

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072920\
 Data File : VL035252.D
 Acq On : 29 Jul 2020 18:47
 Operator : SY/AP
 Sample : L3474-03DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SINKDL2

Manual Integrations
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Quant Time: Jul 30 04:37:49 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	1255749	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2969035	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2770125	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	2233533	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.57	45	435480	22.082	ppbv	97
15) Acetone	3.82	43	4858796	29.008	ppbv	97
19) Isopropyl Alcohol	3.94	45	4573766	41.402	ppbv #	98
20) Methylene Chloride	4.32	84	102064	1.339	ppbv	93
26) Hexane	5.68	57	396840	3.363	ppbv #	42
28) Methyl tert-Butyl Ether	5.02	73	49477m	0.293	ppbv	
29) Chloroform	5.75	83	148492	0.750	ppbv	99

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

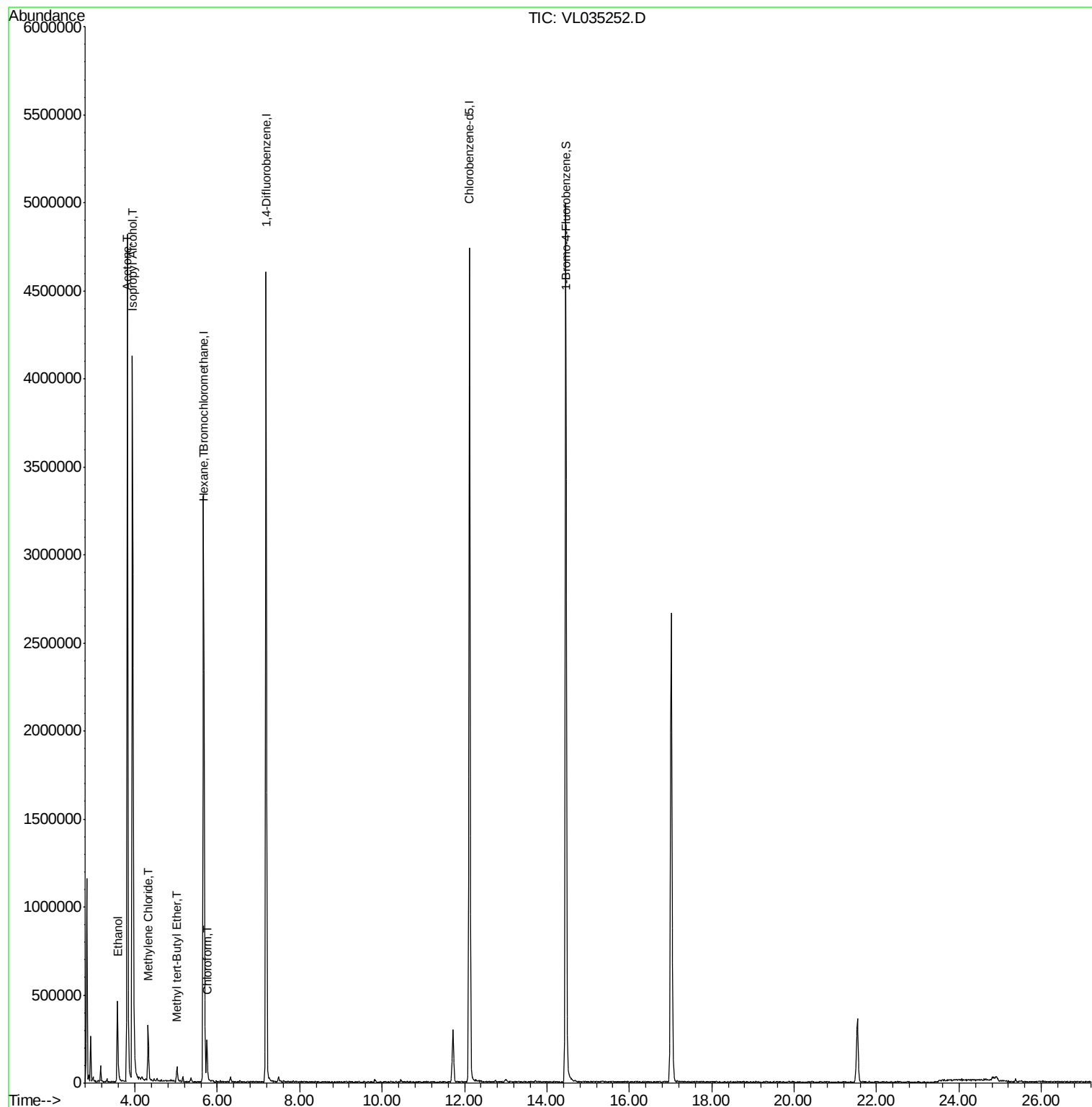
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL072920\
Data File : VL035252.D
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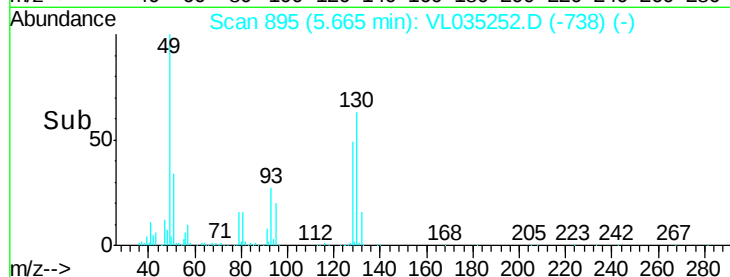
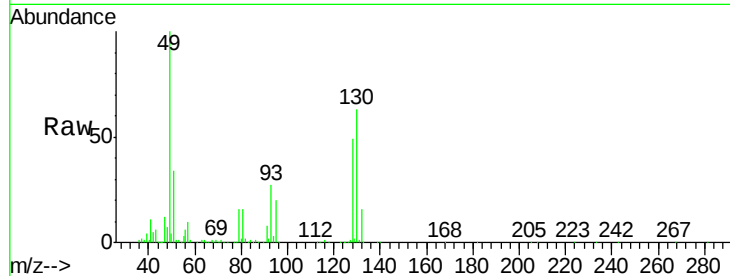
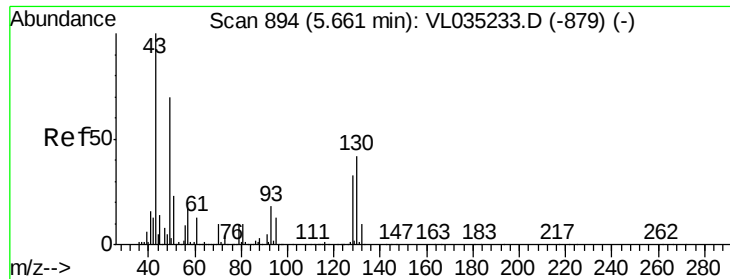
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Quant Time: Jul 30 04:37:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL035252.D

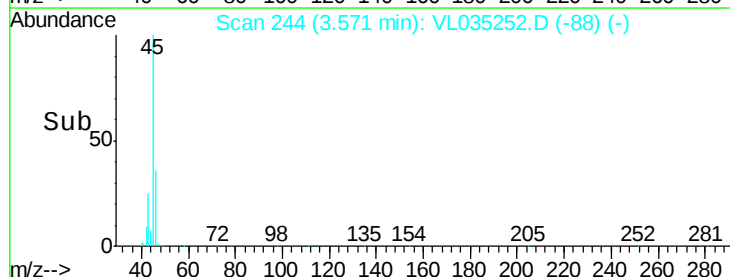
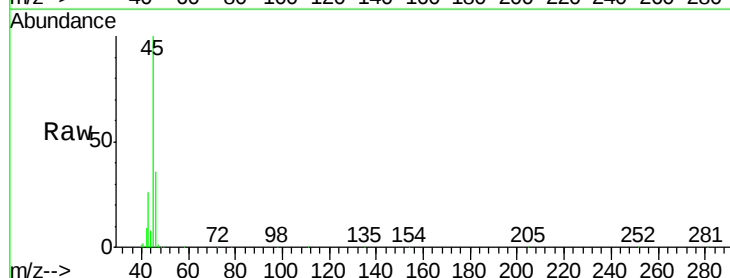
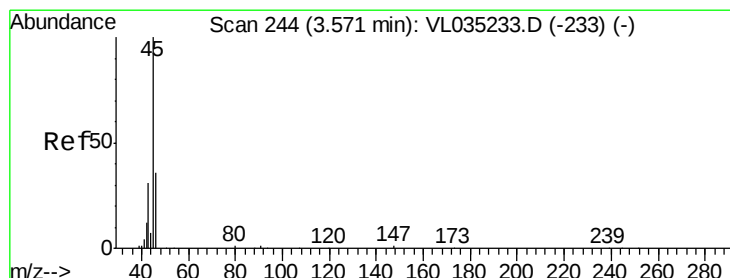
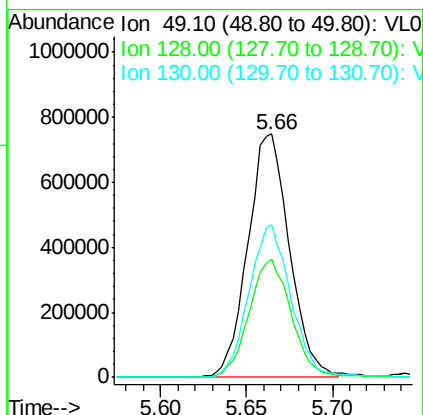
Acq: 29 Jul 2020 18:47

Tot Ion:	49	Resp:	1255749
Ion	Ratio	Lower	Upper
49	100		
128	49.6	24.0	72.0
130	63.5	30.7	92.1

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#13

Ethanol

Concen: 22.082 ppbv

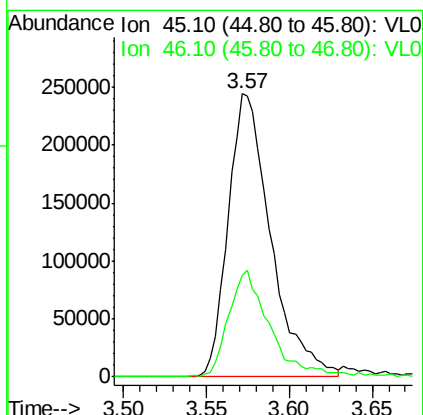
RT: 3.57 min Scan# 244

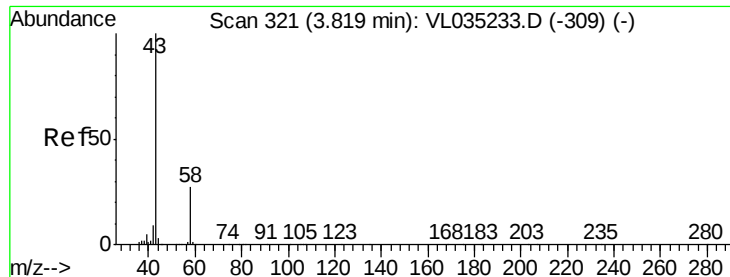
Delta R.T. 0.00 min

Lab File: VL035252.D

Acq: 29 Jul 2020 18:47

Tgt Ion:	45	Resp:	435480
Ion	Ratio	Lower	Upper
45	100		
46	37.5	15.8	63.4





#15

Acetone

Concen: 29.008 ppbv

RT: 3.82 min Scan# 320

Delta R.T. -0.00 min

Lab File: VL035252.D

Acq: 29 Jul 2020 18:47

Instrument :

MSVOA_L

ClientSampleId :

SINKDL2

Tot Ion: 43 Resp: 4858796

Ion Ratio Lower Upper

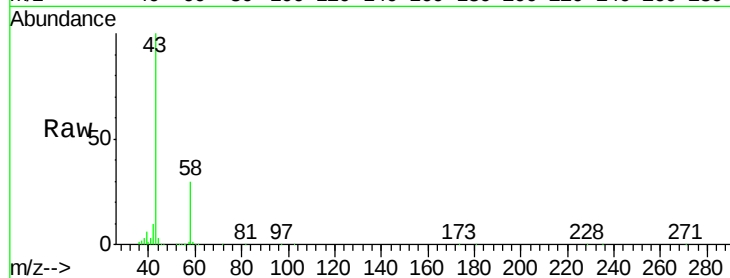
43 100

58 28.7 21.8 32.6

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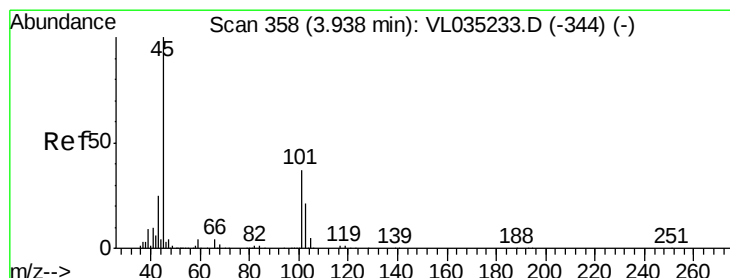
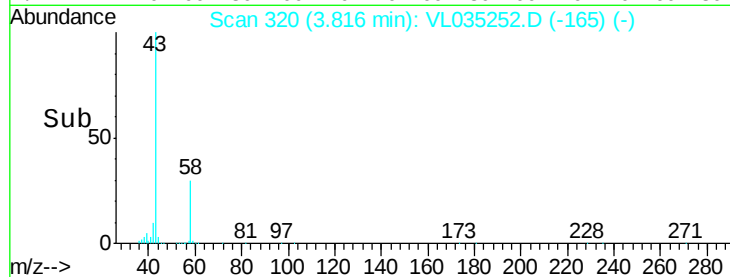
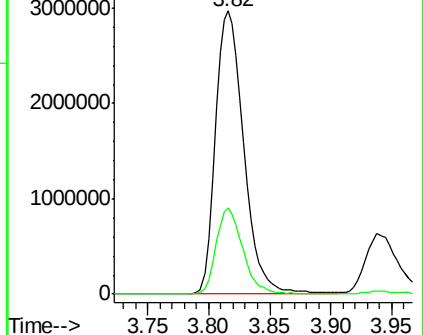
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#19

Isopropyl Alcohol

Concen: 41.402 ppbv

RT: 3.94 min Scan# 359

Delta R.T. 0.00 min

Lab File: VL035252.D

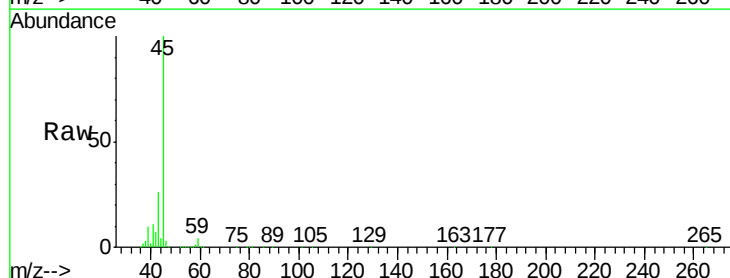
Acq: 29 Jul 2020 18:47

Tgt Ion: 45 Resp: 4573766

Ion Ratio Lower Upper

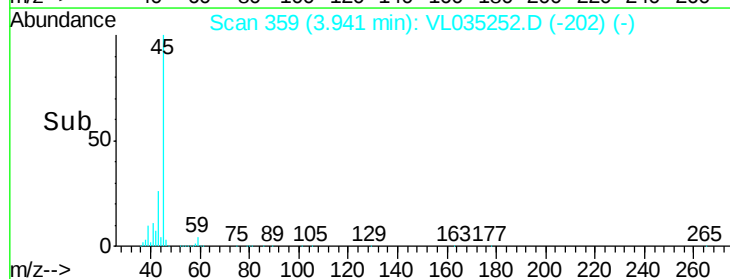
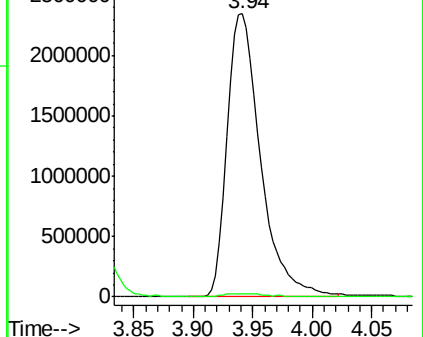
45 100

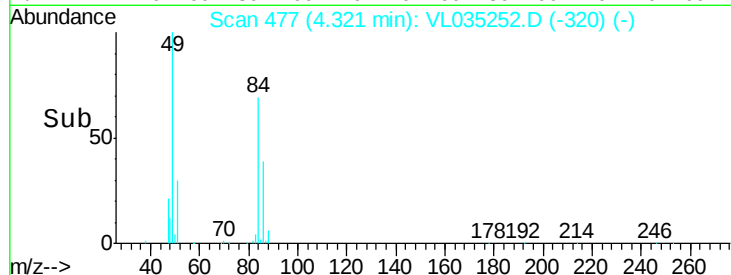
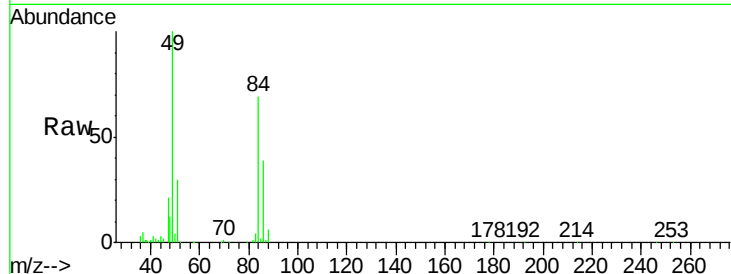
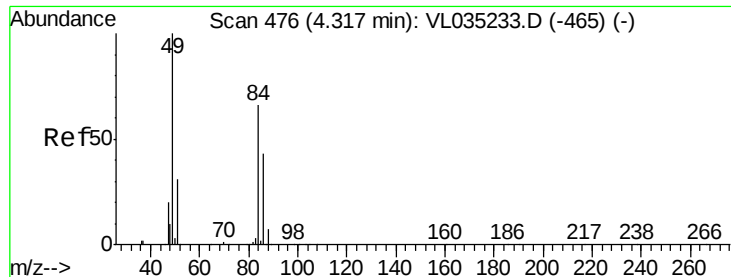
58 1.6 1.9 2.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

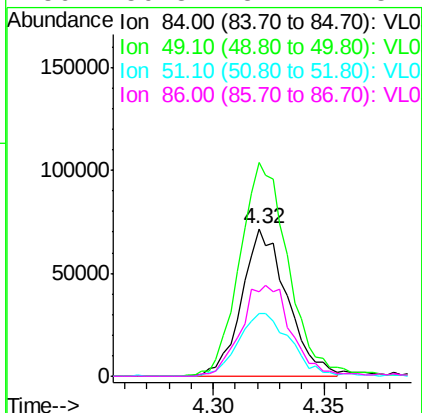
Ion 58.10 (57.80 to 58.80): VL0





#20
Methvlene Chloride
Concen: 1.339 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.00 min
Lab File: VL035252.D
Acq: 29 Jul 2020 18:47

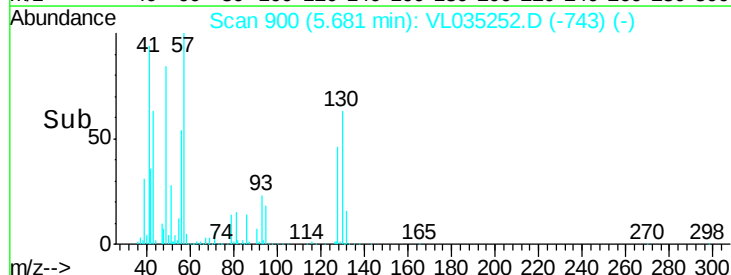
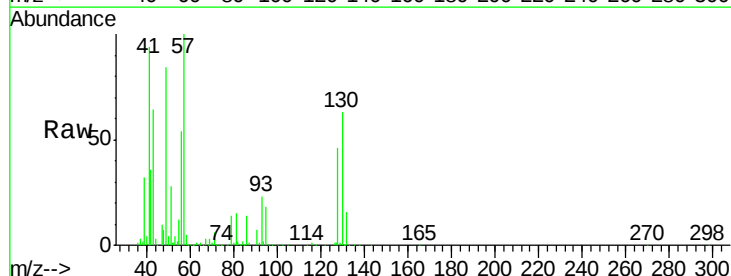
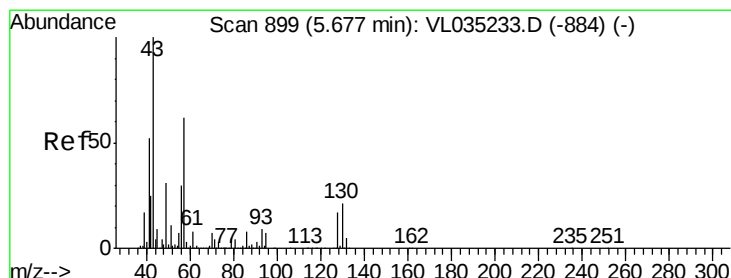
Tot Ion	84	Resp	102064
Ion	Ratio	Lower	Upper
84	100		
49	144.0	121.0	181.4
51	43.2	37.7	56.5
86	56.8	52.2	78.4



Instrument :
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SINKDL2

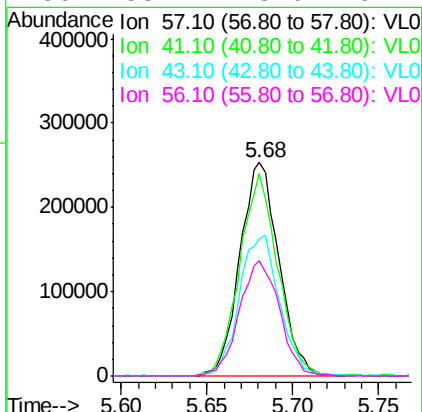
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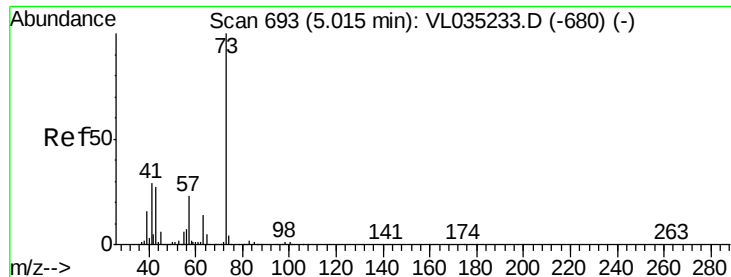
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#26
Hexane
Concen: 3.363 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL035252.D
Acq: 29 Jul 2020 18:47

Tgt Ion	57	Resp	396840
Ion	Ratio	Lower	Upper
57	100		
41	93.3	73.9	110.9
43	68.5	177.6	266.4#
56	55.7	43.0	64.4





#28

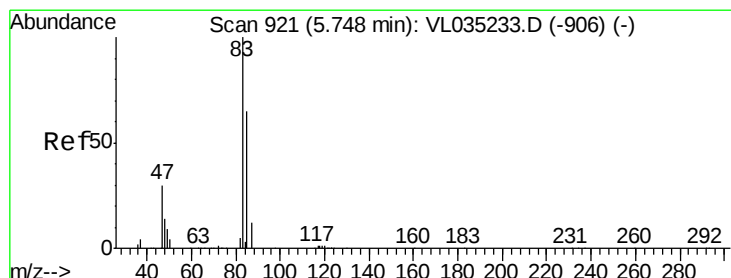
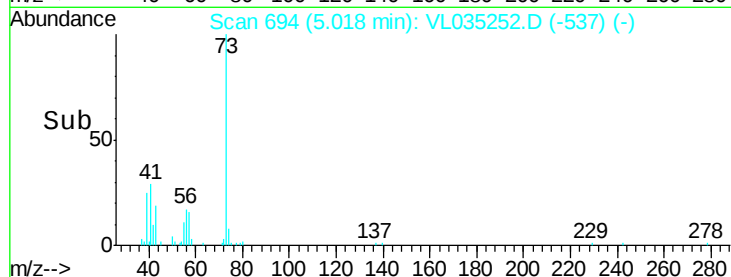
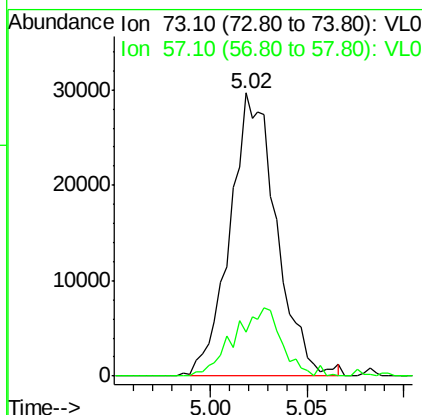
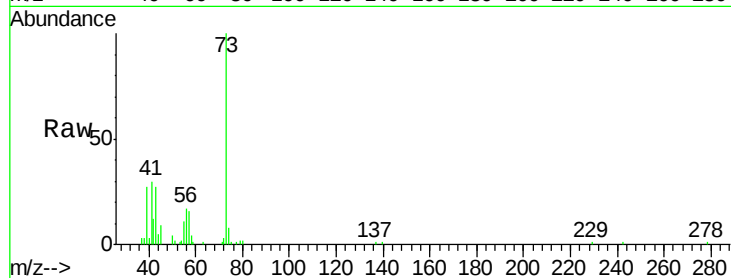
Methvl tert-Butvl Ether
 Concen: 0.293 ppbv m
 RT: 5.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VL035252.D
 Acq: 29 Jul 2020 18:47

Instrument :
 MSVOA_L
 ClientSampleId :
 SINKDL2

Tot Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.2	27.4#

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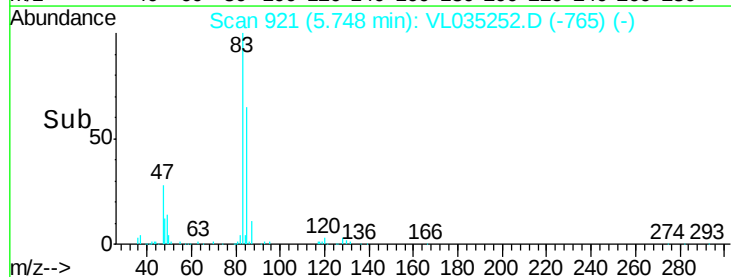
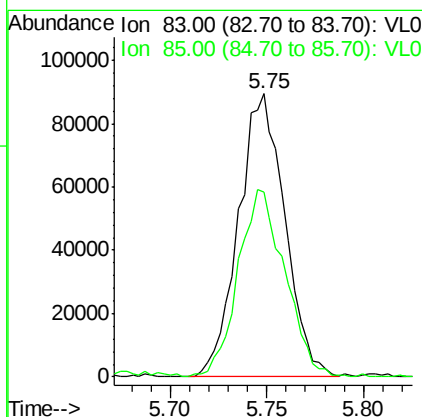
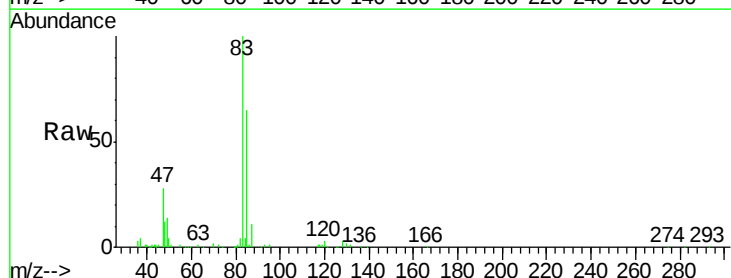
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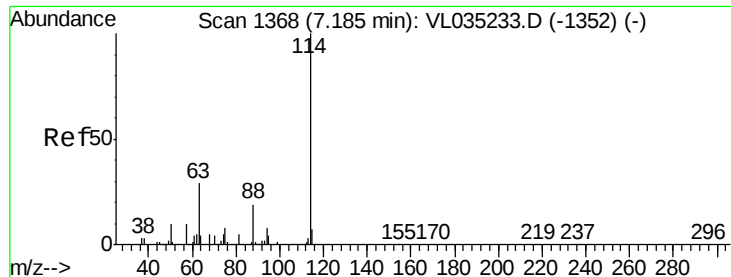


#29

Chloroform
 Concen: 0.750 ppbv
 RT: 5.75 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VL035252.D
 Acq: 29 Jul 2020 18:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.7	77.5





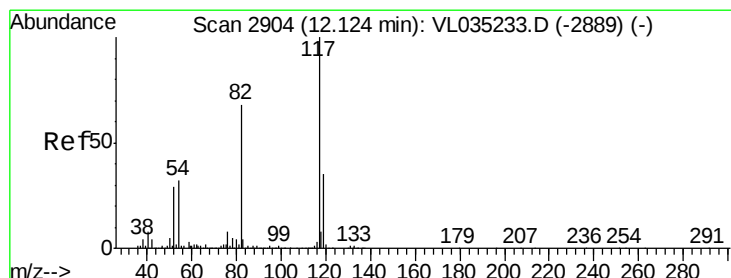
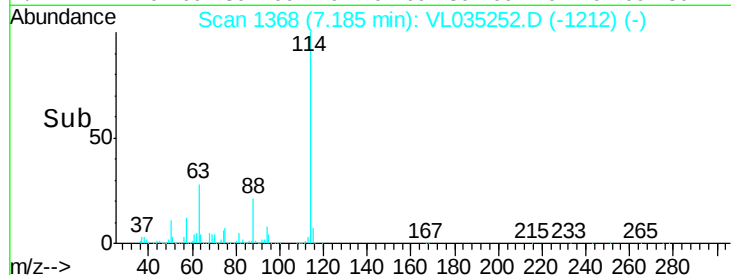
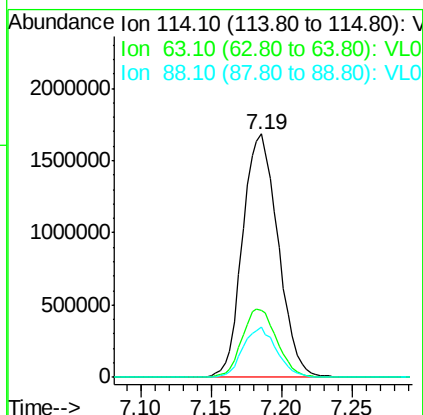
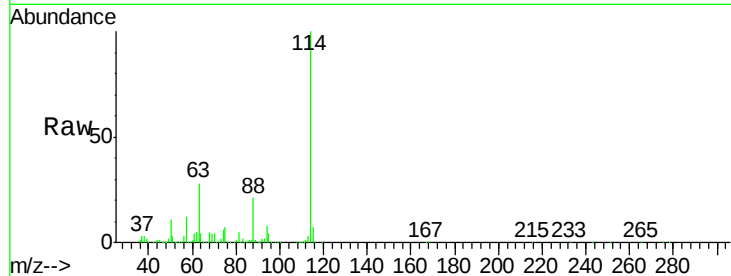
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VL035252.D
 Acq: 29 Jul 2020 18:47

Instrument :
 MSVOA_L
 ClientSampleId :
 SINKDL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.2	33.2
88	19.5	15.4	23.0

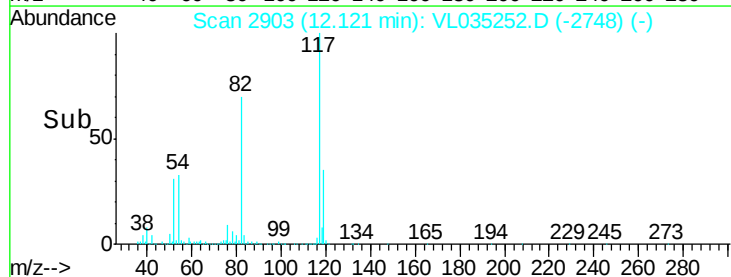
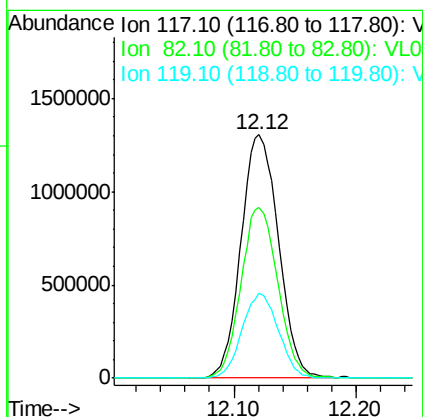
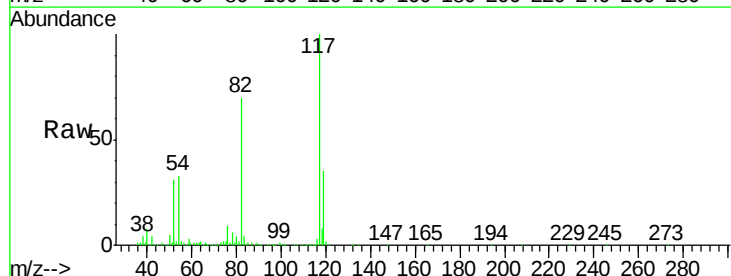
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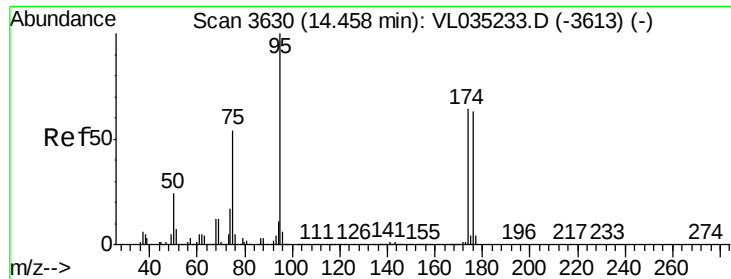
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2903
 Delta R.T. -0.00 min
 Lab File: VL035252.D
 Acq: 29 Jul 2020 18:47

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.0	52.4	78.6
119	33.9	24.6	36.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.090 ppbv
 RT: 14.46 min Scan# 3630
 Delta R.T. 0.00 min
 Lab File: VL035252.D
 Acq: 29 Jul 2020 18:47

Instrument :
 MSVOA_L
 ClientSampleId :
 SINKDL2

Tot Ion: 95 Resp: 2233533
 Ion Ratio Lower Upper
 95 100
 174 66.6 52.7 79.1
 175 4.9 3.9 5.9

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