

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034810.D
 Acq On : 6 Mar 2020 00:56
 Operator : SY/AP
 Sample : L1698-07 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1-4

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:19:38 AM

Quant Time: Mar 06 06:54:26 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	475001	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.19	114	1177952	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.13	117	1130815	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1094810	11.61	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	116.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.22	62	3029617	98.387	ppbv	91
9) Propene	2.97	41	747595	35.097	ppbv	88
10) Heptane	8.16	43	1729878	31.955	ppbv	98
13) Ethanol	3.58	45	176889	24.237	ppbv	98
15) Acetone	3.84	43	3217161	56.559	ppbv #	89
17) tert-Butyl alcohol	4.29	59	26563m	0.592	ppbv	
18) 1,1-Dichloroethene	4.27	96	44440	2.105	ppbv	97
19) Isopropyl Alcohol	3.95	45	196691	5.771	ppbv #	93
20) Methylene Chloride	4.32	84	486125	23.946	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	121495	5.896	ppbv	95
24) 1,1-Dichloroethane	5.00	63	1157032	19.544	ppbv	100
26) Hexane	5.69	57	1722947	40.124	ppbv #	42
27) Carbon Disulfide	4.53	76	79165	1.578	ppbv	96
30) Cyclohexane	7.14	84	912982	27.791	ppbv	96
31) cis-1,2-Dichloroethene	5.55	61	9426959	214.039	ppbv #	63
32) 1,1,1-Trichloroethane	6.52	97	1202444	16.835	ppbv	96
34) 2-Butanone	5.25	43	207371	2.706	ppbv	100
36) Benzene	6.91	78	7670097	76.200	ppbv #	86
38) Trichloroethene	7.86	130	1164542	29.684	ppbv	92
39) 1,2-Dichloropropane	7.64	63	1012907	24.935	ppbv	94
44) 2,2,4-Trimethylpentane	7.90	57	1960846	11.147	ppbv #	50
52) Tetrachloroethene	11.27	164	418722	11.260	ppbv	95
53) Toluene	9.85	91	9889666	92.832	ppbv	86
58) Ethyl Benzene	12.75	91	3046817	21.864	ppbv	92
59) m/p-Xylene	13.01	91	1911442	15.845	ppbv	94
60) o-Xylene	13.74	91	1046570	8.575	ppbv	98
61) Styrene	13.57	104	1585385	20.938	ppbv	96
62) Isopropylbenzene	14.71	105	213466	1.188	ppbv	98
64) n-propylbenzene	15.61	120	65400	1.452	ppbv	94
65) tert-Butylbenzene	16.81	119	57642m	0.380	ppbv	
67) sec-Butylbenzene	17.34	105	62365	0.282	ppbv	98
69) p-Isopropyltoluene	17.70	119	21021m	0.117	ppbv	
71) 2-Chlorotoluene	15.49	91	132693m	0.978	ppbv	
72) 4-Ethyltoluene	15.89	105	385667	2.838	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.04	105	407206	3.124	ppbv	96
74) 1,2,4-Trimethylbenzene	16.81	105	432925	3.055	ppbv #	70

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

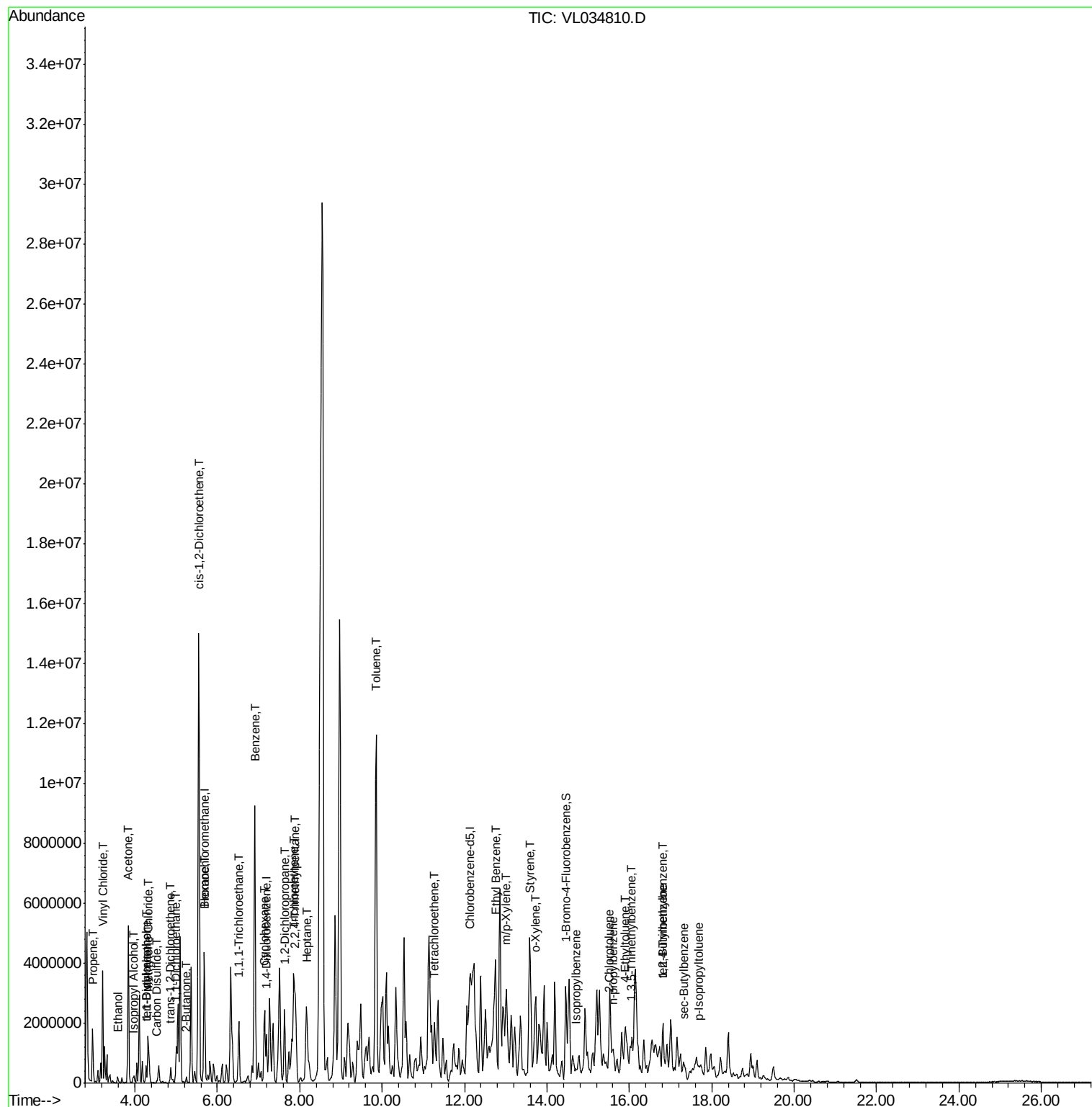
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
Data File : VL034810.D
Acq On : 6 Mar 2020 00:56
Operator : SY/AP
Sample : L1698-07 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

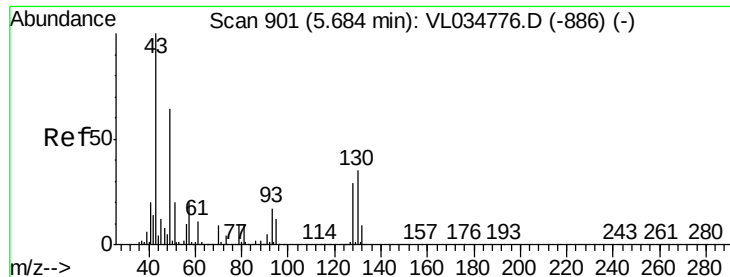
Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

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Quant Time: Mar 06 06:54:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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# 897

Delta R.T. -0.01 min

Lab File: VL034810.D

Acq: 6 Mar 2020 00:56

Instrument :

MSVOA_L

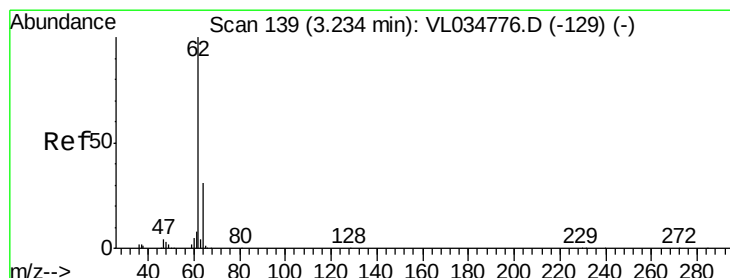
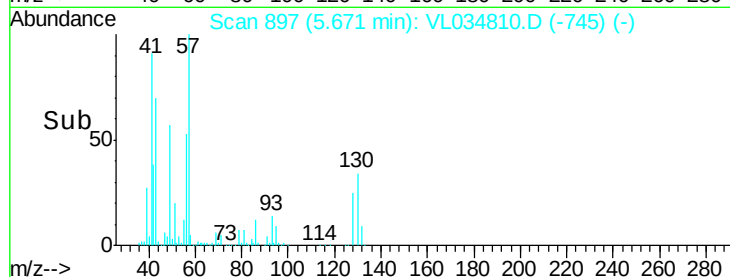
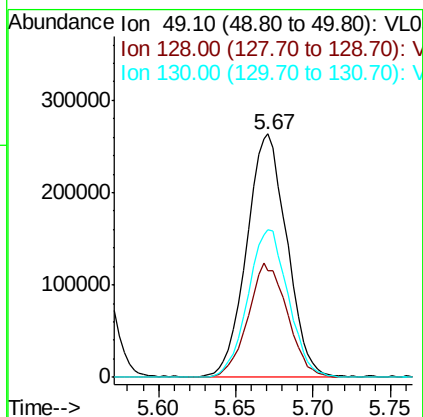
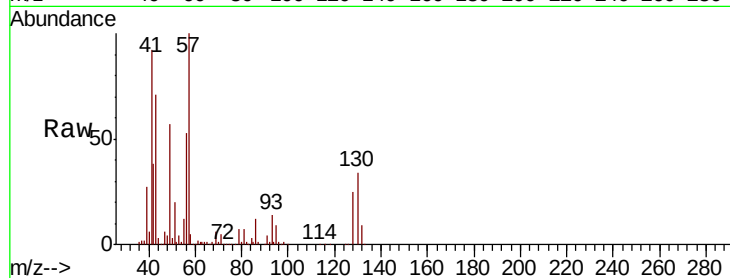
ClientSampleId :

SS-1-4

Tot Ion:	49	Resp:	475001
Ion	Ratio	Lower	Upper
49	100		
128	46.2	21.6	64.6
130	61.2	27.4	82.2

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#5

Vinyl Chloride

Concen: 98.387 ppbv

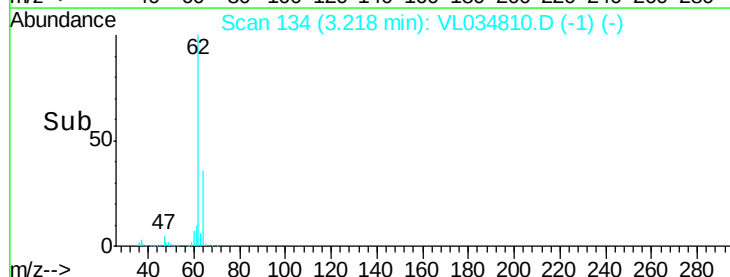
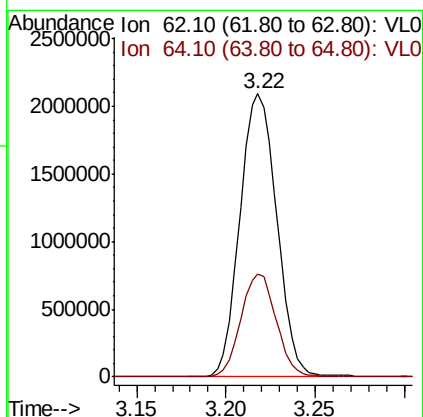
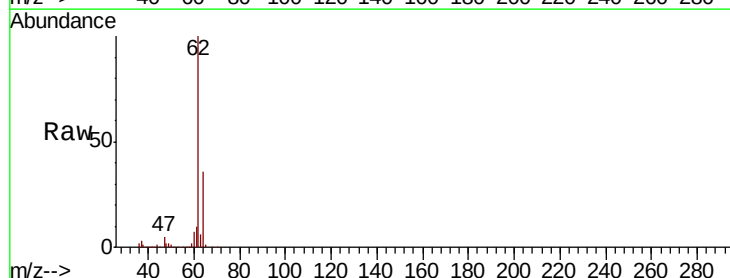
RT: 3.22 min Scan# 134

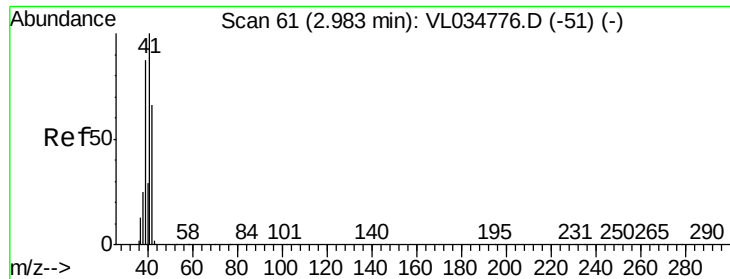
Delta R.T. -0.02 min

Lab File: VL034810.D

Acq: 6 Mar 2020 00:56

Tgt Ion:	62	Resp:	3029617
Ion	Ratio	Lower	Upper
62	100		
64	36.3	25.1	37.7





#9

Propene

Concen: 35.097 ppbv

RT: 2.97 min Scan# 56

Delta R.T. -0.02 min

Lab File: VL034810.D

Acq: 6 Mar 2020 00:56

Instrument :

MSVOA_L

ClientSampled :

SS-1-4

Tot Ion: 41 Resp: 747595

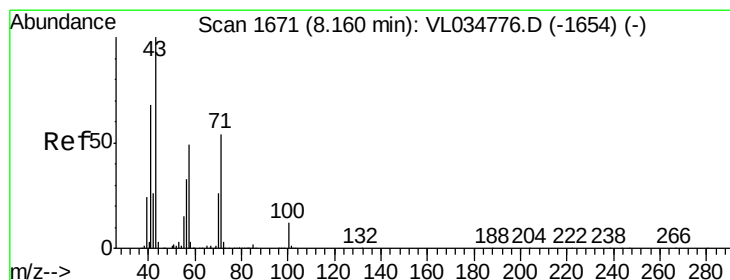
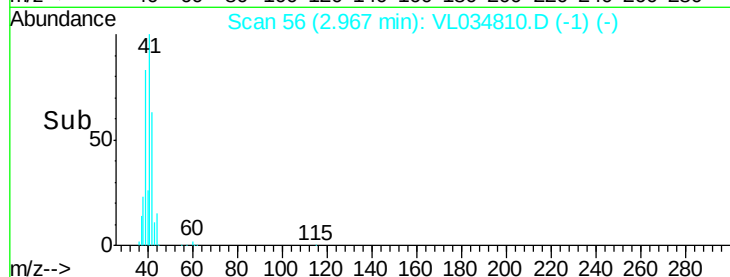
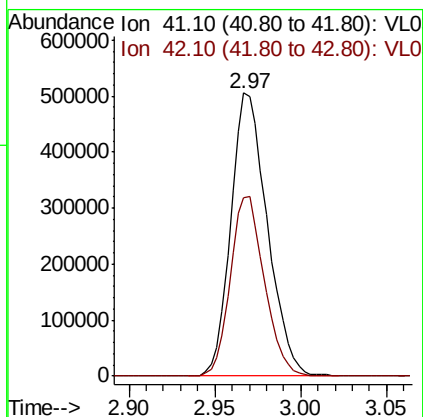
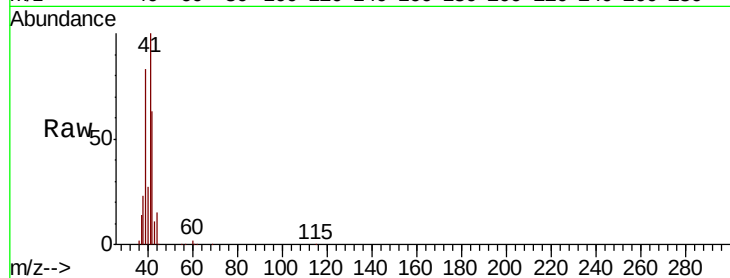
Ion Ratio Lower Upper

41 100

42 59.7 55.6 83.4

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#10

Heptane

Concen: 31.955 ppbv

RT: 8.16 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VL034810.D

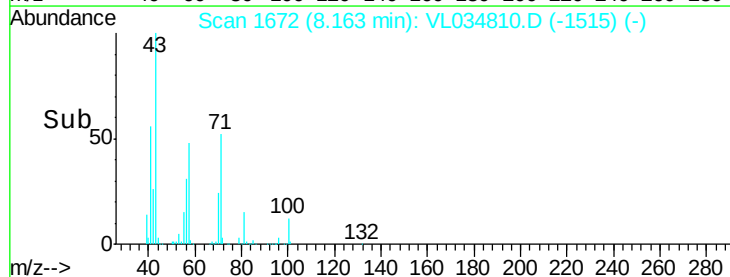
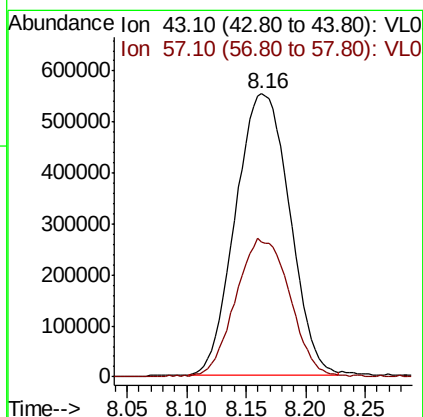
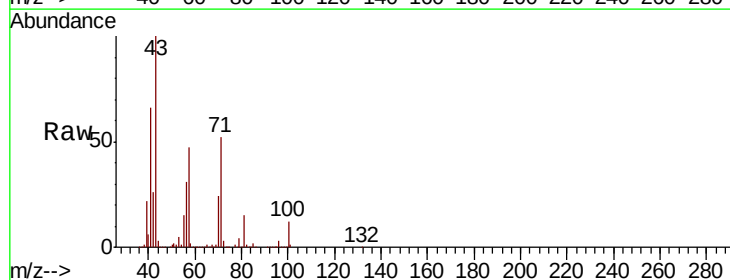
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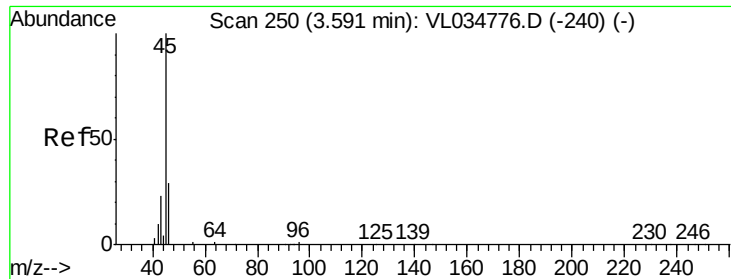
Tgt Ion: 43 Resp: 1729878

Ion Ratio Lower Upper

43 100

57 49.4 40.5 60.7





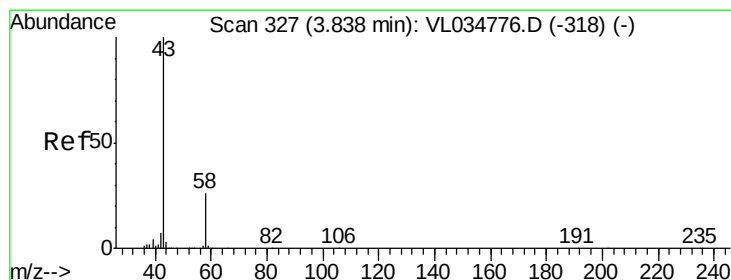
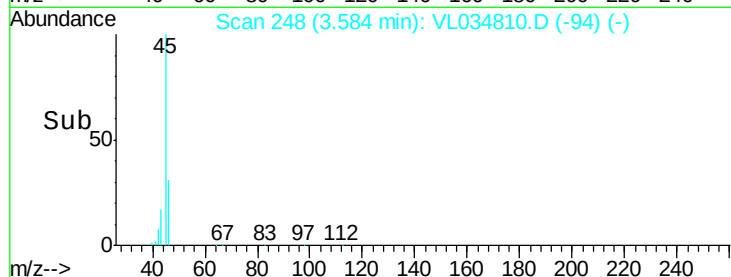
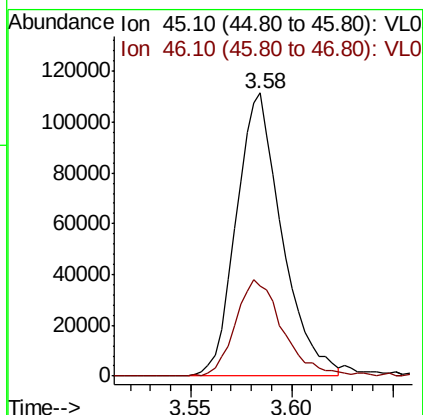
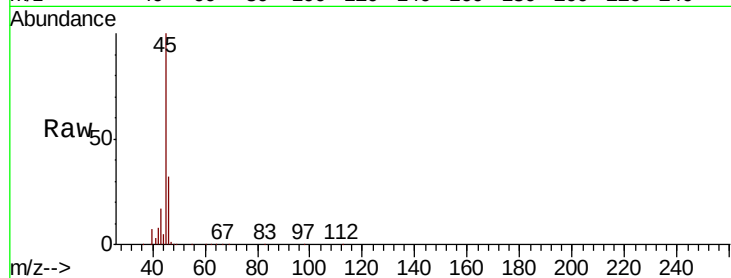
#13
Ethanol
Concen: 24.237 ppbv
RT: 3.58 min Scan# 248
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tot Ion: 45 Resp: 176889
Ion Ratio Lower Upper
45 100
46 35.7 14.7 58.9

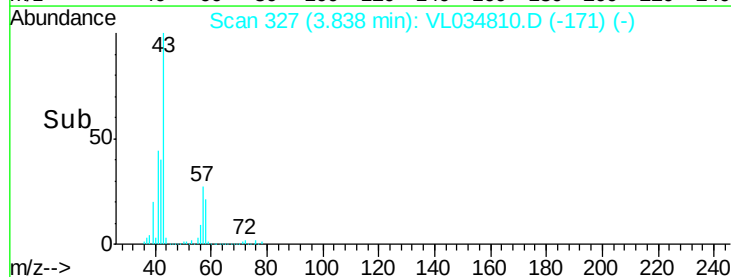
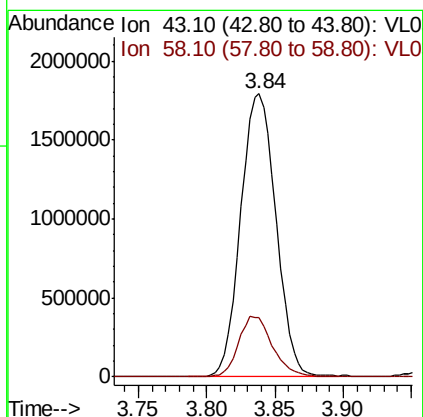
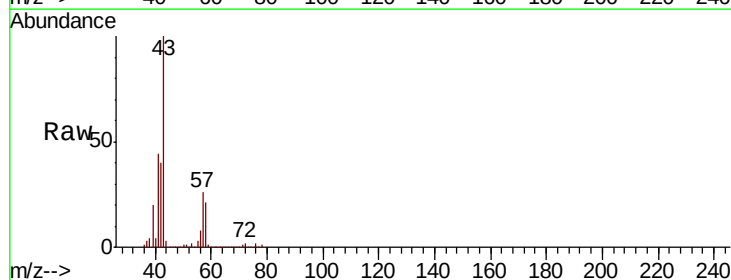
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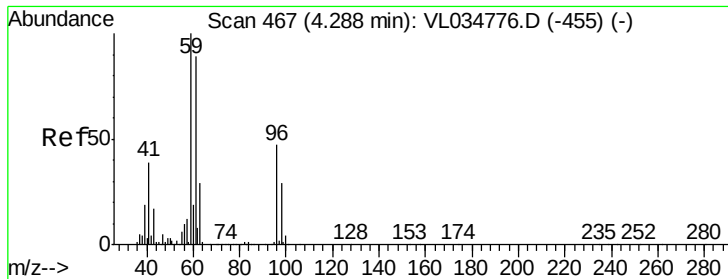
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#15
Acetone
Concen: 56.559 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.00 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 43 Resp: 3217161
Ion Ratio Lower Upper
43 100
58 20.7 21.0 31.6#





#17

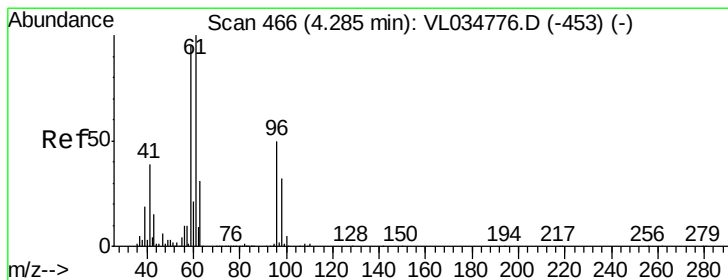
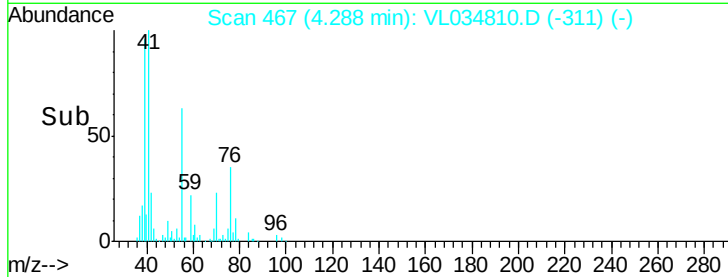
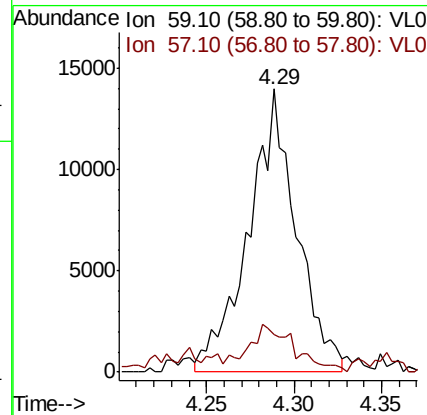
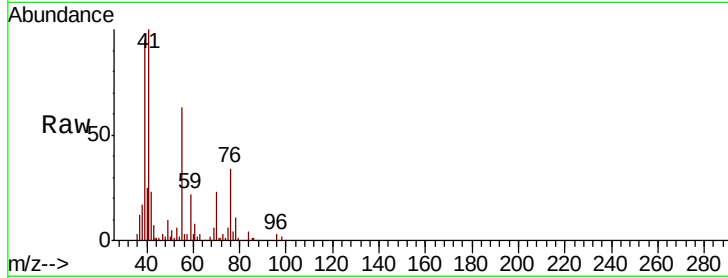
tert-Butyl alcohol
 Concen: 0.592 ppbv m
 RT: 4.29 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: VL034810.D
 Acq: 6 Mar 2020 00:56

Instrument :
 MSVOA_L
 ClientSampled :
 SS-1-4

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

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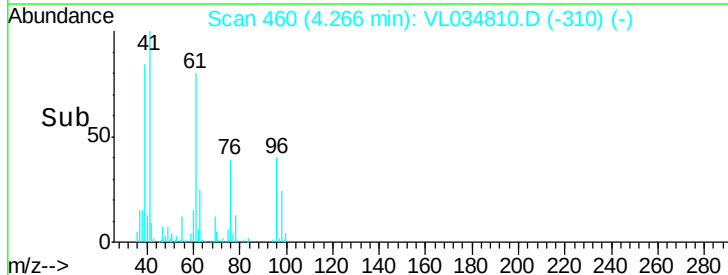
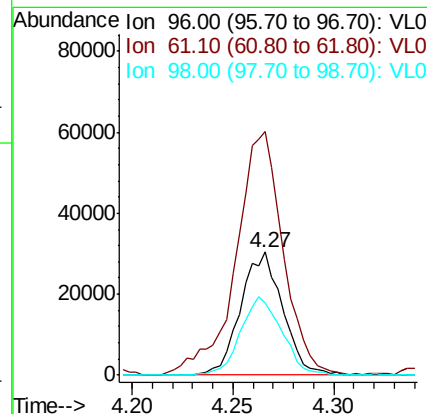
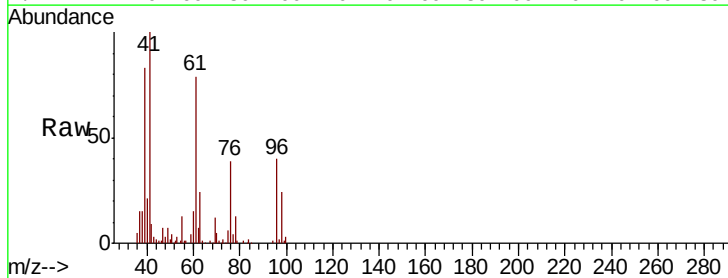
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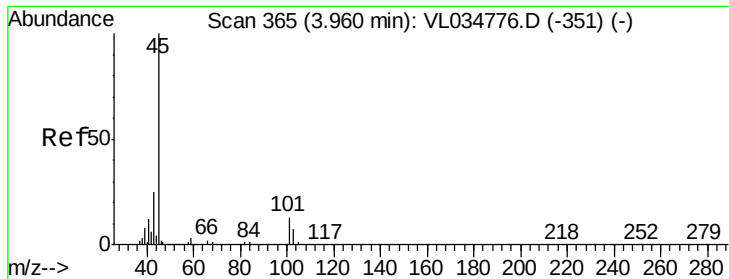


#18

1,1-Dichloroethene
 Concen: 2.105 ppbv
 RT: 4.27 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: VL034810.D
 Acq: 6 Mar 2020 00:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	196.4	159.5	239.3
98	58.7	51.1	76.7





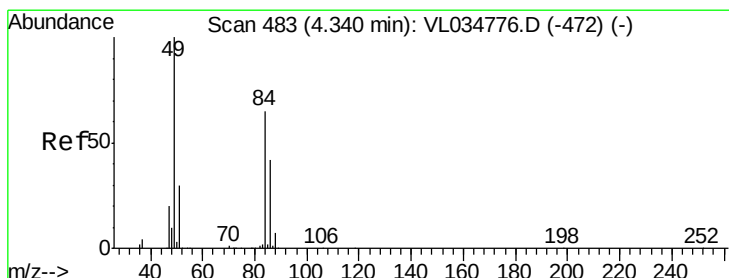
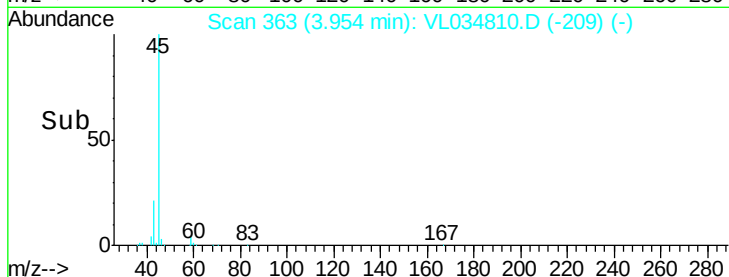
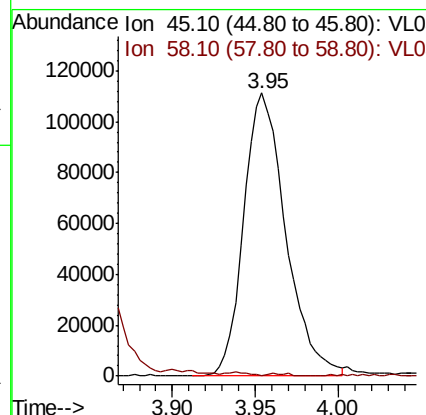
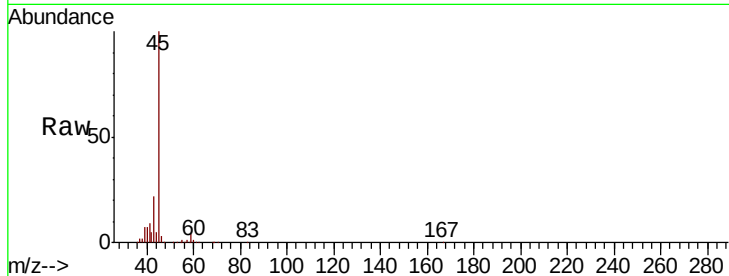
#19
Isopropyl Alcohol
Concen: 5.771 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tot Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.8#

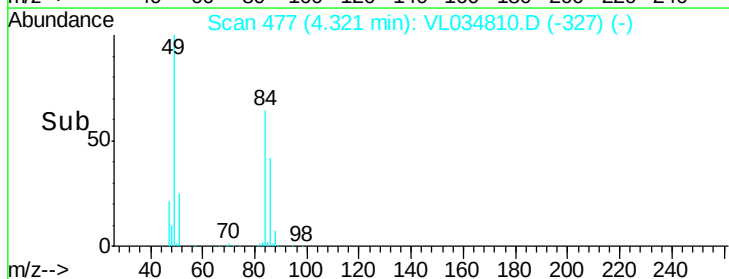
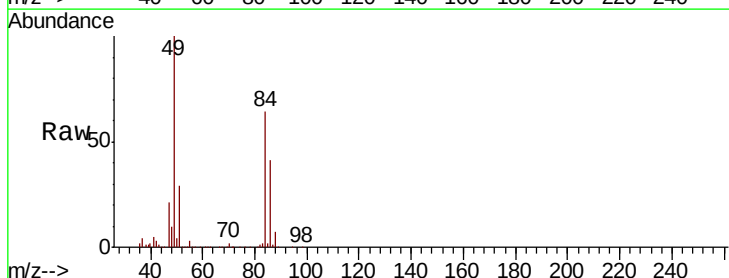
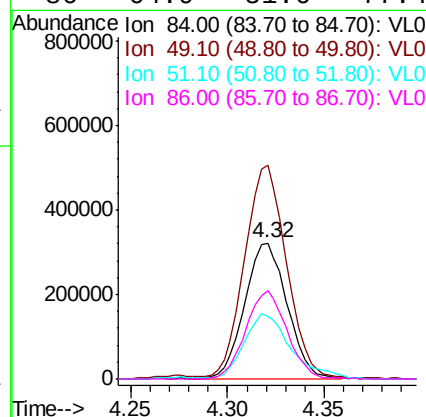
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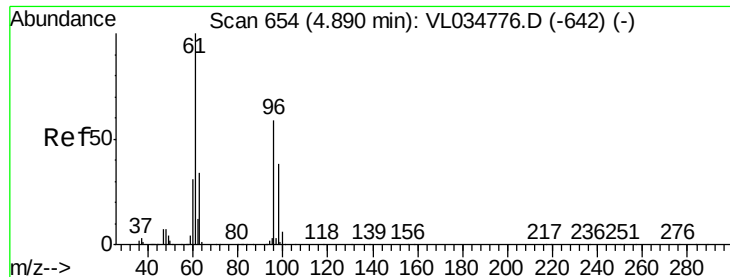
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#20
Methylene Chloride
Concen: 23.946 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	156.0	123.2	184.8
51	44.7	37.4	56.2
86	64.9	51.6	77.4





#22

trans-1,2-Dichloroethene

Concen: 5.896 ppbv

RT: 4.87 min Scan# 648

Delta R.T. -0.02 min

Lab File: VL034810.D

Acq: 6 Mar 2020 00:56

Instrument :

MSVOA_L

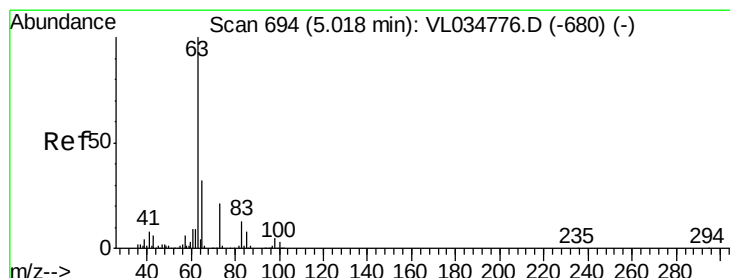
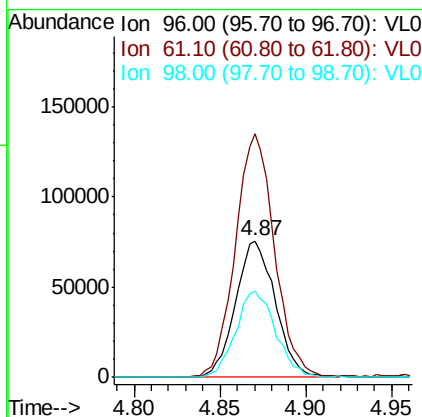
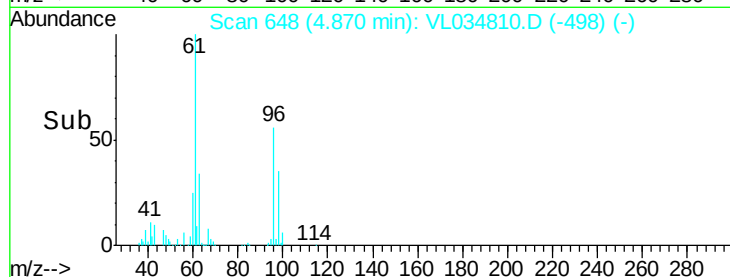
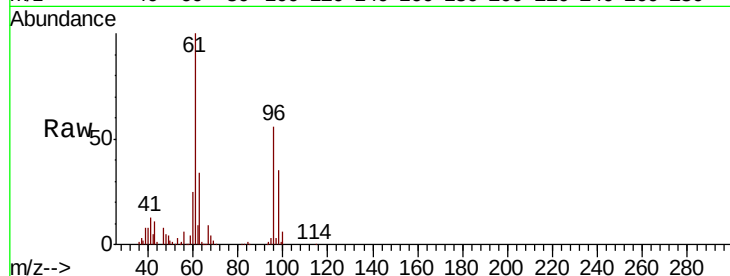
ClientSampled :

SS-1-4

Tot Ion:	96	Resp:	121495
Ion	Ratio	Lower	Upper
96	100		
61	178.3	135.2	202.8
98	63.1	50.8	76.2

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 19.544 ppbv

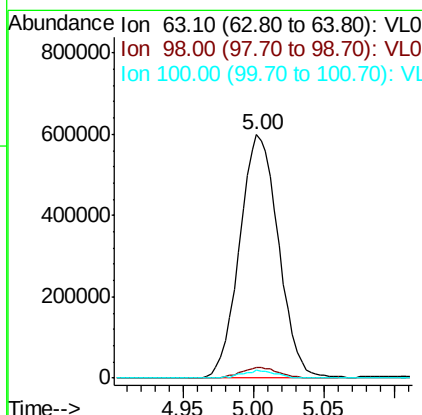
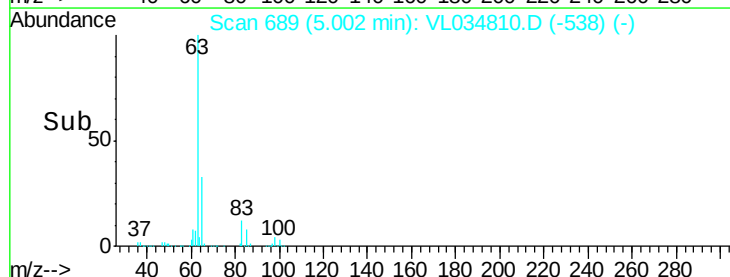
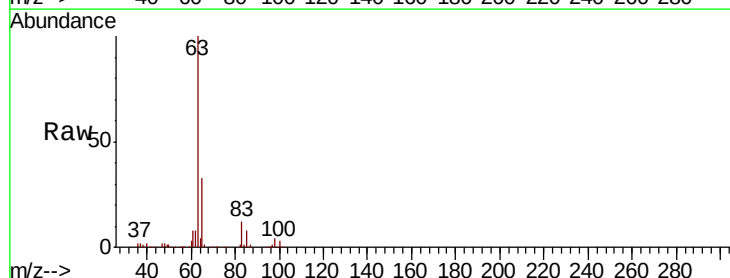
RT: 5.00 min Scan# 689

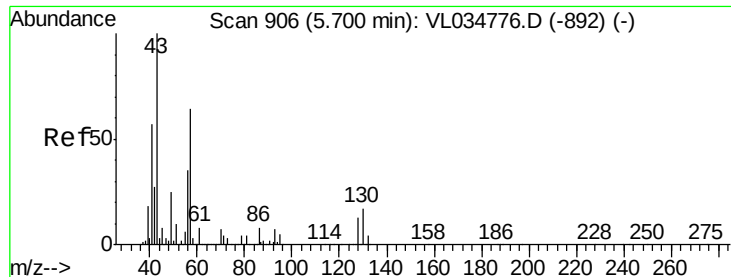
Delta R.T. -0.02 min

Lab File: VL034810.D

Acq: 6 Mar 2020 00:56

Tgt Ion:	63	Resp:	1157032
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.3	6.8
100	3.1	1.5	4.4





#26

Hexane

Concen: 40.124 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.01 min

Lab File: VL034810.D

Acq: 6 Mar 2020 00:56

Instrument :

MSVOA_L

ClientSampled :

SS-1-4

Tot Ion: 57 Resp: 1722947

Ion	Ratio	Lower	Upper
57	100		
41	91.7	72.0	108.0
43	71.7	179.1	268.7#
56	53.9	42.6	63.8

57 100

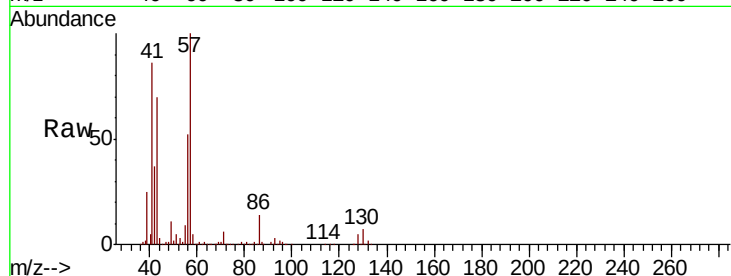
41 91.7 72.0 108.0

43 71.7 179.1 268.7#

56 53.9 42.6 63.8

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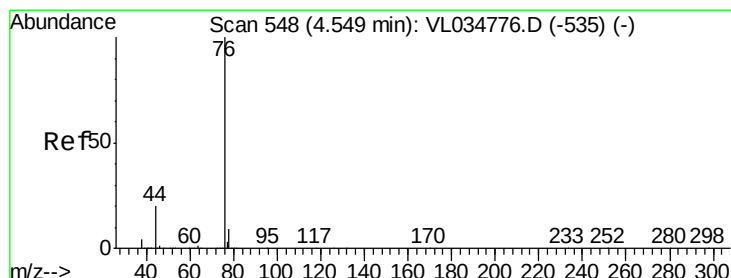
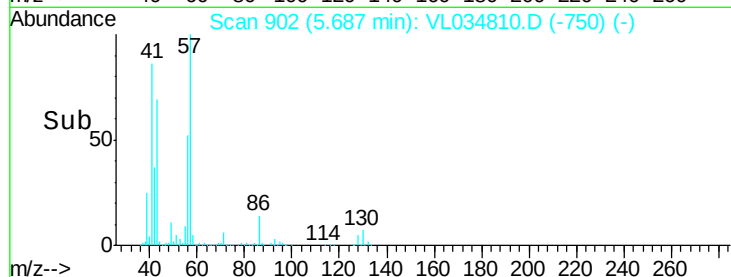
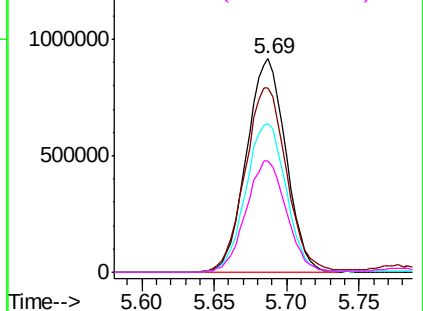


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 1.578 ppbv

RT: 4.53 min Scan# 541

Delta R.T. -0.02 min

Lab File: VL034810.D

Acq: 6 Mar 2020 00:56

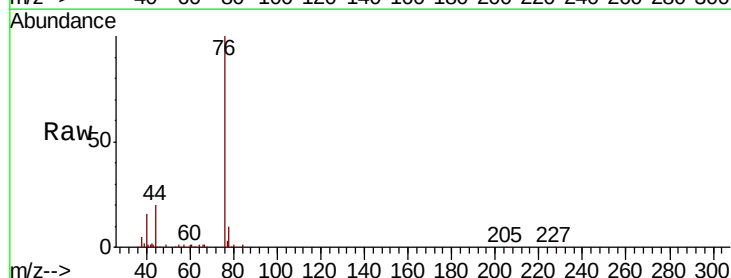
Tgt Ion: 76 Resp: 79165

Ion	Ratio	Lower	Upper
76	100		
44	22.5	16.1	24.1
78	10.3	7.5	11.3

76 100

44 22.5 16.1 24.1

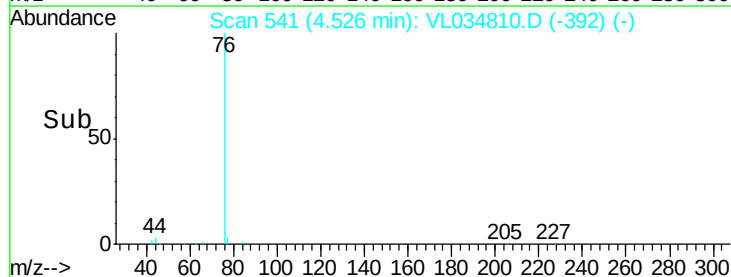
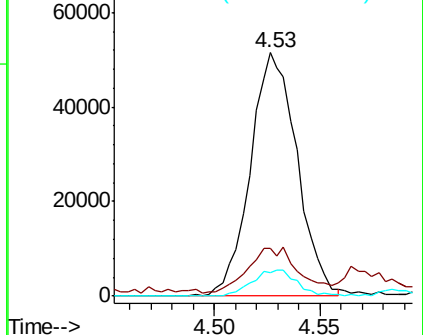
78 10.3 7.5 11.3

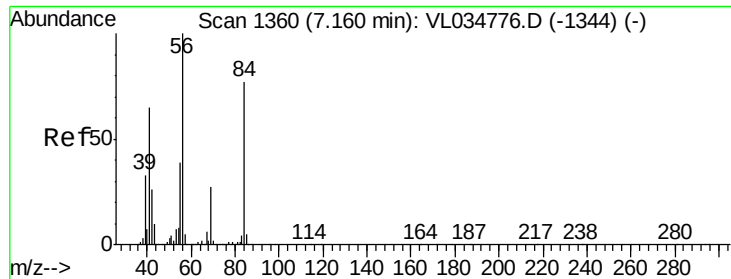


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





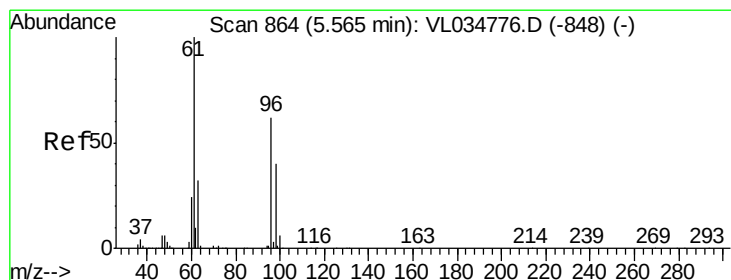
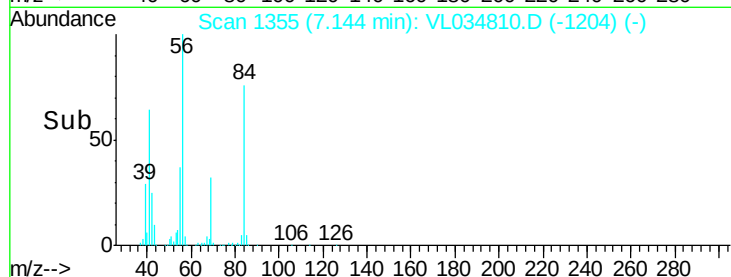
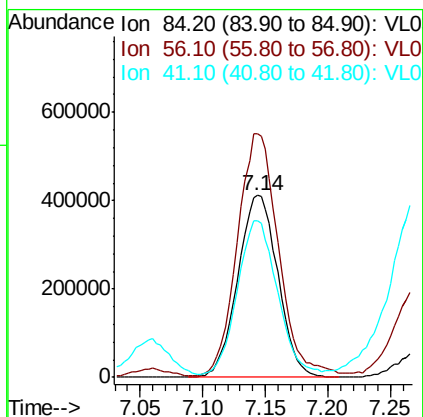
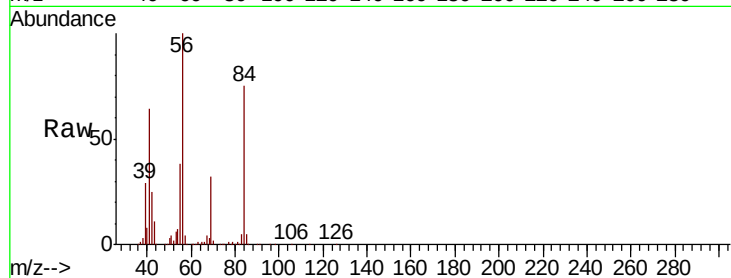
#30
Cyclohexane
Concen: 27.791 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tot Ion	Ratio	Lower	Upper
84	100		
56	136.3	113.2	169.8
41	84.1	70.2	105.4

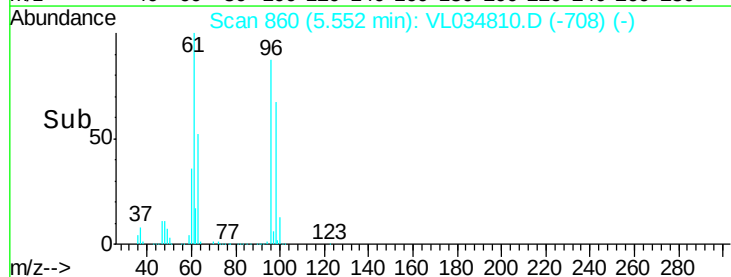
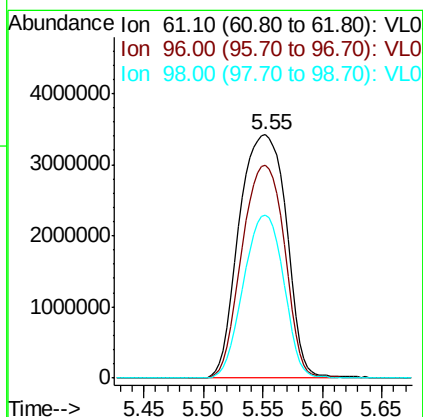
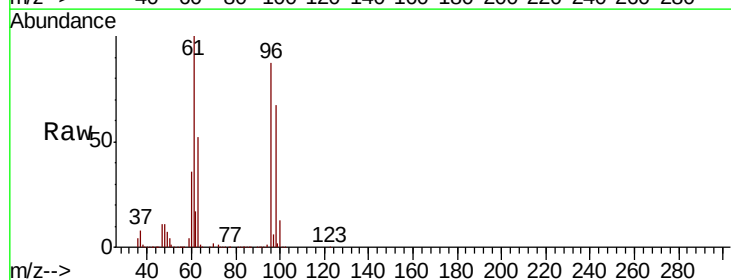
Manual Integrations
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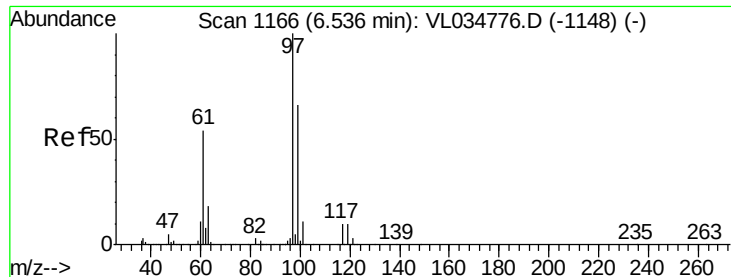
MMDadoda
3/9/2020 9:19:38 AM



#31
cis-1,2-Dichloroethene
Concen: 214.039 ppbv
RT: 5.55 min Scan# 860
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion	Ratio	Lower	Upper
61	100		
96	87.2	49.7	74.5#
98	67.1	31.9	47.9#





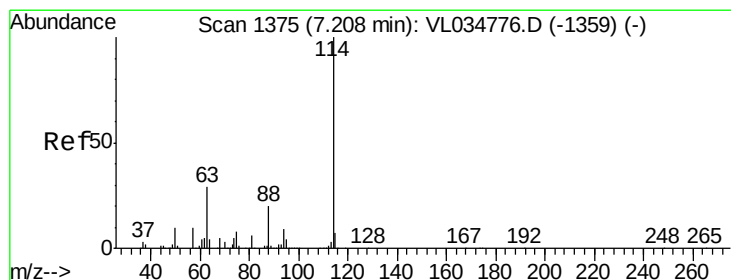
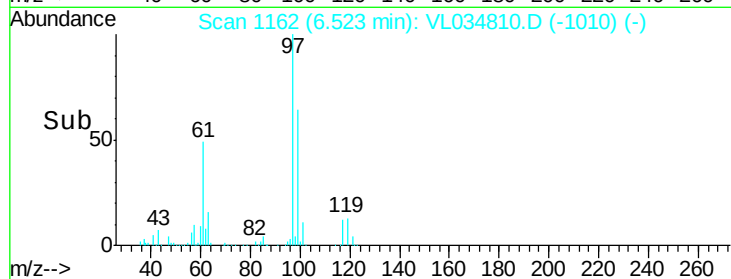
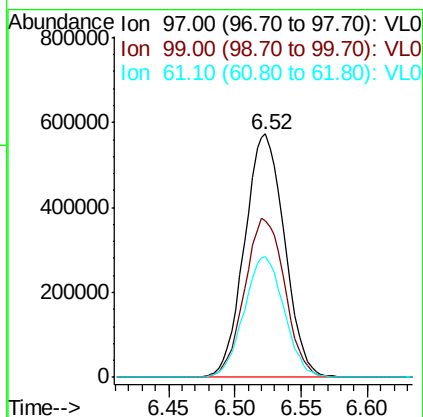
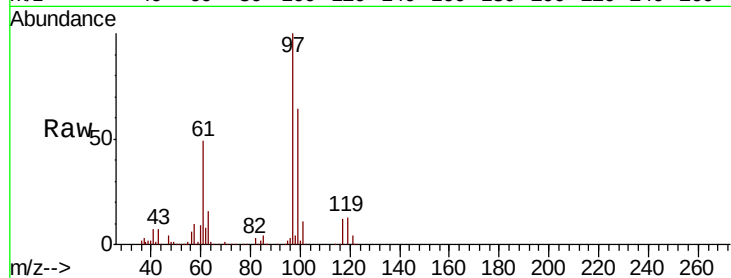
#32
 1,1,1-Trichloroethane
 Concen: 16.835 ppbv
 RT: 6.52 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VL034810.D
 Acq: 6 Mar 2020 00:56

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1-4

Tot Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.7	77.5
61	49.6	43.4	65.0

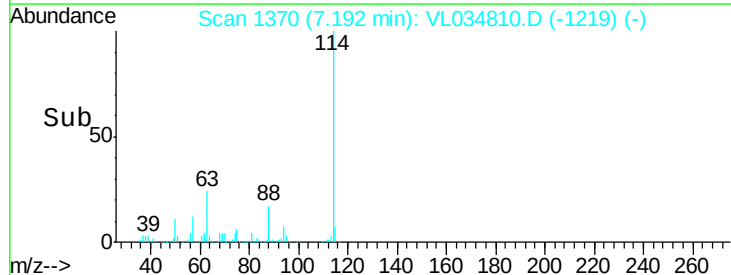
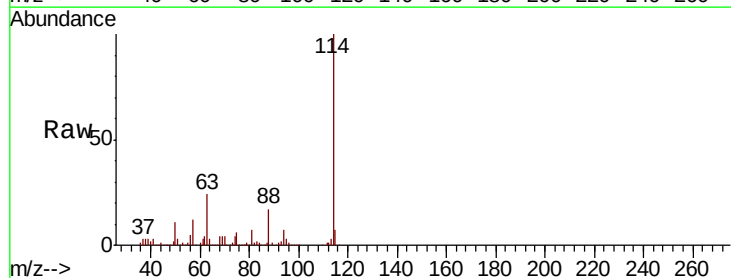
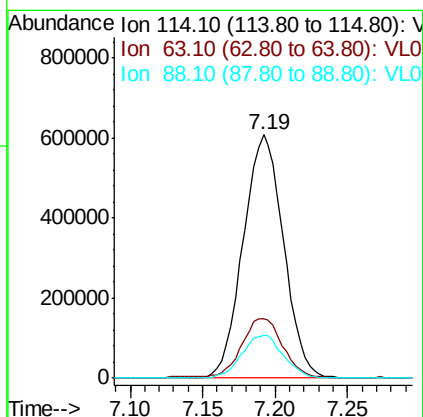
Manual Integrations
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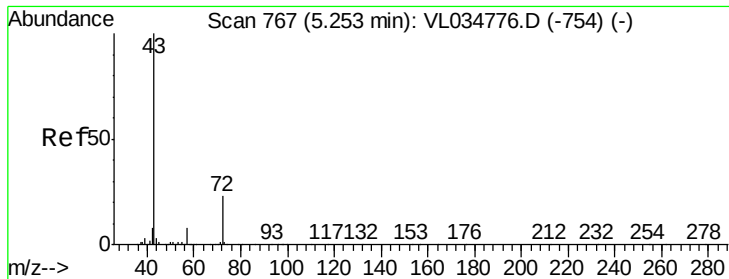
MMDadoda
 3/9/2020 9:19:38 AM



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: VL034810.D
 Acq: 6 Mar 2020 00:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.8	23.6	35.4
88	18.0	15.8	23.8





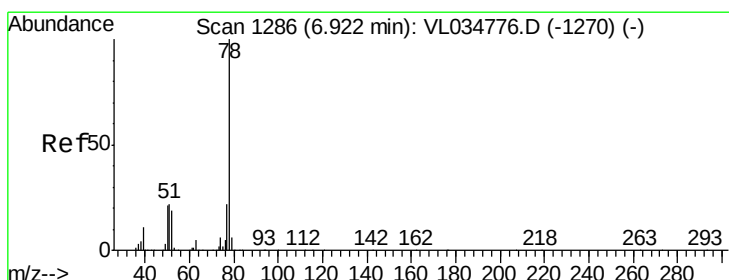
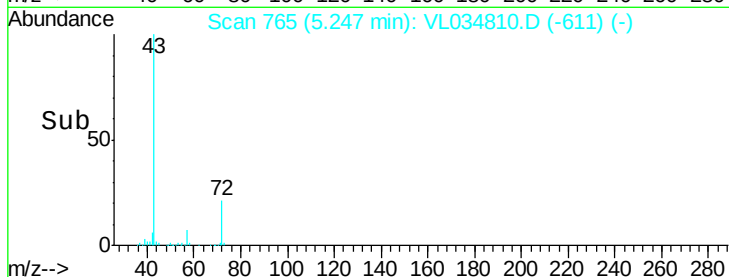
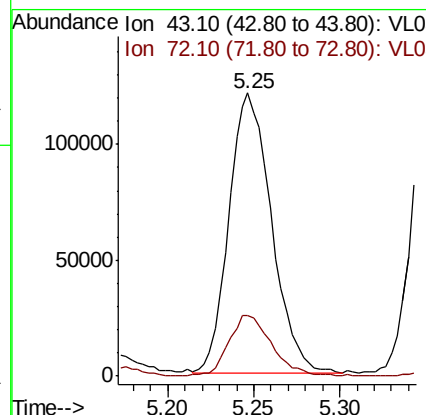
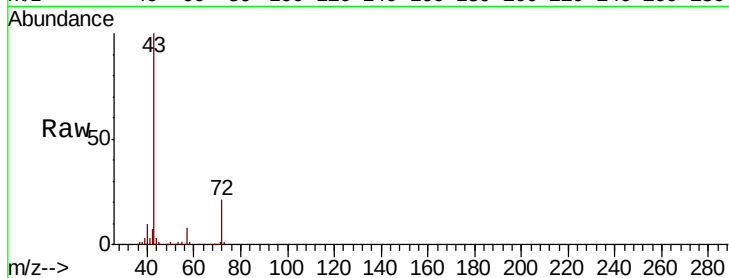
#34
2-Butanone
Concen: 2.706 ppbv
RT: 5.25 min Scan# 765
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampled :
SS-1-4

Tot Ion	Ratio	Lower	Upper
43	100		
72	22.0	17.5	26.3

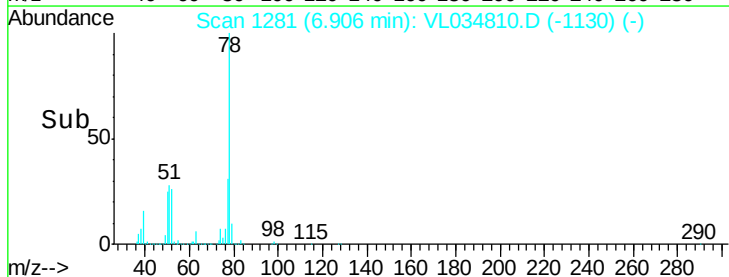
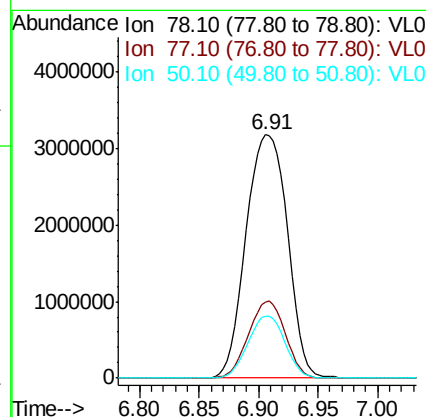
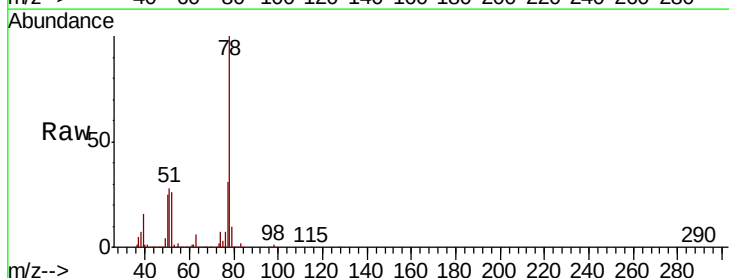
Manual Integrations
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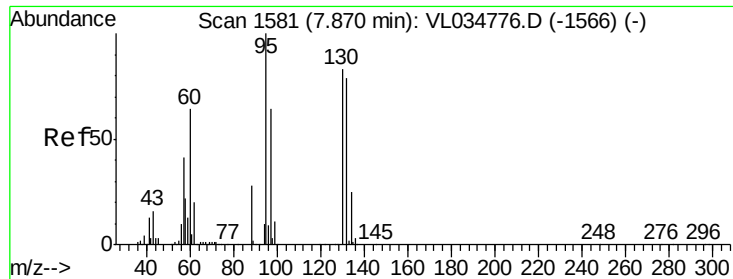
MMDadoda
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#36
Benzene
Concen: 76.200 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	31.3	18.0	27.0#
50	25.2	16.9	25.3





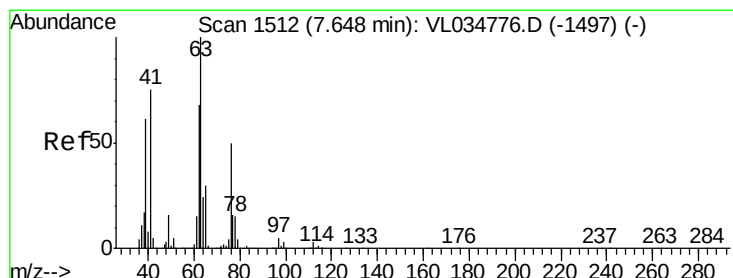
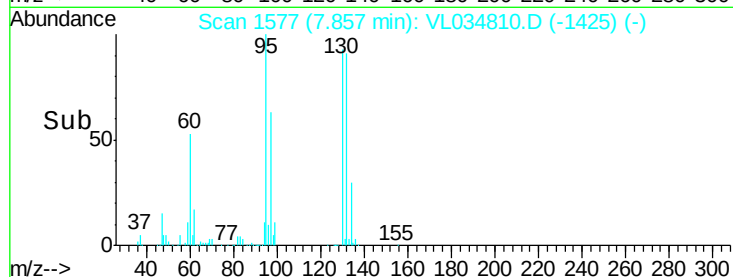
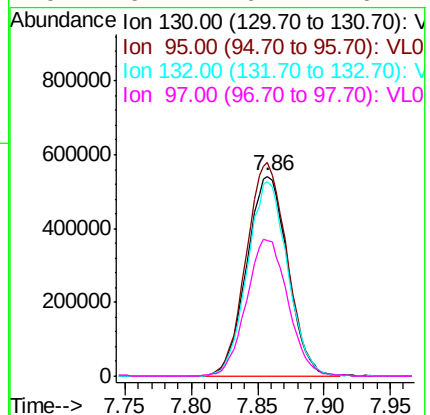
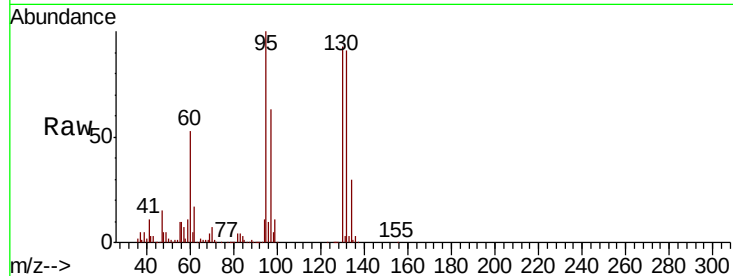
#38
 Trichloroethene
 Concen: 29.684 ppbv
 RT: 7.86 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: VL034810.D
 Acq: 6 Mar 2020 00:56

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1-4

Tot Ion	Ion	Ratio	Lower	Upper
130	100			
95	106.9	95.8	143.8	
132	97.5	76.1	114.1	
97	67.7	61.1	91.7	

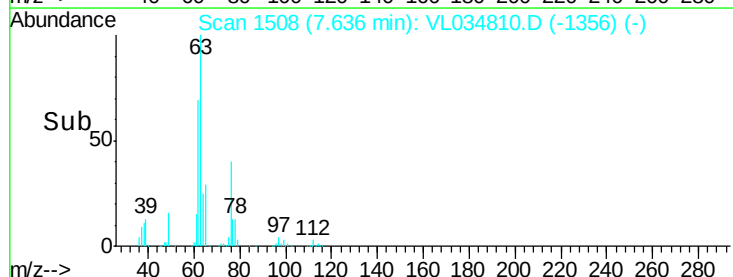
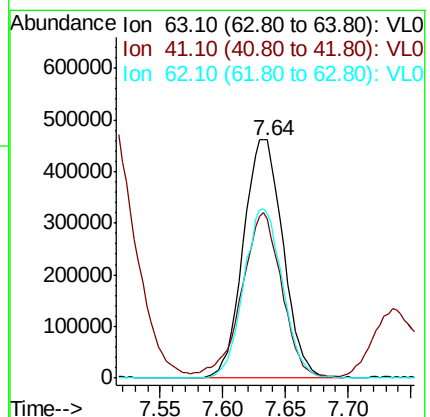
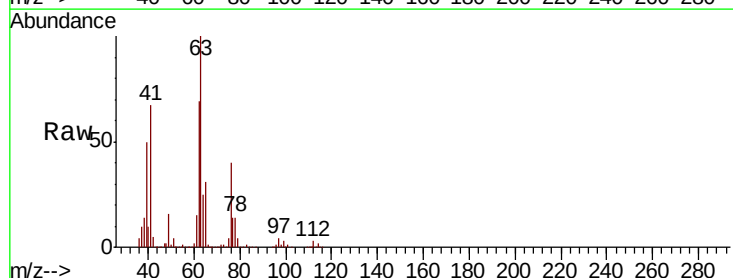
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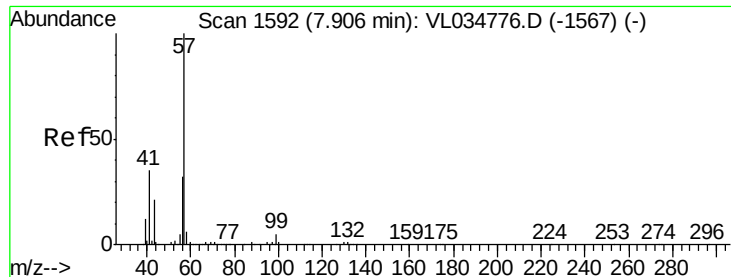
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#39
 1,2-Dichloropropane
 Concen: 24.935 ppbv
 RT: 7.64 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: VL034810.D
 Acq: 6 Mar 2020 00:56

Tgt Ion	Ion	Ratio	Lower	Upper
63	100			
41	65.9	60.3	90.5	
62	68.9	54.5	81.7	





#44

2,2,4-Trimethylpentane

Concen: 11.147 ppbv

RT: 7.90 min Scan# 1590

Delta R.T. -0.01 min

Lab File: VL034810.D

Acq: 6 Mar 2020 00:56

Instrument :

MSVOA_L

ClientSampleId :

SS-1-4

Tot Ion: 57 Resp: 1960846

Ion Ratio Lower Upper

57 100

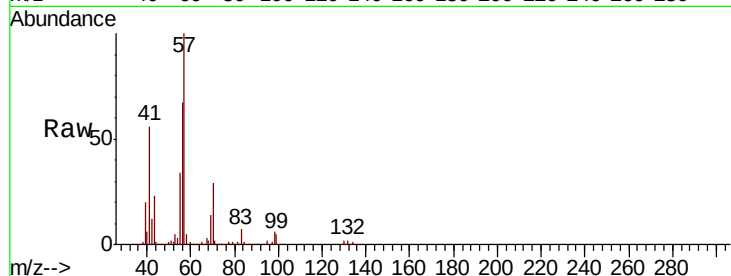
41 56.1 27.4 41.0#

56 66.4 25.0 37.6#

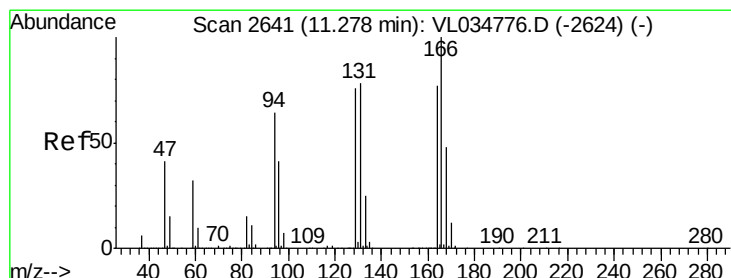
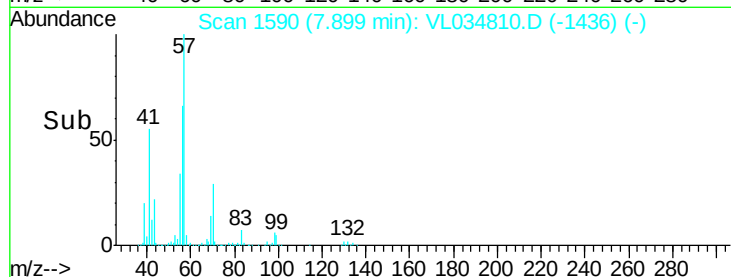
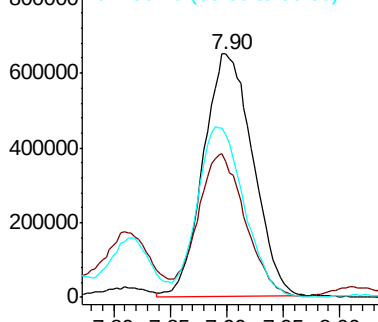
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Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0



#52

Tetrachloroethene

Concen: 11.260 ppbv

RT: 11.27 min Scan# 2638

Delta R.T. -0.01 min

Lab File: VL034810.D

Acq: 6 Mar 2020 00:56

Tgt Ion: 164 Resp: 418722

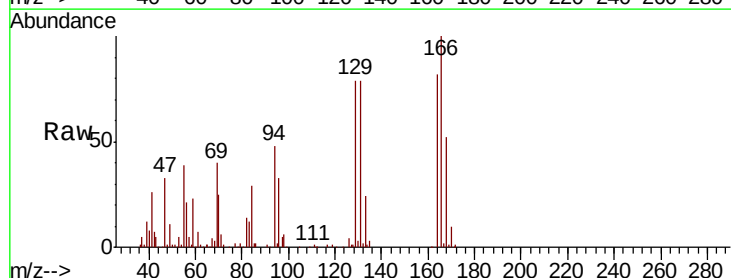
Ion Ratio Lower Upper

164 100

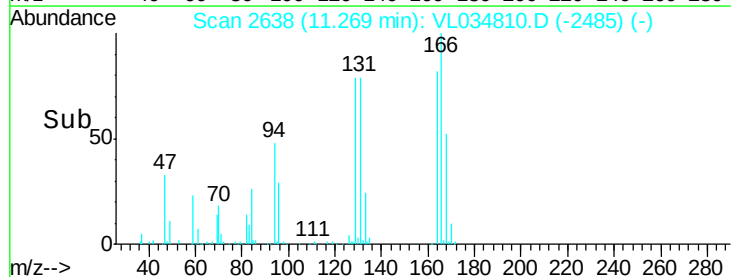
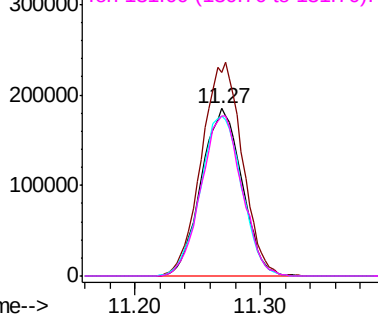
166 121.5 103.3 154.9

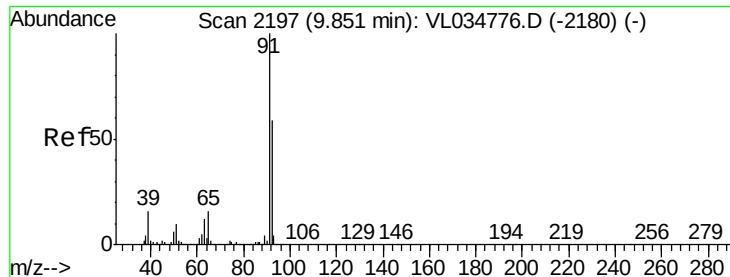
129 95.7 79.0 118.4

131 95.6 81.0 121.4



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 92.832 ppbv

RT: 9.85 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VL034810.D

Acq: 6 Mar 2020 00:56

Instrument :

MSVOA_L

ClientSampleId :

SS-1-4

Tot Ion: 91 Resp: 9889666

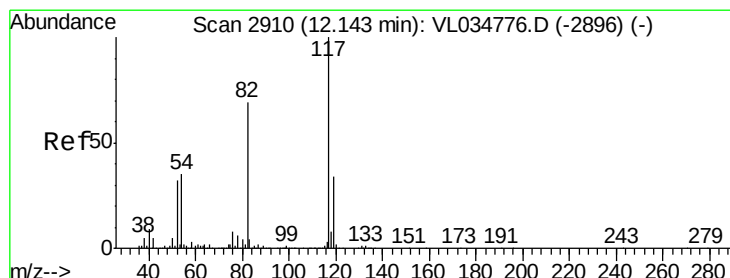
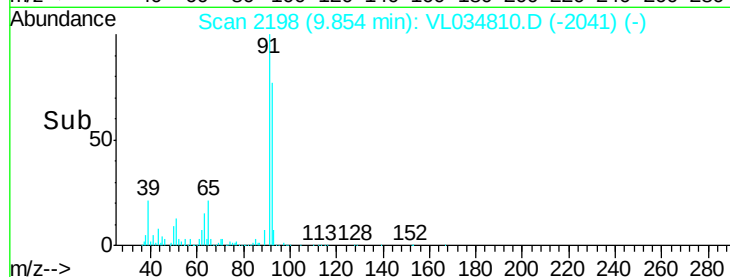
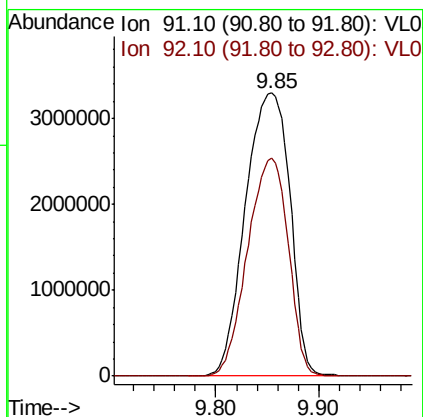
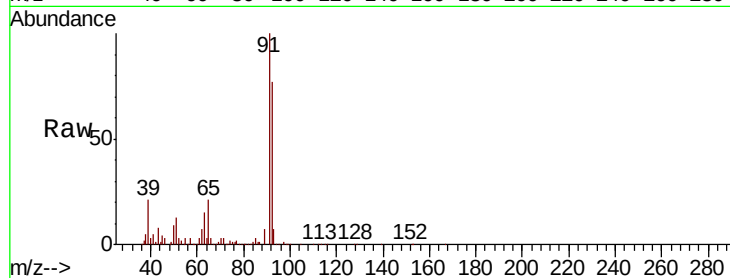
Ion Ratio Lower Upper

91 100

92 70.6 48.2 72.2

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.13 min Scan# 2905

Delta R.T. -0.02 min

Lab File: VL034810.D

Acq: 6 Mar 2020 00:56

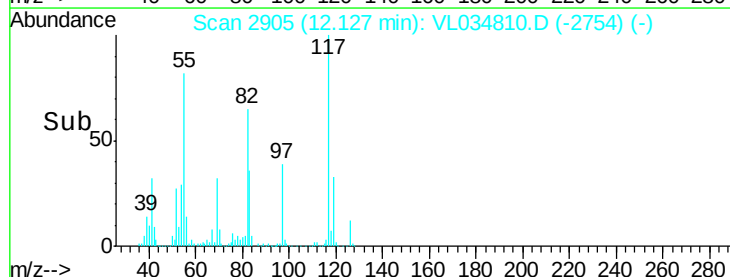
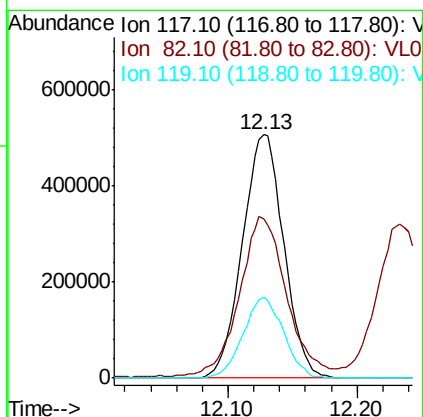
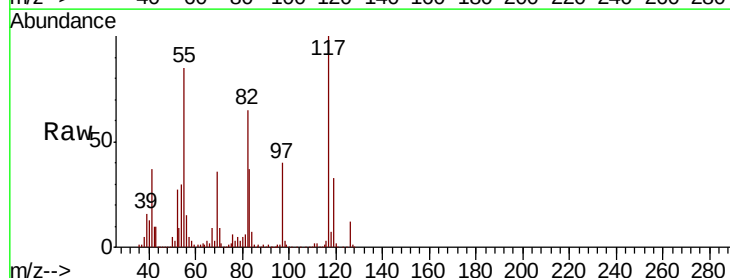
Tgt Ion: 117 Resp: 1130815

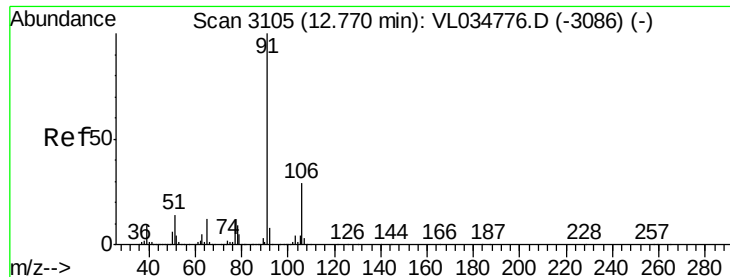
Ion Ratio Lower Upper

117 100

82 76.0 53.9 80.9

119 32.5 25.0 37.4





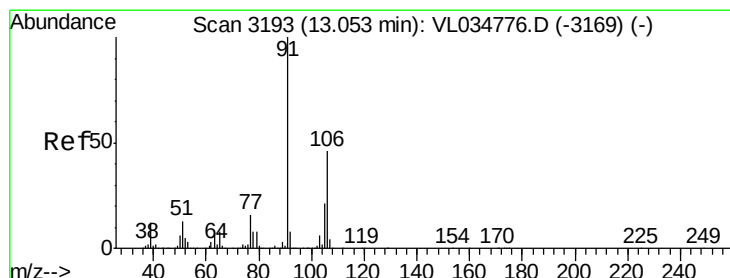
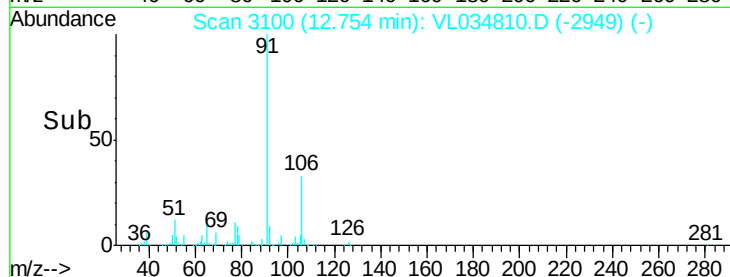
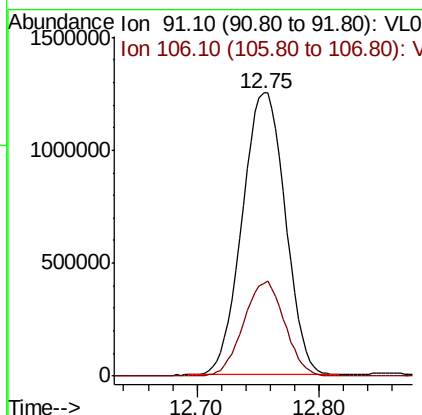
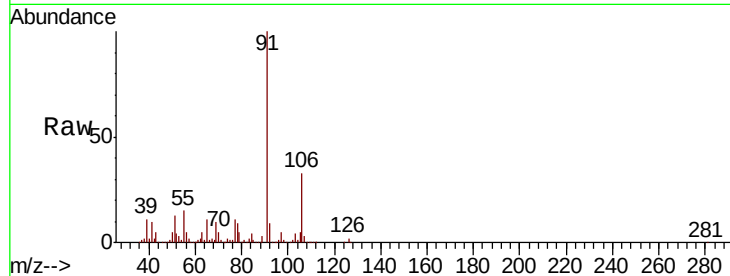
#58
Ethyl Benzene
Concen: 21.864 ppbv
RT: 12.75 min Scan# 3100
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampled :
SS-1-4

Tot Ion: 91 Resp: 3046817
Ion Ratio Lower Upper
91 100
106 32.8 22.8 34.2

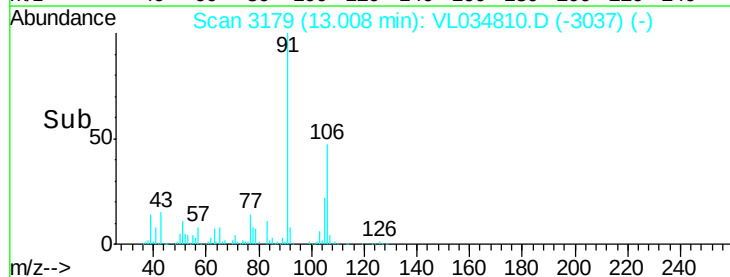
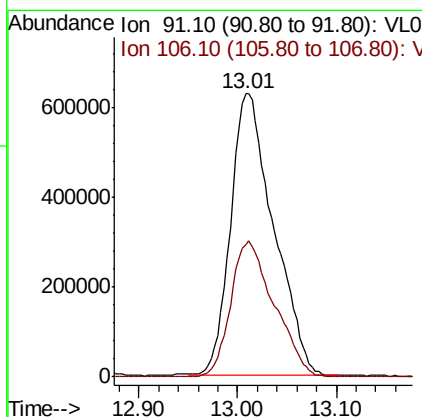
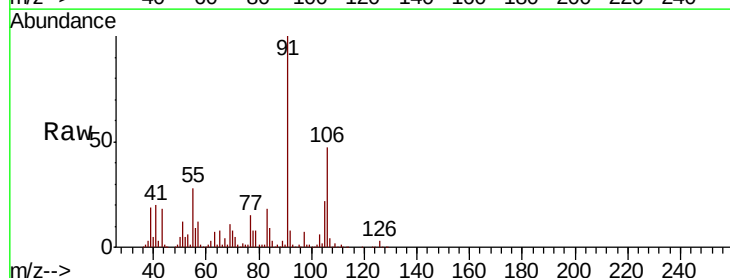
Manual Integrations
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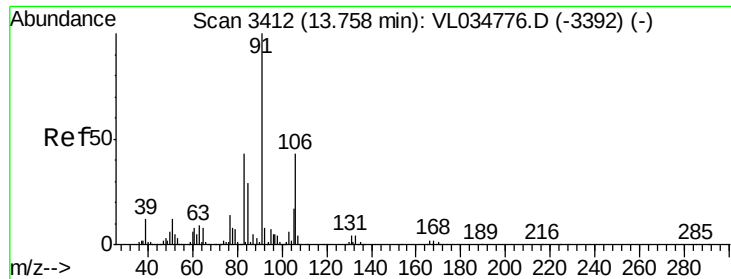
MMDadoda
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#59
m/p-Xylene
Concen: 15.845 ppbv
RT: 13.01 min Scan# 3179
Delta R.T. -0.04 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 91 Resp: 1911442
Ion Ratio Lower Upper
91 100
106 48.4 35.8 53.8





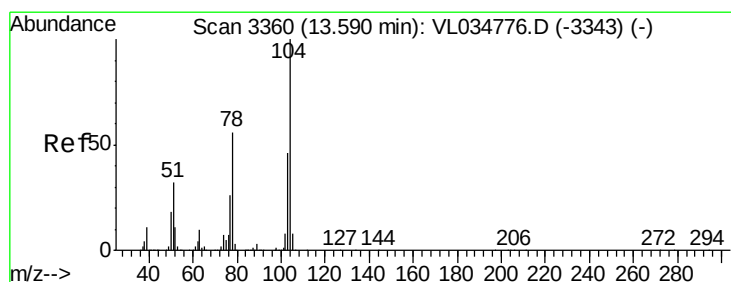
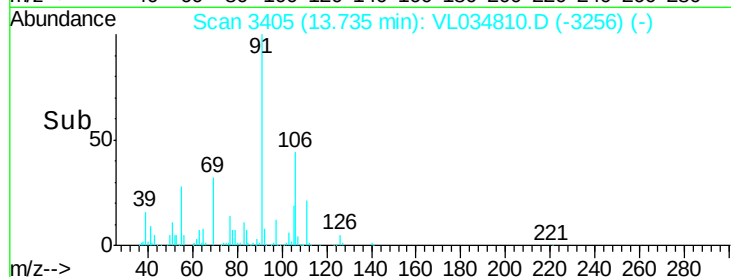
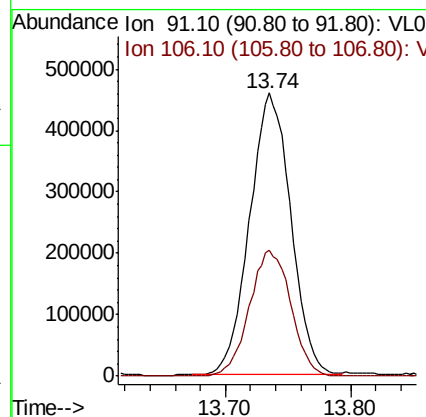
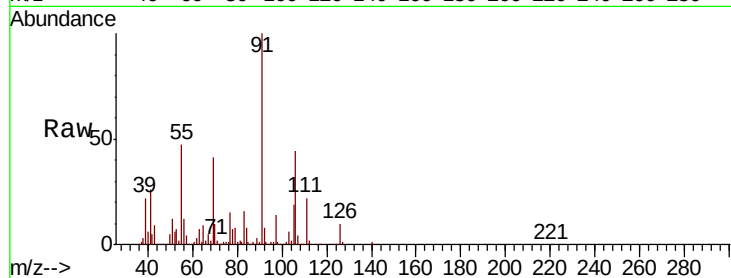
#60
o-Xylene
Concen: 8.575 ppbv
RT: 13.74 min Scan# 3405
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampled :
SS-1-4

Tot Ion: 91 Resp: 1046570
Ion Ratio Lower Upper
91 100
106 44.9 21.7 65.1

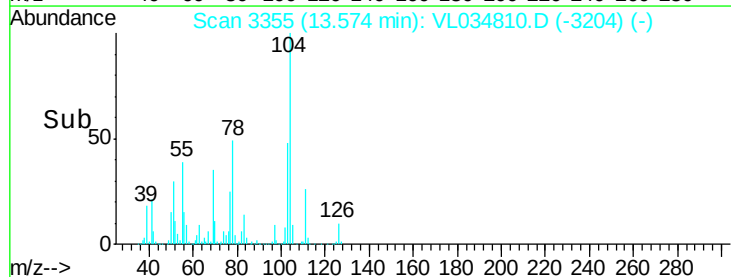
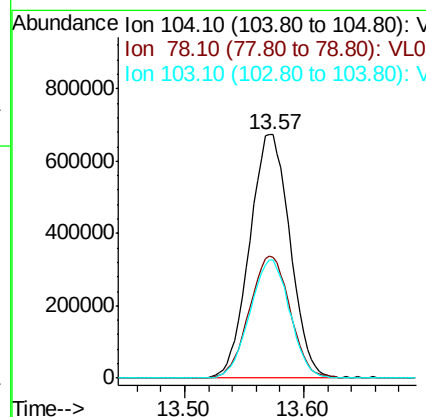
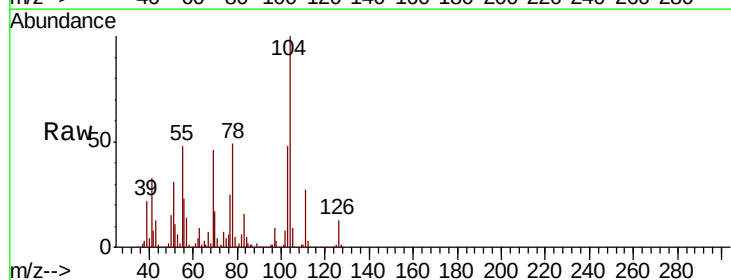
Manual Integrations
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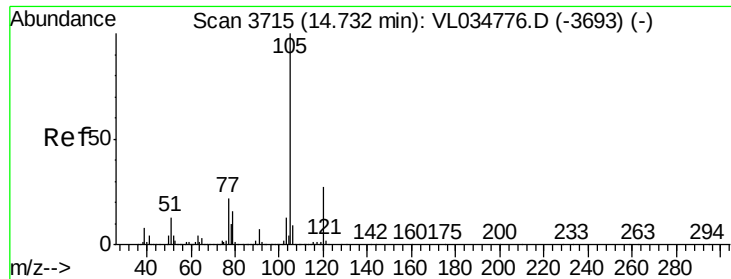
MMDadoda
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#61
Styrene
Concen: 20.938 ppbv
RT: 13.57 min Scan# 3355
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 104 Resp: 1585385
Ion Ratio Lower Upper
104 100
78 50.5 44.7 67.1
103 48.0 38.2 57.2





#62

Isopropylbenzene

Concen: 1.188 ppbv

RT: 14.71 min Scan# 3708

Delta R.T. -0.02 min

Lab File: VL034810.D

Acq: 6 Mar 2020 00:56

Instrument :

MSVOA_L

ClientSampled :

SS-1-4

Tot Ion:105 Resp: 213466

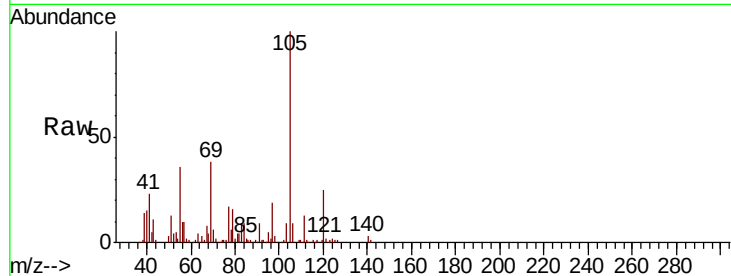
Ion Ratio Lower Upper

105 100

120 24.8 20.5 30.7

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

14.71

100000

80000

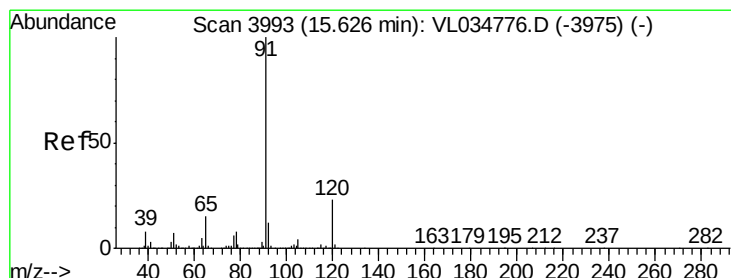
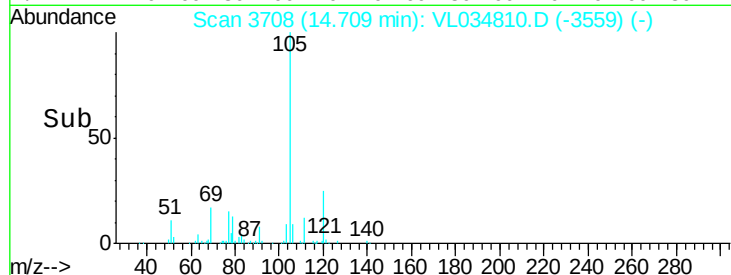
60000

40000

20000

0

Time--> 14.60 14.70 14.80



#64

n-propylbenzene

Concen: 1.452 ppbv

RT: 15.61 min Scan# 3987

Delta R.T. -0.02 min

Lab File: VL034810.D

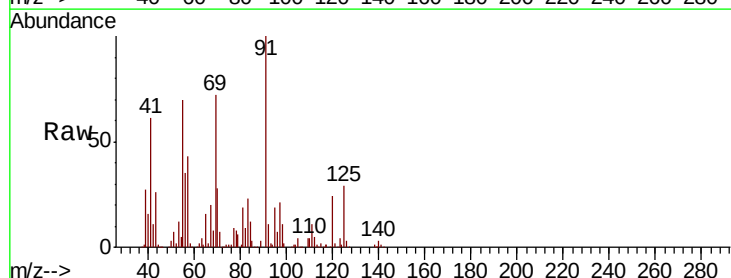
Acq: 6 Mar 2020 00:56

Tgt Ion:120 Resp: 65400

Ion Ratio Lower Upper

120 100

91 489.7 379.4 569.2



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

15.61

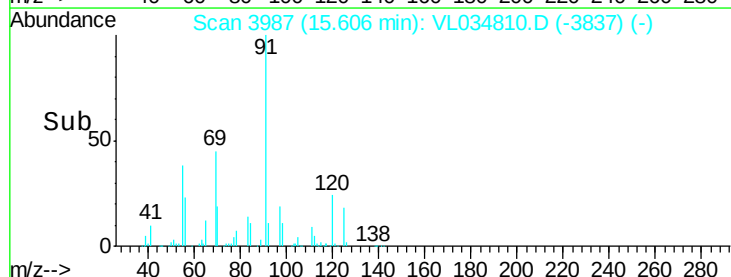
150000

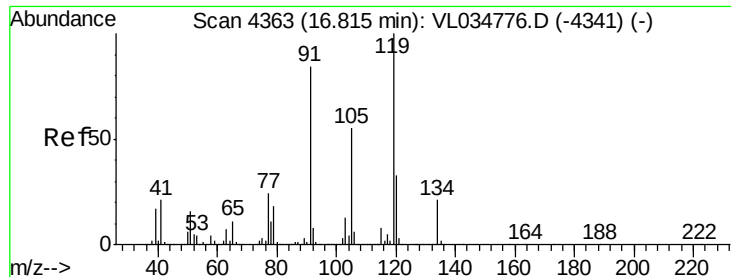
100000

50000

0

Time--> 15.55 15.60 15.65





#65

tert-Butylbenzene

Concen: 0.380 ppbv

RT: 16.81 min Scan# 4360

Delta R.T. -0.01 min

Lab File: VL034810.D

Acq: 6 Mar 2020 00:56

Instrument :

MSVOA_L

ClientSampleId :

SS-1-4

Tot Ion:119 Resp: 57642

Ion Ratio Lower Upper

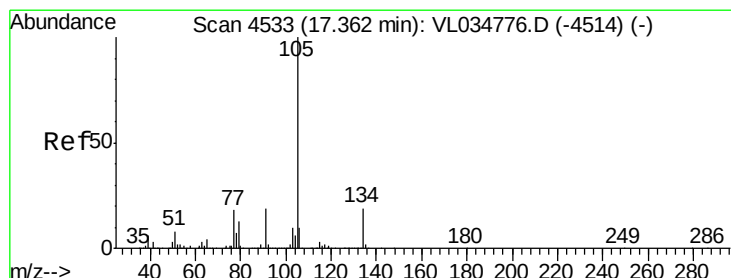
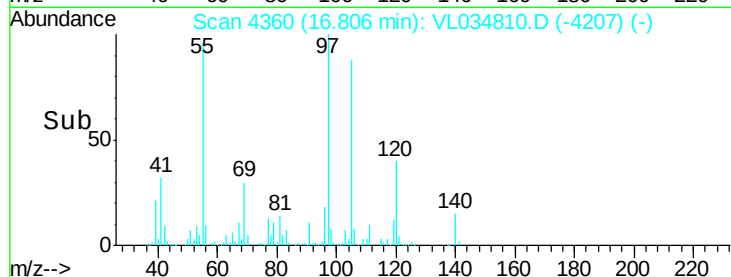
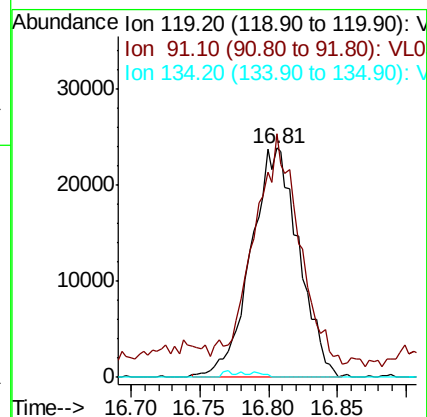
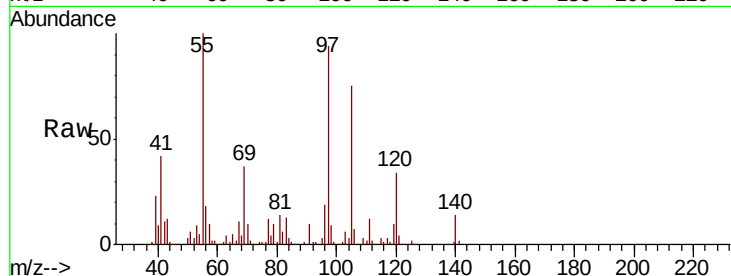
119 100

91 99.2 69.8 104.6

134 0.0 15.9 23.9#

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#67

sec-Butylbenzene

Concen: 0.282 ppbv

RT: 17.34 min Scan# 4526

Delta R.T. -0.02 min

Lab File: VL034810.D

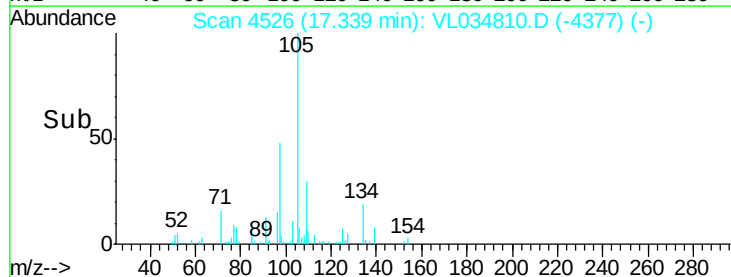
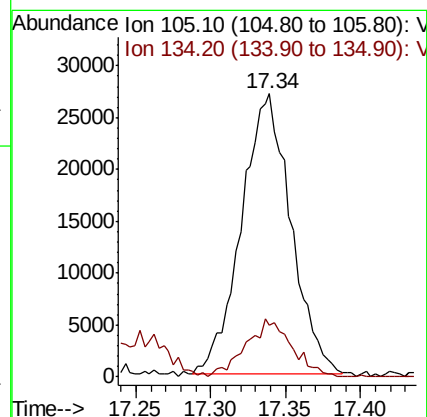
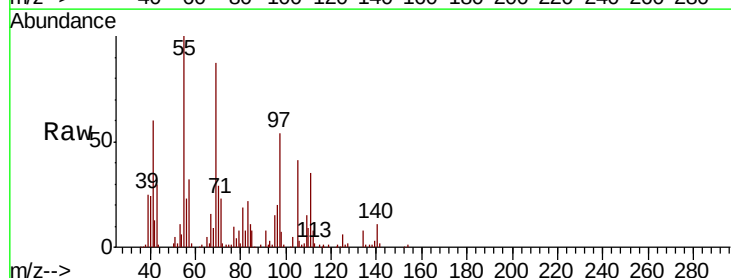
Acq: 6 Mar 2020 00:56

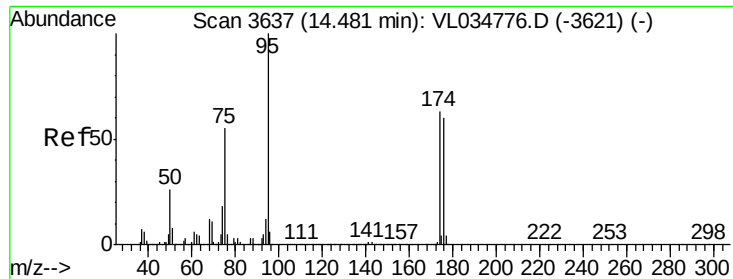
Tgt Ion:105 Resp: 62365

Ion Ratio Lower Upper

105 100

134 19.1 14.7 22.1





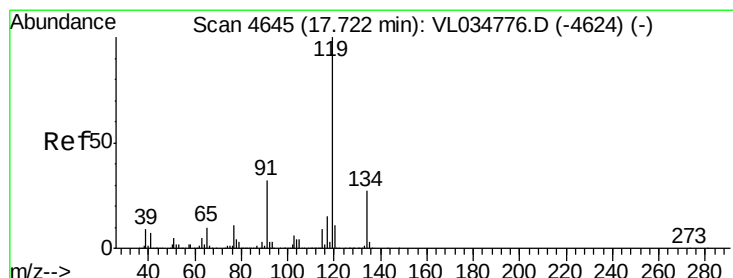
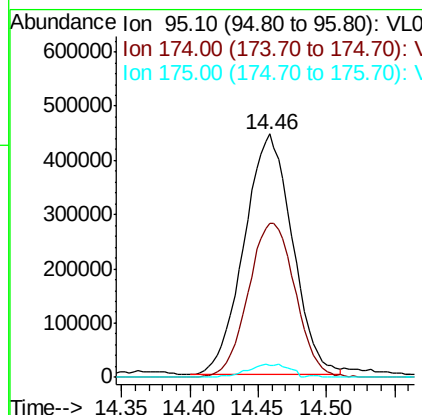
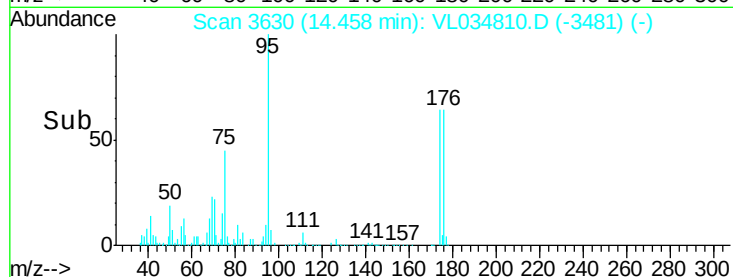
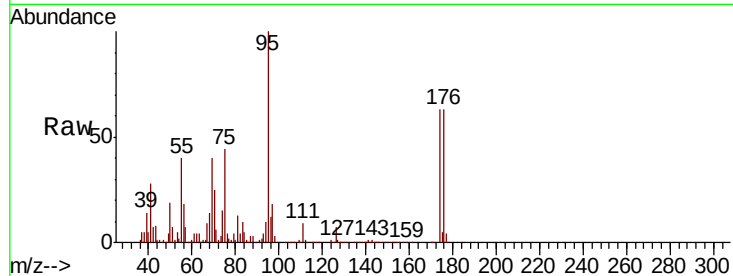
#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.611 ppbv
 RT: 14.46 min Scan# 3630
 Delta R.T. -0.02 min
 Lab File: VL034810.D
 Acq: 6 Mar 2020 00:56

Instrument :
 MSVOA_L
 ClientSampled :
 SS-1-4

Tot Ion: 95 Resp: 1094810
 Ion Ratio Lower Upper
 95 100
 174 62.5 50.6 76.0
 175 4.9 3.8 5.6

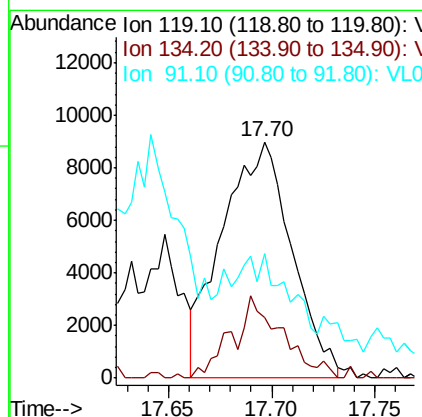
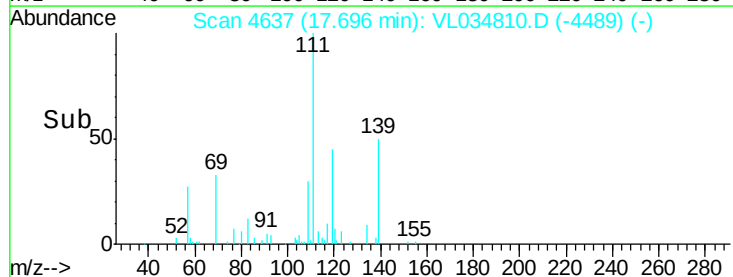
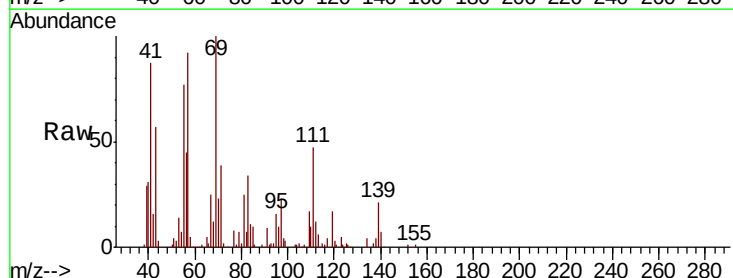
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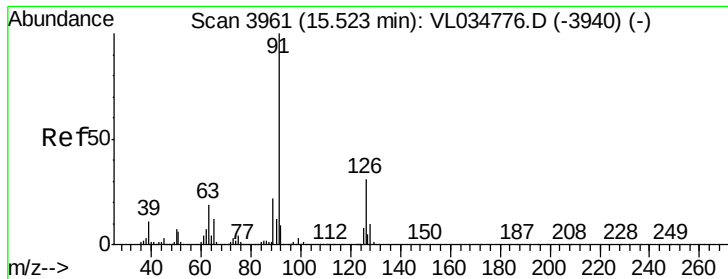
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#69
 p-Isopropyltoluene
 Concen: 0.117 ppbv m
 RT: 17.70 min Scan# 4637
 Delta R.T. -0.03 min
 Lab File: VL034810.D
 Acq: 6 Mar 2020 00:56

Tgt Ion: 119 Resp: 21021
 Ion Ratio Lower Upper
 119 100
 134 0.0 20.6 30.8#
 91 47.1 25.3 37.9#





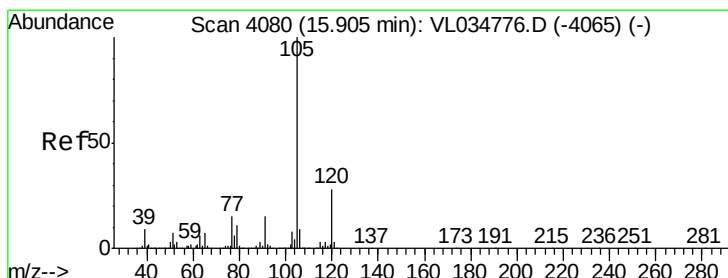
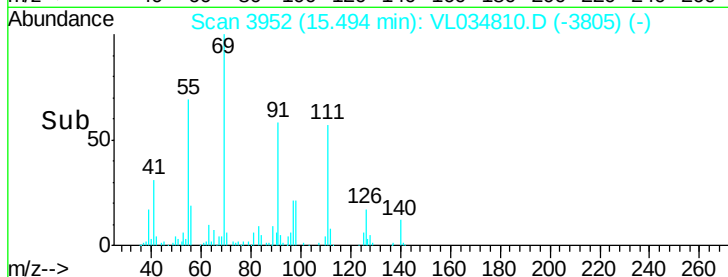
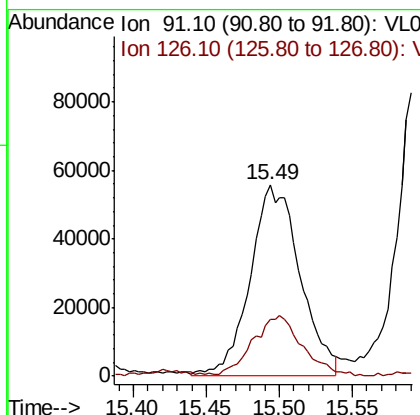
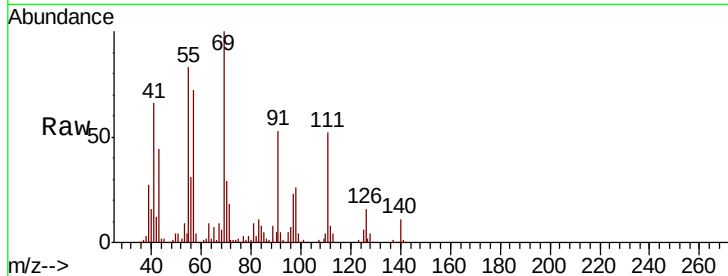
#71
 2-Chlorotoluene
 Concen: 0.978 ppbv m
 RT: 15.49 min Scan# 3952
 Delta R.T. -0.03 min
 Lab File: VL034810.D
 Acq: 6 Mar 2020 00:56

Instrument :
 MSVOA_L
 ClientSampled :
 SS-1-4

Tot Ion: 91 Resp: 132693
 Ion Ratio Lower Upper
 91 100
 126 31.4 11.7 46.7

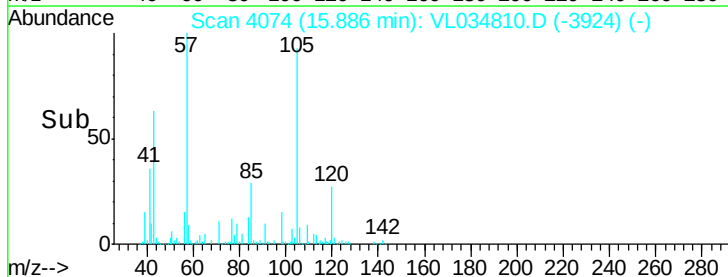
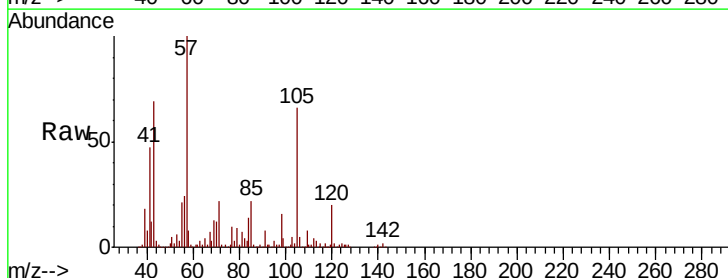
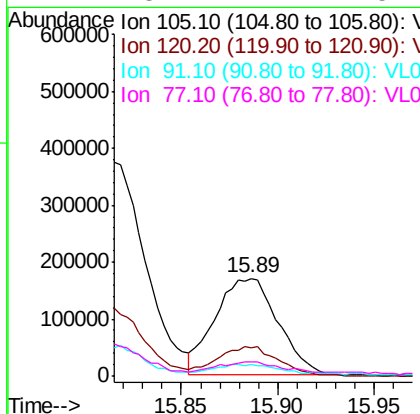
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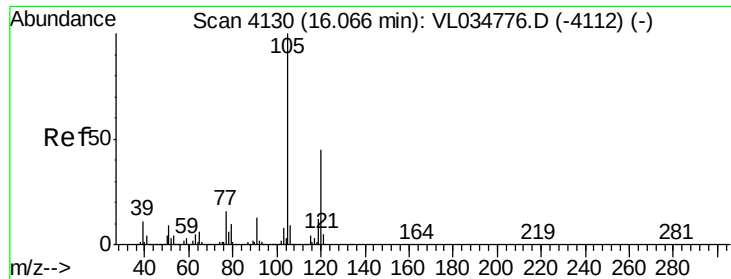
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#72
 4-Ethyltoluene
 Concen: 2.838 ppbv
 RT: 15.89 min Scan# 4074
 Delta R.T. -0.02 min
 Lab File: VL034810.D
 Acq: 6 Mar 2020 00:56

Tgt Ion: 105 Resp: 385667
 Ion Ratio Lower Upper
 105 100
 120 29.0 23.0 34.6
 91 12.2 11.1 16.7
 77 18.4 12.2 18.4#





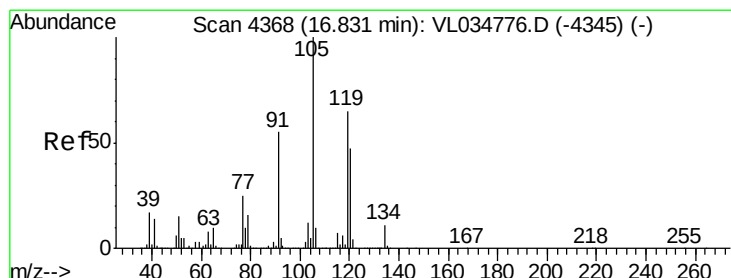
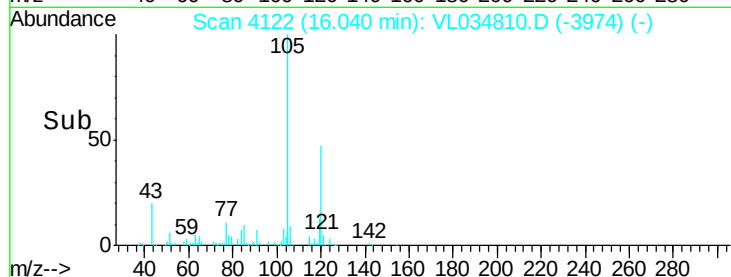
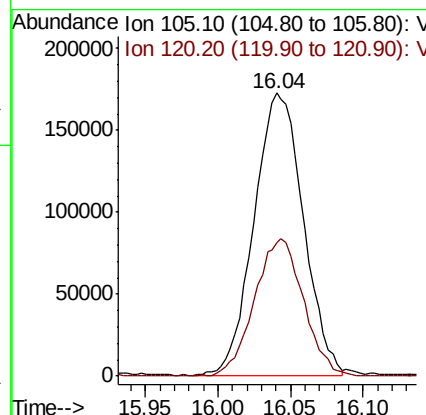
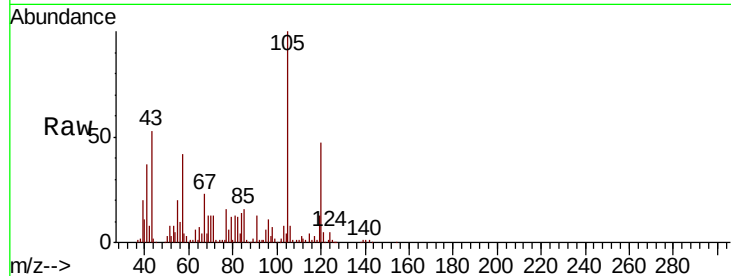
#73
 1,3,5-Trimethylbenzene
 Concen: 3.124 ppbv
 RT: 16.04 min Scan# 4122
 Delta R.T. -0.03 min
 Lab File: VL034810.D
 Acq: 6 Mar 2020 00:56

Instrument :
 MSVOA_L
 ClientSampled :
 SS-1-4

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.0	35.6	53.4

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#74
 1,2,4-Trimethylbenzene
 Concen: 3.055 ppbv
 RT: 16.81 min Scan# 4360
 Delta R.T. -0.03 min
 Lab File: VL034810.D
 Acq: 6 Mar 2020 00:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	37.8	56.6
91	13.0	43.8	65.8#
77	13.6	19.9	29.9#

