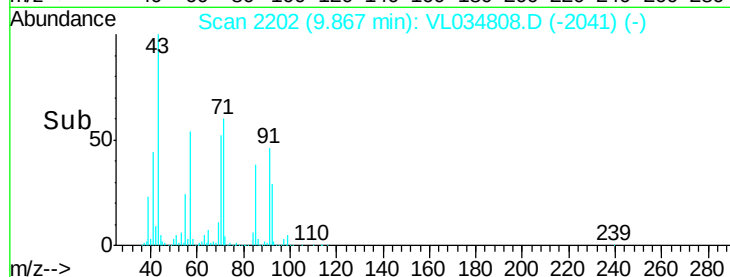
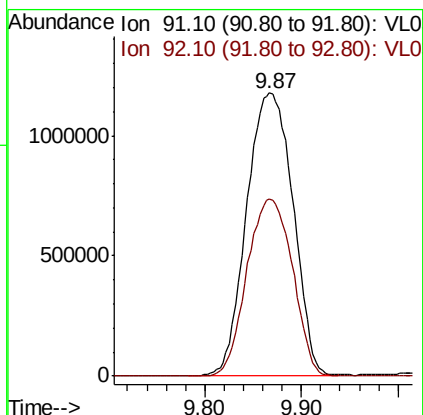
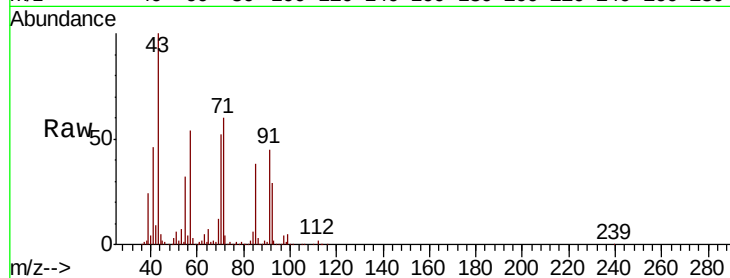
Ion Ratio Lower Upper

91 100

92 61.8 48.2 72.2

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.14 min Scan# 2910

Delta R.T. 0.00 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

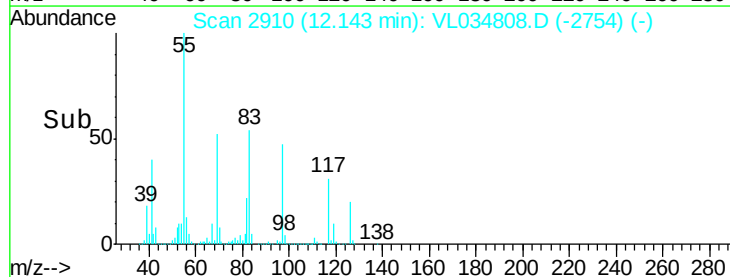
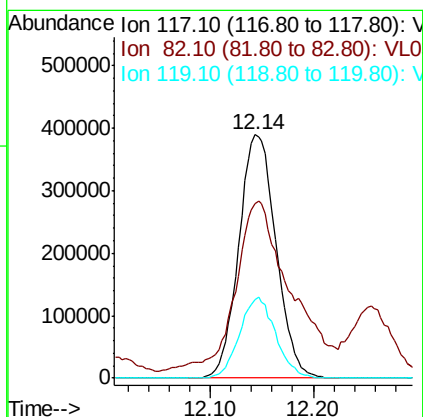
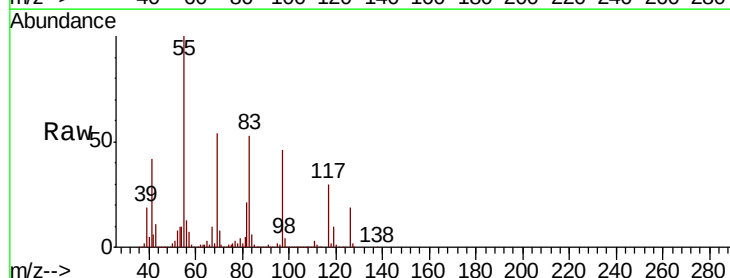
Tgt Ion: 117 Resp: 977039

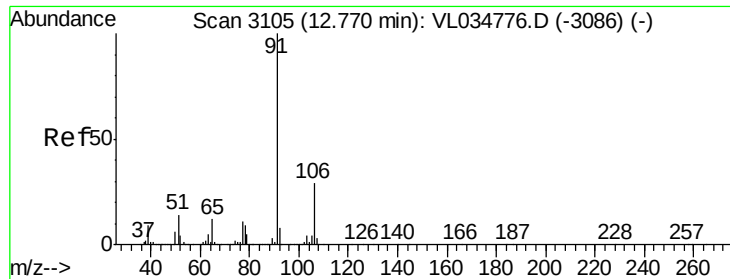
Ion Ratio Lower Upper

117 100

82 109.7 53.9 80.9#

119 32.2 25.0 37.4





#58

Ethyl Benzene

Concen: 77.665 ppbv

RT: 12.79 min Scan# 3110

Delta R.T. 0.02 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

Instrument :

MSVOA_L

ClientSampled :

SS-3-4DL

Tot Ion: 91 Resp: 9351299

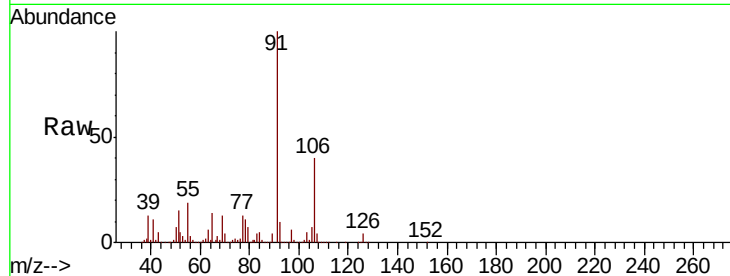
Ion Ratio Lower Upper

91 100

106 40.0 22.8 34.2#

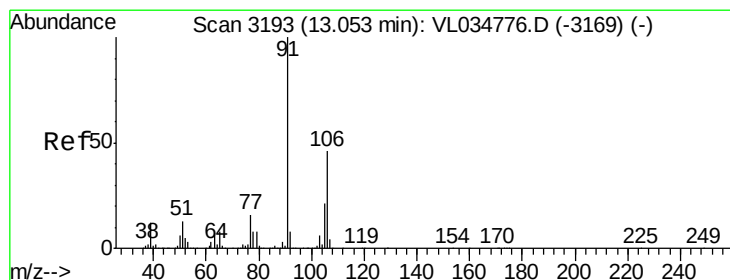
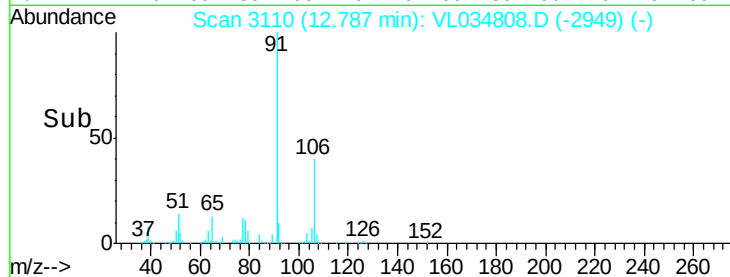
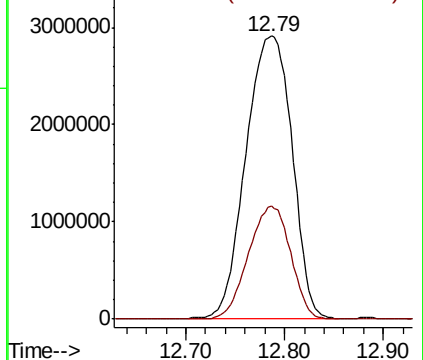
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 179.189 ppbv

RT: 13.07 min Scan# 3197

Delta R.T. 0.01 min

Lab File: VL034808.D

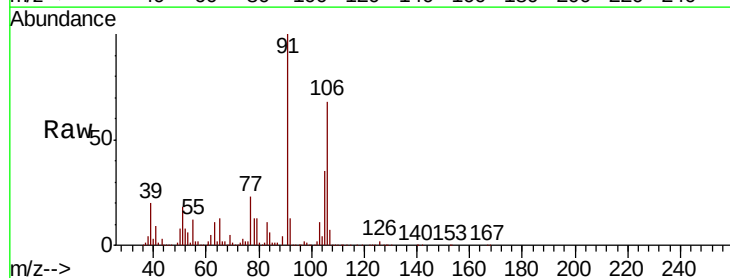
Acq: 5 Mar 2020 23:04

Tgt Ion: 91 Resp: 18676406

Ion Ratio Lower Upper

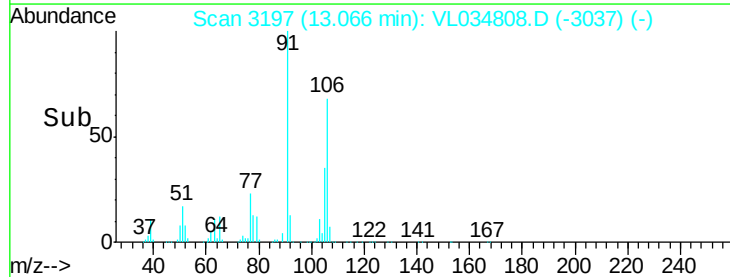
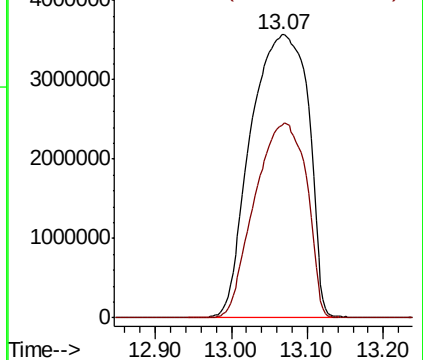
91 100

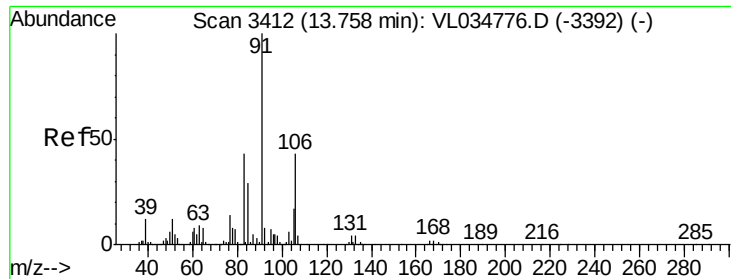
106 62.2 35.8 53.8#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





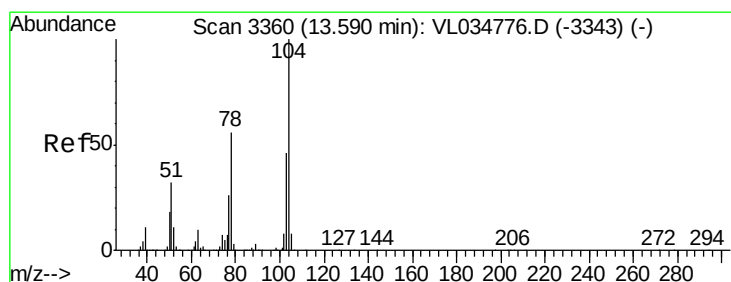
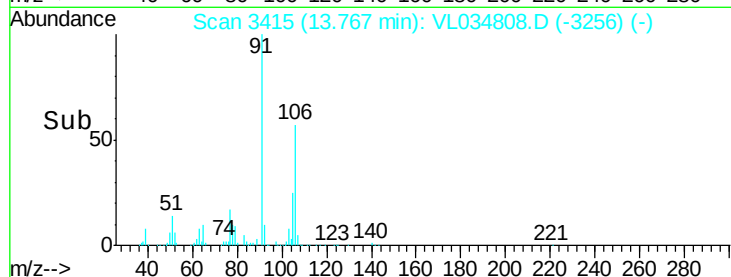
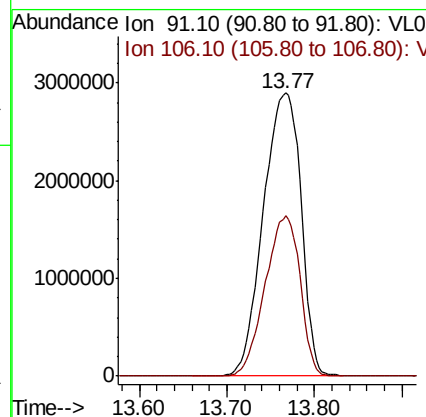
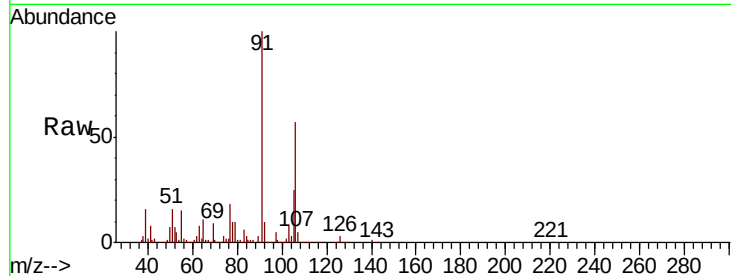
#60
o-Xylene
Concen: 82.020 ppbv
RT: 13.77 min Scan# 3415
Delta R.T. 0.01 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Instrument :
MSVOA_L
ClientSampleId :
SS-3-4DL

Tot Ion: 91 Resp: 8649466
Ion Ratio Lower Upper
91 100
106 52.6 21.7 65.1

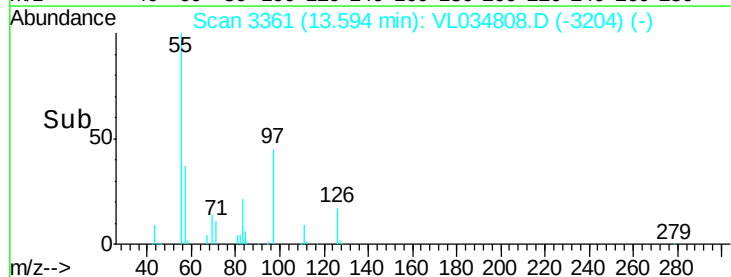
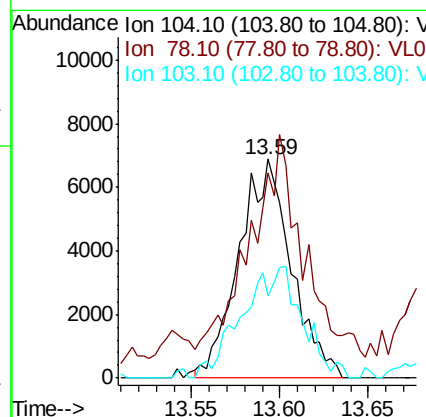
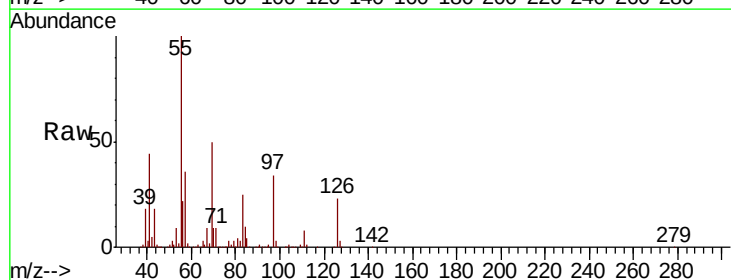
Manual Integrations
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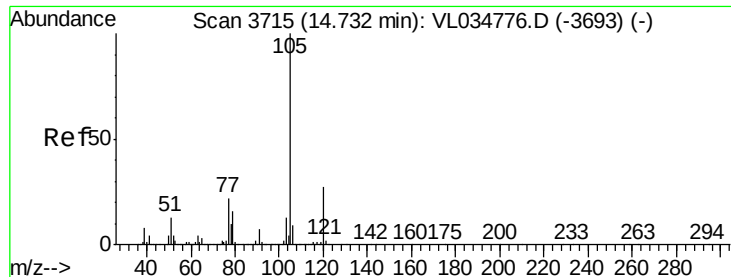
MMDadoda
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#61
Styrene
Concen: 0.216 ppbv m
RT: 13.59 min Scan# 3361
Delta R.T. 0.00 min
Lab File: VL034808.D
Acq: 5 Mar 2020 23:04

Tgt Ion: 104 Resp: 14157
Ion Ratio Lower Upper
104 100
78 0.0 44.7 67.1#
103 0.0 38.2 57.2#





#62

Isopropylbenzene

Concen: 1.246 ppbv

RT: 14.72 min Scan# 3711

Delta R.T. -0.01 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

Instrument :

MSVOA_L

ClientSampleId :

SS-3-4DL

Tot Ion:105 Resp: 193422

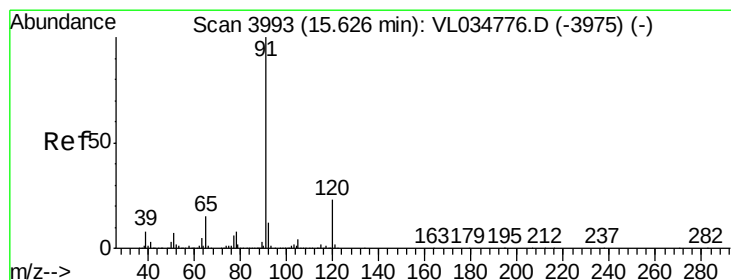
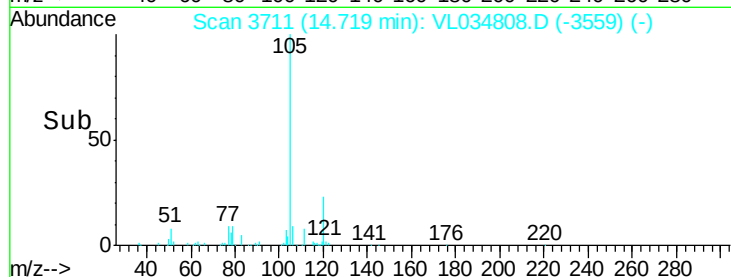
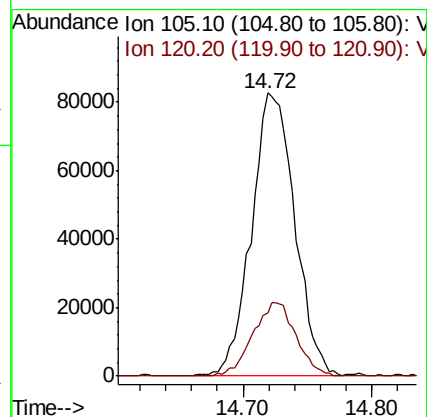
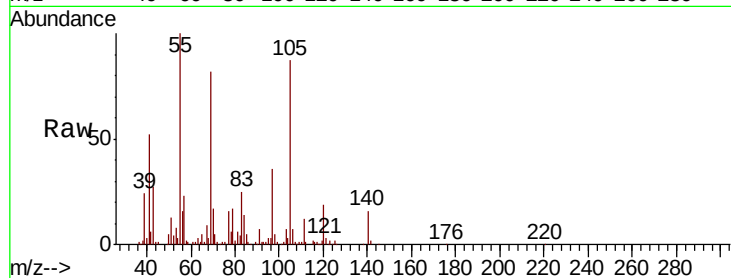
Ion Ratio Lower Upper

105 100

120 26.1 20.5 30.7

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#64

n-propylbenzene

Concen: 1.405 ppbv m

RT: 15.62 min Scan# 3991

Delta R.T. -0.01 min

Lab File: VL034808.D

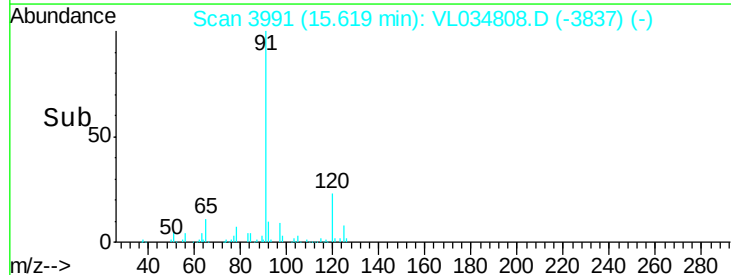
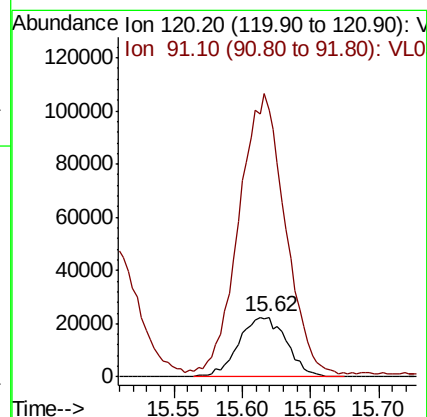
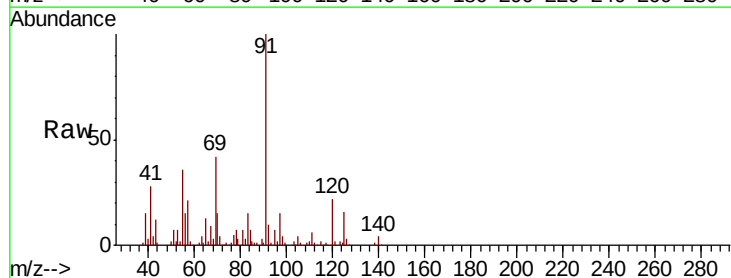
Acq: 5 Mar 2020 23:04

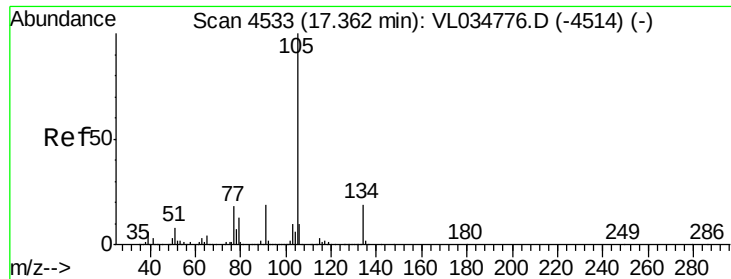
Tgt Ion:120 Resp: 54670

Ion Ratio Lower Upper

120 100

91 457.1 379.4 569.2





#67

sec-Butylbenzene

Concen: 0.158 ppbv m

RT: 17.34 min Scan# 4526

Delta R.T. -0.02 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

Instrument :

MSVOA_L

ClientSampled :

SS-3-4DL

Tot Ion: 105 Resp: 30283

Ion Ratio Lower Upper

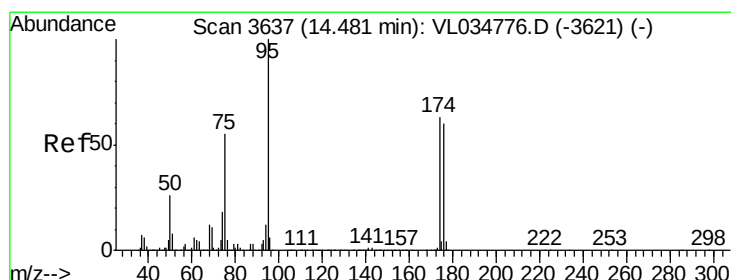
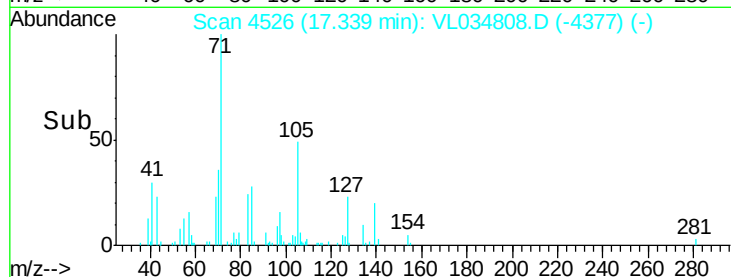
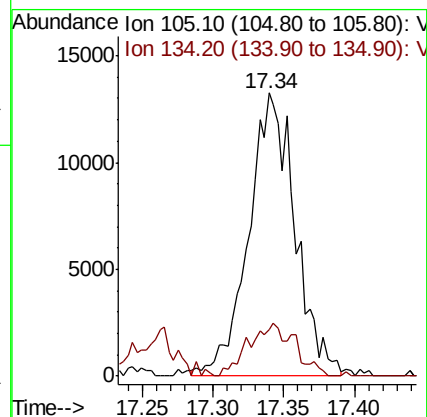
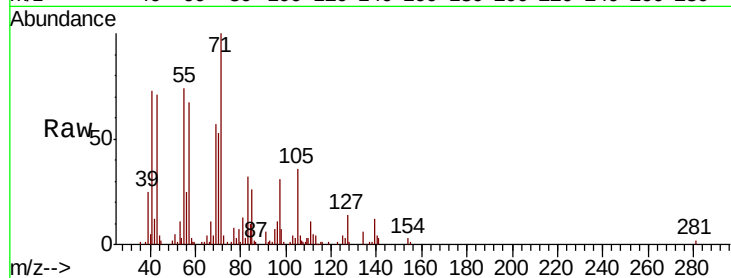
105 100

134 29.0 14.7 22.1#

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#68

1-Bromo-4-Fluorobenzene

Concen: 12.001 ppbv

RT: 14.47 min Scan# 3635

Delta R.T. -0.01 min

Lab File: VL034808.D

Acq: 5 Mar 2020 23:04

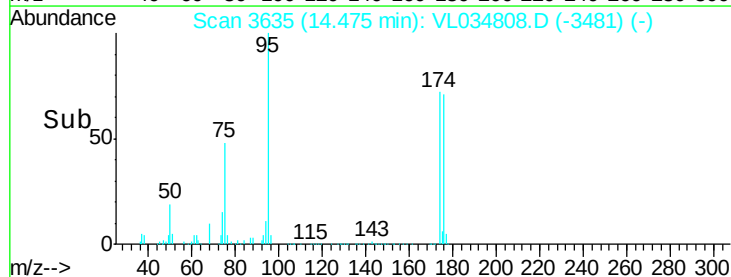
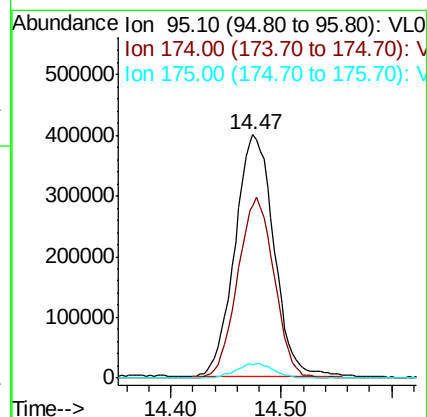
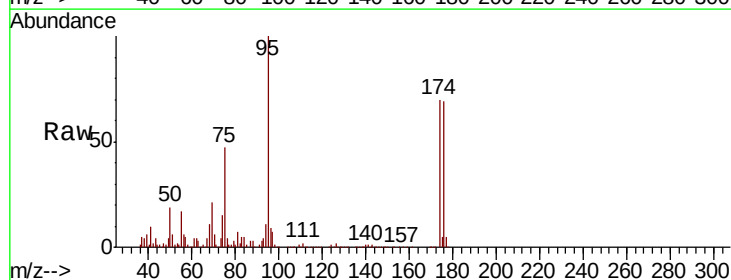
Tgt Ion: 95 Resp: 977705

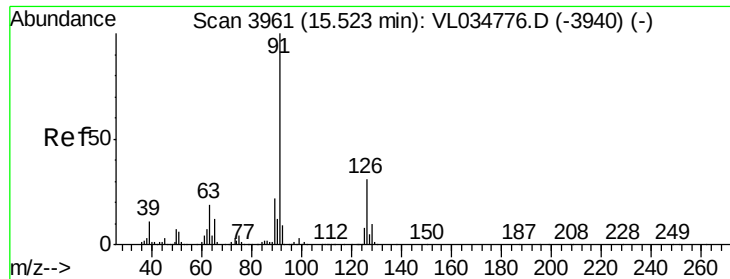
Ion Ratio Lower Upper

95 100

174 70.3 50.6 76.0

175 5.8 3.8 5.6#





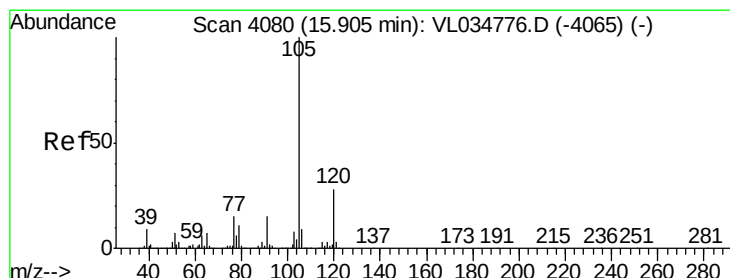
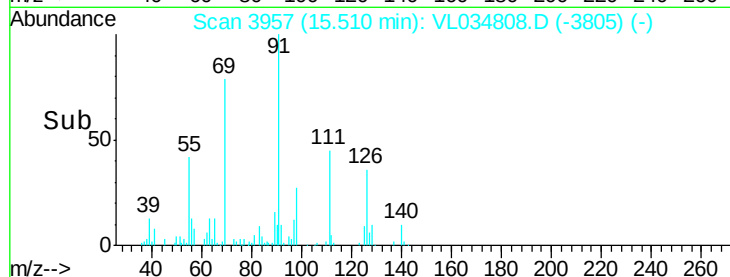
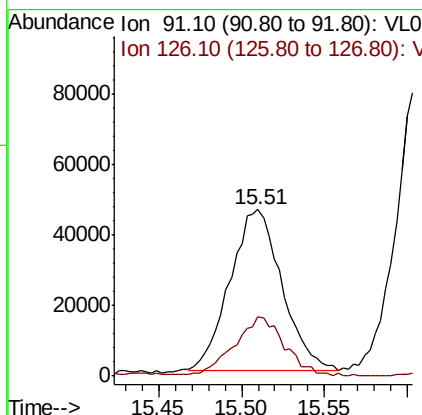
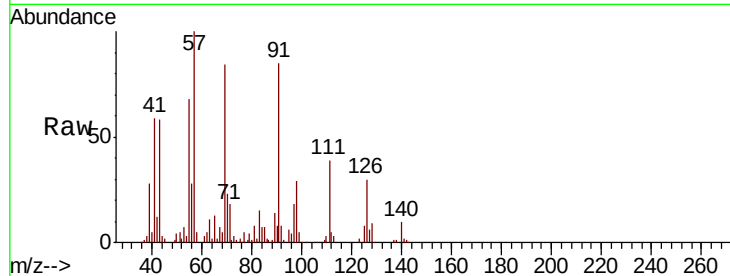
#71
 2-Chlorotoluene
 Concen: 0.847 ppbv
 RT: 15.51 min Scan# 3957
 Delta R.T. -0.01 min
 Lab File: VL034808.D
 Acq: 5 Mar 2020 23:04

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-4DL

Tot Ion: 91 Resp: 99238
 Ion Ratio Lower Upper
 91 100
 126 35.9 11.7 46.7

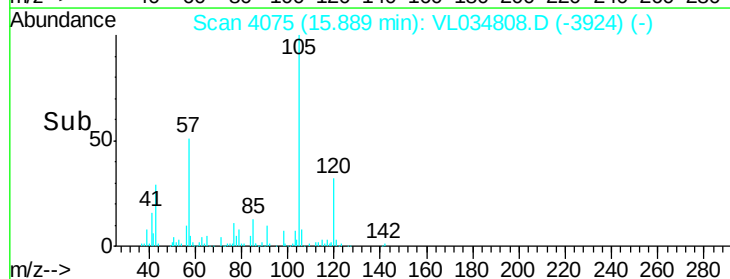
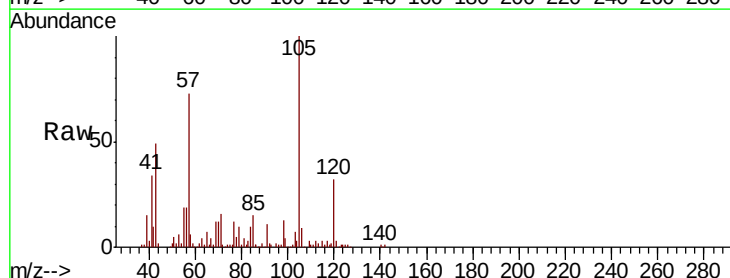
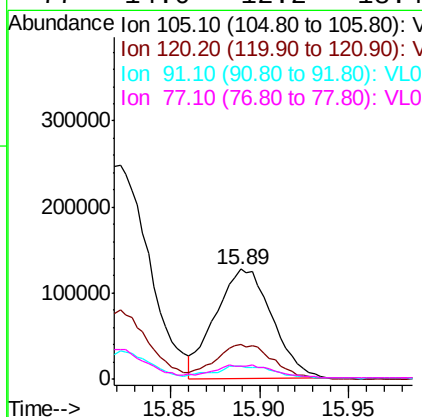
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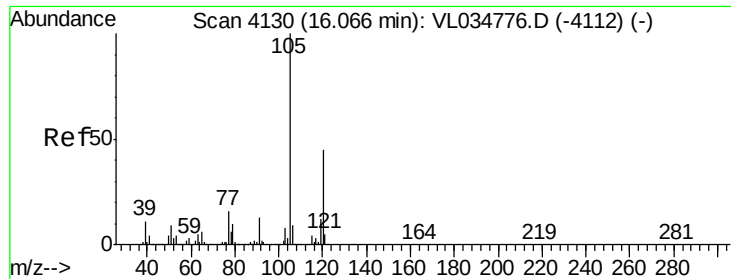
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#72
 4-Ethyltoluene
 Concen: 2.382 ppbv
 RT: 15.89 min Scan# 4075
 Delta R.T. -0.02 min
 Lab File: VL034808.D
 Acq: 5 Mar 2020 23:04

Tgt Ion: 105 Resp: 279633
 Ion Ratio Lower Upper
 105 100
 120 32.2 23.0 34.6
 91 12.0 11.1 16.7
 77 14.0 12.2 18.4





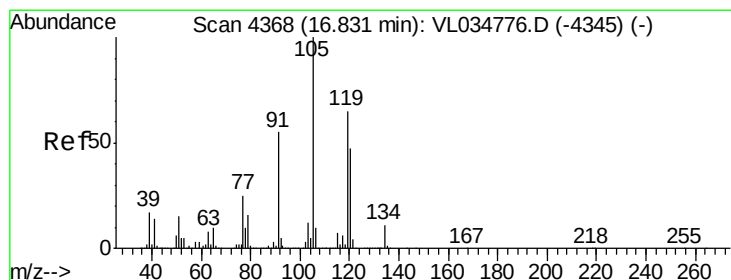
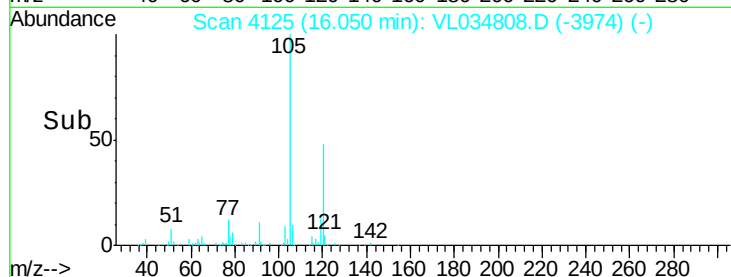
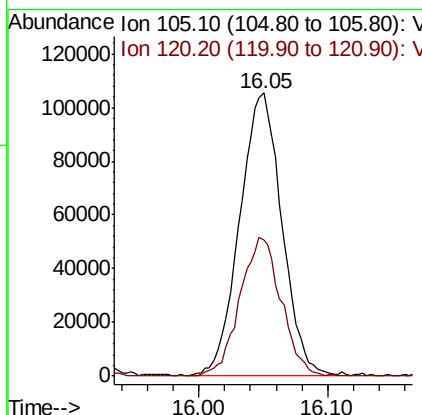
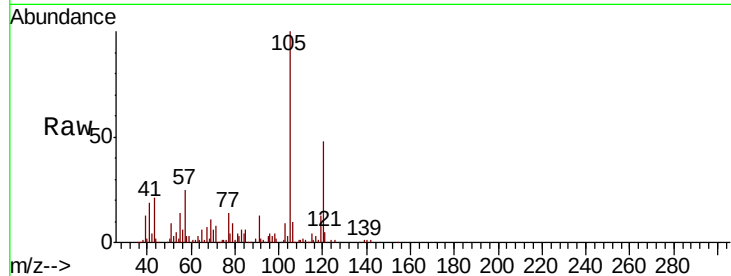
#73
 1,3,5-Trimethylbenzene
 Concen: 2.126 ppbv
 RT: 16.05 min Scan# 4125
 Delta R.T. -0.02 min
 Lab File: VL034808.D
 Acq: 5 Mar 2020 23:04

Instrument :
 MSVOA_L
 ClientSampled :
 SS-3-4DL

Tot Ion	Ratio	Resp	Lower	Upper
105	100	239476		
120	48.1	35.6	53.4	

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#74
 1,2,4-Trimethylbenzene
 Concen: 2.214 ppbv
 RT: 16.82 min Scan# 4363
 Delta R.T. -0.02 min
 Lab File: VL034808.D
 Acq: 5 Mar 2020 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	271112		
120	43.3	37.8	56.6	
91	10.9	43.8	65.8#	
77	12.4	19.9	29.9#	

