

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036648.D
 Acq On : 2 Apr 2021 17:06
 Operator : SY/AP
 Sample : M1841-06
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-SS-4

Manual Integrations
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Quant Time: Apr 04 16:40:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1271851	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3311883	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2996070	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2357431	9.87	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	38566	0.186	ppbv	94
4) Chloromethane	3.13	50	27590m	0.329	ppbv	
9) Propene	3.01	41	70427	0.930	ppbv	86
10) Heptane	8.11	43	263462	1.365	ppbv	99
11) Trichlorofluoromethane	3.94	101	41928	0.198	ppbv	95
13) Ethanol	3.61	45	1006006	111.516	ppbv	93
15) Acetone	3.84	43	10858176	86.741	ppbv	93
17) tert-Butyl alcohol	4.29	59	624036	5.727	ppbv	99
19) Isopropyl Alcohol	3.97	45	4612554	66.984	ppbv #	1
20) Methylene Chloride	4.34	84	3154534	53.823	ppbv	95
26) Hexane	5.68	57	2482298	17.974	ppbv #	47
29) Chloroform	5.74	83	295065	1.336	ppbv	94
30) Cyclohexane	7.12	84	33734m	0.301	ppbv	
34) 2-Butanone	5.24	43	1134328	7.017	ppbv	98
35) Carbon Tetrachloride	7.01	117	13995m	0.055	ppbv	
36) Benzene	6.88	78	374012	1.224	ppbv	98
38) Trichloroethene	7.82	130	7906m	0.067	ppbv	
41) Tetrahydrofuran	6.05	42	35722m	0.479	ppbv	
42) Bromodichloromethane	7.78	83	158571	0.648	ppbv #	82
43) Methyl Methacrylate	8.01	69	21860m	0.213	ppbv	
44) 2,2,4-Trimethylpentane	7.85	57	398631	0.742	ppbv	95
48) Dibromochloromethane	10.30	129	32956m	0.172	ppbv	
52) Tetrachloroethene	11.21	164	177395	1.577	ppbv	95
53) Toluene	9.79	91	969407	2.980	ppbv	98
58) Ethyl Benzene	12.70	91	339136	0.778	ppbv	99
59) m/p-Xylene	12.96	91	1202052	3.162	ppbv	97
60) o-Xylene	13.68	91	630187	1.714	ppbv	100
61) Styrene	13.52	104	30069m	0.163	ppbv	
62) Isopropylbenzene	14.66	105	73981	0.149	ppbv	95
64) n-propylbenzene	15.55	120	49902m	0.412	ppbv	
65) tert-Butylbenzene	16.75	119	135579	0.316	ppbv #	71
69) p-Isopropyltoluene	17.64	119	55961	0.118	ppbv	94
70) n-Butylbenzene	18.55	91	106900m	0.218	ppbv	
72) 4-Ethyltoluene	15.83	105	341856	0.849	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	369531	0.983	ppbv	93
74) 1,2,4-Trimethylbenzene	16.75	105	1214444	3.019	ppbv #	66
79) Naphthalene	22.20	128	42707m	0.182	ppbv	

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

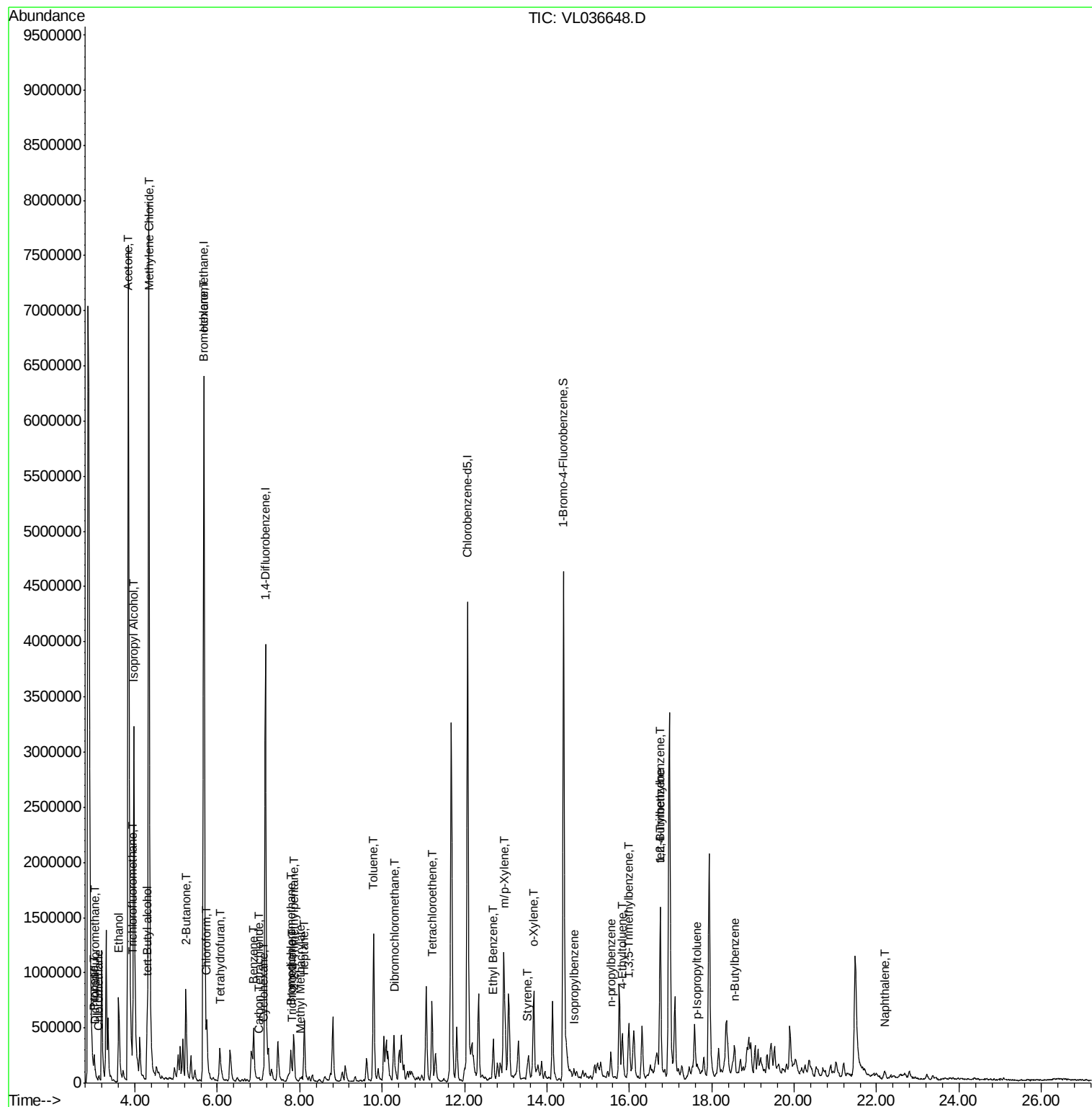
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036648.D
Acq On : 2 Apr 2021 17:06
Operator : SY/AP
Sample : M1841-06
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

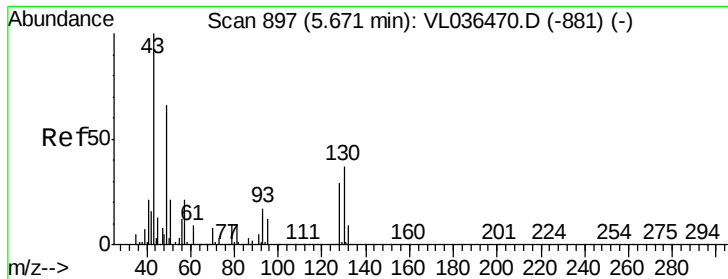
Instrument :
MSVOA_L
ClientSampleId :
PBS-SS-4

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Quant Time: Apr 04 16:40:02 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

Instrument :

MSVOA_L

ClientSampled :

PBS-SS-4

Tot Ion: 49 Resp: 1271851

Ion Ratio Lower Upper

49 100

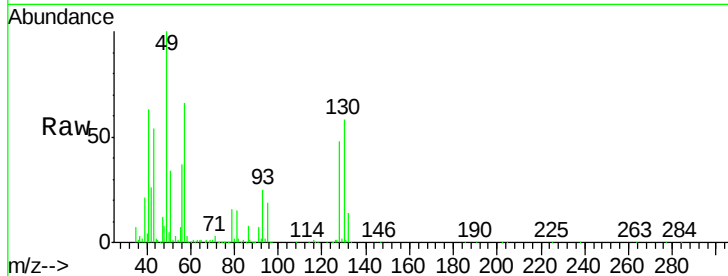
128 48.1 23.5 70.6

130 61.7 29.1 87.4

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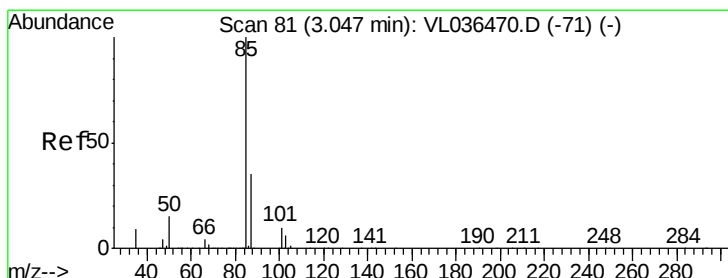
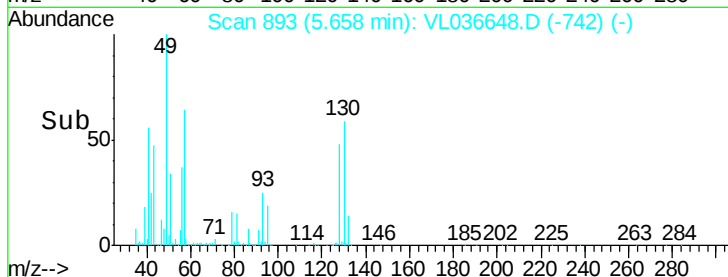
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 0.186 ppbv

RT: 3.04 min Scan# 78

Delta R.T. -0.01 min

Lab File: VL036648.D

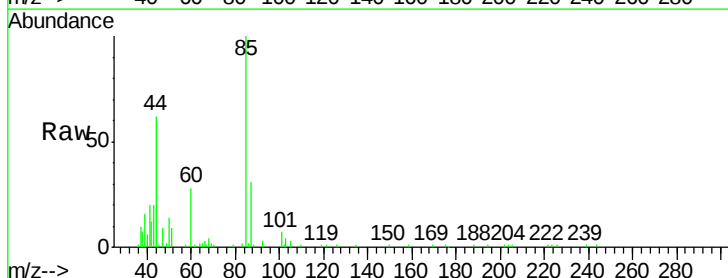
Acq: 2 Apr 2021 17:06

Tgt Ion: 85 Resp: 38566

Ion Ratio Lower Upper

85 100

87 31.1 27.8 41.8

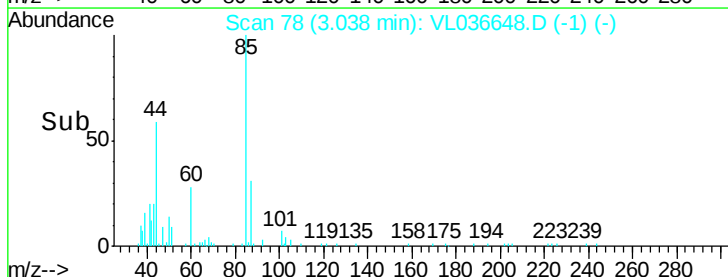


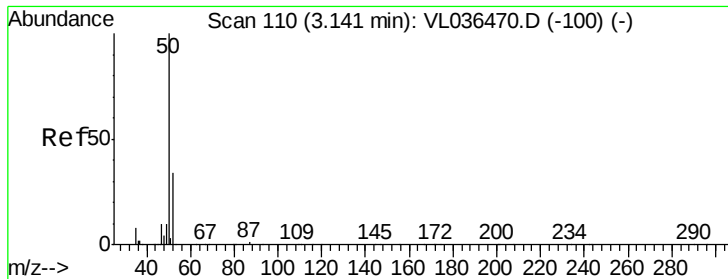
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.04

Time-->





#4

Chloromethane

Concen: 0.329 ppbv m

RT: 3.13 min Scan# 107

Delta R.T. -0.01 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

Instrument :

MSVOA_L

ClientSampleId :

PBS-SS-4

Tot Ion: 50 Resp: 27590

Ion Ratio Lower Upper

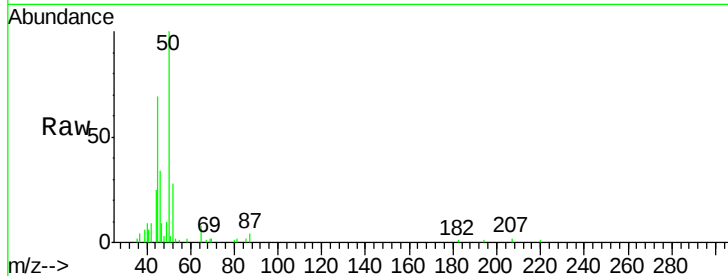
50 100

52 28.4 27.0 40.6

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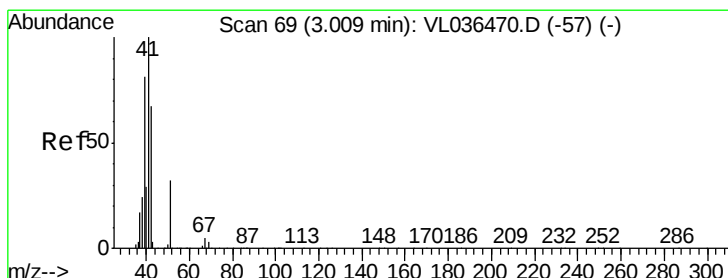
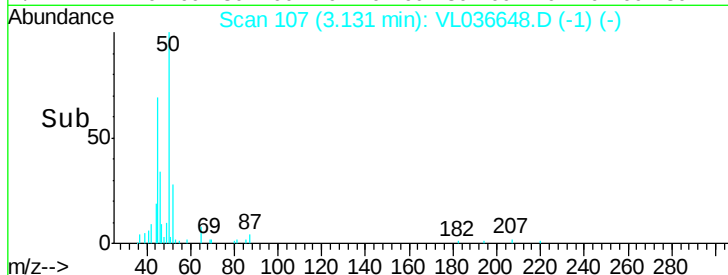
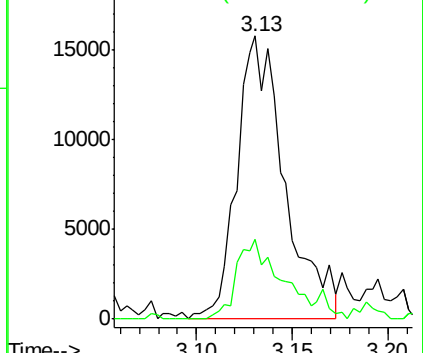
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Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#9

Propene

Concen: 0.930 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL036648.D

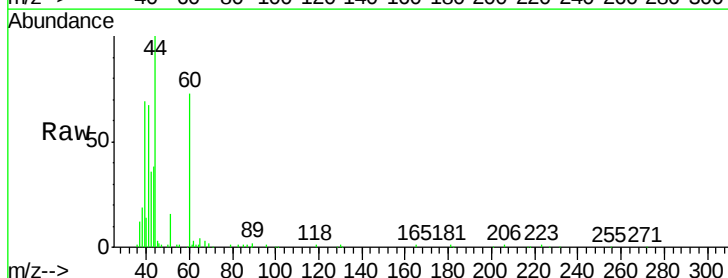
Acq: 2 Apr 2021 17:06

Tgt Ion: 41 Resp: 70427

Ion Ratio Lower Upper

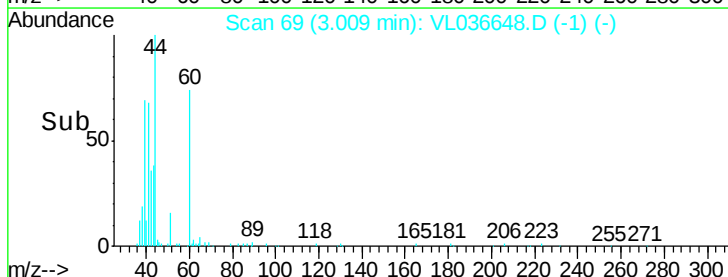
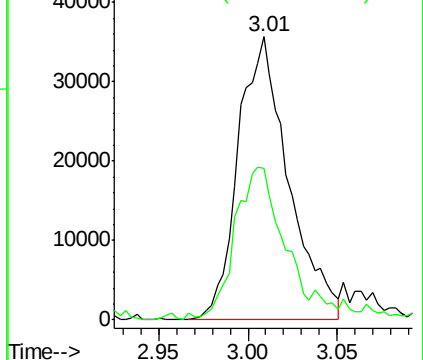
41 100

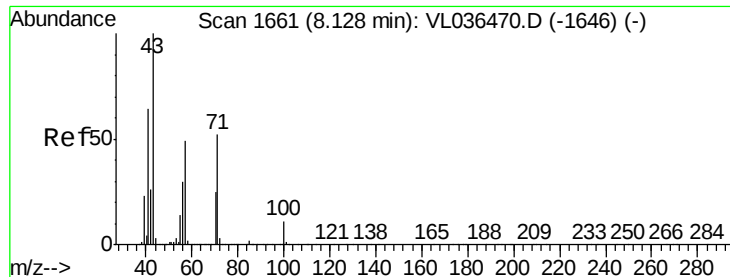
42 59.3 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





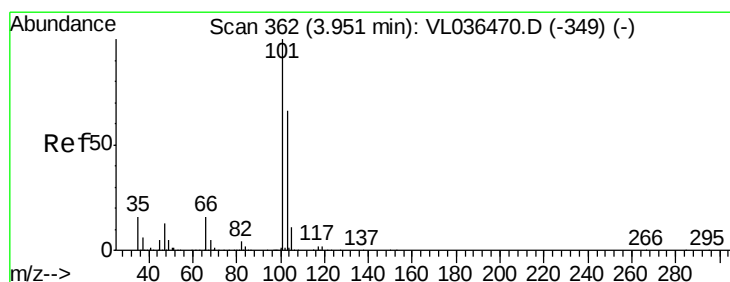
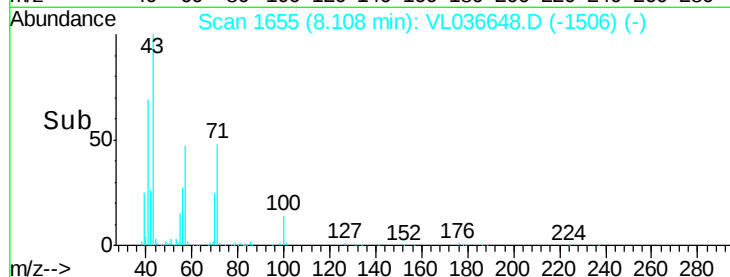
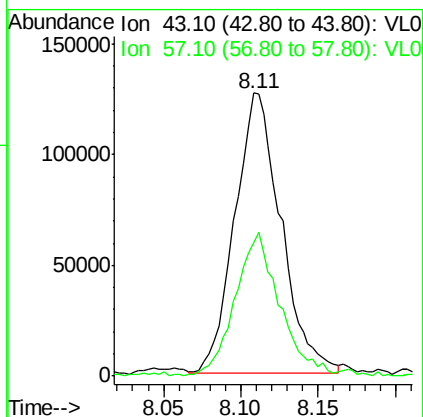
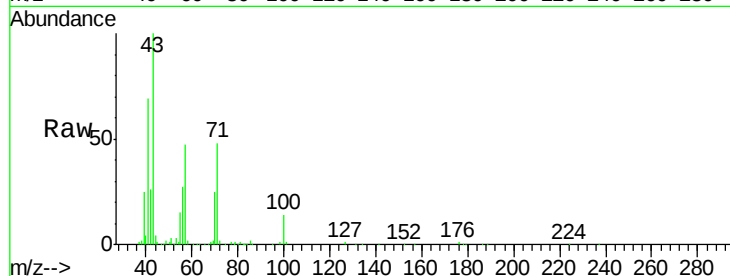
#10
Heptane
Concen: 1.365 ppbv
RT: 8.11 min Scan# 1655
Delta R.T. -0.02 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Instrument :
MSVOA_L
ClientSampleId :
PBS-SS-4

Tot Ion	Ratio	Lower	Upper
43	100		
57	49.4	39.0	58.6

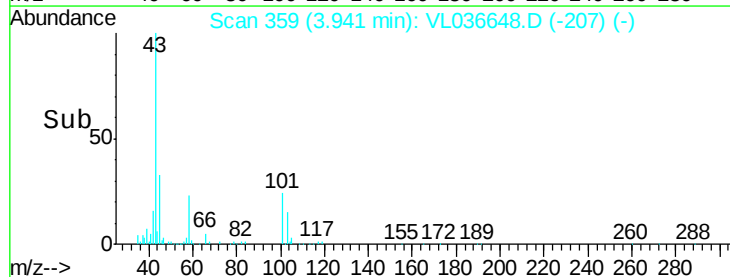
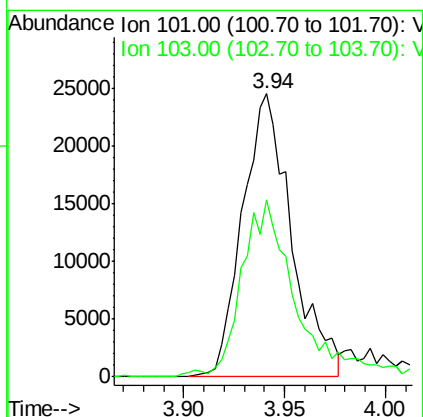
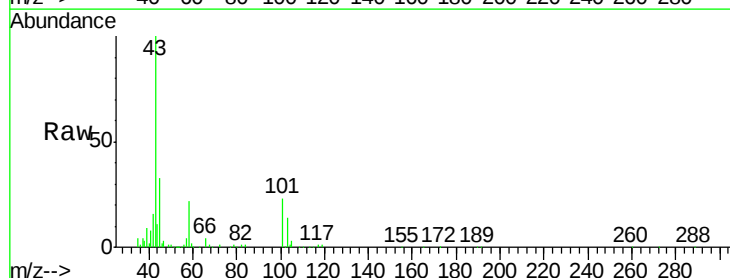
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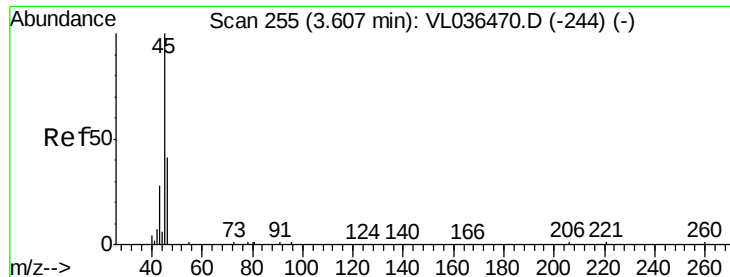
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#11
Trichlorofluoromethane
Concen: 0.198 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.01 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.3	52.5	78.7





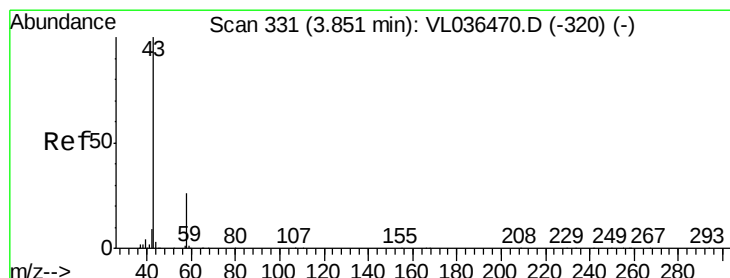
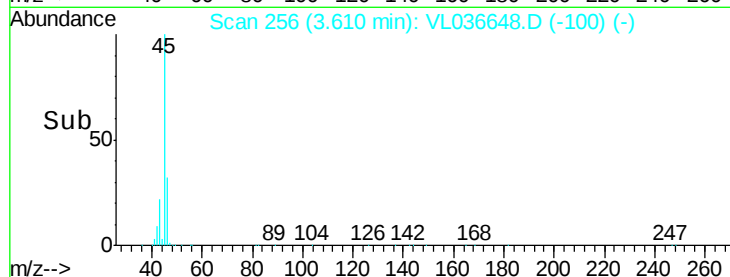
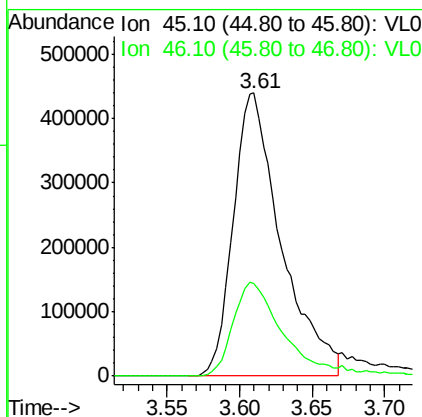
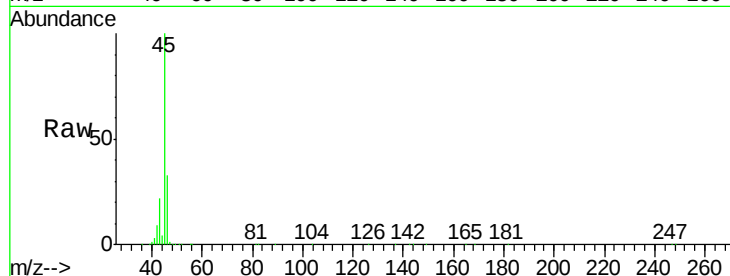
#13
Ethanol
Concen: 111.516 ppbv
RT: 3.61 min Scan# 256
Delta R.T. 0.00 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Instrument :
MSVOA_L
ClientSampleId :
PBS-SS-4

Tot Ion: 45 Resp: 1006006
Ion Ratio Lower Upper
45 100
46 37.0 16.6 66.2

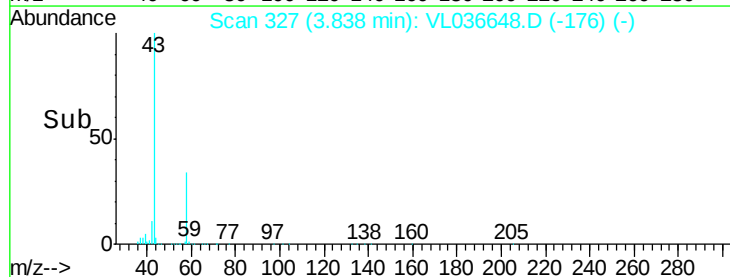
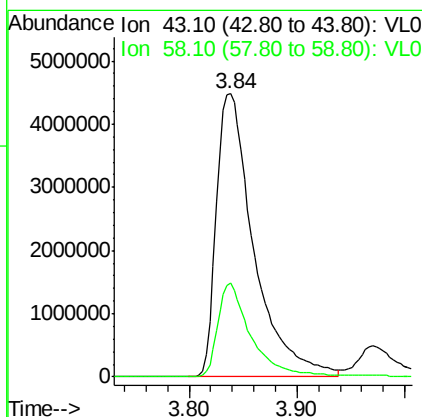
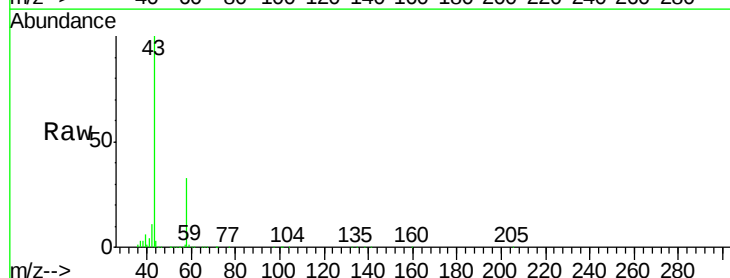
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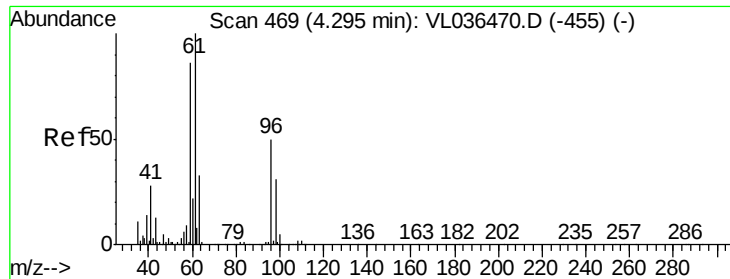
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#15
Acetone
Concen: 86.741 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Tgt Ion: 43 Resp: 10858176
Ion Ratio Lower Upper
43 100
58 30.0 21.2 31.8





#17

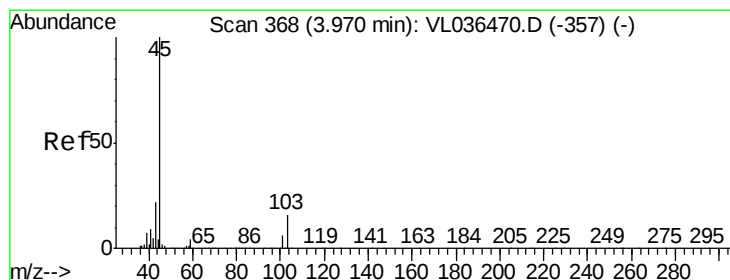
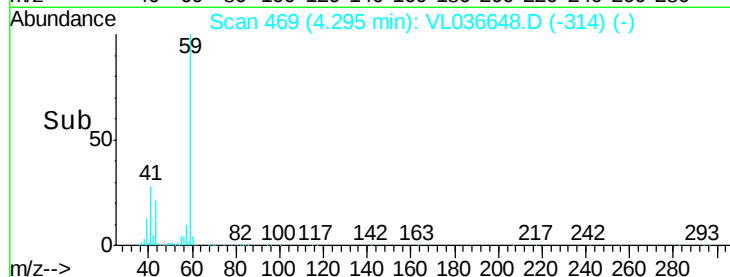
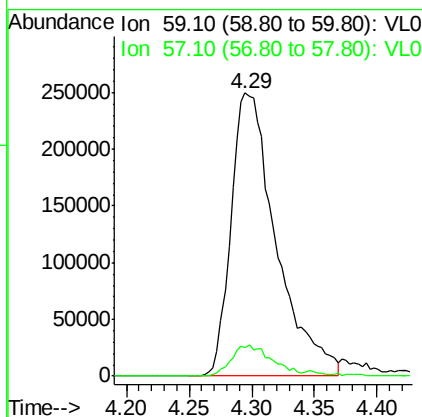
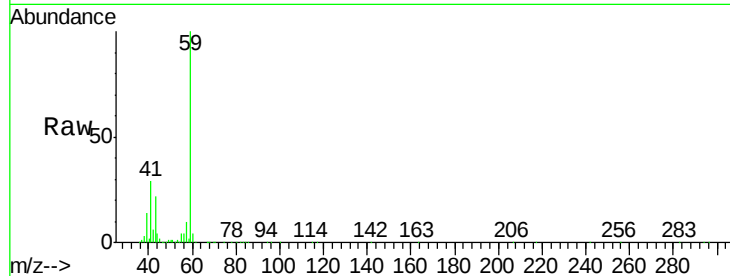
tert-Butyl alcohol
Concen: 5.727 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Instrument :
MSVOA_L
ClientSampled :
PBS-SS-4

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.6	12.8

Manual Integrations
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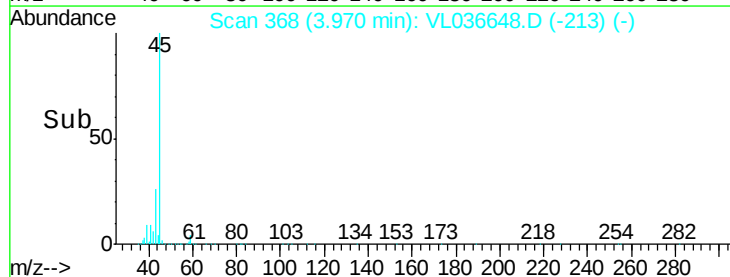
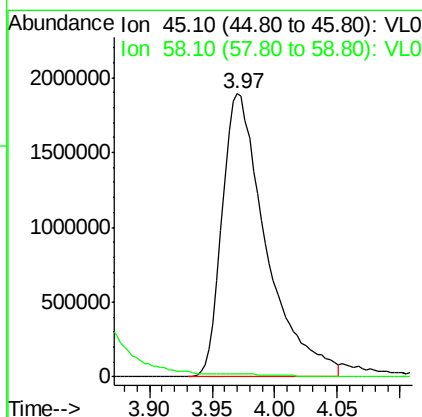
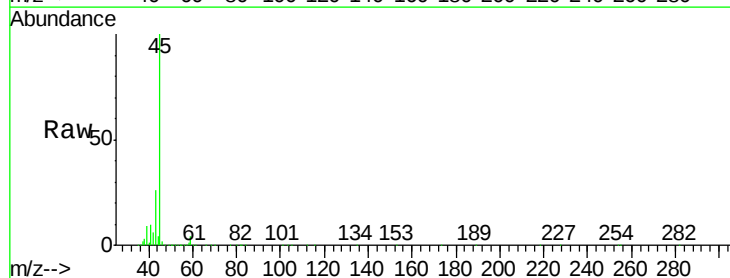
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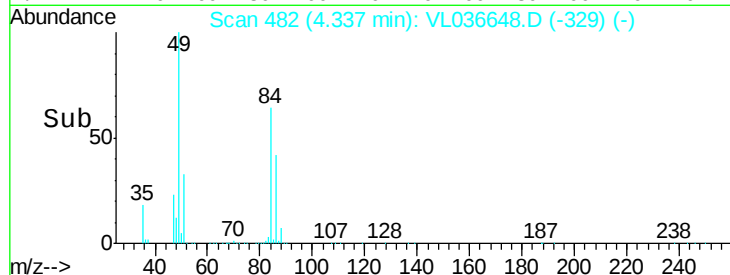
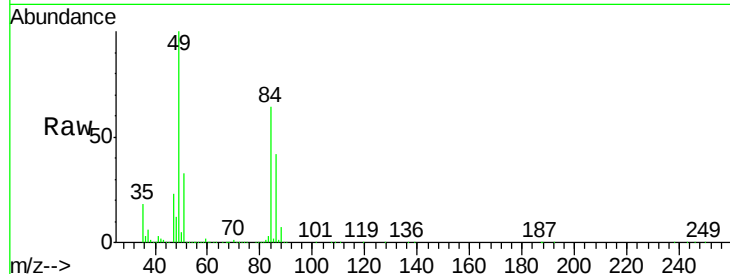
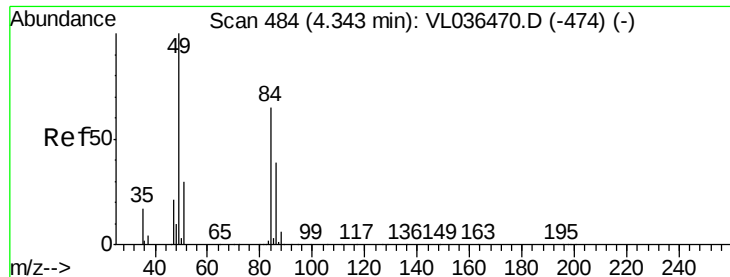


#19

Isopropyl Alcohol
Concen: 66.984 ppbv
RT: 3.97 min Scan# 368
Delta R.T. -0.00 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Tgt Ion	Ratio	Lower	Upper
45	100		
58	69.0	2.9	4.3#





#20
Methvlene Chloride
Concen: 53.823 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

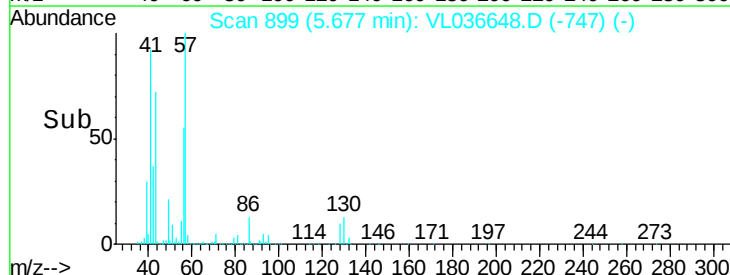
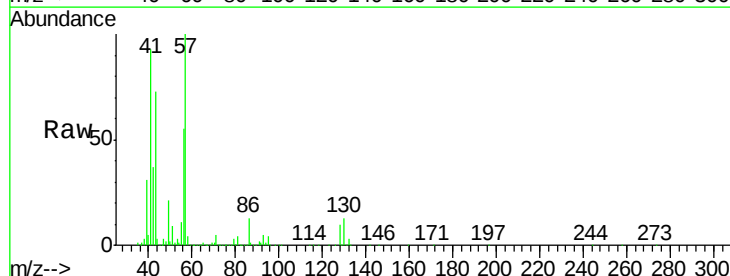
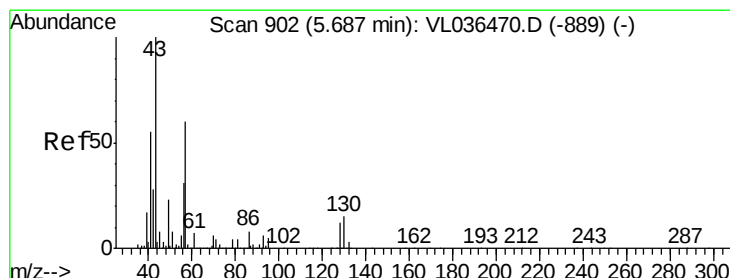
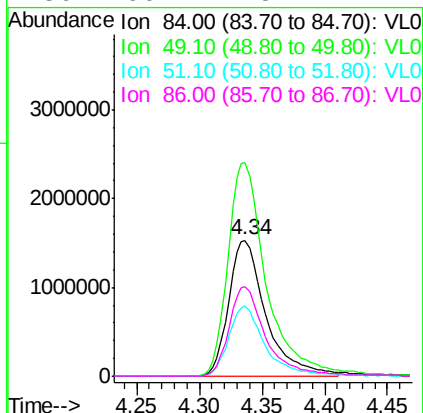
Tot Ion: 84 Resp: 3154534

Ion	Ratio	Lower	Upper
84	100		
49	156.6	122.9	184.3
51	51.8	36.9	55.3
86	66.1	48.2	72.4

Instrument :
MSVOA_L
ClientSampleId :
PBS-SS-4

Manual Integrations
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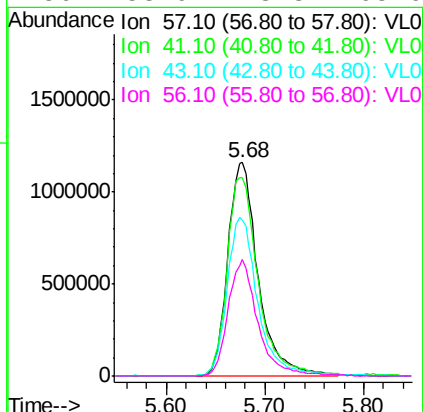
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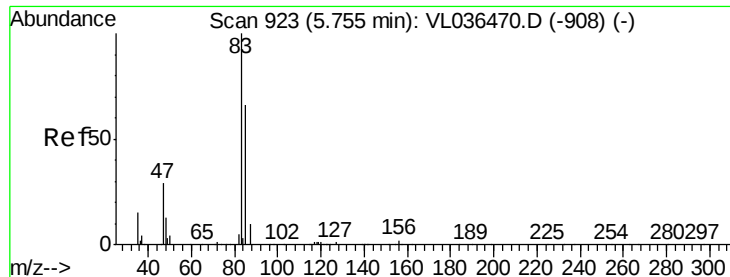


#26
Hexane
Concen: 17.974 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Tgt Ion: 57 Resp: 2482298

Ion	Ratio	Lower	Upper
57	100		
41	96.0	77.2	115.8
43	75.2	173.8	260.6#
56	53.9	43.8	65.6





#29

Chloroform

Concen: 1.336 ppbv

RT: 5.74 min Scan# 919

Delta R.T. -0.01 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

Instrument :

MSVOA_L

ClientSampleId :

PBS-SS-4

Tot Ion: 83 Resp: 295065

Ion Ratio Lower Upper

83 100

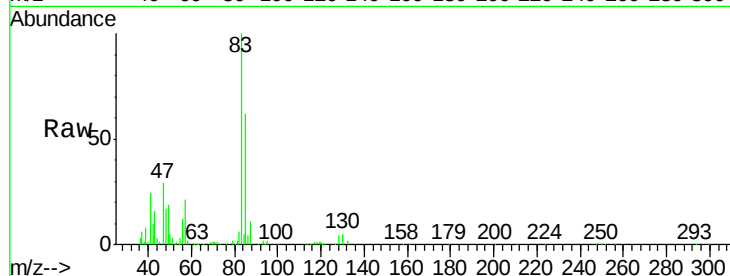
85 60.9 52.6 78.8

Manual Integrations

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Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

5.74

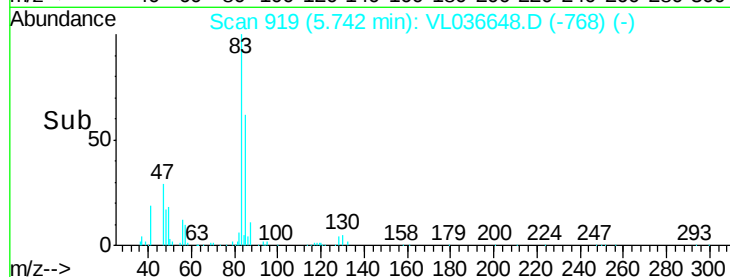
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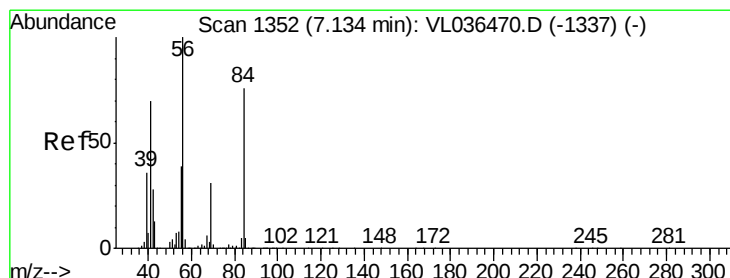
50000

0

Time-->



Time-->



#30

Cyclohexane

Concen: 0.301 ppbv m

RT: 7.12 min Scan# 1348

Delta R.T. -0.01 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

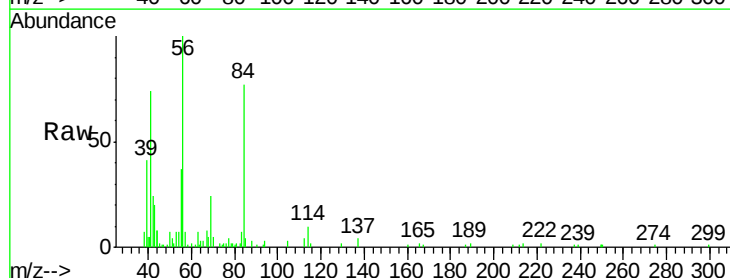
Tgt Ion: 84 Resp: 33734

Ion Ratio Lower Upper

84 100

56 123.7 114.6 171.8

41 104.3 75.3 112.9



Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

50000

40000

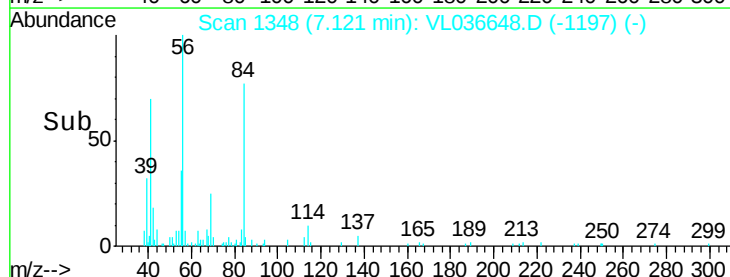
30000

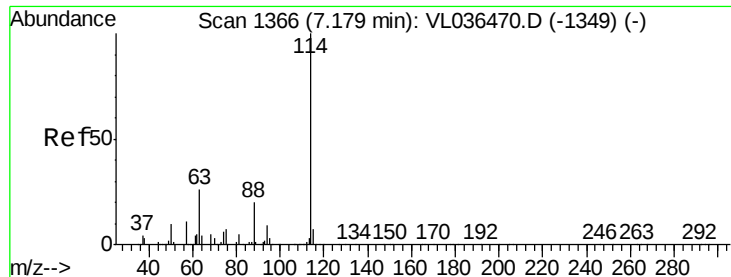
20000

10000

0

Time-->





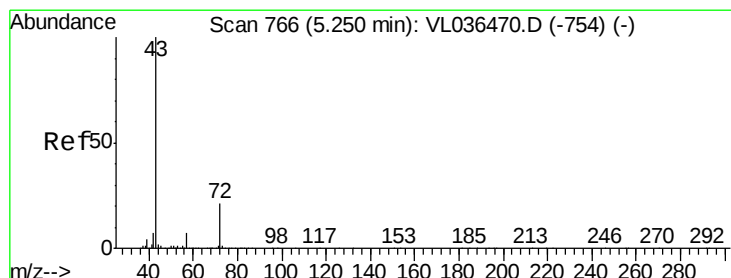
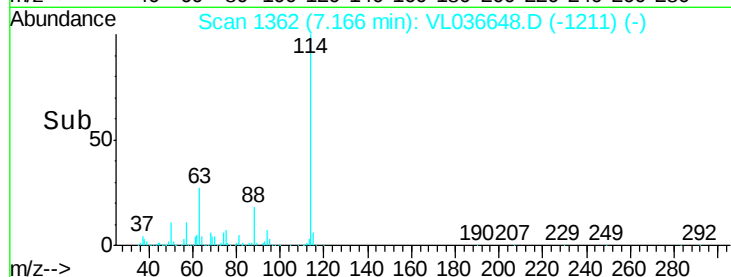
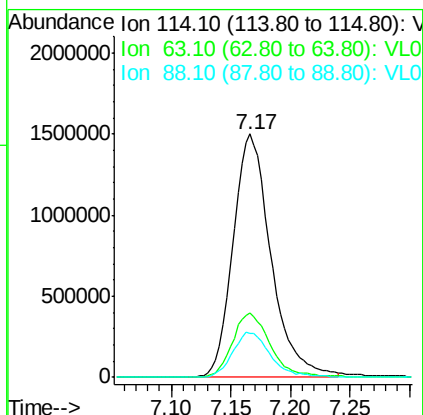
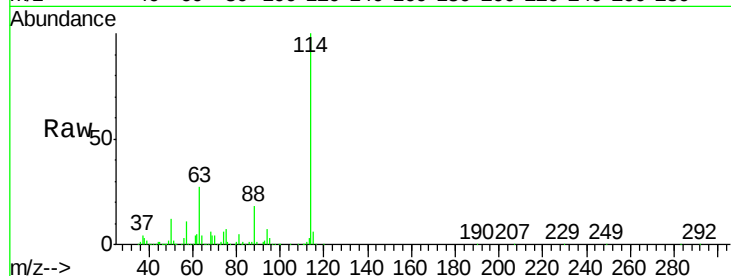
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VL036648.D
 Acq: 2 Apr 2021 17:06

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-SS-4

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.7	22.4	33.6
88	18.7	15.4	23.0

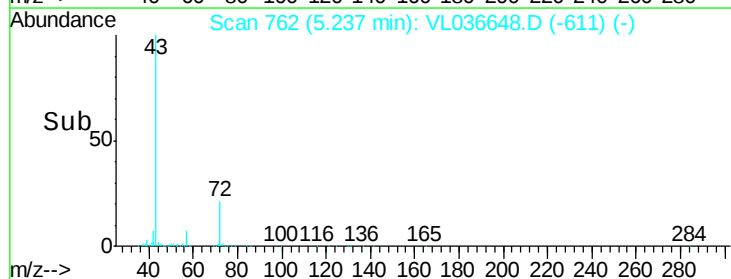
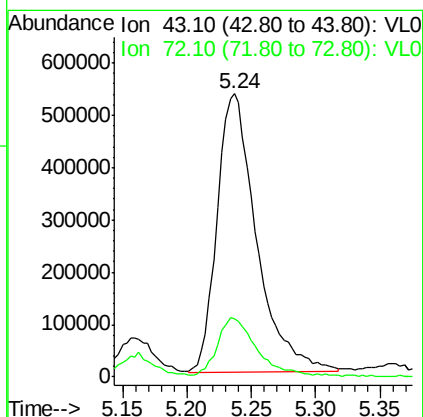
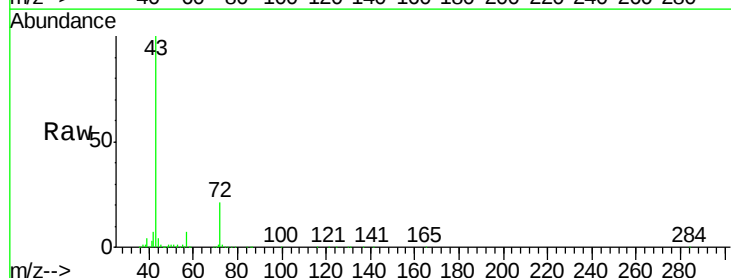
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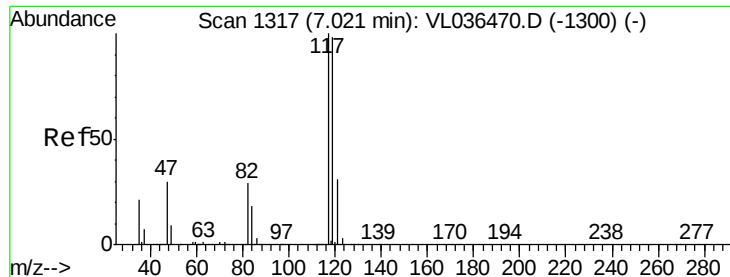
apatel
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#34
 2-Butanone
 Concen: 7.017 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL036648.D
 Acq: 2 Apr 2021 17:06

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.1	17.0	25.6





#35

Carbon Tetrachloride

Concen: 0.055 ppbv m

RT: 7.01 min Scan# 1312

Delta R.T. -0.02 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

Instrument :

MSVOA_L

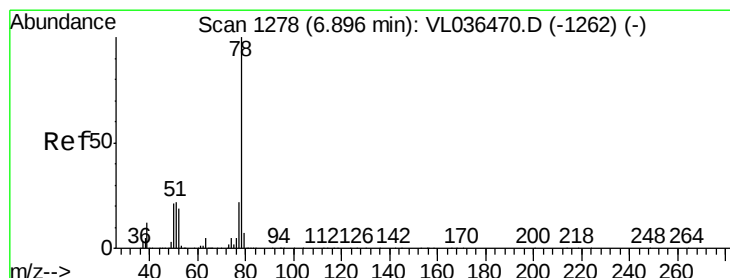
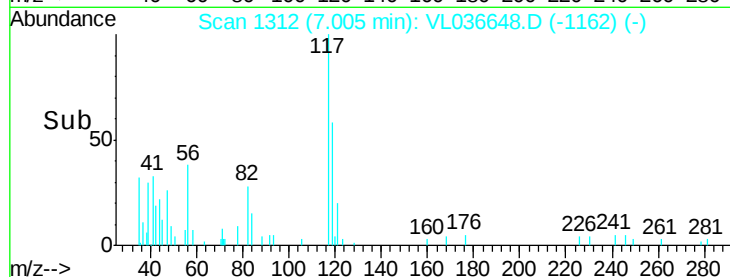
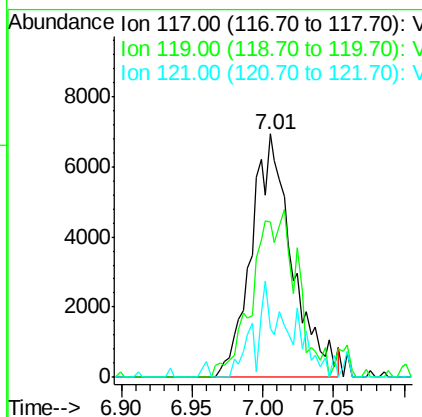
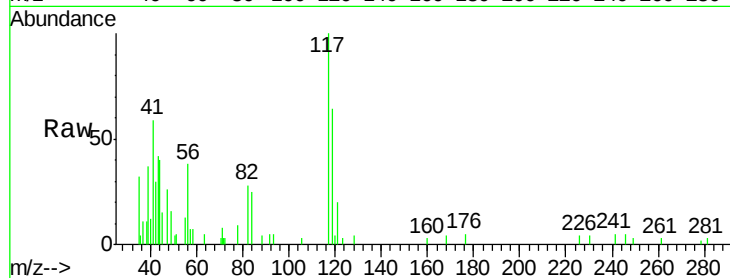
ClientSampleId :

PBS-SS-4

Tot Ion:	117	Resp:	13995
Ion Ratio	Lower	Upper	
117	100		
119	63.7	78.2	117.2#
121	20.0	24.5	36.7#

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#36

Benzene

Concen: 1.224 ppbv

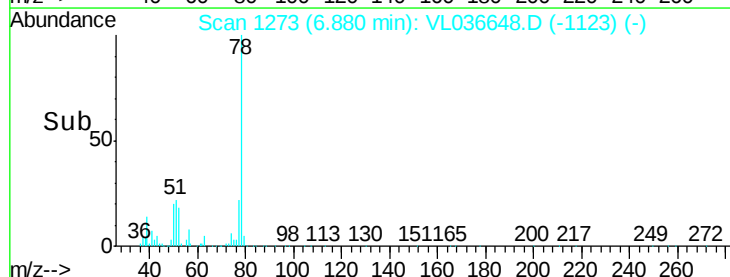
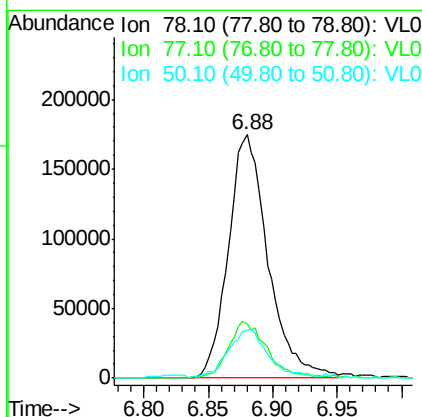
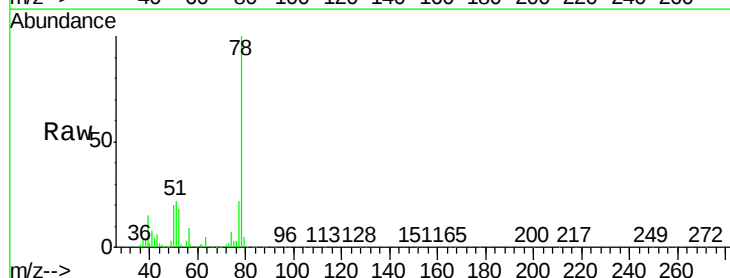
RT: 6.88 min Scan# 1273

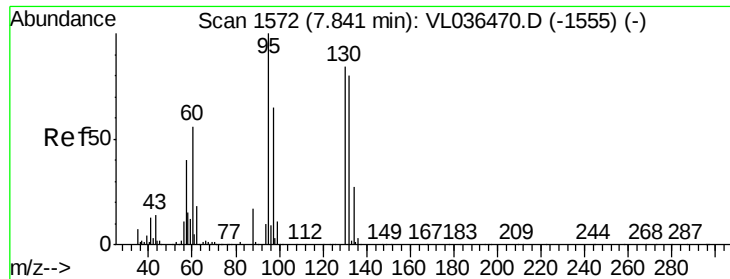
Delta R.T. -0.02 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

Tgt Ion:	78	Resp:	374012
Ion Ratio	Lower	Upper	
78	100		
77	21.9	18.0	27.0
50	19.4	16.5	24.7





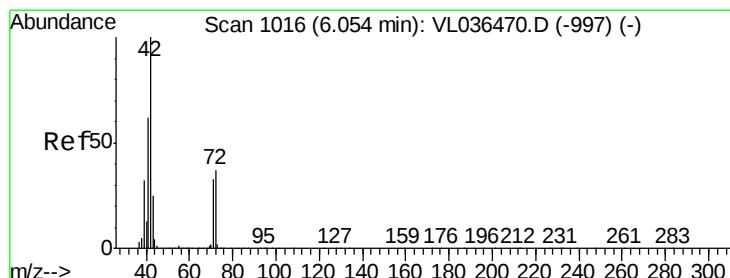
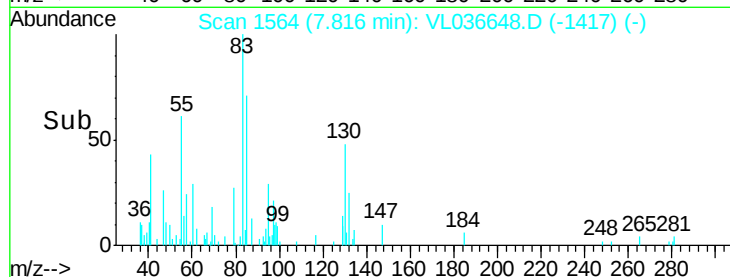
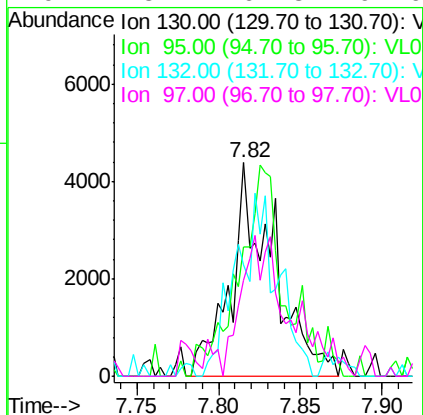
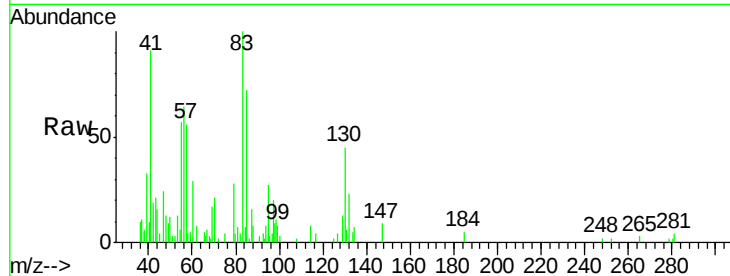
#38
 Trichloroethene
 Concen: 0.067 ppbv m
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.03 min
 Lab File: VL036648.D
 Acq: 2 Apr 2021 17:06

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-SS-4

Tot Ion	Ratio	Lower	Upper
130	100		
95	60.3	95.7	143.5#
132	52.3	76.2	114.4#
97	45.2	61.8	92.6#

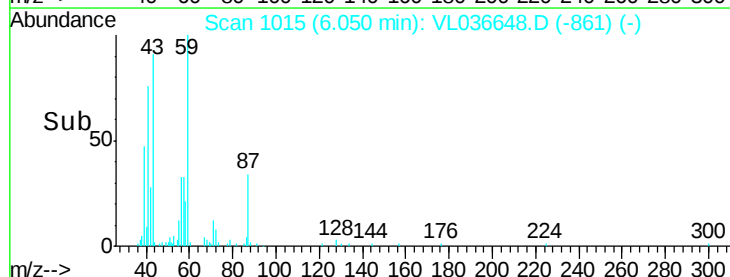
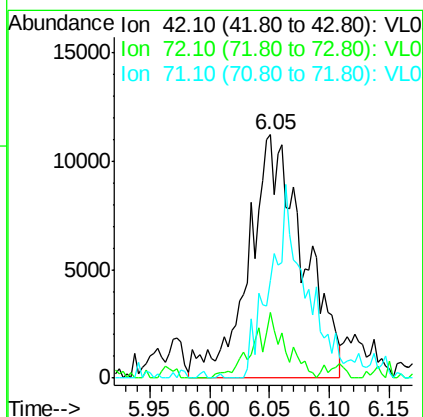
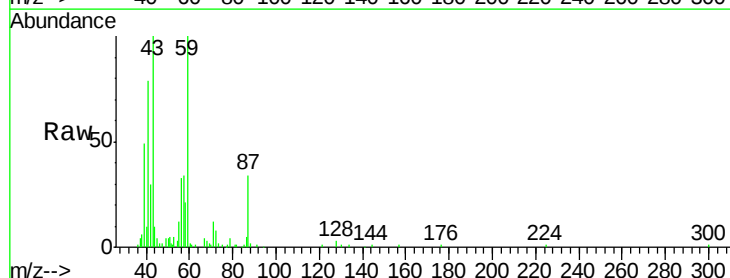
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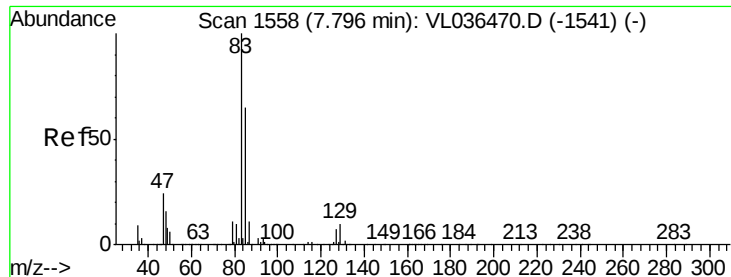
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#41
 Tetrahydrofuran
 Concen: 0.479 ppbv m
 RT: 6.05 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VL036648.D
 Acq: 2 Apr 2021 17:06

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.6	41.4#
71	0.0	27.0	40.4#





#42

Bromodichloromethane

Concen: 0.648 ppbv

RT: 7.78 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

Instrument :

MSVOA_L

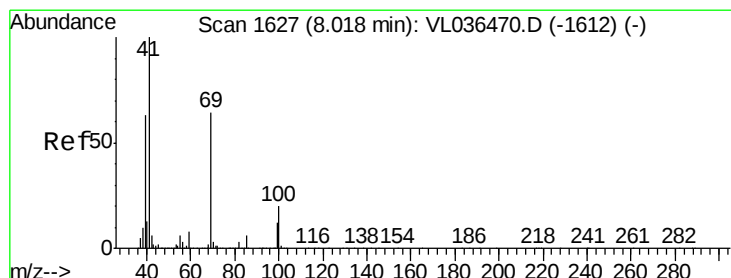
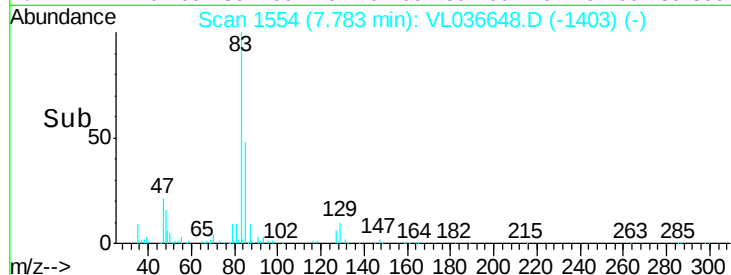
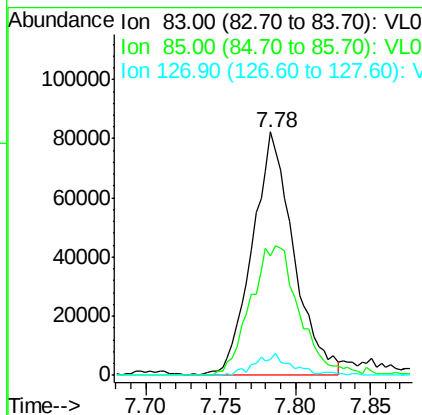
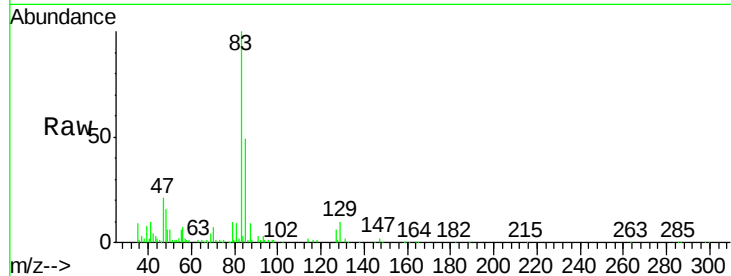
ClientSampled :

PBS-SS-4

Tot Ion:	83	Resp:	158571
Ion Ratio	Lower	Upper	
83	100		
85	49.3	51.8	77.6#
127	6.5	5.8	8.8

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#43

Methyl Methacrylate

Concen: 0.213 ppbv m

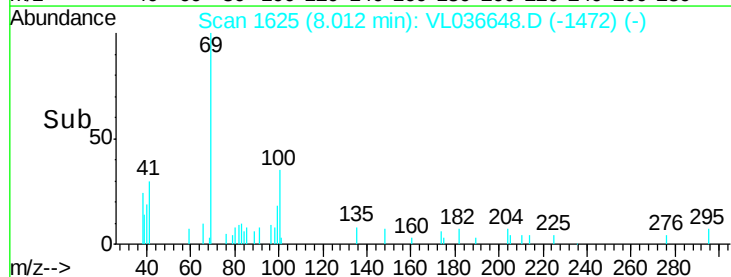
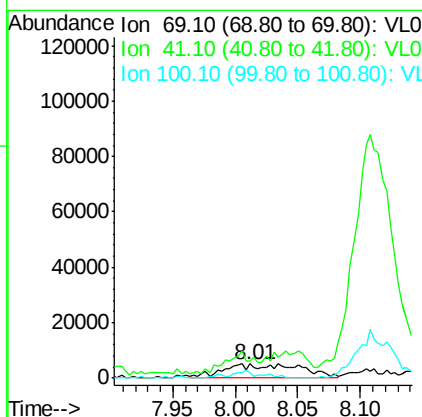
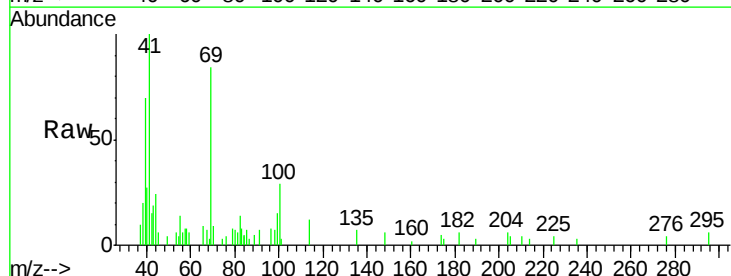
RT: 8.01 min Scan# 1625

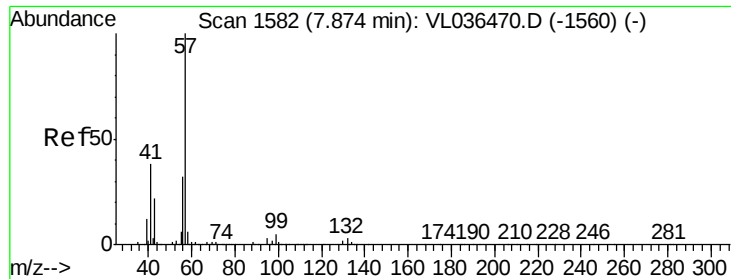
Delta R.T. -0.01 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

Tgt Ion:	69	Resp:	21860
Ion Ratio	Lower	Upper	
69	100		
41	84.4	126.8	190.2#
100	0.0	24.9	37.3#





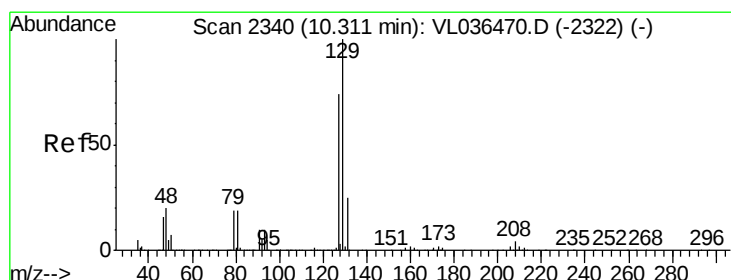
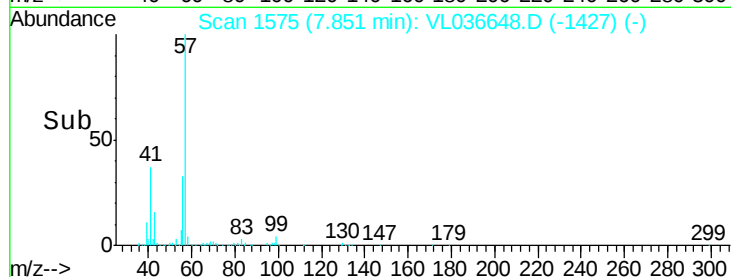
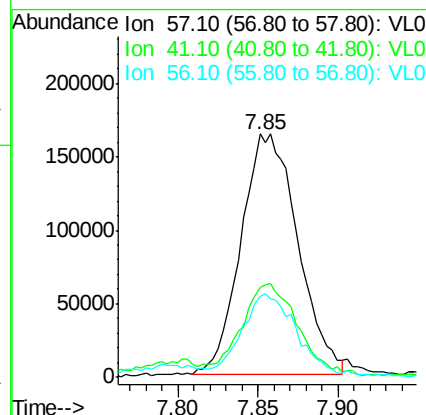
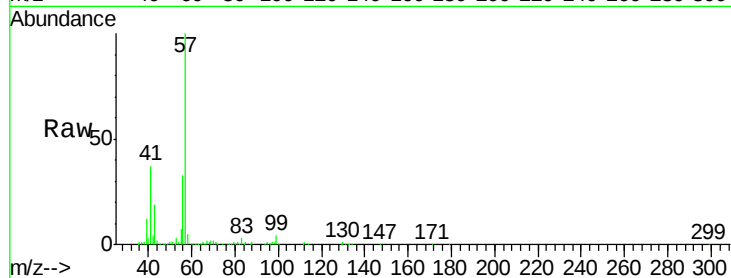
#44
2,2,4-Trimethylpentane
Concen: 0.742 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.02 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Instrument :
MSVOA_L
ClientSampleId :
PBS-SS-4

Tot Ion:	57	Resp:	398631
Ion Ratio	Lower	Upper	
57	100		
41	38.6	28.8	43.2
56	35.2	26.1	39.1

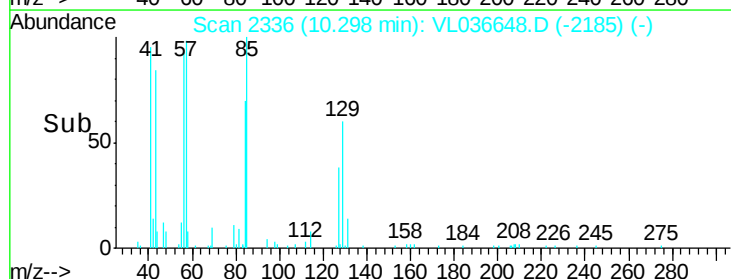
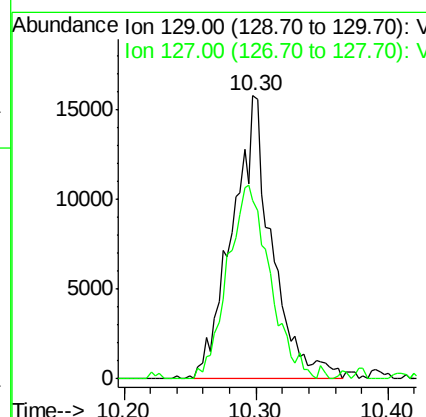
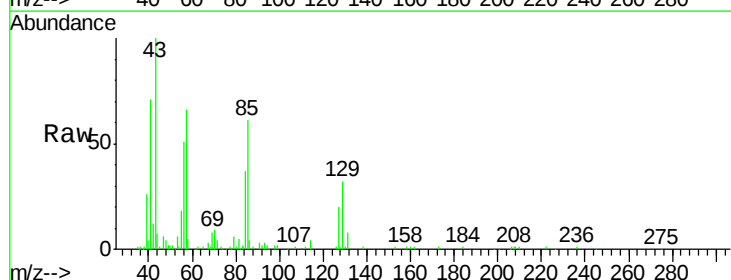
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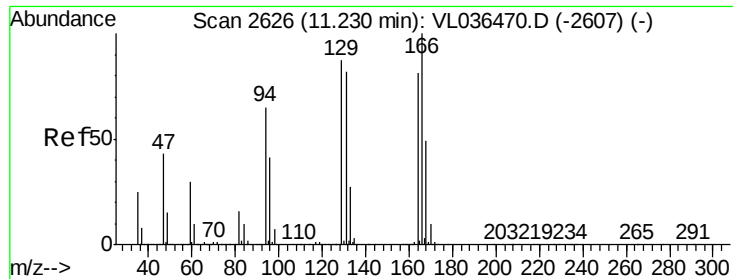
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#48
Dibromochloromethane
Concen: 0.172 ppbv m
RT: 10.30 min Scan# 2336
Delta R.T. -0.01 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Tgt Ion:	129	Resp:	32956
Ion Ratio	Lower	Upper	
129	100		
127	0.0	39.6	118.8#





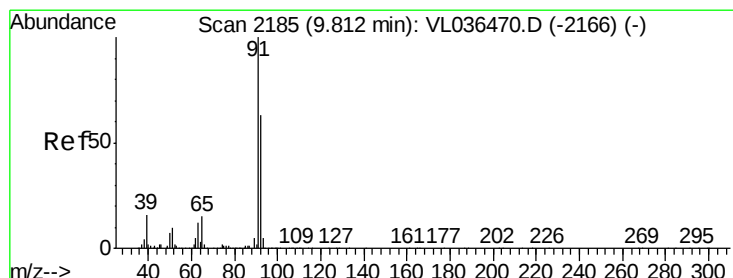
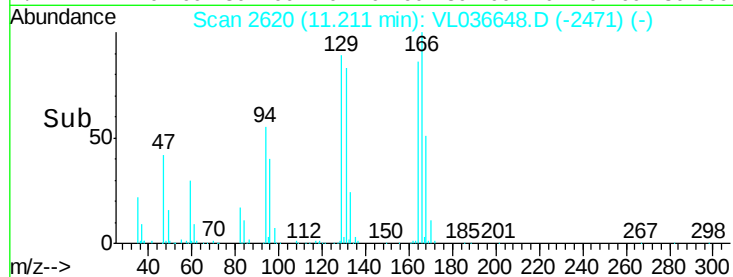
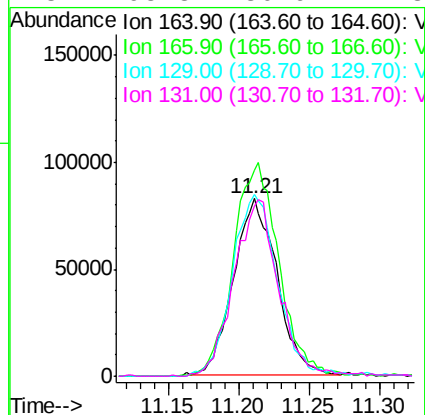
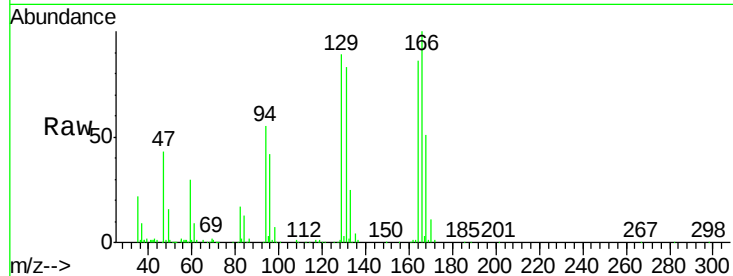
#52
Tetrachloroethene
Concen: 1.577 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.02 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Instrument :
MSVOA_L
ClientSampleId :
PBS-SS-4

Tot Ion	Ratio	Resp	Lower	Upper
164	100	177395		
166	116.0	98.3	147.5	
129	102.5	85.8	128.8	
131	95.8	80.9	121.3	

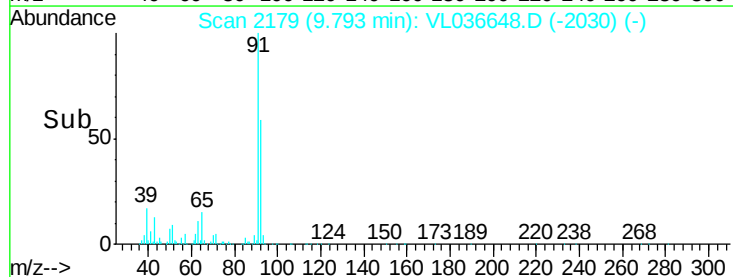
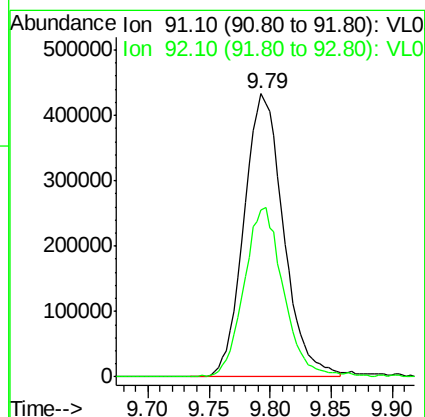
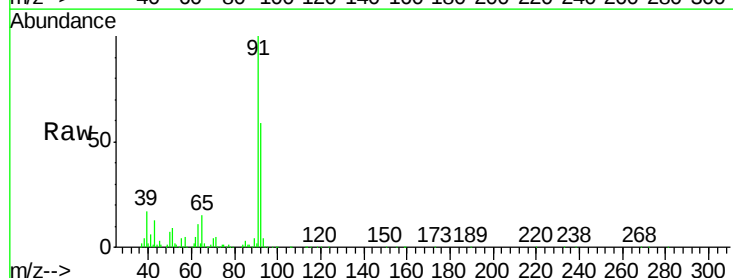
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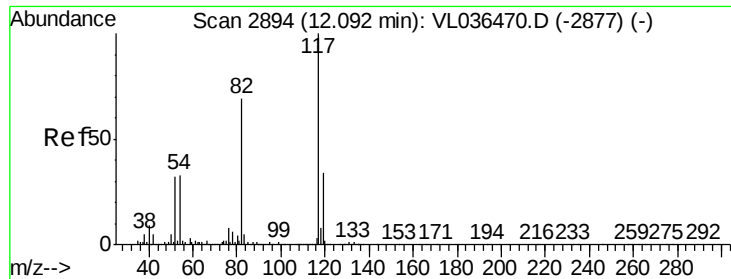
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#53
Toluene
Concen: 2.980 ppbv
RT: 9.79 min Scan# 2179
Delta R.T. -0.02 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	969407		
92	59.7	48.8	73.2	





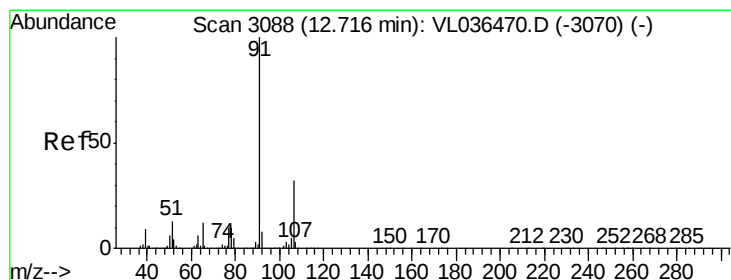
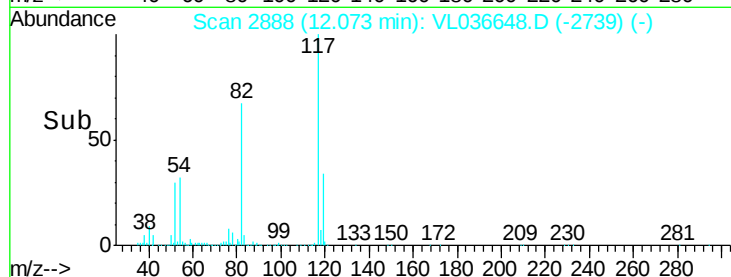
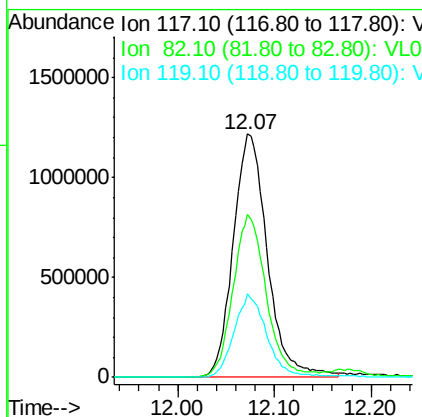
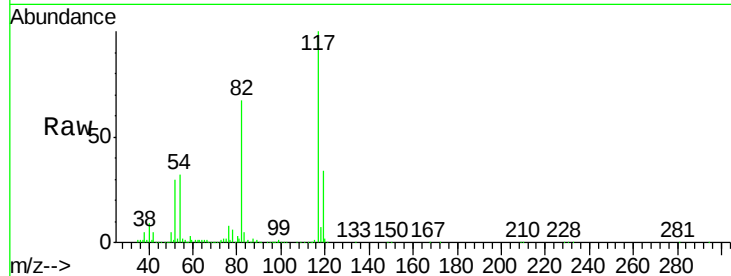
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.02 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Instrument :
MSVOA_L
ClientSampleId :
PBS-SS-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.0	57.4	86.0
119	33.2	47.4	71.0

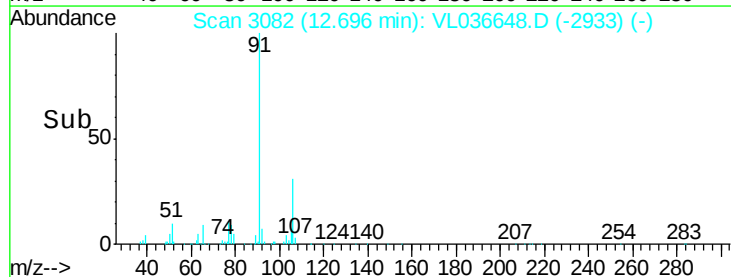
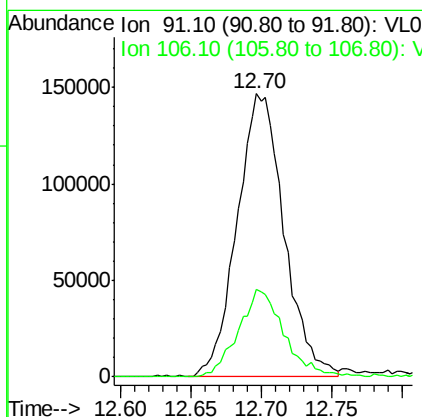
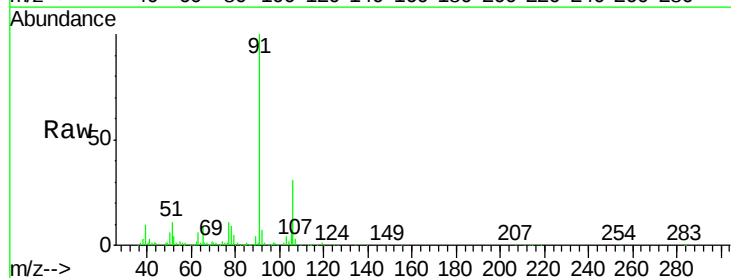
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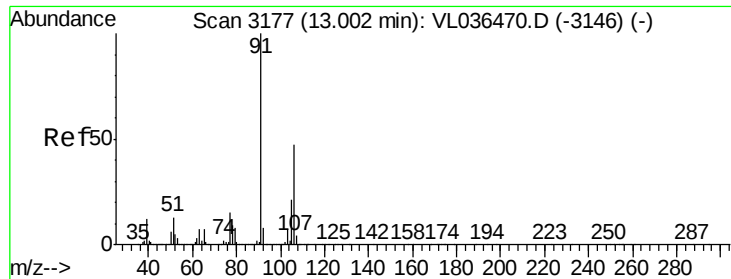
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#58
Ethyl Benzene
Concen: 0.778 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.02 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.3	37.9





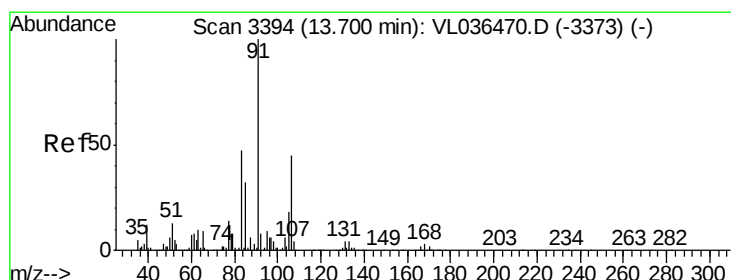
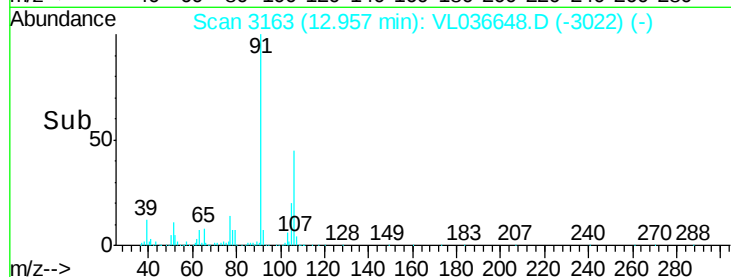
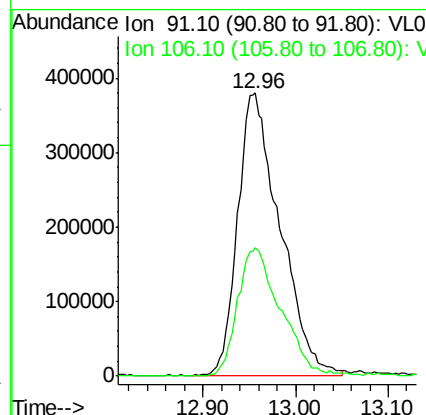
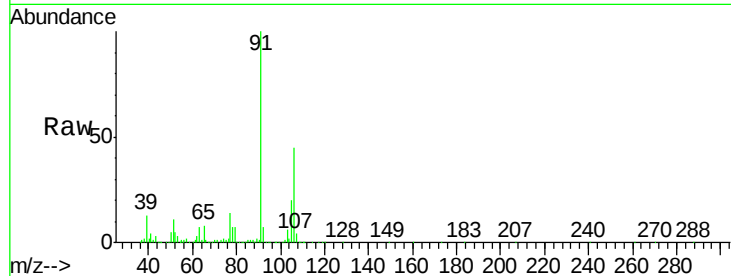
#59
m/p-Xylene
Concen: 3.162 ppbv
RT: 12.96 min Scan# 3163
Delta R.T. -0.05 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Instrument :
MSVOA_L
ClientSampleId :
PBS-SS-4

Tot Ion: 91 Resp: 1202052
Ion Ratio Lower Upper
91 100
106 46.2 35.3 52.9

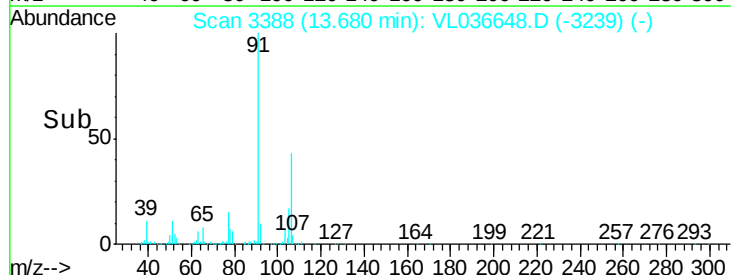
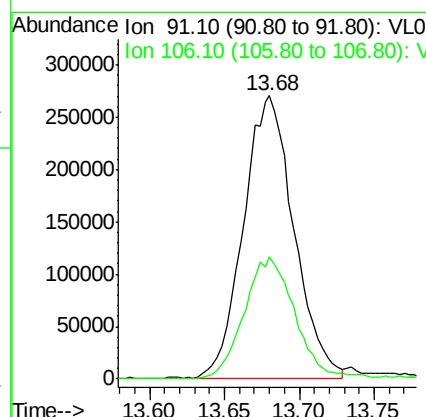
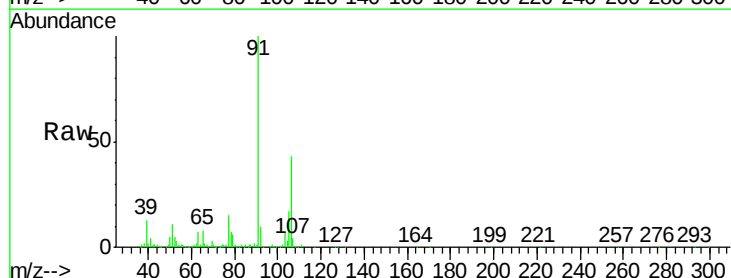
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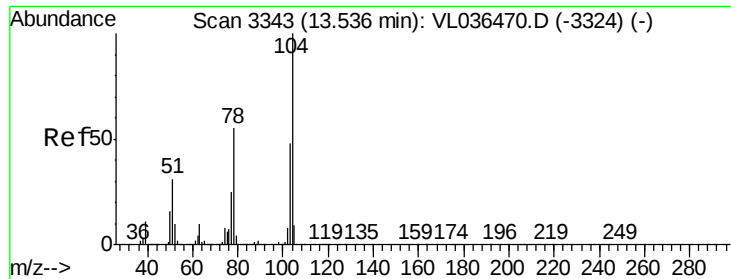
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#60
o-Xylene
Concen: 1.714 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.02 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Tgt Ion: 91 Resp: 630187
Ion Ratio Lower Upper
91 100
106 44.8 22.3 66.9





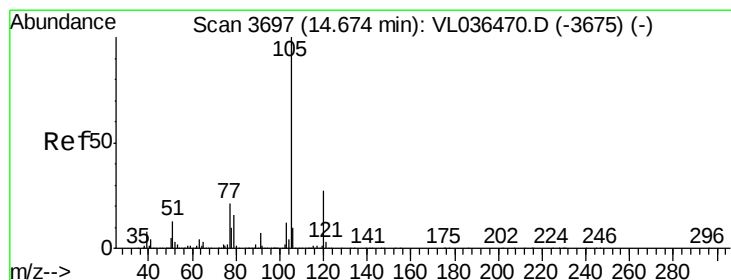
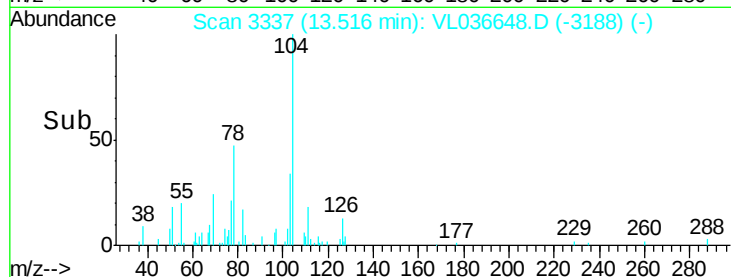
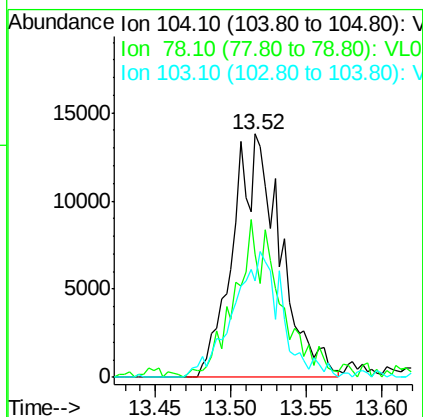
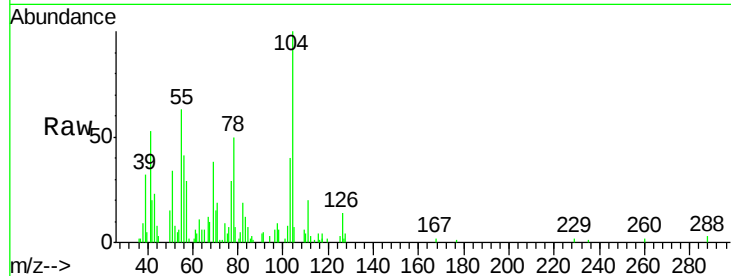
#61
Stvrene
Concen: 0.163 ppbv m
RT: 13.52 min Scan# 3337
Delta R.T. -0.02 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Instrument :
MSVOA_L
ClientSampleId :
PBS-SS-4

Tot Ion	Ratio	Lower	Upper
104	100		
78	63.6	43.8	65.8
103	54.3	38.3	57.5

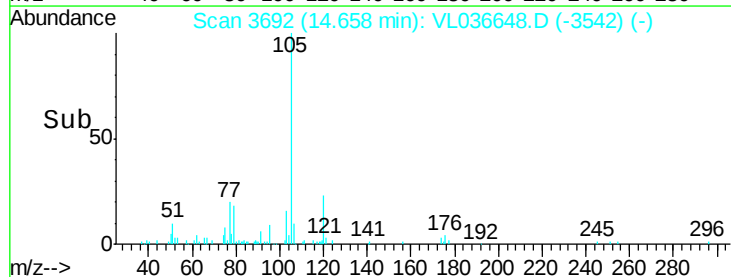
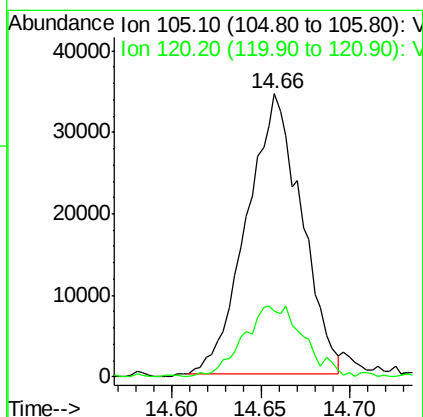
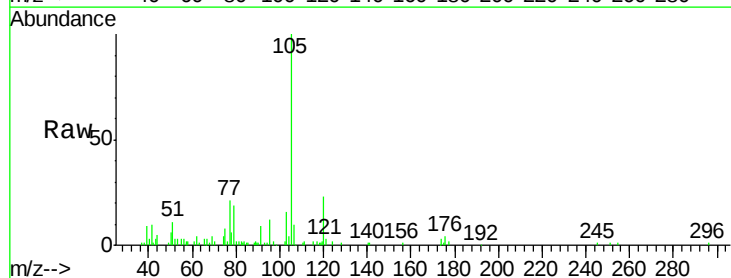
Manual Integrations
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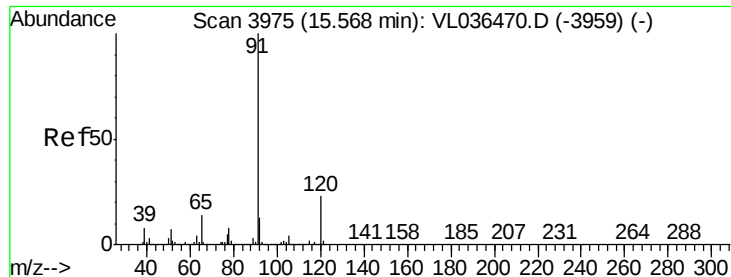
apatel
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#62
Isopropylbenzene
Concen: 0.149 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.02 min
Lab File: VL036648.D
Acq: 2 Apr 2021 17:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.5	20.6	31.0





#64

n-propylbenzene

Concen: 0.412 ppbv m

RT: 15.55 min Scan# 3970

Delta R.T. -0.02 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

Instrument :

MSVOA_L

ClientSampleId :

PBS-SS-4

Tot Ion:120 Resp: 49902

Ion Ratio Lower Upper

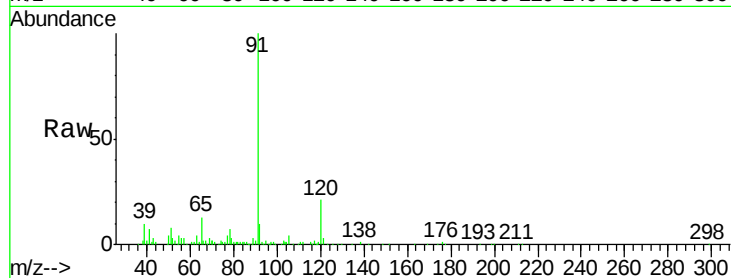
120 100

91 503.9 377.4 566.2

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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

120000

100000

80000

60000

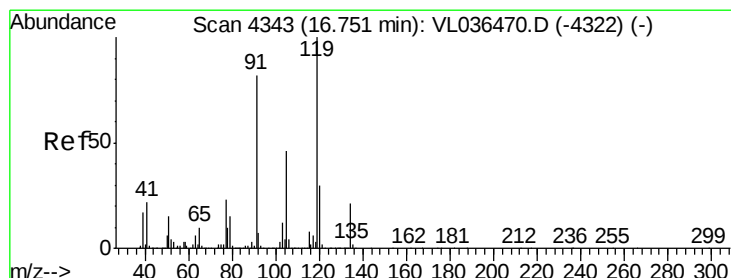
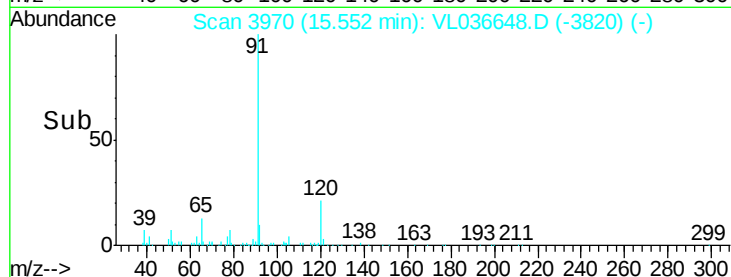
40000

20000

0

15.50 15.55 15.60

Time-->



#65

tert-Butylbenzene

Concen: 0.316 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.00 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

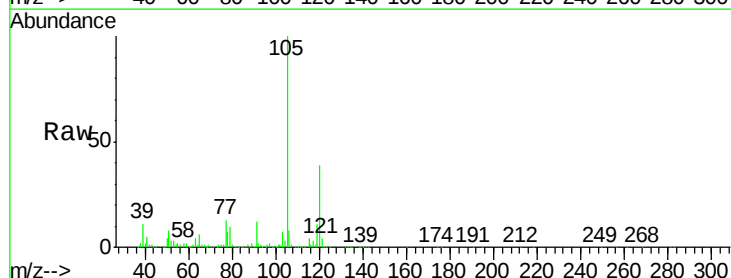
Tgt Ion:119 Resp: 135579

Ion Ratio Lower Upper

119 100

91 107.6 67.5 101.3#

134 1.0 15.8 23.8#



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

80000

60000

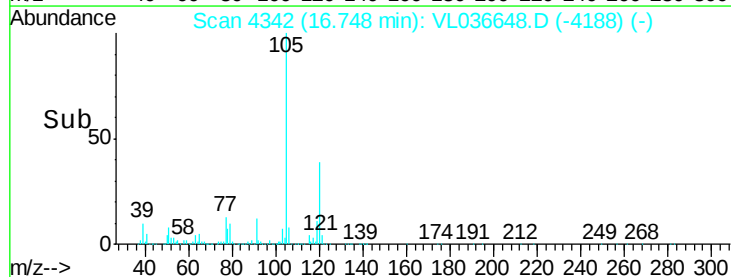
40000

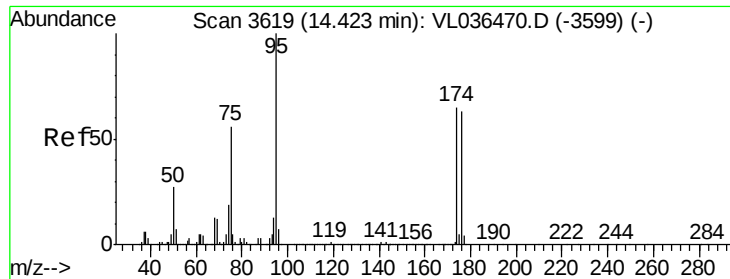
20000

0

16.65 16.70 16.75 16.80

Time-->





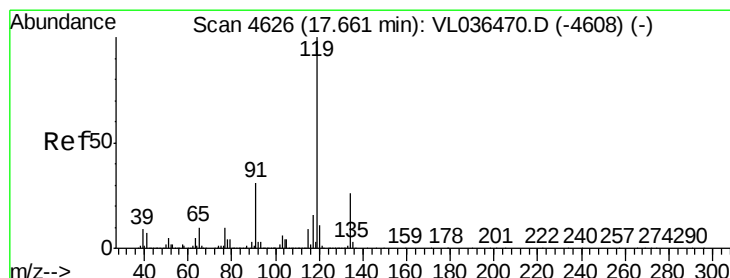
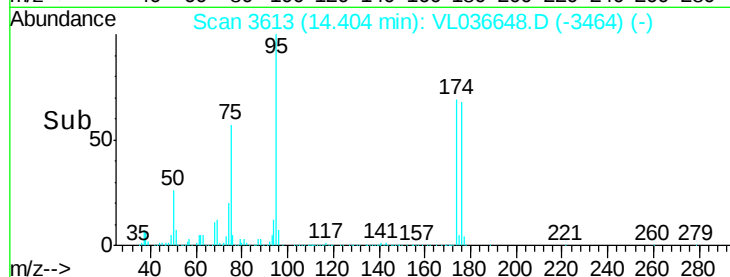
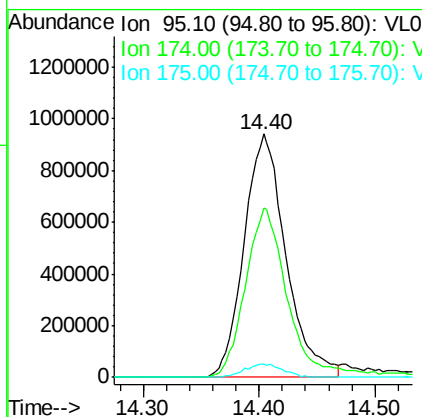
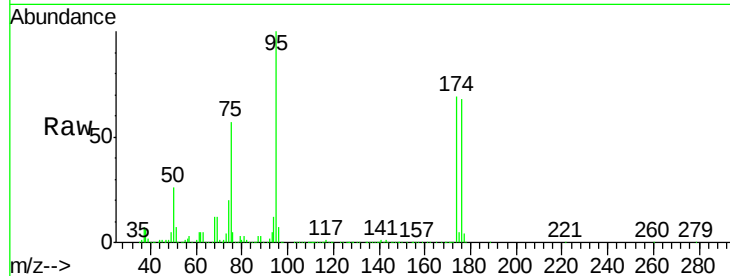
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.872 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T. -0.02 min
 Lab File: VL036648.D
 Acq: 2 Apr 2021 17:06

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-SS-4

Tot Ion: 95 Resp: 2357431
 Ion Ratio Lower Upper
 95 100
 174 72.7 51.0 76.6
 175 5.2 3.9 5.9

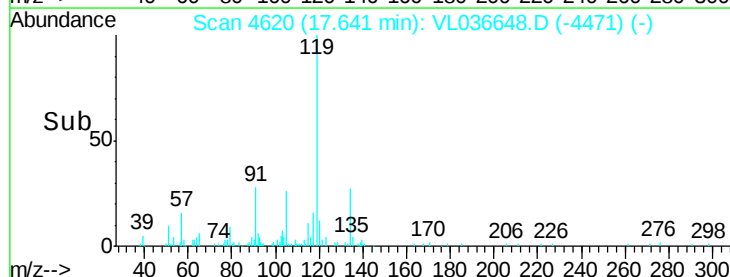
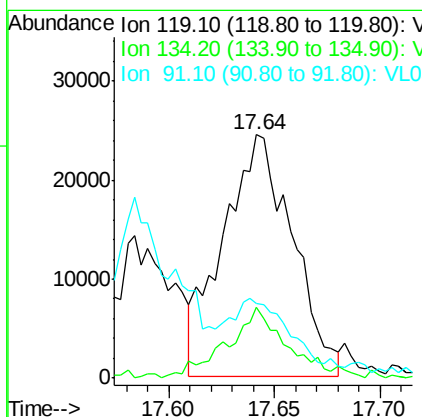
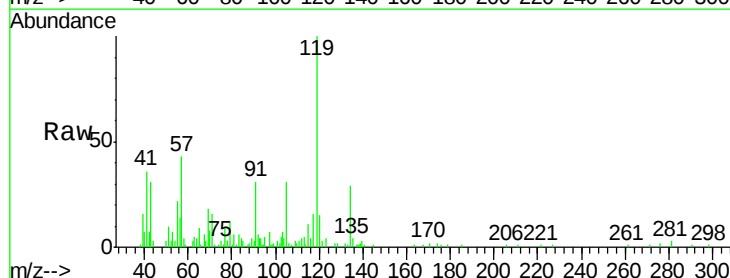
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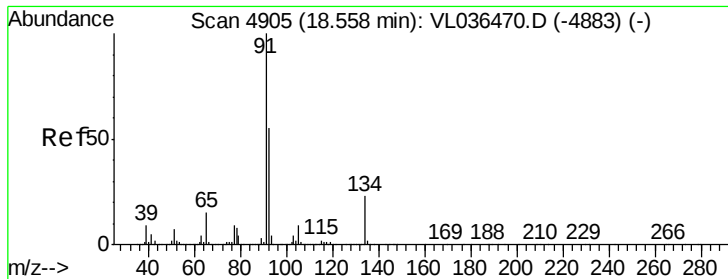
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#69
 p-Isopropyltoluene
 Concen: 0.118 ppbv
 RT: 17.64 min Scan# 4620
 Delta R.T. -0.02 min
 Lab File: VL036648.D
 Acq: 2 Apr 2021 17:06

Tgt Ion: 119 Resp: 55961
 Ion Ratio Lower Upper
 119 100
 134 25.9 20.6 30.8
 91 25.5 25.0 37.6





#70

n-Butylbenzene

Concen: 0.218 ppbv m

RT: 18.55 min Scan# 4902

Delta R.T. -0.01 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

Instrument :

MSVOA_L

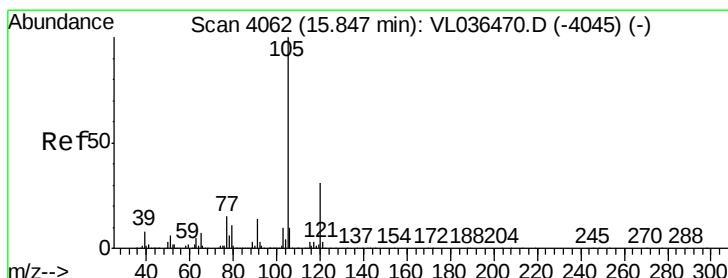
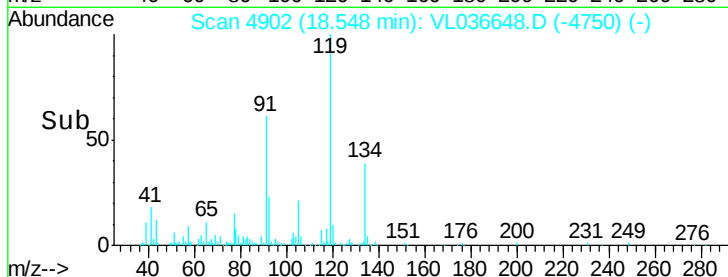
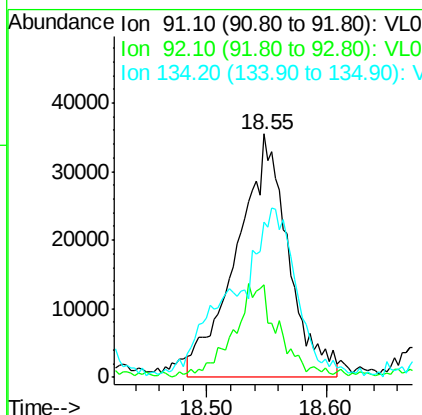
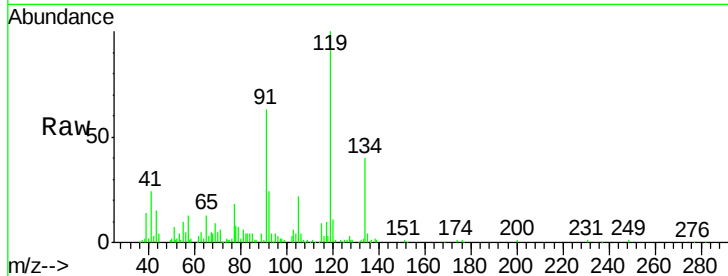
ClientSampleId :

PBS-SS-4

Tot Ion:	91	Resp:	106900
Ion Ratio	Lower	Upper	
91	100		
92	33.3	43.8	65.8#
134	0.0	18.0	27.0#

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#72

4-Ethyltoluene

Concen: 0.849 ppbv

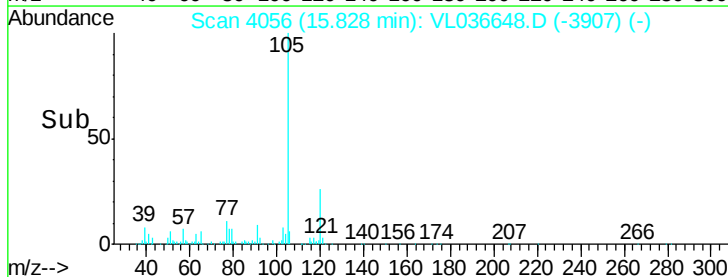
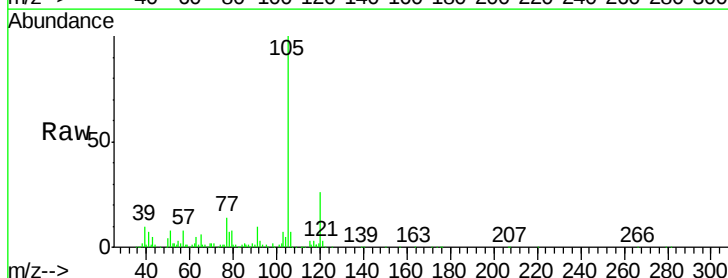
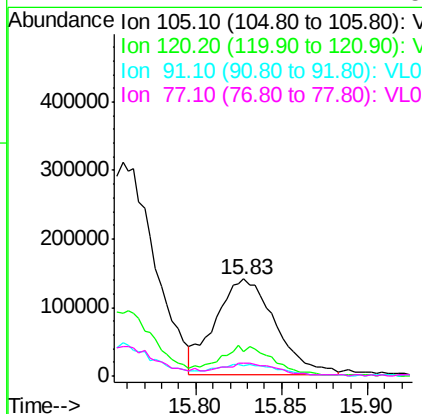
RT: 15.83 min Scan# 4056

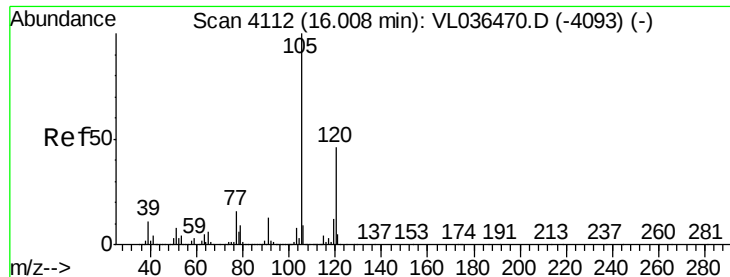
Delta R.T. -0.02 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

Tgt Ion:	105	Resp:	341856
Ion Ratio	Lower	Upper	
105	100		
120	30.6	24.0	36.0
91	12.0	11.0	16.4
77	14.7	11.7	17.5





#73

1,3,5-Trimethylbenzene

Concen: 0.983 ppbv

RT: 15.98 min Scan# 4104

Delta R.T. -0.03 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

Instrument :

MSVOA_L

ClientSampled :

PBS-SS-4

Tot Ion:105 Resp: 369531

Ion Ratio Lower Upper

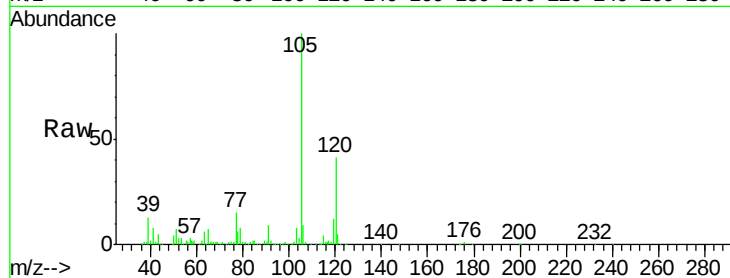
105 100

120 40.8 36.6 54.8

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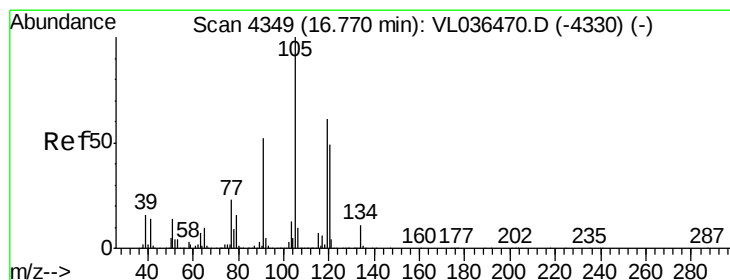
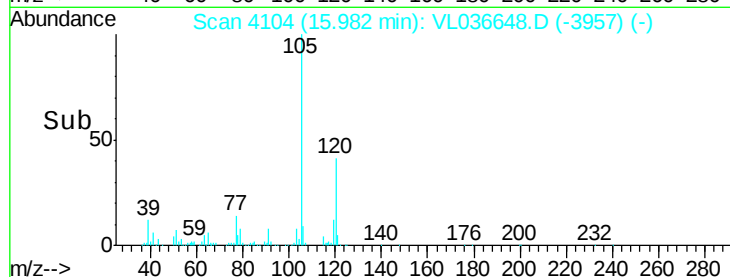
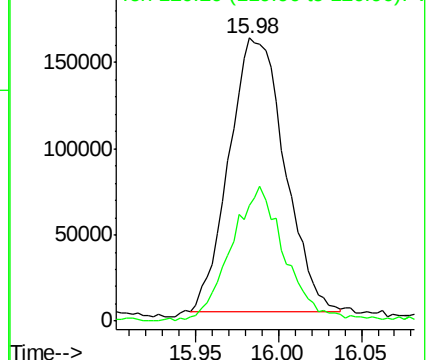
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 3.019 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.02 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

Tgt Ion:105 Resp: 1214444

Ion Ratio Lower Upper

105 100

120 39.4 39.2 58.8

91 11.9 42.6 64.0#

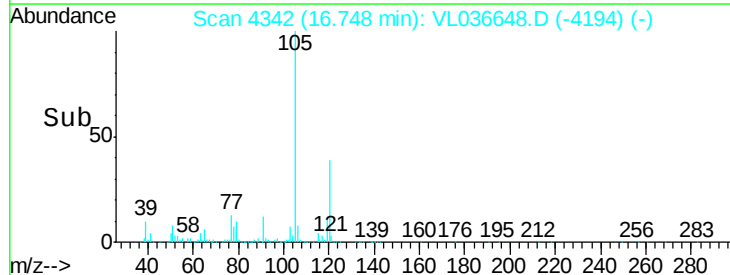
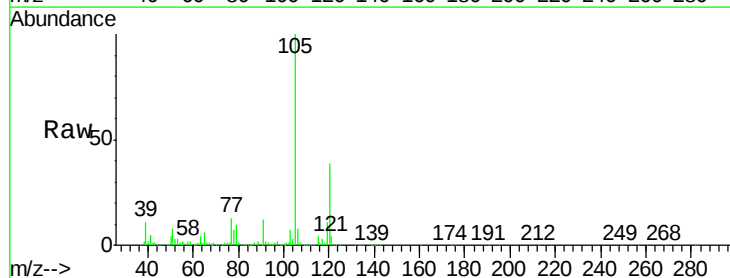
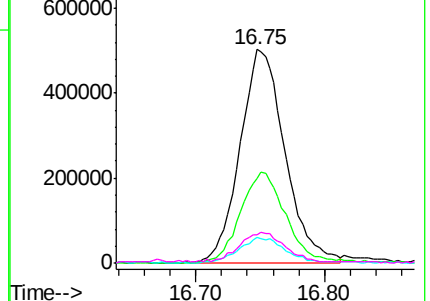
77 12.6 18.6 28.0#

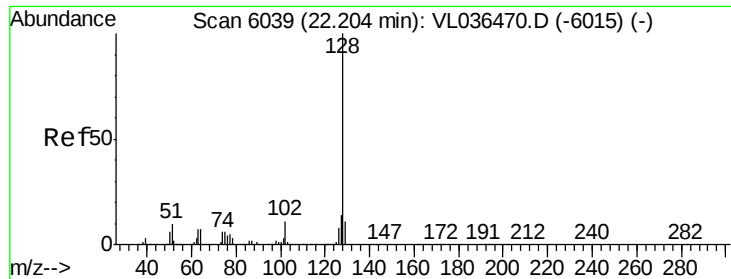
Abundance Ion 105.10 (104.80 to 105.80): V

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





#79

Naphthalene

Concen: 0.182 ppbv m

RT: 22.20 min Scan# 6038

Delta R.T. -0.00 min

Lab File: VL036648.D

Acq: 2 Apr 2021 17:06

Instrument :

MSVOA_L

ClientSampleId :

PBS-SS-4

Tot Ion:	128	Resp:	42707
Ion Ratio		Lower	Upper
128	100		
127	18.3	10.9	16.3#
129	14.8	9.0	13.4#

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