

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040221\
 Data File : VL036673.D
 Acq On : 3 Apr 2021 9:46
 Operator : SY/AP
 Sample : M1834-05 60X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV5DL

Manual Integrations
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Quant Time: Apr 04 18:42:21 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 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.639	49	1087575	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.147	114	2919092	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.056	117	2624461	10.00	ppbv	#-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.384	95	2081984	9.95	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%
Target Compounds						
						Qvalue
9) Propene	2.999	41	68935	1.06	ppbv #	82
10) Heptane	8.095	43	363904	2.21	ppbv #	28
13) Ethanol	3.600	45	21295m	2.76	ppbv	
15) Acetone	3.848	43	1958134m	18.29	ppbv	
26) Hexane	5.661	57	465095	3.94	ppbv #	44
30) Cyclohexane	7.095	84	156608m	1.64	ppbv	
34) 2-Butanone	5.218	43	1421850	9.98	ppbv	96
36) Benzene	6.861	78	281143	1.04	ppbv #	94
44) 2,2,4-Trimethylpentane	7.841	57	7920478	16.72	ppbv	97
53) Toluene	9.777	91	215800	0.75	ppbv	98
58) Ethyl Benzene	12.683	91	263057	0.69	ppbv	93
59) m/p-Xylene	12.934	91	306972m	0.92	ppbv	
60) o-Xylene	13.664	91	63858	0.20	ppbv	95

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

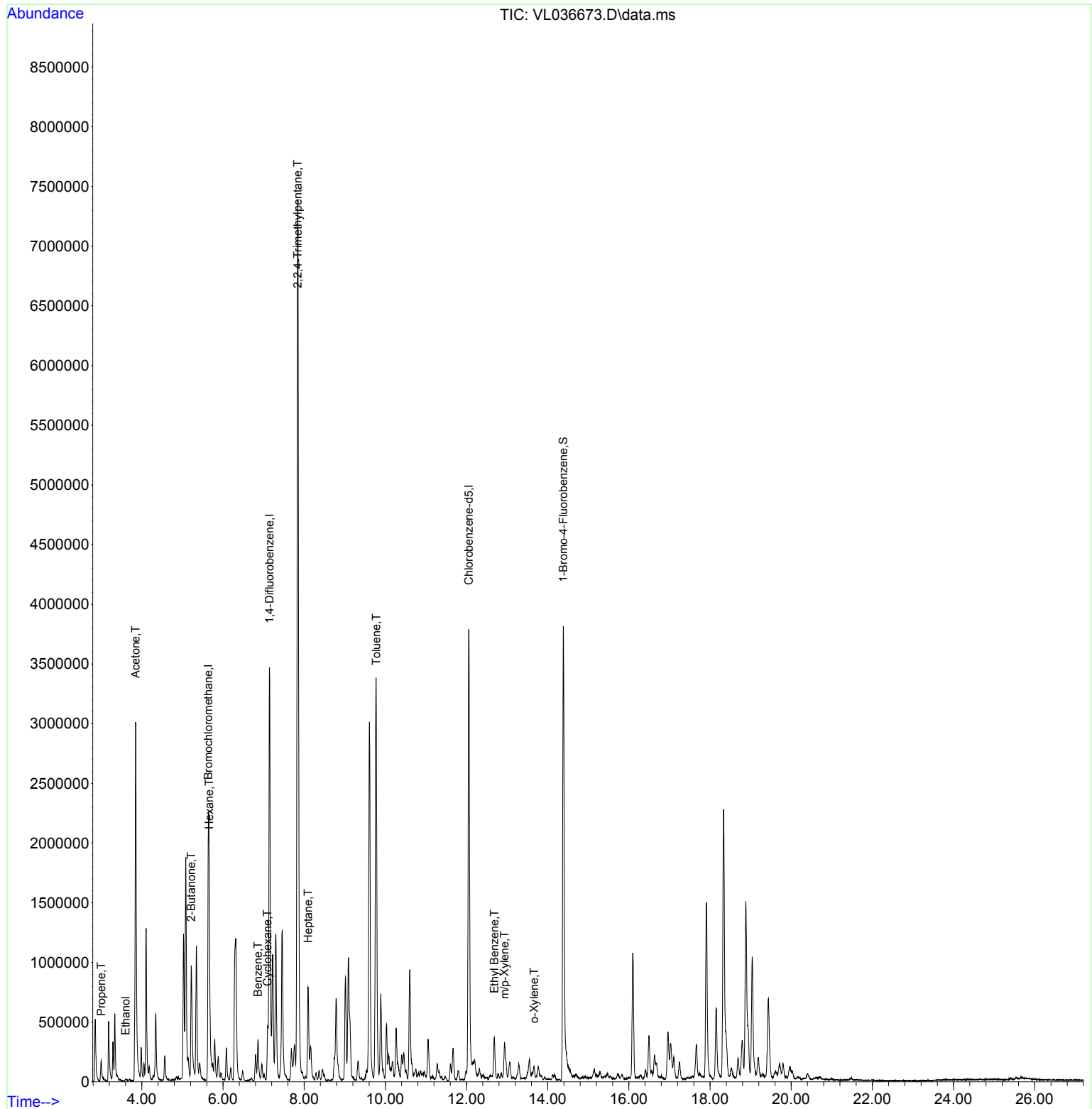
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040221\
Data File : VL036673.D
Acq On : 3 Apr 2021 9:46
Operator : SY/AP
Sample : M1834-05 60X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

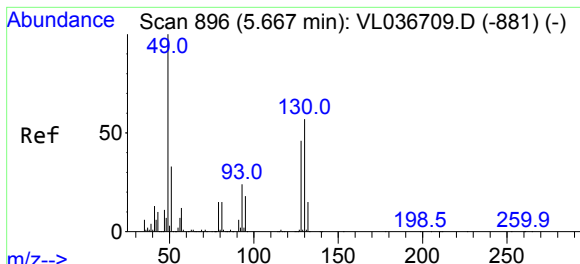
Instrument :
MSVOA_L
ClientSampleId :
SV5DL

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Quant Time: Apr 04 18:42:21 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 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





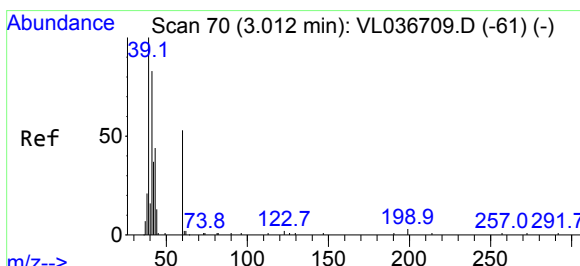
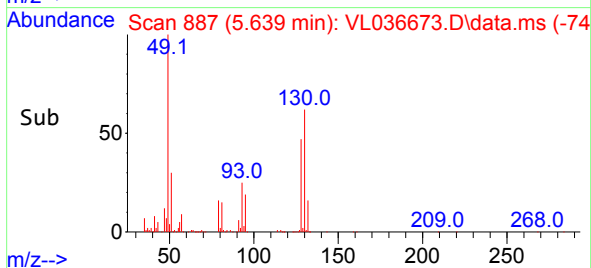
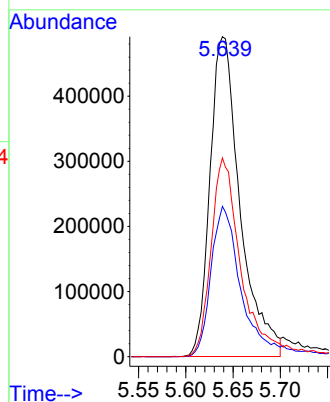
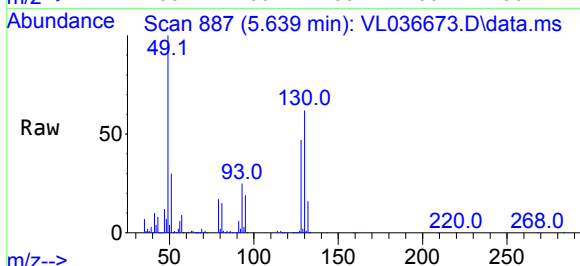
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.639 min Scan# 887
Delta R.T. -0.032 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46

Instrument :
MSVOA_L
ClientSampled :
SV5DL

Tgt Ion: 49 Resp: 1087575
Ion Ratio Lower Upper
49 100
128 49.6 23.5 70.6
130 64.7 29.1 87.4

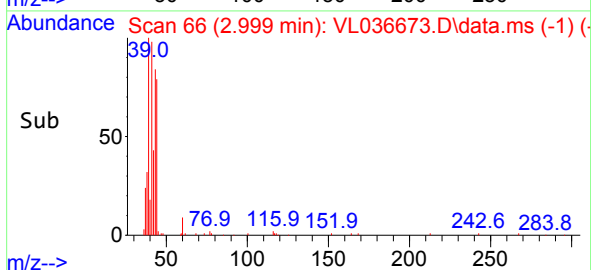
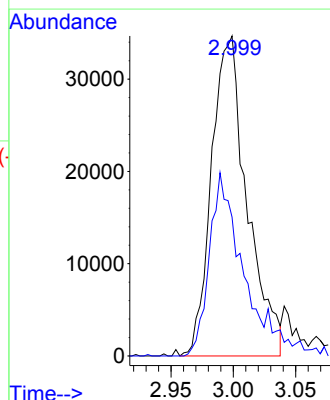
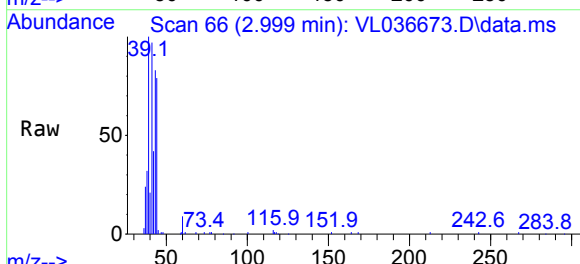
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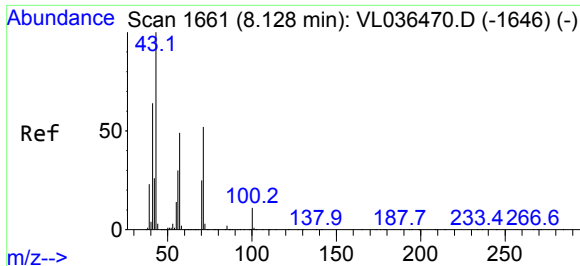
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#9
Propene
Concen: 1.06 ppbv
RT: 2.999 min Scan# 66
Delta R.T. -0.010 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46

Tgt Ion: 41 Resp: 68935
Ion Ratio Lower Upper
41 100
42 56.6 57.0 85.4#





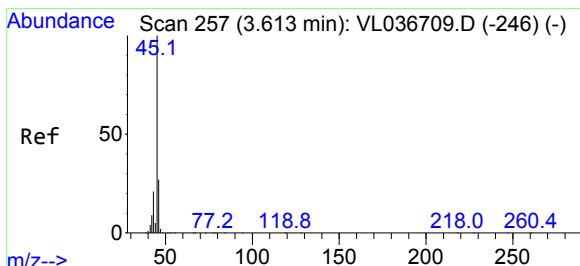
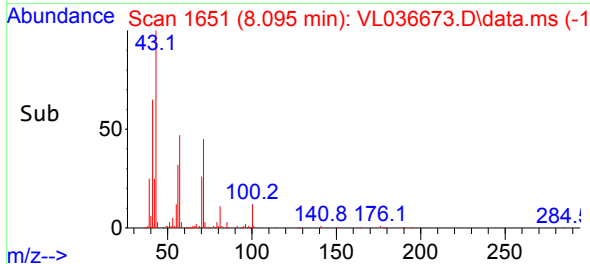
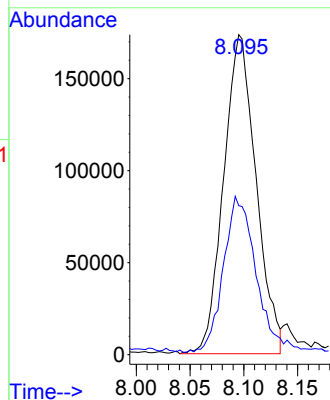
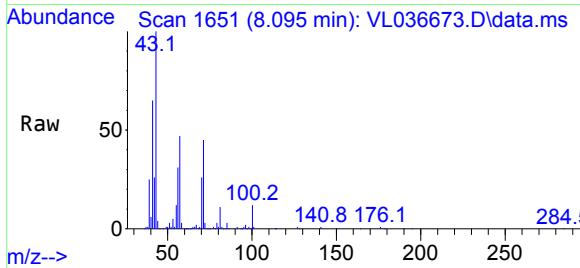
#10
Heptane
Concen: 2.21 ppbv
RT: 8.095 min Scan# 1651
Delta R.T. -0.032 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46

Tgt Ion: 43 Resp: 363904
Ion Ratio Lower Upper
43 100
57 0.0 39.0 58.6#

Instrument :
MSVOA_L
ClientSampleId :
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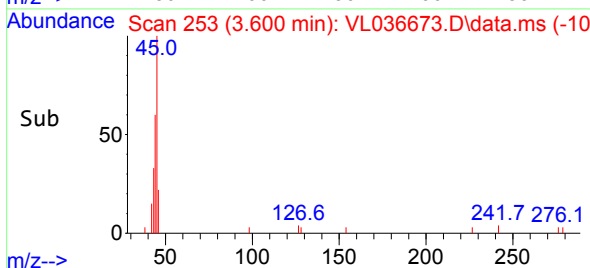
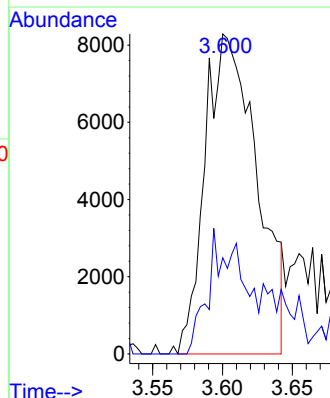
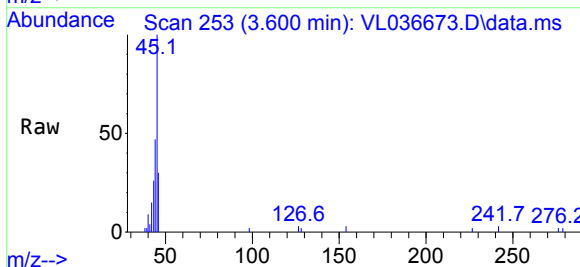
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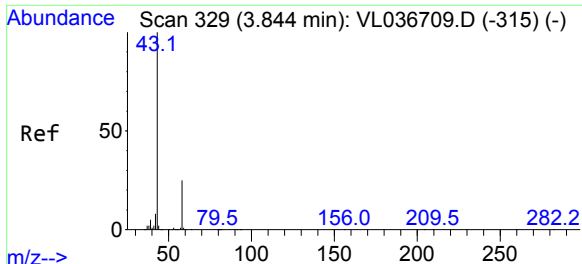
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#13
Ethanol
Concen: 2.76 ppbv m
RT: 3.600 min Scan# 253
Delta R.T. -0.007 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46

Tgt Ion: 45 Resp: 21295
Ion Ratio Lower Upper
45 100
46 45.2 16.6 66.2





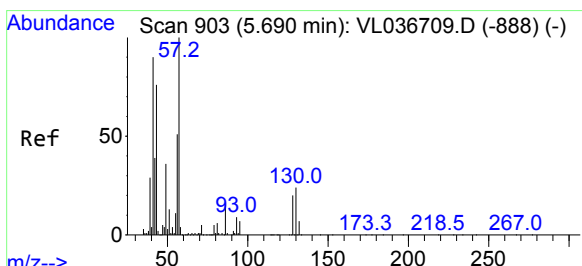
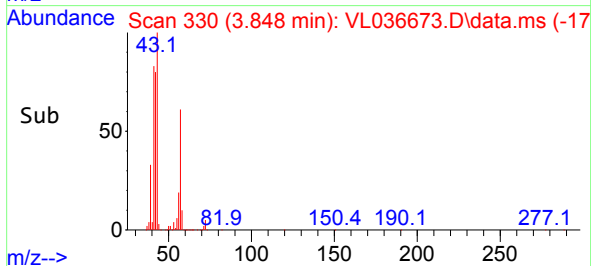
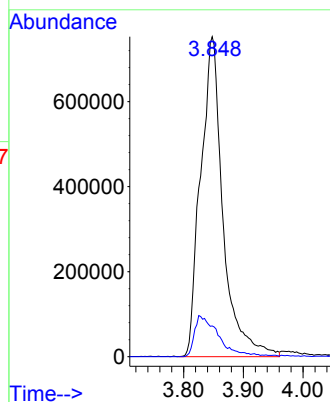
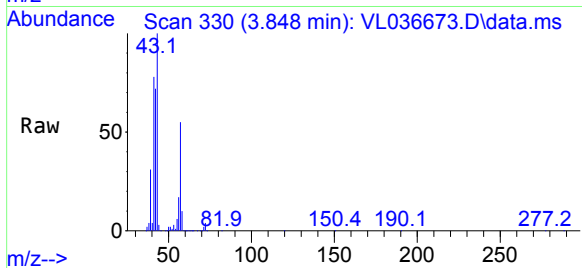
#15
Acetone
Concen: 18.29 ppbv m
RT: 3.848 min Scan# 330
Delta R.T. -0.003 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46

Instrument :
MSVOA_L
ClientSampled :
SV5DL

Tgt Ion: 43 Resp: 1958134
Ion Ratio Lower Upper
43 100
58 14.4 21.2 31.8#

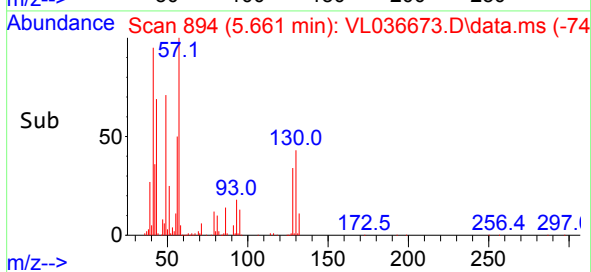
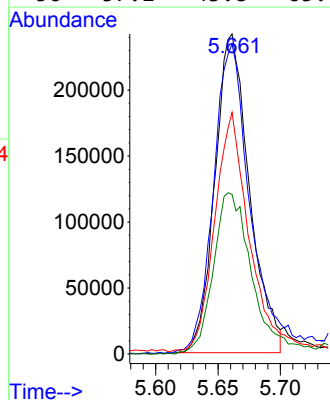
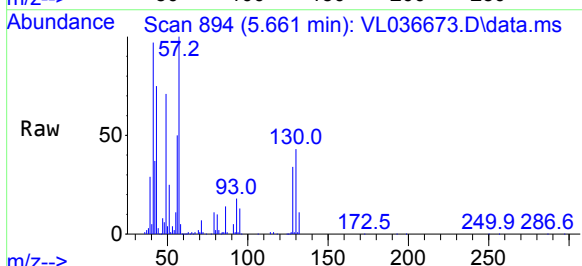
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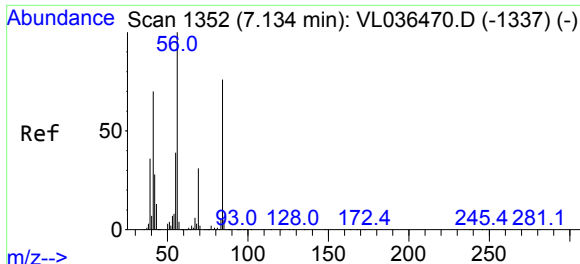
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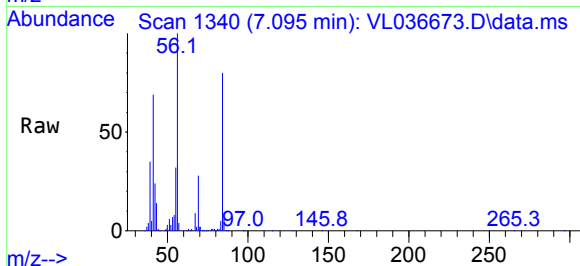
#26
Hexane
Concen: 3.94 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.026 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46

Tgt Ion: 57 Resp: 465095
Ion Ratio Lower Upper
57 100
41 110.6 77.2 115.8
43 77.2 173.8 260.6#
56 57.1 43.8 65.6

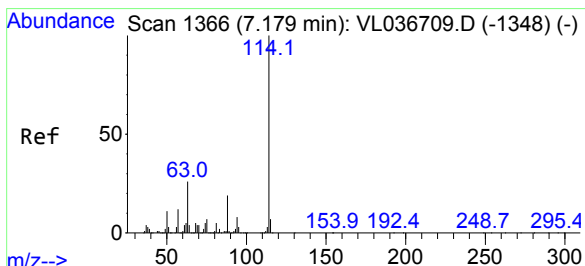
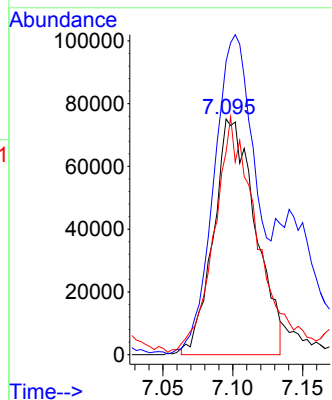
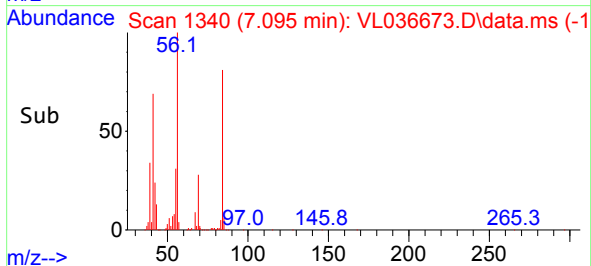




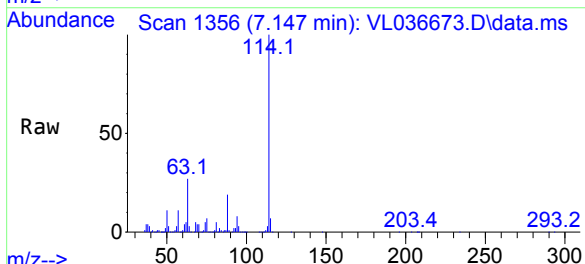
#30
Cyclohexane
Concen: 1.64 ppbv m
RT: 7.095 min Scan# 1340
Delta R.T. -0.039 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46



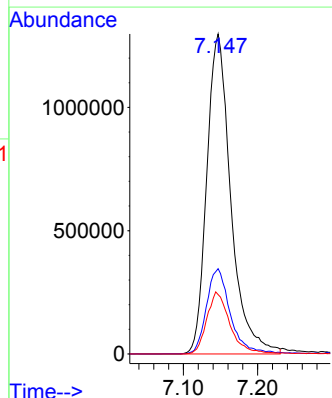
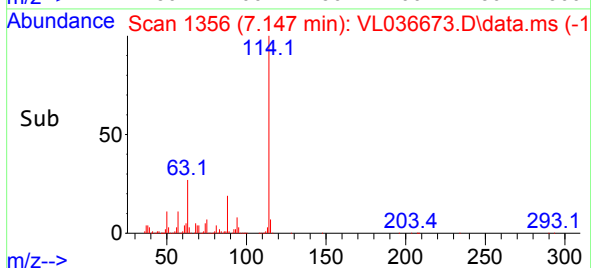
Tgt Ion: 84 Resp: 156608
Ion Ratio Lower Upper
84 100
56 191.4 114.6 171.8#
41 98.9 75.3 112.9



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.147 min Scan# 1356
Delta R.T. -0.032 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46



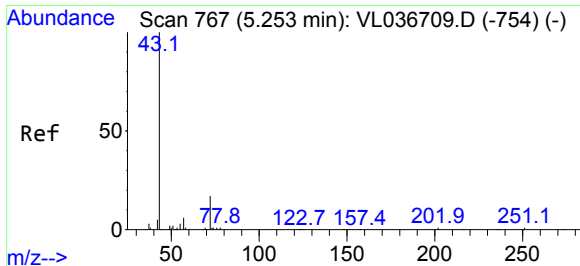
Tgt Ion: 114 Resp: 2919092
Ion Ratio Lower Upper
114 100
63 26.8 22.4 33.6
88 19.2 15.4 23.0



Instrument :
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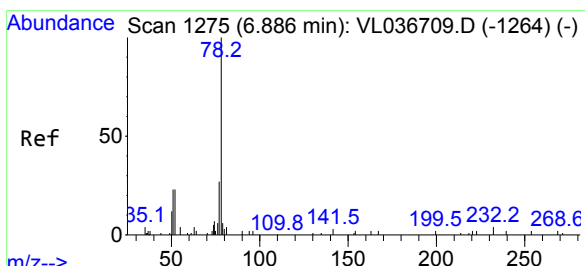
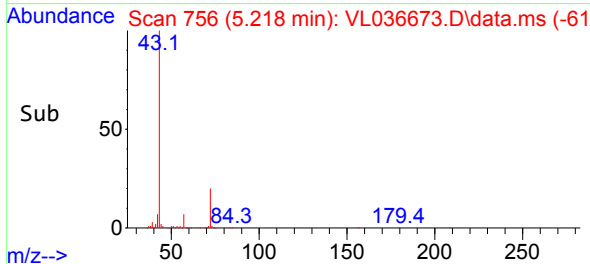
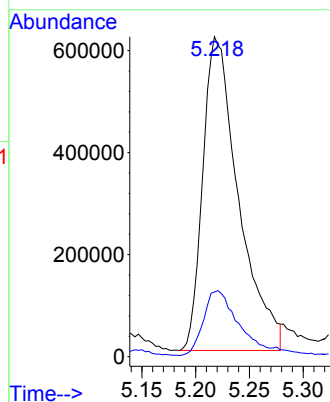
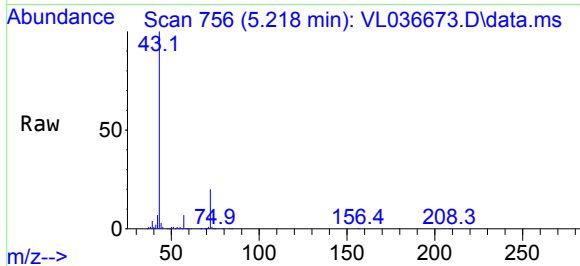
#34
2-Butanone
Concen: 9.98 ppbv
RT: 5.218 min Scan# 756
Delta R.T. -0.032 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46

Instrument :
MSVOA_L
ClientSampleID :
SV5DL

Tgt Ion: 43 Resp: 1421850
Ion Ratio Lower Upper
43 100
72 23.0 17.0 25.6

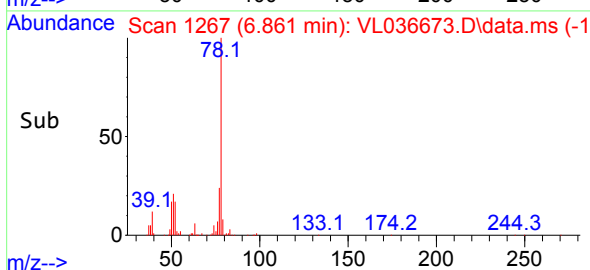
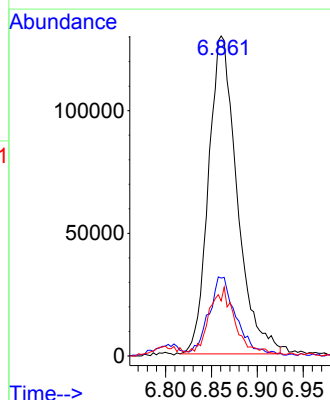
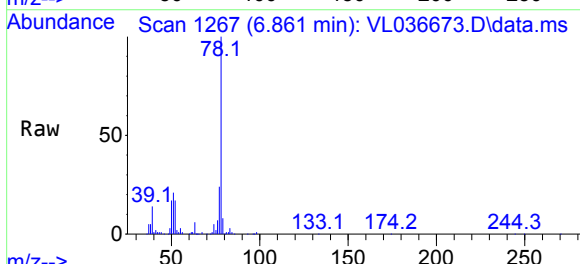
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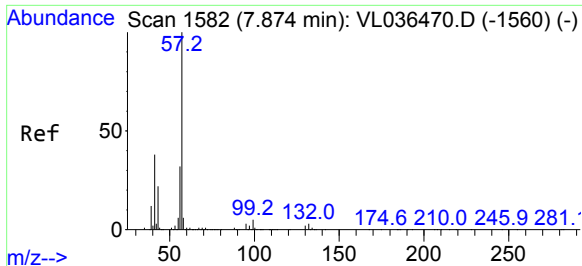
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#36
Benzene
Concen: 1.04 ppbv
RT: 6.861 min Scan# 1267
Delta R.T. -0.036 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46

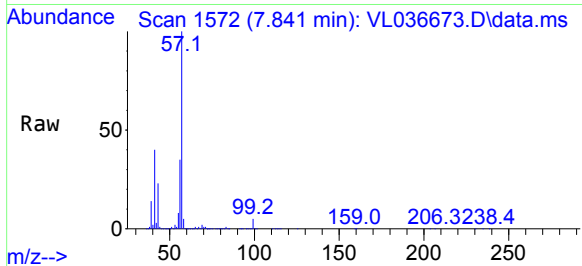
Tgt Ion: 78 Resp: 281143
Ion Ratio Lower Upper
78 100
77 23.6 18.0 27.0
50 16.3 16.5 24.7#





#44
2,2,4-Trimethylpentane
Concen: 16.72 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.032 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46

Instrument :
MSVOA_L
ClientSampled :
SV5DL

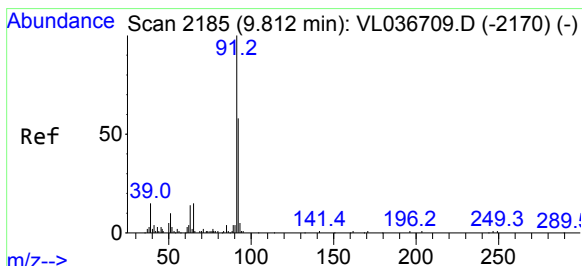
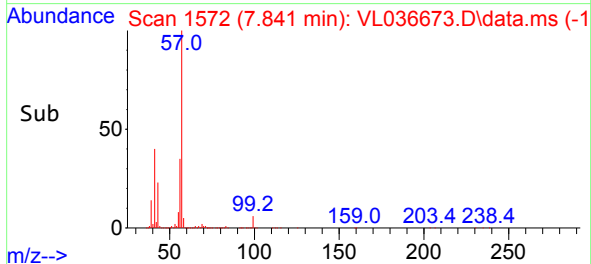
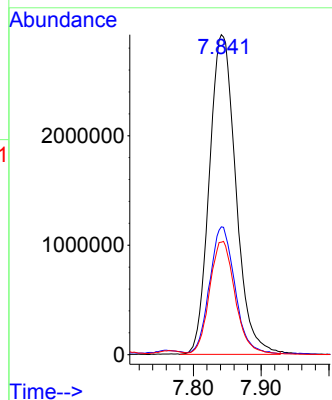


Tgt Ion: 57 Resp: 7920478

Ion	Ratio	Lower	Upper
57	100		
41	37.6	28.8	43.2
56	34.6	26.1	39.1

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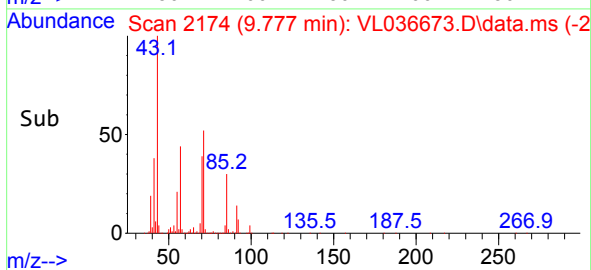
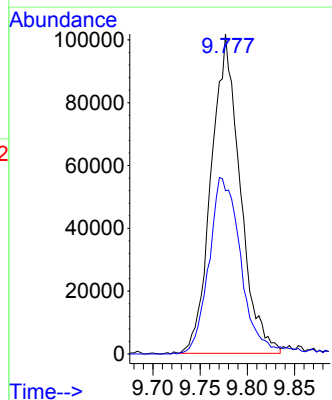
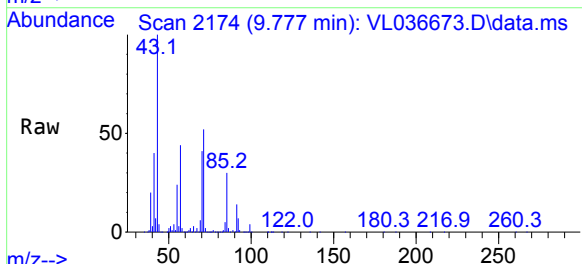
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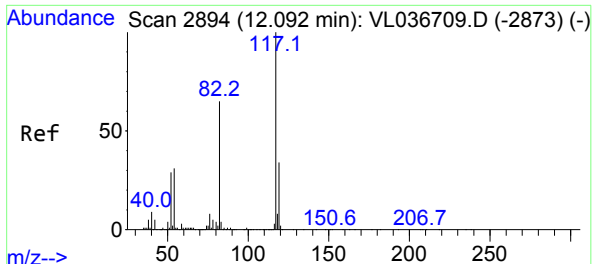


#53
Toluene
Concen: 0.75 ppbv
RT: 9.777 min Scan# 2174
Delta R.T. -0.036 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46

Tgt Ion: 91 Resp: 215800

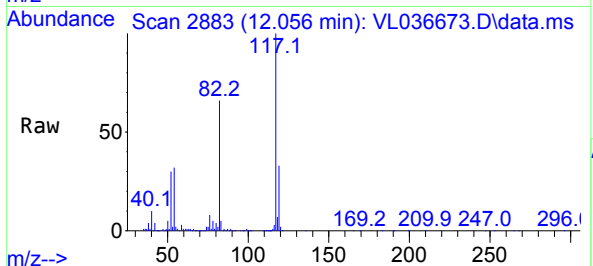
Ion	Ratio	Lower	Upper
91	100		
92	62.7	48.8	73.2





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.056 min Scan# 2883
Delta R.T. -0.036 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46

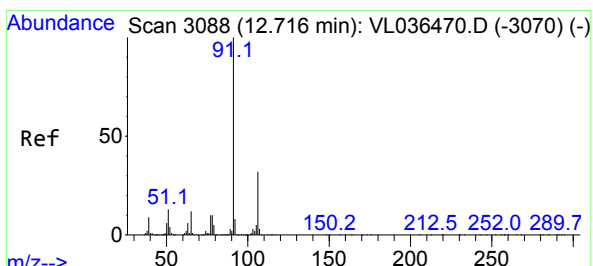
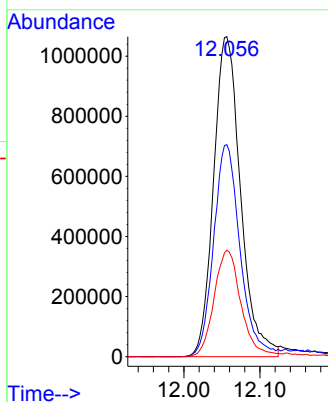
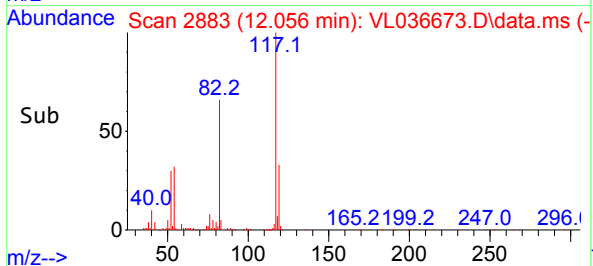
Instrument :
MSVOA_L
ClientSampleId :
SV5DL



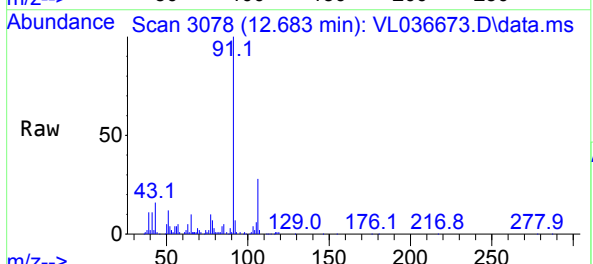
Tgt Ion: 117 Resp: 2624461
Ion Ratio Lower Upper
117 100
82 66.1 57.4 86.0
119 33.9 47.4 71.0#

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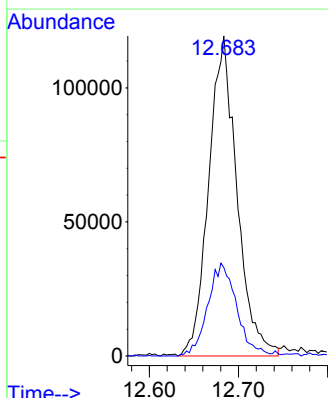
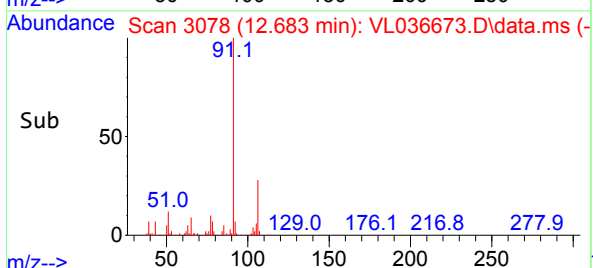
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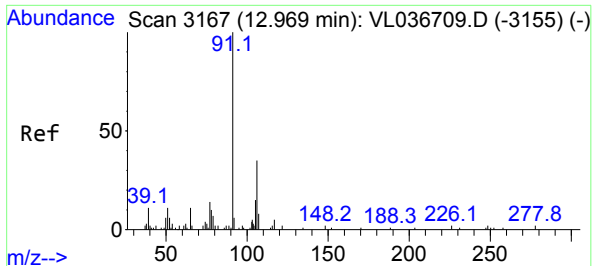


#58
Ethyl Benzene
Concen: 0.69 ppbv
RT: 12.683 min Scan# 3078
Delta R.T. -0.032 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46



Tgt Ion: 91 Resp: 263057
Ion Ratio Lower Upper
91 100
106 27.7 25.3 37.9





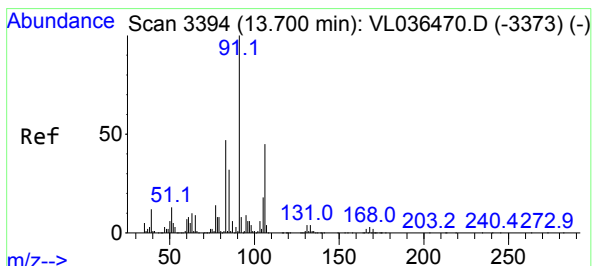
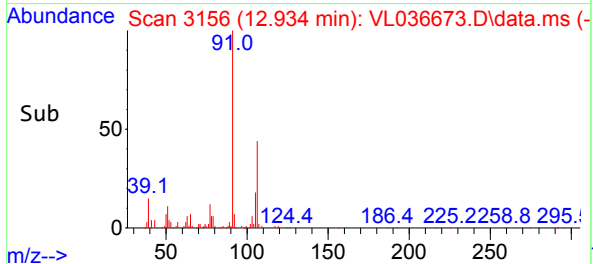
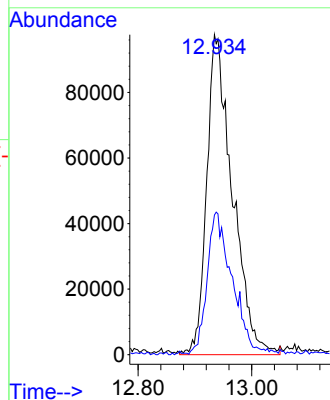
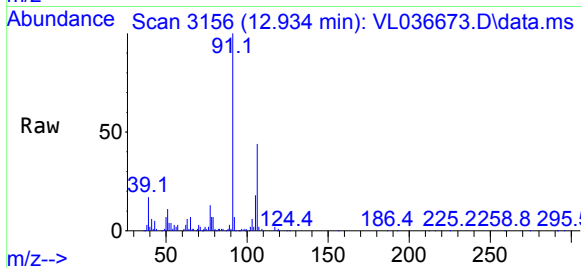
#59
m/p-Xylene
Concen: 0.92 ppbv m
RT: 12.934 min Scan# 3156
Delta R.T. -0.068 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46

Tgt Ion: 91 Resp: 306972
Ion Ratio Lower Upper
91 100
106 0.0 35.3 52.9#

Instrument :
MSVOA_L
ClientSampled :
SV5DL

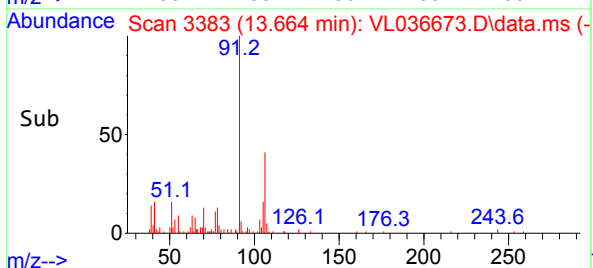
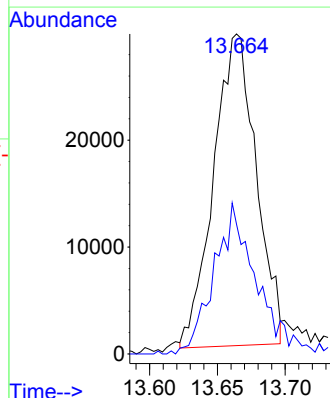
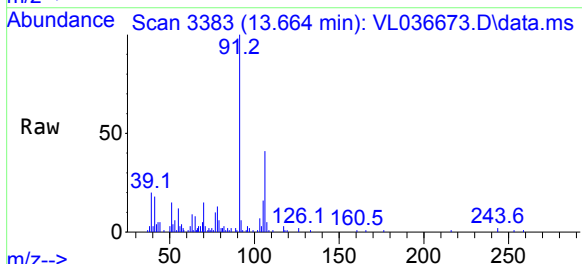
Manual Integrations
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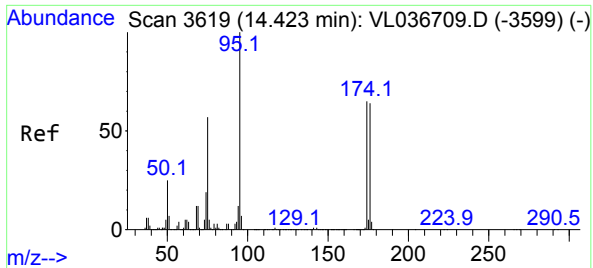
apatel
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#60
o-Xylene
Concen: 0.20 ppbv
RT: 13.664 min Scan# 3383
Delta R.T. -0.036 min
Lab File: VL036673.D
Acq: 3 Apr 2021 9:46

Tgt Ion: 91 Resp: 63858
Ion Ratio Lower Upper
91 100
106 48.1 22.3 66.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.95 ppbv
 RT: 14.384 min Scan# 3607
 Delta R.T. -0.039 min
 Lab File: VL036673.D
 Acq: 3 Apr 2021 9:46

Tgt Ion: 95 Resp: 2081984

Ion	Ratio	Lower	Upper
95	100		
174	72.0	51.0	76.6
175	5.5	3.9	5.9

Instrument :
 MSVOA_L
 ClientSampleId :
 SV5DL

Manual Integrations
 APPROVED

apatel
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