

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072920\
 Data File : VL035251.D
 Acq On : 29 Jul 2020 18:09
 Operator : SY/AP
 Sample : L3474-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SINKDL

Manual Integrations
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Quant Time: Jul 30 04:35:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1386803	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3183201	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2904910	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2381179	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	18301m	0.342	ppbv	
13) Ethanol	3.58	45	2331578	107.056	ppbv	95
15) Acetone	3.82	43	12358546	66.810	ppbv #	68
19) Isopropyl Alcohol	3.96	45	15622661	128.055	ppbv #	97
20) Methylene Chloride	4.33	84	415951	4.940	ppbv	99
26) Hexane	5.68	57	2203108	16.906	ppbv #	42
28) Methyl tert-Butyl Ether	5.02	73	352745	1.893	ppbv	99
29) Chloroform	5.75	83	747241	3.419	ppbv	99
53) Toluene	9.83	91	56885	0.242	ppbv	94
59) m/p-Xylene	13.01	91	68461m	0.239	ppbv	

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

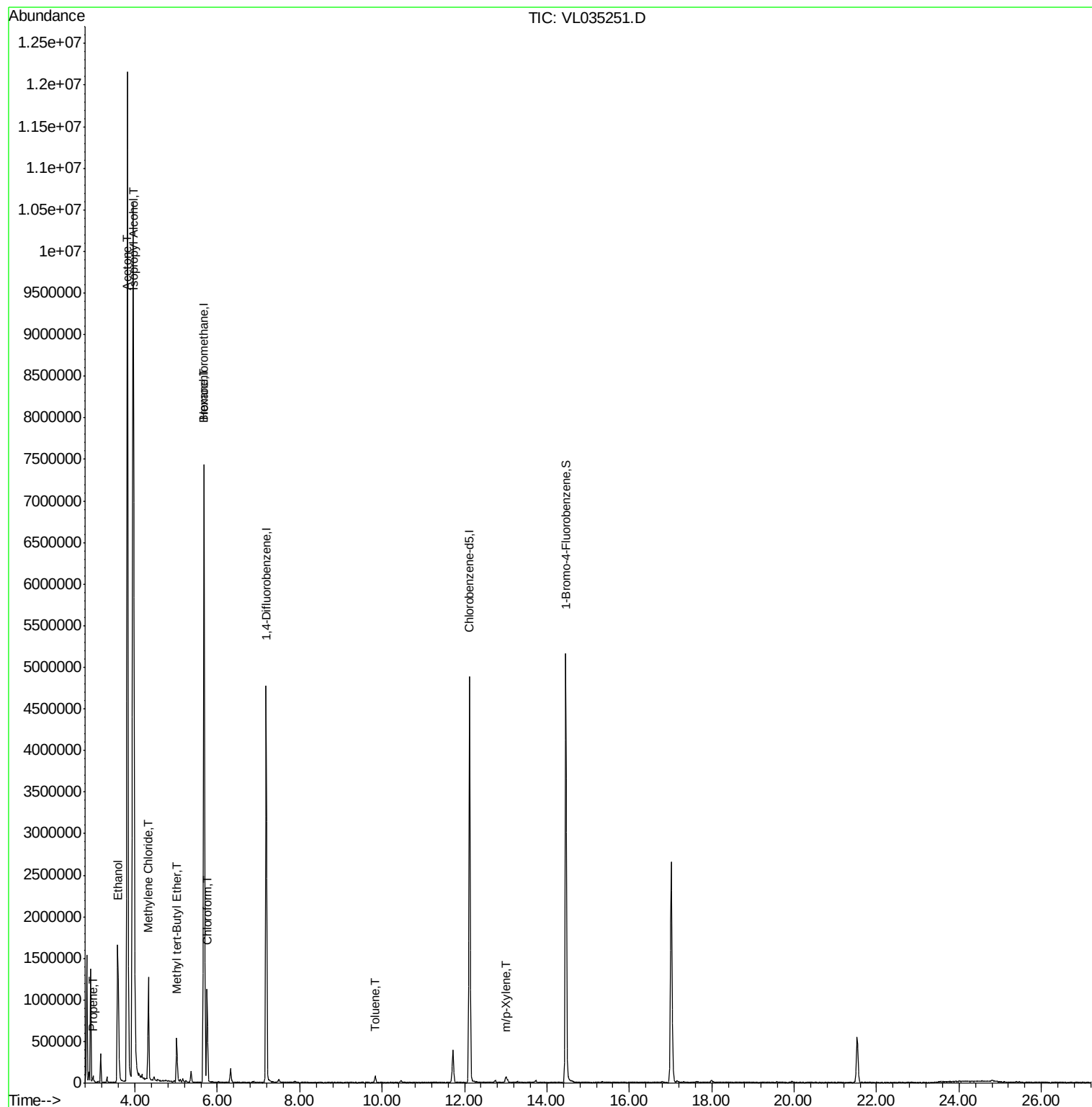
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Data File : VL035251.D
Acq On : 29 Jul 2020 18:09
Operator : SY/AP
Sample : L3474-03DL 10X
Misc : 400ml/MSVOA L
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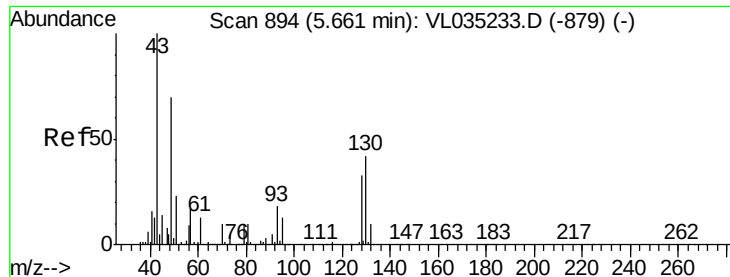
Instrument :
MSVOA_L
ClientSampleId :
SINKDL

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Quant Time: Jul 30 04:35:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL035251.D

Acq: 29 Jul 2020 18:09

Instrument :

MSVOA_L

ClientSampleId :

SINKDL

Tot Ion: 49 Resp: 1386803

Ion Ratio Lower Upper

49 100

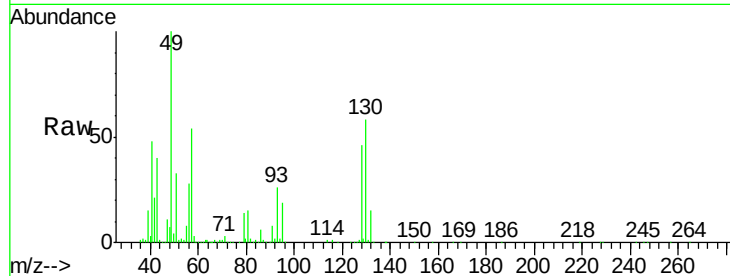
128 48.2 24.0 72.0

130 61.3 30.7 92.1

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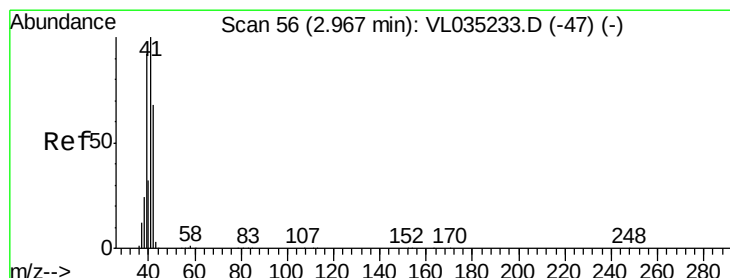
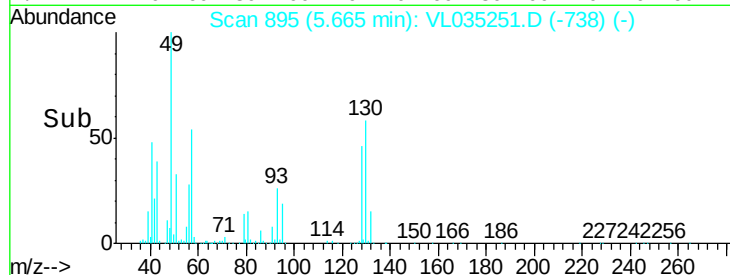
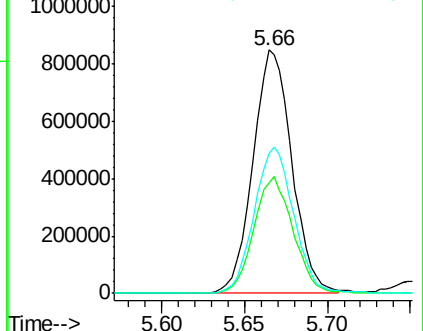
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.342 ppbv m

RT: 2.98 min Scan# 61

Delta R.T. 0.02 min

Lab File: VL035251.D

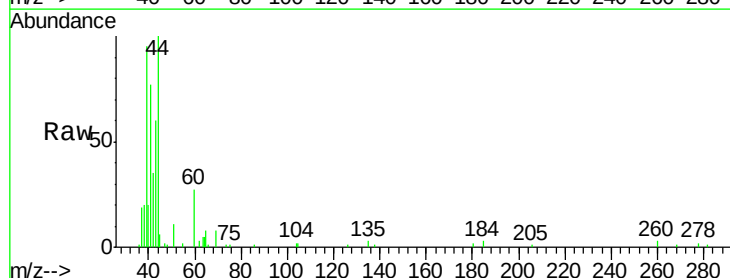
Acq: 29 Jul 2020 18:09

Tgt Ion: 41 Resp: 18301

Ion Ratio Lower Upper

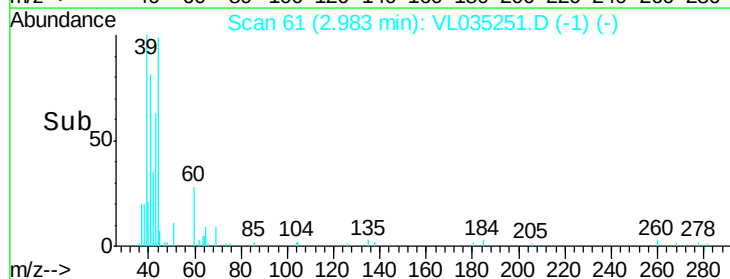
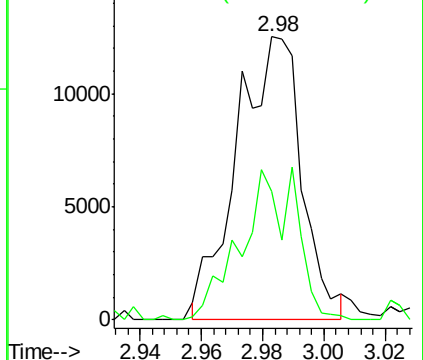
41 100

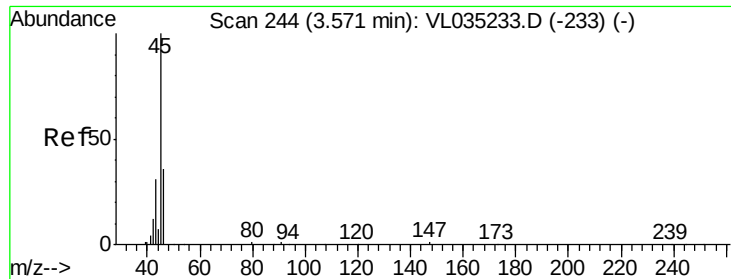
42 342.5 55.0 82.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





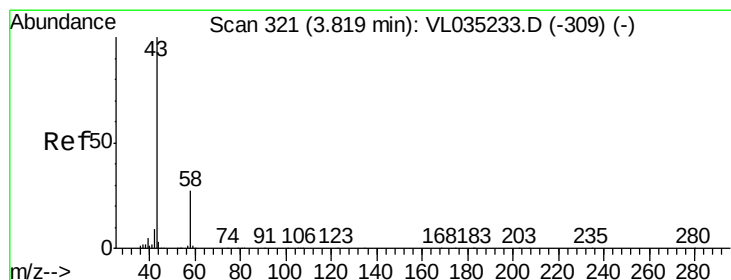
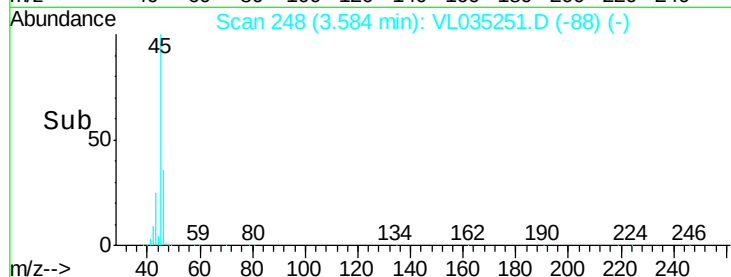
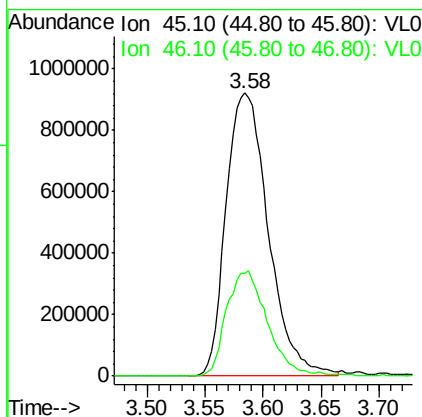
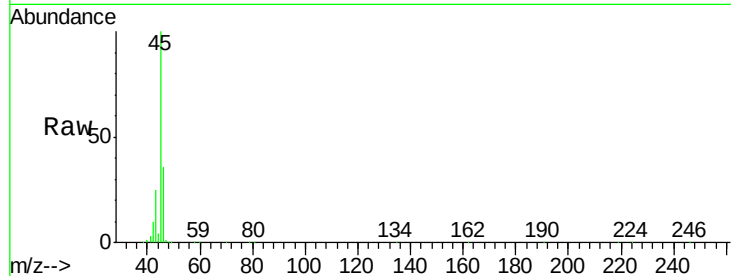
#13
Ethanol
Concen: 107.056 ppbv
RT: 3.58 min Scan# 248
Delta R.T. 0.01 min
Lab File: VL035251.D
Acq: 29 Jul 2020 18:09

Instrument :
MSVOA_L
ClientSampled :
SINKDL

Tot Ion: 45 Resp: 2331578
Ion Ratio Lower Upper
45 100
46 36.3 15.8 63.4

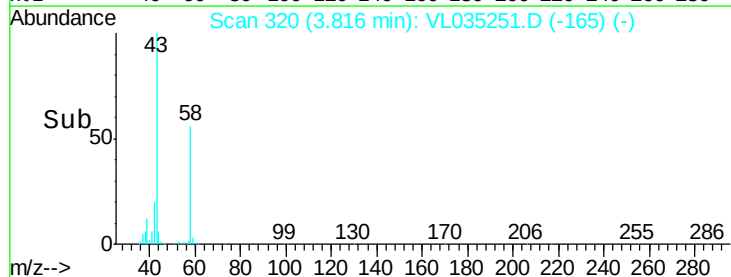
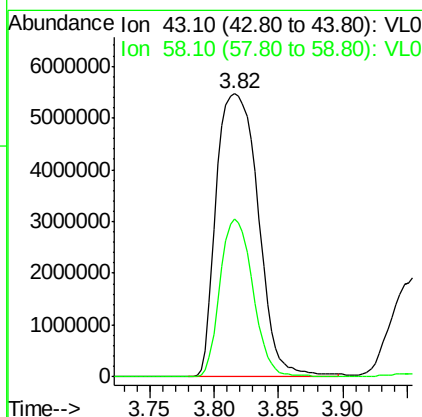
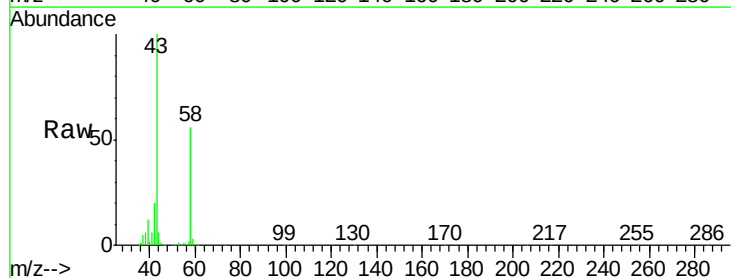
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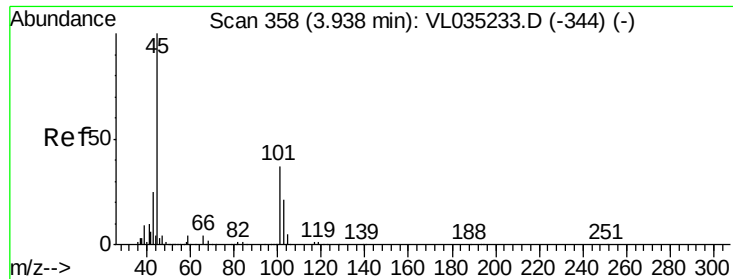
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#15
Acetone
Concen: 66.810 ppbv
RT: 3.82 min Scan# 320
Delta R.T. -0.00 min
Lab File: VL035251.D
Acq: 29 Jul 2020 18:09

Tgt Ion: 43 Resp:12358546
Ion Ratio Lower Upper
43 100
58 43.9 21.8 32.6#





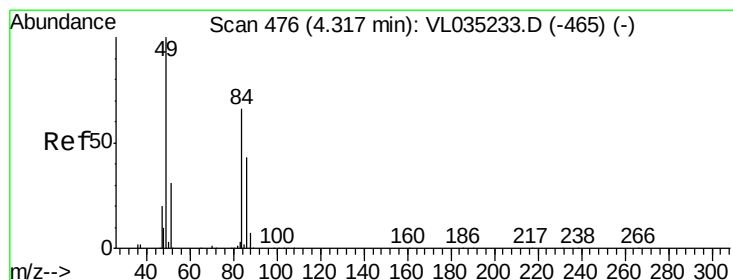
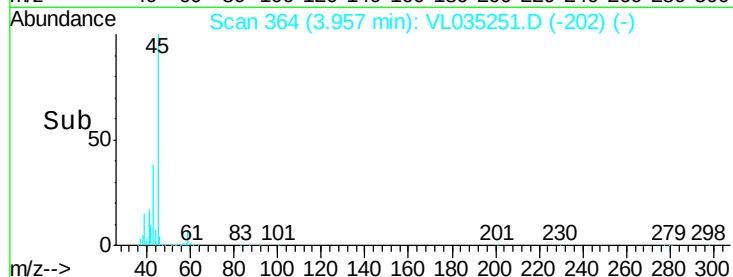
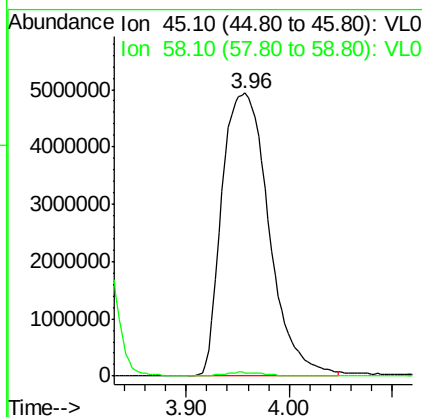
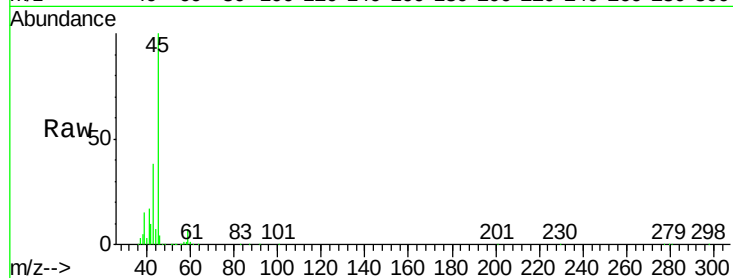
#19
Isopropyl Alcohol
Concen: 128.055 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.02 min
Lab File: VL035251.D
Acq: 29 Jul 2020 18:09

Instrument :
MSVOA_L
ClientSampleId :
SINKDL

Tot Ion: 45 Resp: 15622661
Ion Ratio Lower Upper
45 100
58 1.4 1.9 2.9#

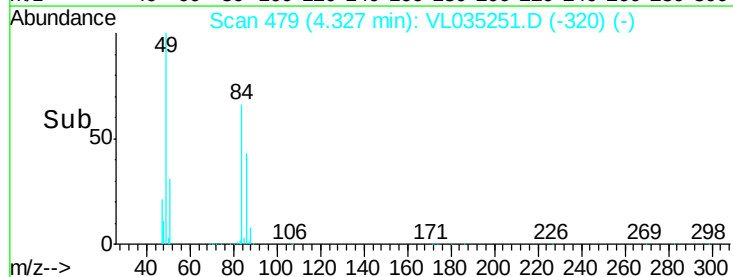
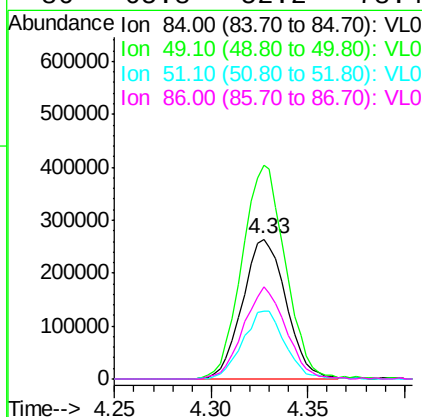
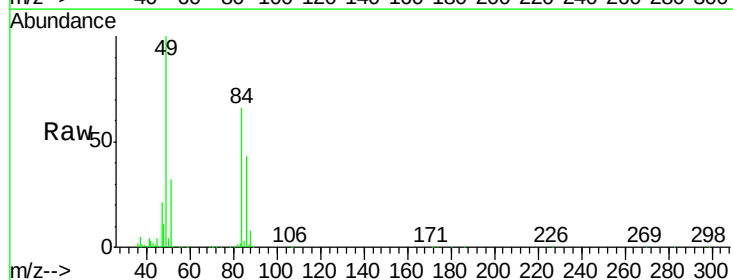
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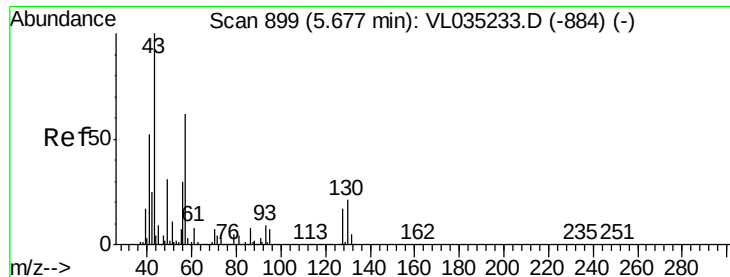
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#20
Methylene Chloride
Concen: 4.940 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.01 min
Lab File: VL035251.D
Acq: 29 Jul 2020 18:09

Tgt Ion: 84 Resp: 415951
Ion Ratio Lower Upper
84 100
49 152.5 121.0 181.4
51 48.1 37.7 56.5
86 65.8 52.2 78.4





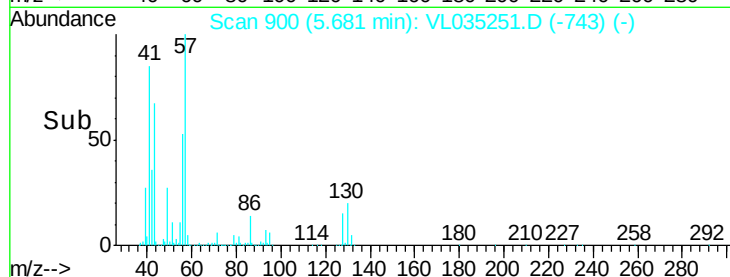
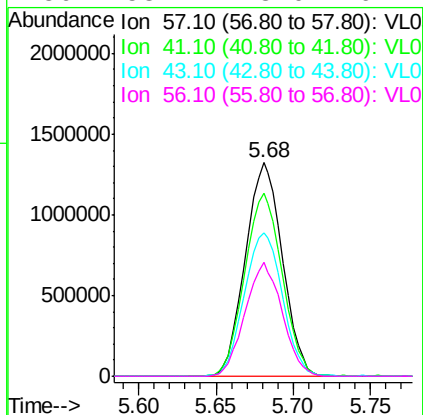
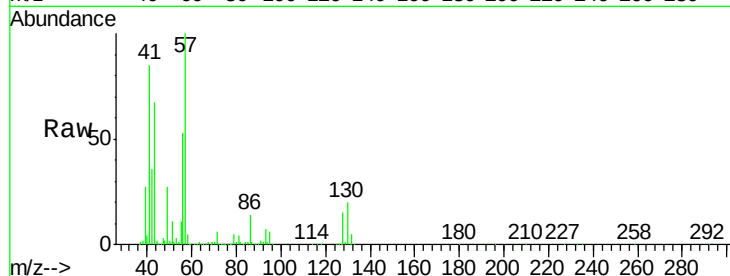
#26
Hexane
Concen: 16.906 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL035251.D
Acq: 29 Jul 2020 18:09

Instrument :
MSVOA_L
ClientSampleId :
SINKDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	87.2	73.9	110.9
43	69.6	177.6	266.4#
56	53.4	43.0	64.4

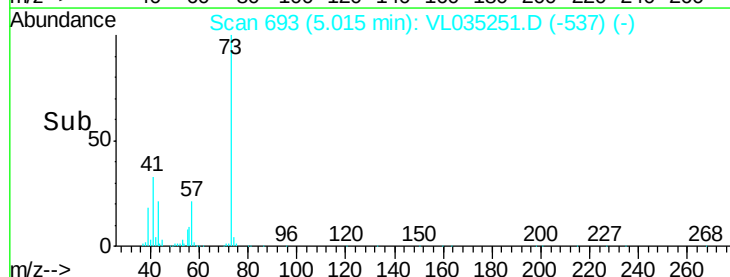
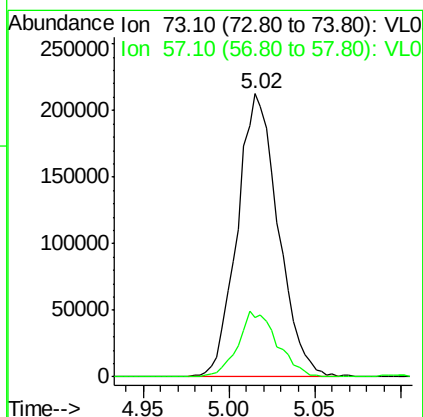
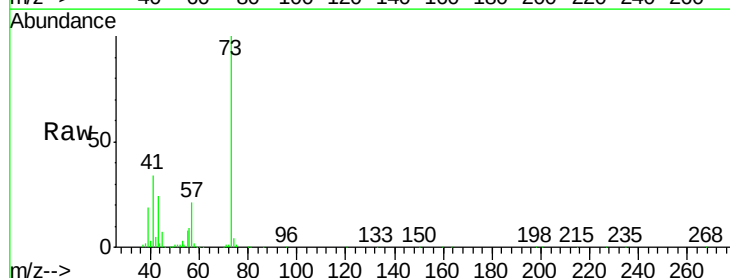
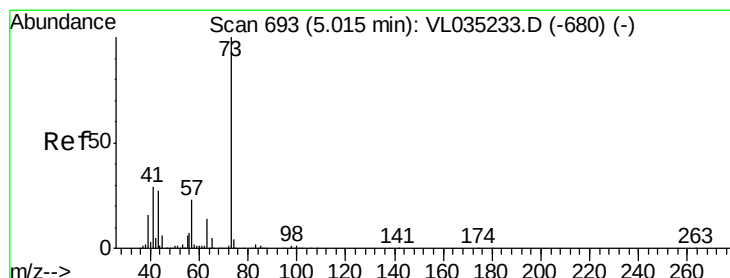
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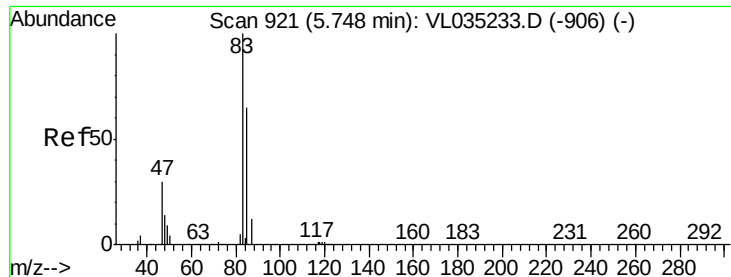
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#28
Methyl tert-Butyl Ether
Concen: 1.893 ppbv
RT: 5.02 min Scan# 693
Delta R.T. 0.00 min
Lab File: VL035251.D
Acq: 29 Jul 2020 18:09

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.2	27.4





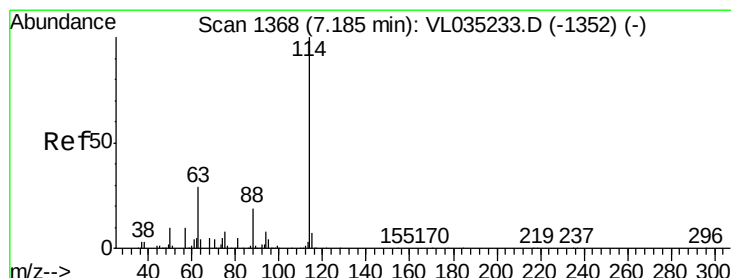
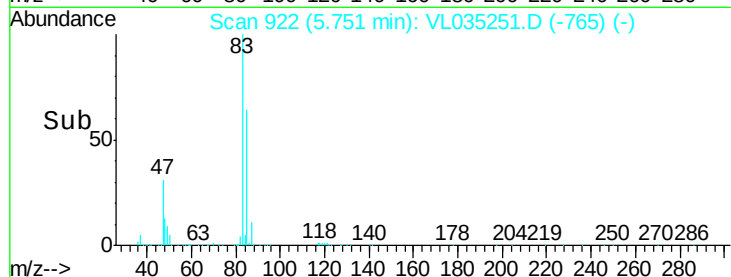
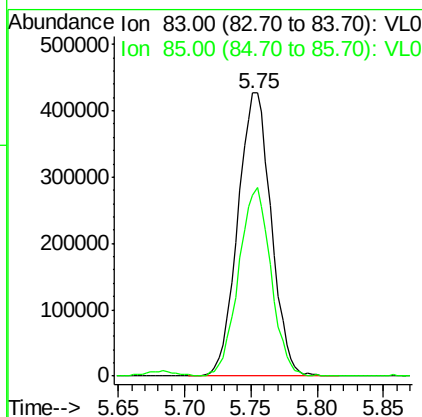
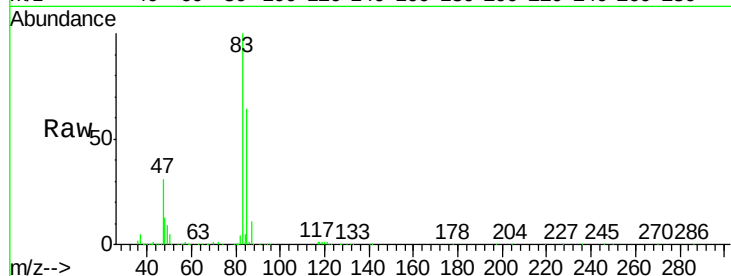
#29
Chloroform
Concen: 3.419 ppbv
RT: 5.75 min Scan# 922
Delta R.T. 0.00 min
Lab File: VL035251.D
Acq: 29 Jul 2020 18:09

Instrument :
MSVOA_L
ClientSampleId :
SINKDL

Tot Ion	83	Resp	747241
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.7	77.5

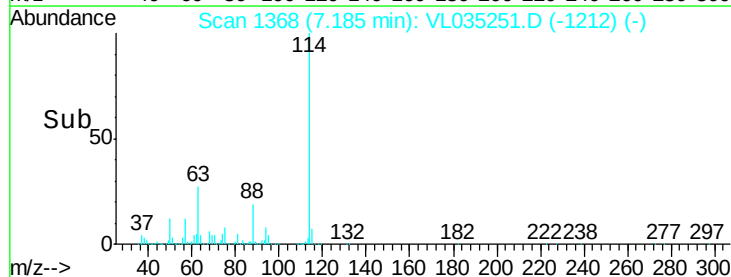
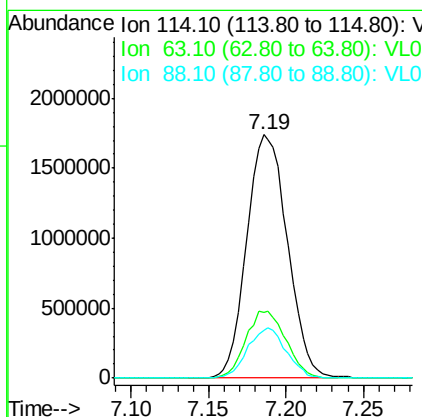
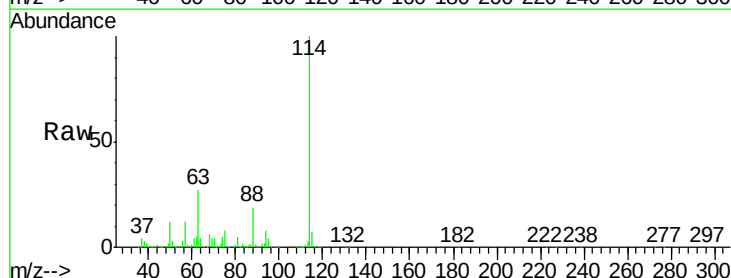
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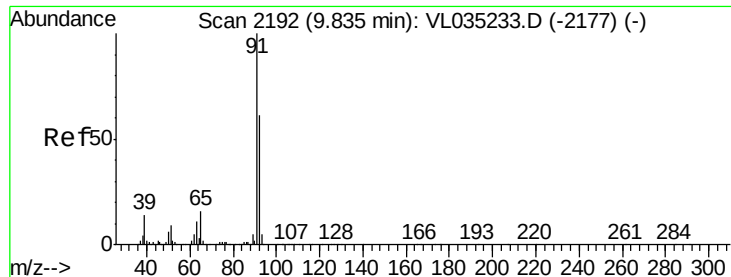
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VL035251.D
Acq: 29 Jul 2020 18:09

Tgt Ion	114	Resp	3183201
Ion Ratio	Lower	Upper	
114	100		
63	27.2	22.2	33.2
88	19.7	15.4	23.0





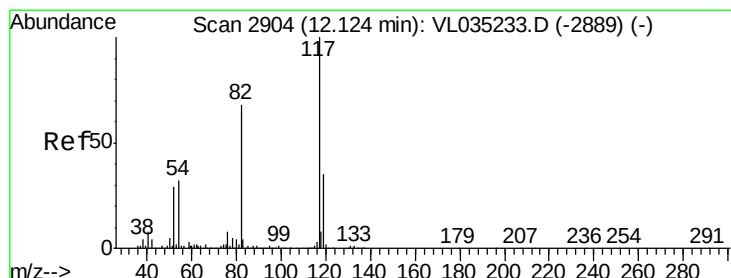
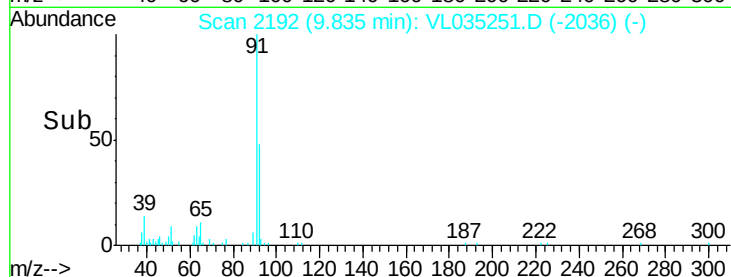
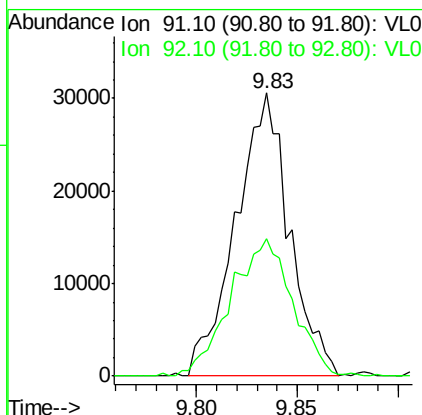
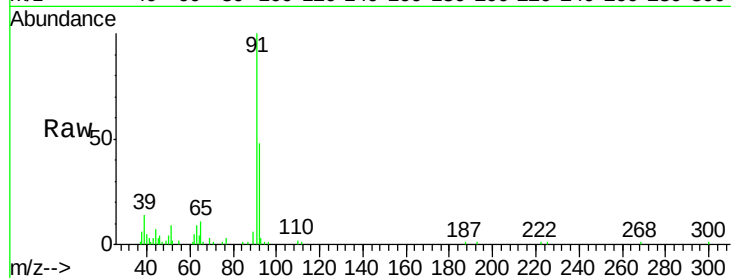
#53
Toluene
Concen: 0.242 ppbv
RT: 9.83 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VL035251.D
Acq: 29 Jul 2020 18:09

Instrument :
MSVOA_L
ClientSampleId :
SINKDL

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	55.8	48.5	72.7	

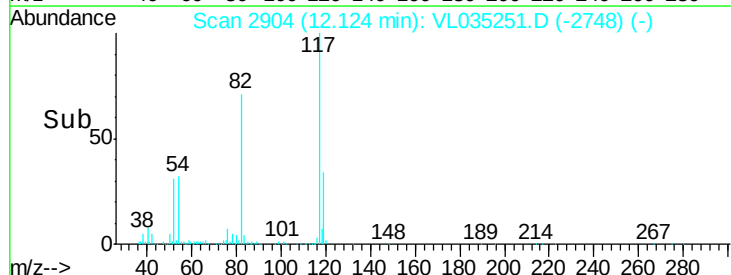
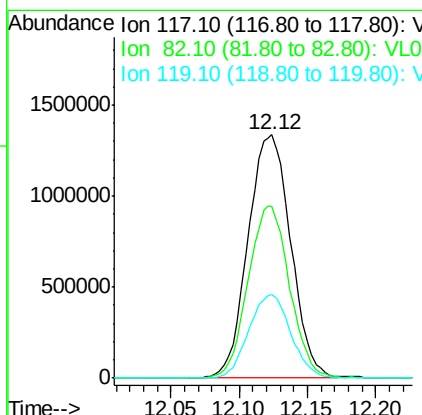
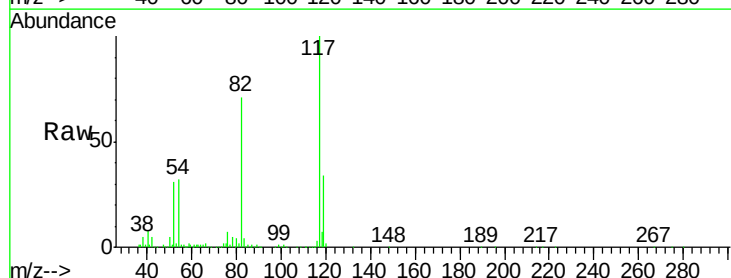
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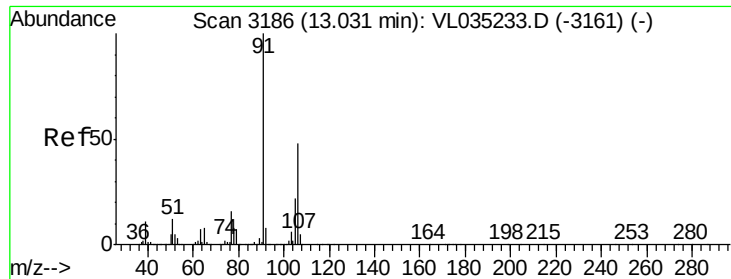
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL035251.D
Acq: 29 Jul 2020 18:09

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
82	68.8	52.4	78.6	
119	33.9	24.6	36.8	





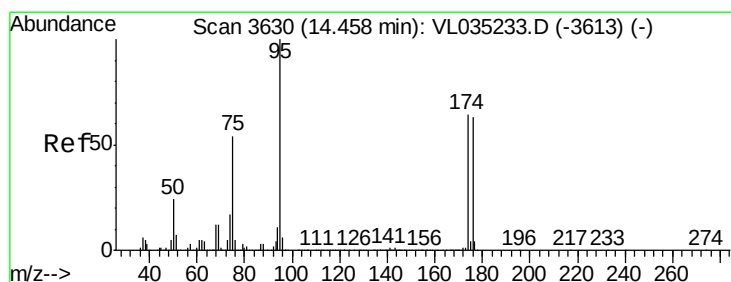
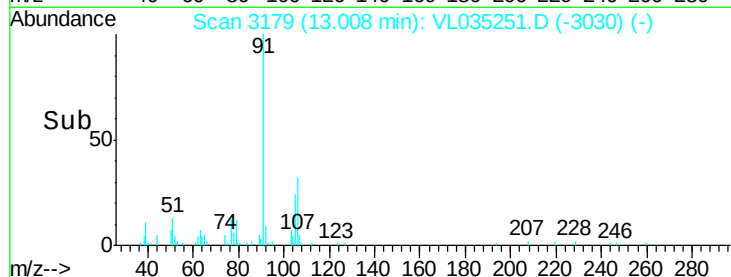
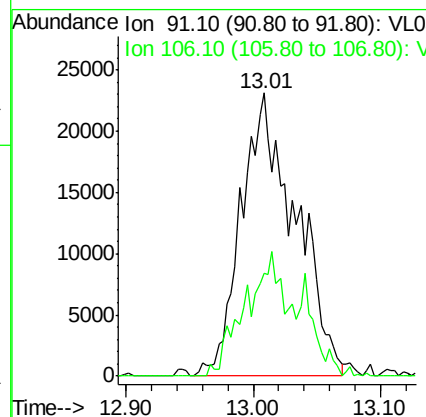
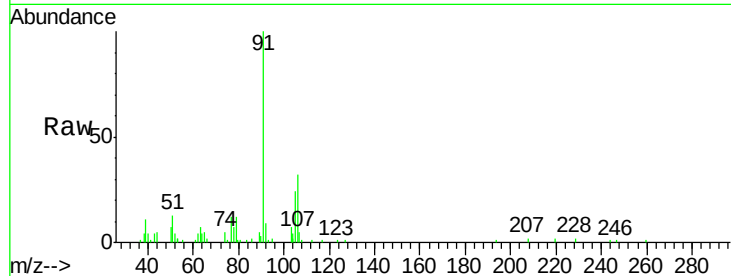
#59
m/p-Xylene
Concen: 0.239 ppbv m
RT: 13.01 min Scan# 3179
Delta R.T. -0.02 min
Lab File: VL035251.D
Acq: 29 Jul 2020 18:09

Instrument :
MSVOA_L
ClientSampled :
SINKDL

Tot Ion: 91 Resp: 68461
Ion Ratio Lower Upper
91 100
106 0.0 37.2 55.8#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.258 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VL035251.D
Acq: 29 Jul 2020 18:09

Tgt Ion: 95 Resp: 2381179
Ion Ratio Lower Upper
95 100
174 66.2 52.7 79.1
175 4.7 3.9 5.9

