

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
 Data File : VL036203.D
 Acq On : 23 Dec 2020 22:10
 Operator : SY/AP
 Sample : L5196-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IIA2DL

Manual Integrations
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 12/26/2020 1:36:48 PM

Quant Time: Dec 24 06:14:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1358318	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2756320m	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2385679	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2081642	10.99	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	21894	0.141	ppbv	97
9) Propene	3.00	41	19464	0.251	ppbv	87
13) Ethanol	3.59	45	143224m	13.382	ppbv	
15) Acetone	3.84	43	109124	0.668	ppbv #	89
19) Isopropyl Alcohol	3.96	45	94694m	0.949	ppbv	
20) Methylene Chloride	4.32	84	29469	0.441	ppbv	87
26) Hexane	5.66	57	49565m	0.338	ppbv	

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

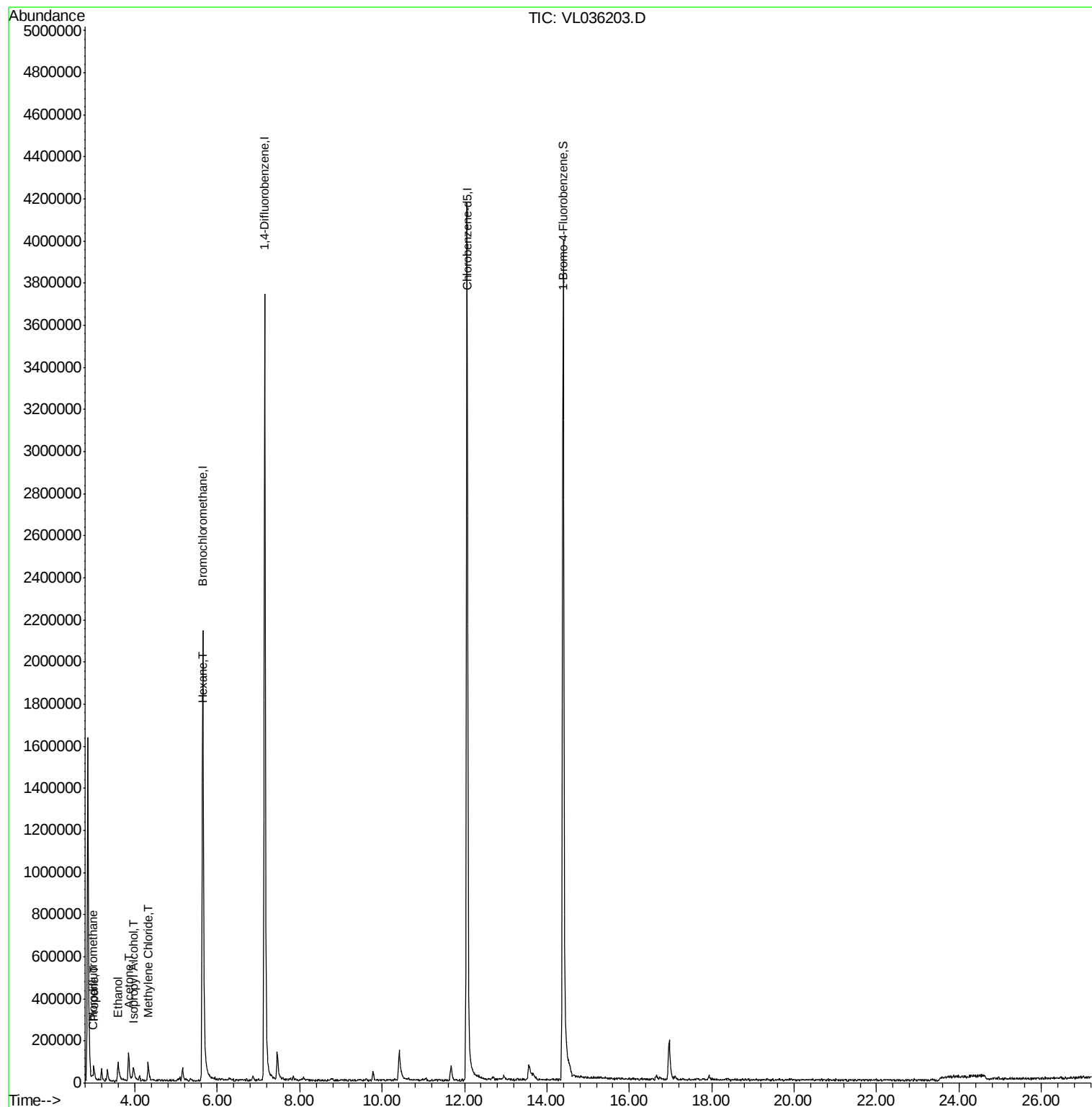
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL122320\
Data File : VL036203.D
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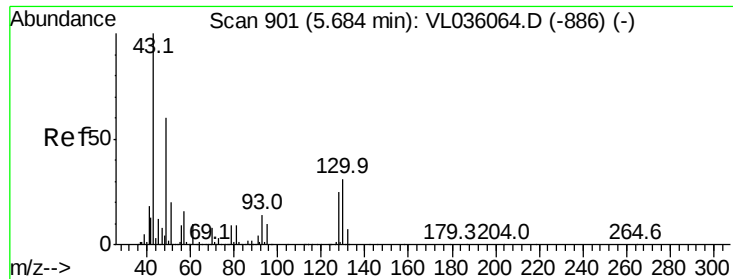
Instrument :
MSVOA_L
ClientSampleId :
IIA2DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.04 min

Lab File: VL036203.D

Acq: 23 Dec 2020 22:10

Instrument :

MSVOA_L

ClientSampleId :

IIA2DL

Tot Ion: 49 Resp: 1358318

Ion Ratio Lower Upper

49 100

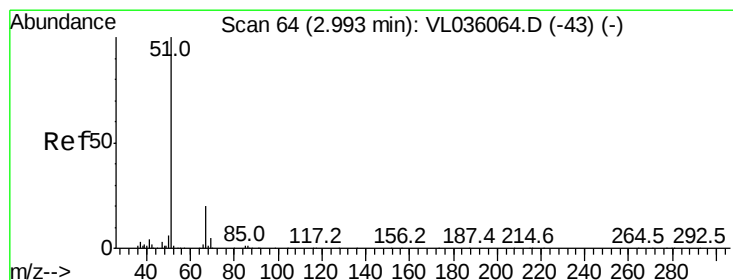
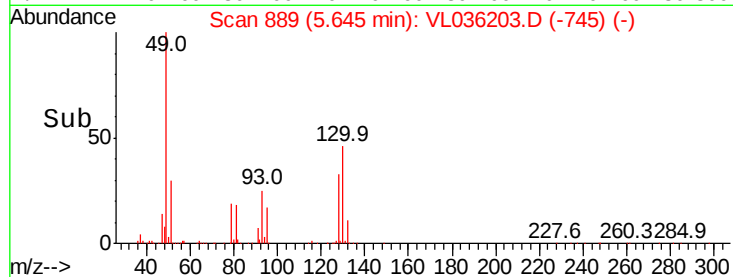
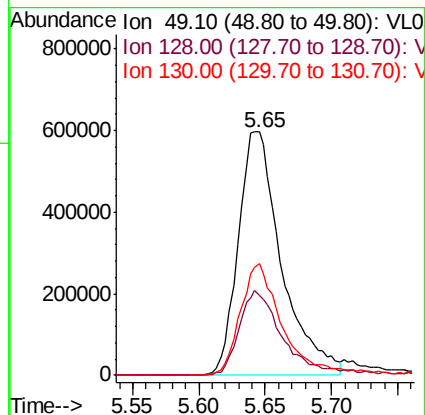
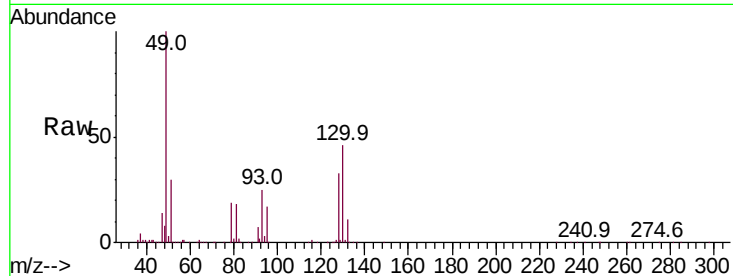
128 36.4 21.1 63.1

130 46.6 27.1 81.3

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#3

Chlorodifluoromethane

Concen: 0.141 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.02 min

Lab File: VL036203.D

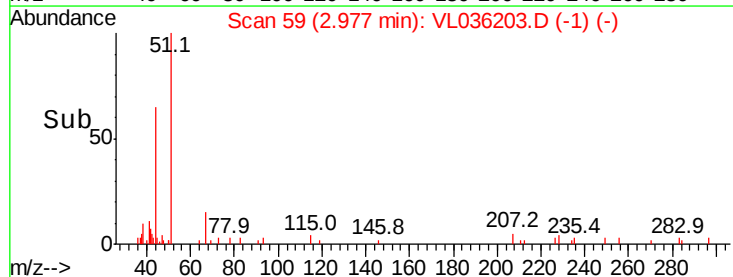
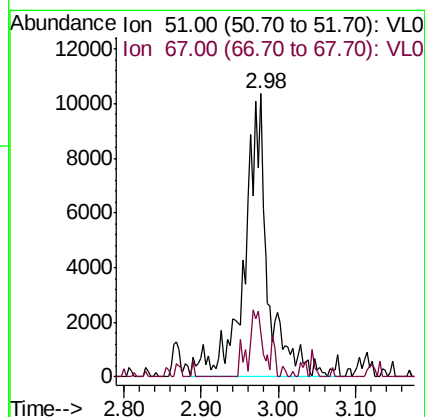
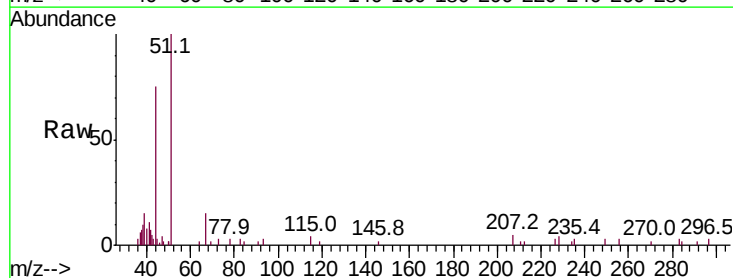
Acq: 23 Dec 2020 22:10

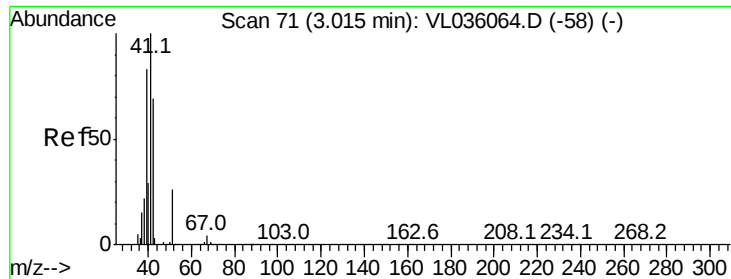
Tgt Ion: 51 Resp: 21894

Ion Ratio Lower Upper

51 100

67 16.5 14.3 21.5





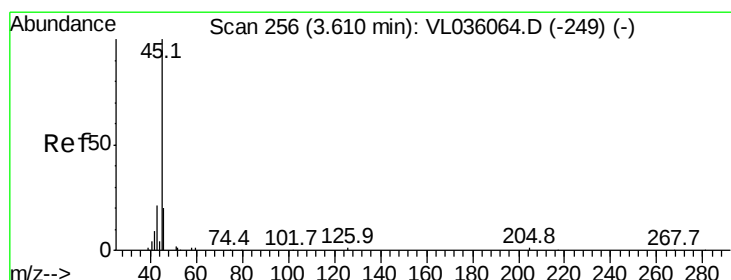
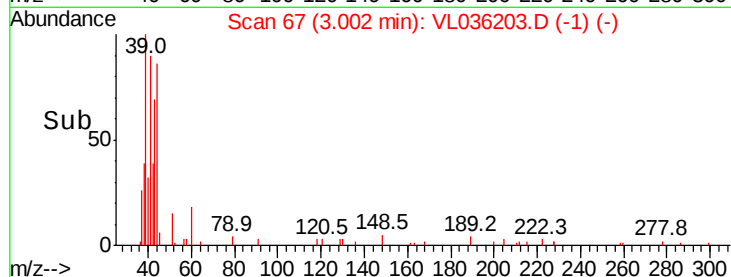
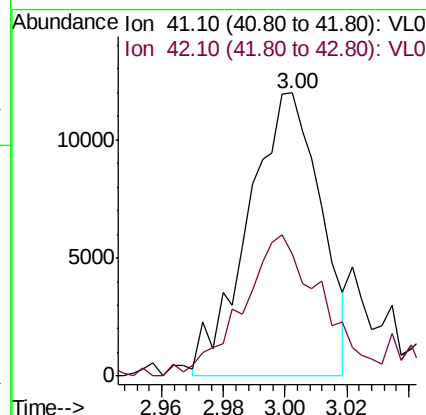
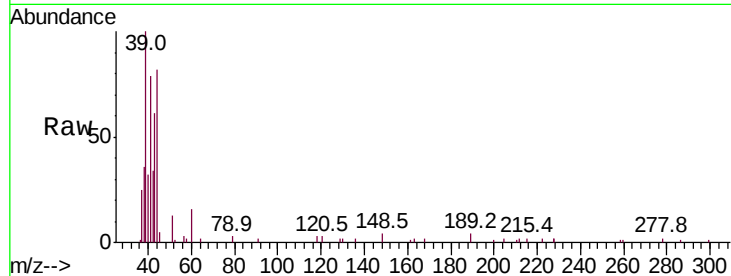
#9
Propene
Concen: 0.251 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.01 min
Lab File: VL036203.D
Acq: 23 Dec 2020 22:10

Instrument :
MSVOA_L
ClientSampleID :
IIA2DL

Tot Ion: 41 Resp: 19464
Ion Ratio Lower Upper
41 100
42 60.8 57.0 85.6

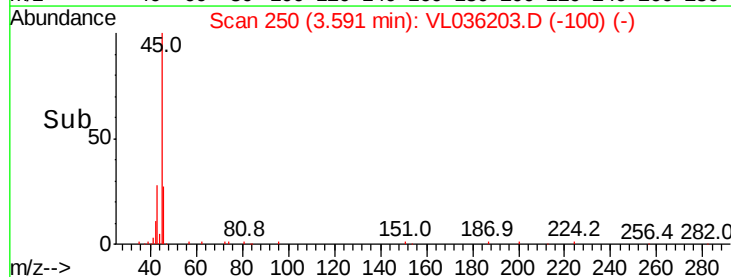
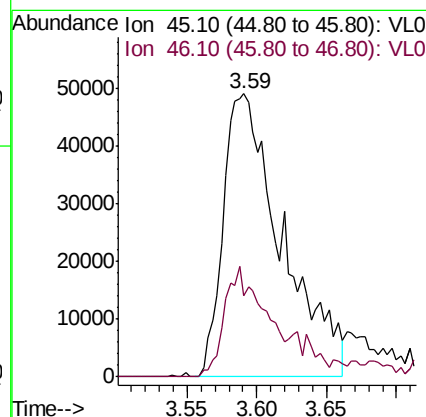
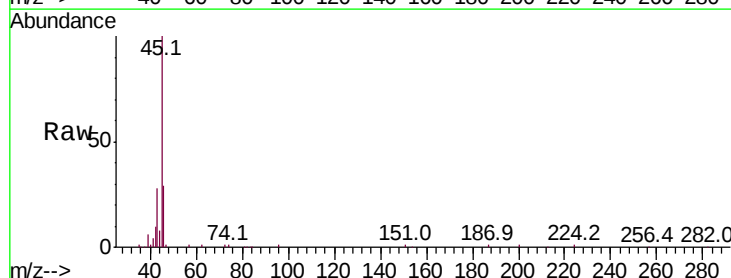
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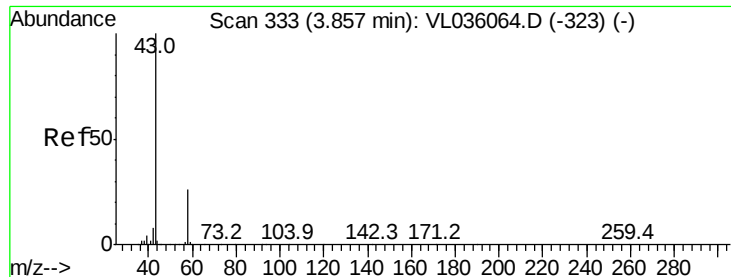
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#13
Ethanol
Concen: 13.382 ppbv m
RT: 3.59 min Scan# 250
Delta R.T. -0.02 min
Lab File: VL036203.D
Acq: 23 Dec 2020 22:10

Tgt Ion: 45 Resp: 143224
Ion Ratio Lower Upper
45 100
46 39.3 19.0 75.8





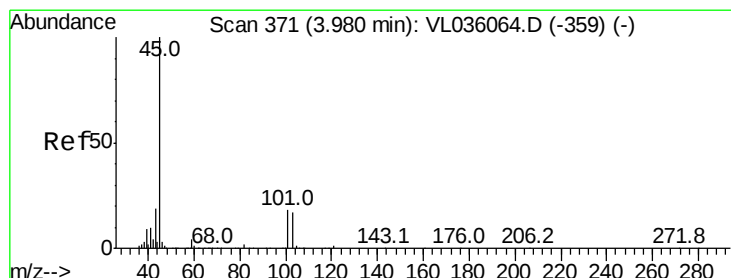
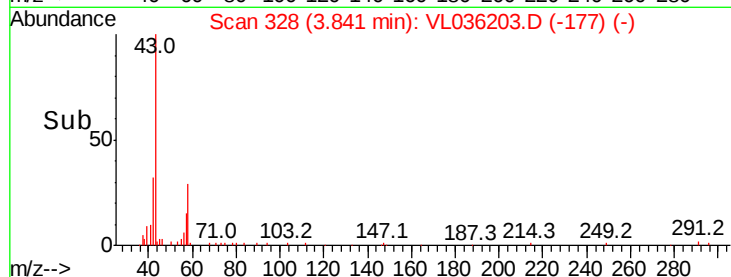
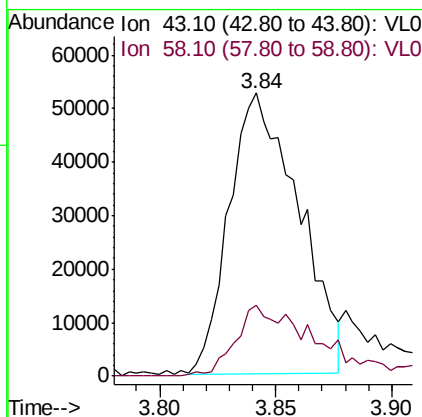
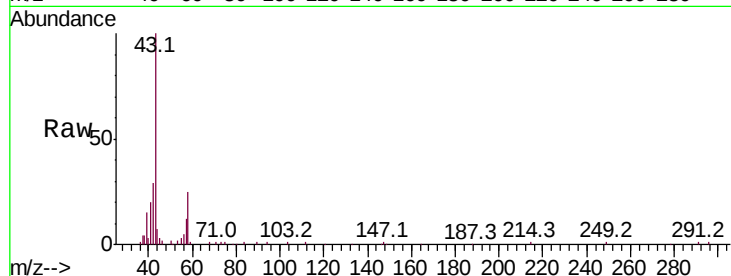
#15
Acetone
Concen: 0.668 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.02 min
Lab File: VL036203.D
Acq: 23 Dec 2020 22:10

Instrument :
MSVOA_L
ClientSampled :
IIA2DL

Tot Ion: 43 Resp: 109124
Ion Ratio Lower Upper
43 100
58 31.5 20.9 31.3#

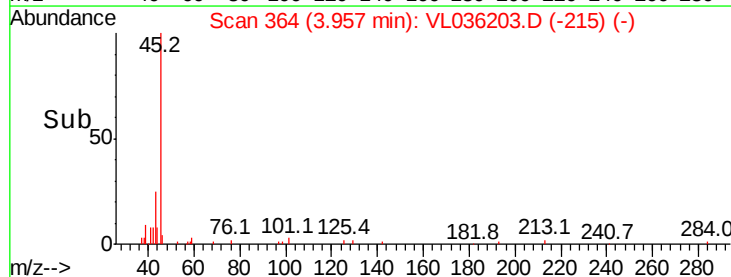
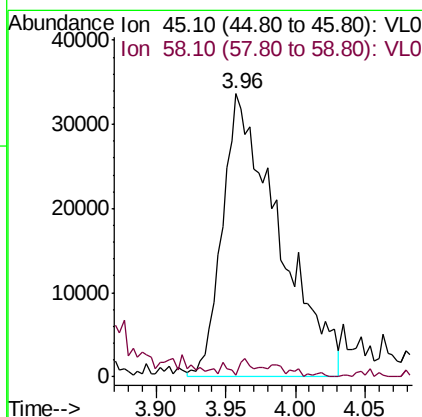
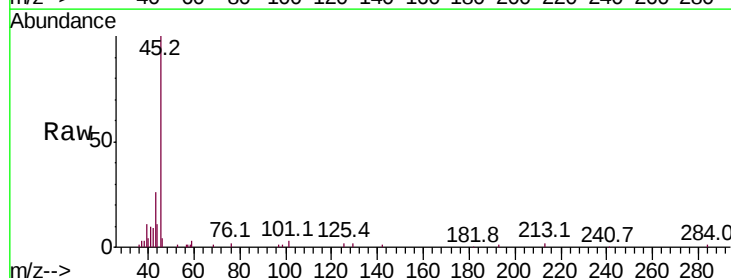
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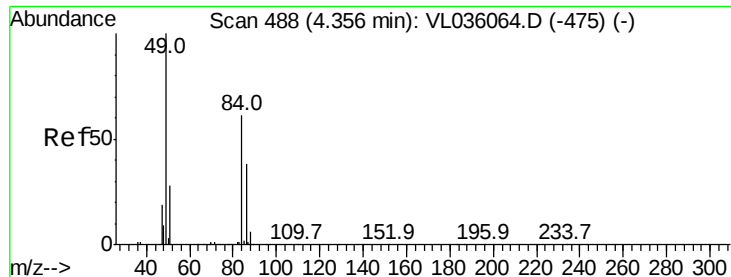
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#19
Isopropyl Alcohol
Concen: 0.949 ppbv m
RT: 3.96 min Scan# 364
Delta R.T. -0.02 min
Lab File: VL036203.D
Acq: 23 Dec 2020 22:10

Tgt Ion: 45 Resp: 94694
Ion Ratio Lower Upper
45 100
58 1.1 0.0 0.0#





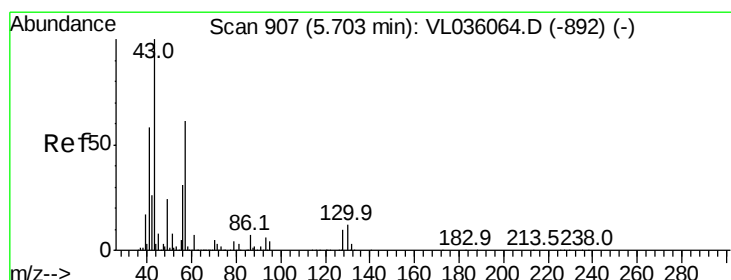
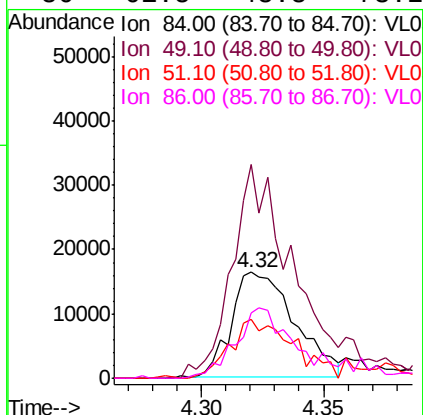
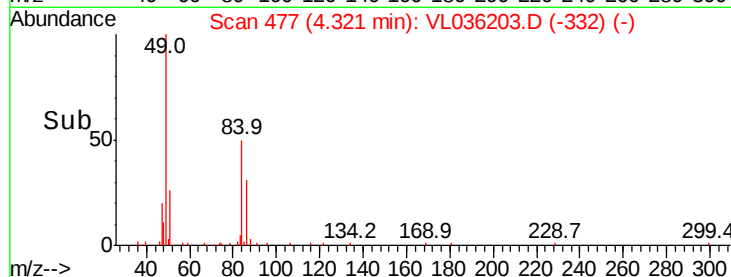
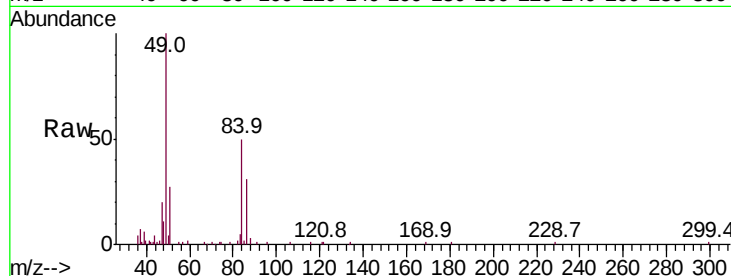
#20
Methvlene Chloride
Concen: 0.441 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.04 min
Lab File: VL036203.D
Acq: 23 Dec 2020 22:10

Instrument :
MSVOA_L
ClientSampled :
IIA2DL

Tot Ion:	84	Resp:	29469
Ion	Ratio	Lower	Upper
84	100		
49	190.7	133.0	199.4
51	56.0	38.9	58.3
86	61.5	48.8	73.2

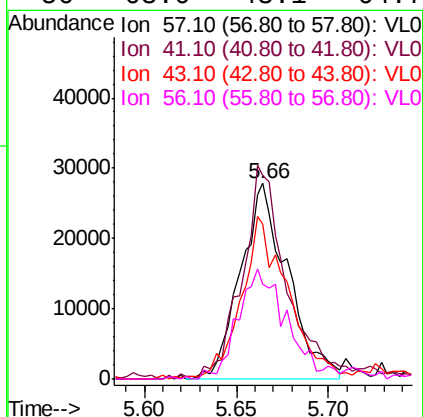
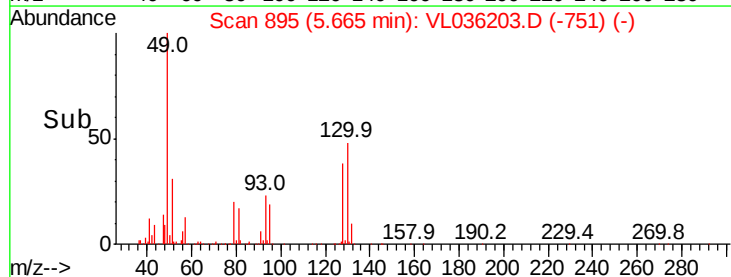
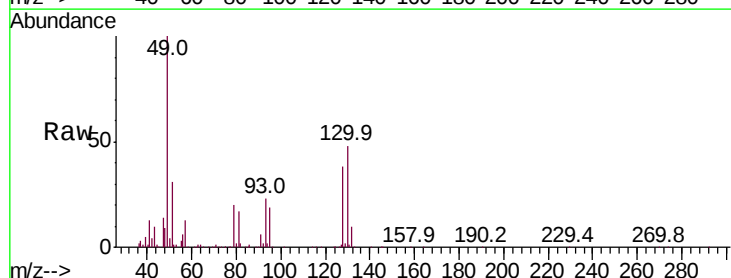
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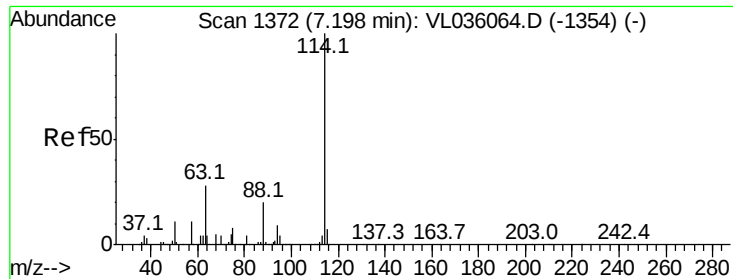
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#26
Hexane
Concen: 0.338 ppbv m
RT: 5.66 min Scan# 895
Delta R.T. -0.04 min
Lab File: VL036203.D
Acq: 23 Dec 2020 22:10

Tgt Ion:	57	Resp:	49565
Ion	Ratio	Lower	Upper
57	100		
41	100.8	82.9	124.3
43	86.9	199.9	299.9#
56	63.0	43.1	64.7





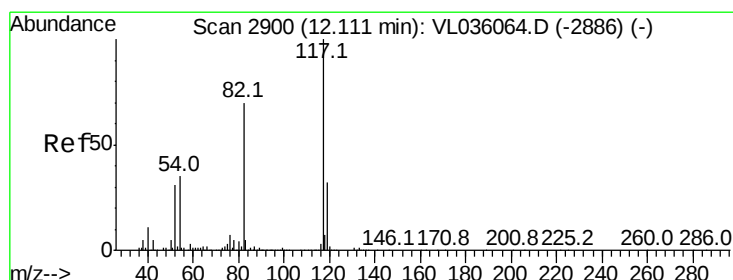
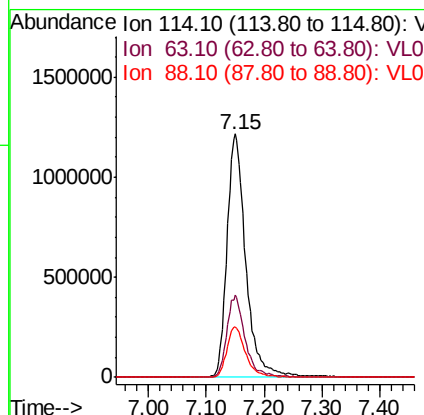
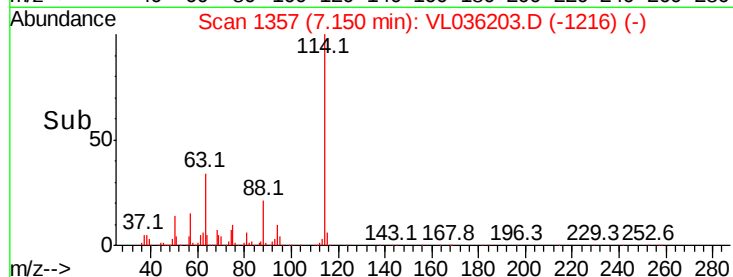
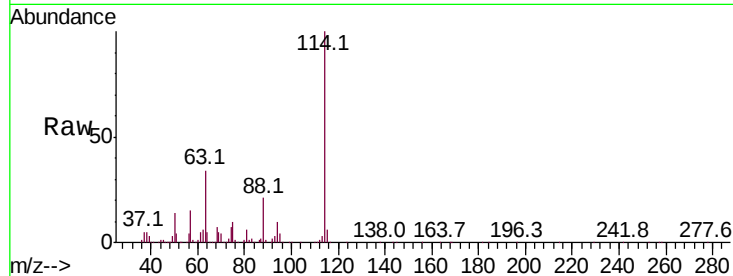
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv m
RT: 7.15 min Scan# 1357
Delta R.T. -0.05 min
Lab File: VL036203.D
Acq: 23 Dec 2020 22:10

Instrument :
MSVOA_L
ClientSampleId :
IIA2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	0.0	23.6	35.4#
88	0.0	15.8	23.6#

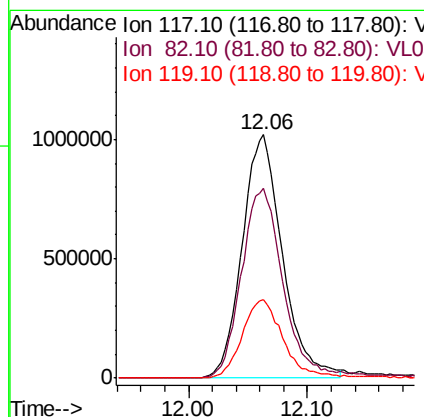
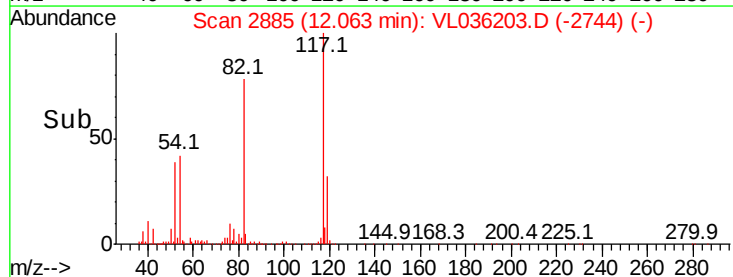
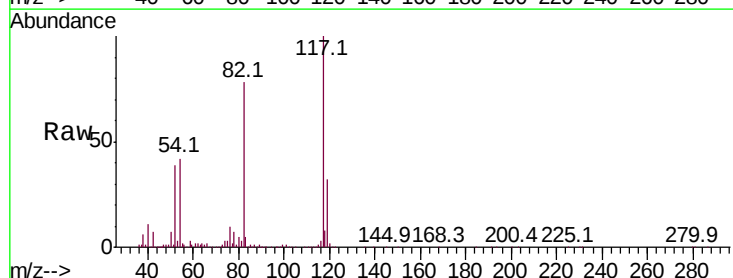
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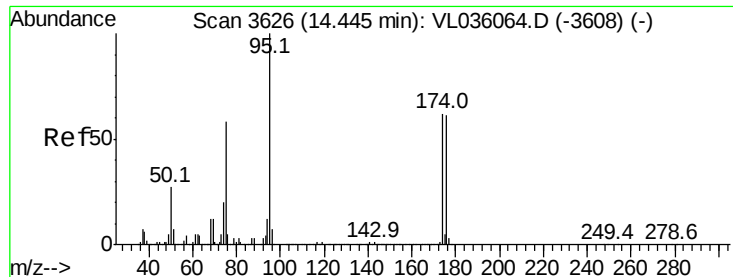
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.05 min
Lab File: VL036203.D
Acq: 23 Dec 2020 22:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	83.1	0.0	0.0#
119	33.5	0.0	0.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.989 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.05 min

Lab File: VL036203.D

Acq: 23 Dec 2020 22:10

Instrument :
MSVOA_L
ClientSampleId :
IIA2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	56.0	50.7	76.1
175	4.0	4.0	6.0

Manual Integrations
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