

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
 Data File : VL036233.D
 Acq On : 13 Jan 2021 20:14
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
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Quant Time: Jan 18 07:05:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1510215	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3256061	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2895860	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2382743	9.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	17304m	0.196	ppbv	
13) Ethanol	3.62	45	47330m	3.413	ppbv	
15) Acetone	3.85	43	215773	1.167	ppbv	94
20) Methylene Chloride	4.35	84	317196	5.373	ppbv	97
26) Hexane	5.69	57	396881	2.567	ppbv #	37

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

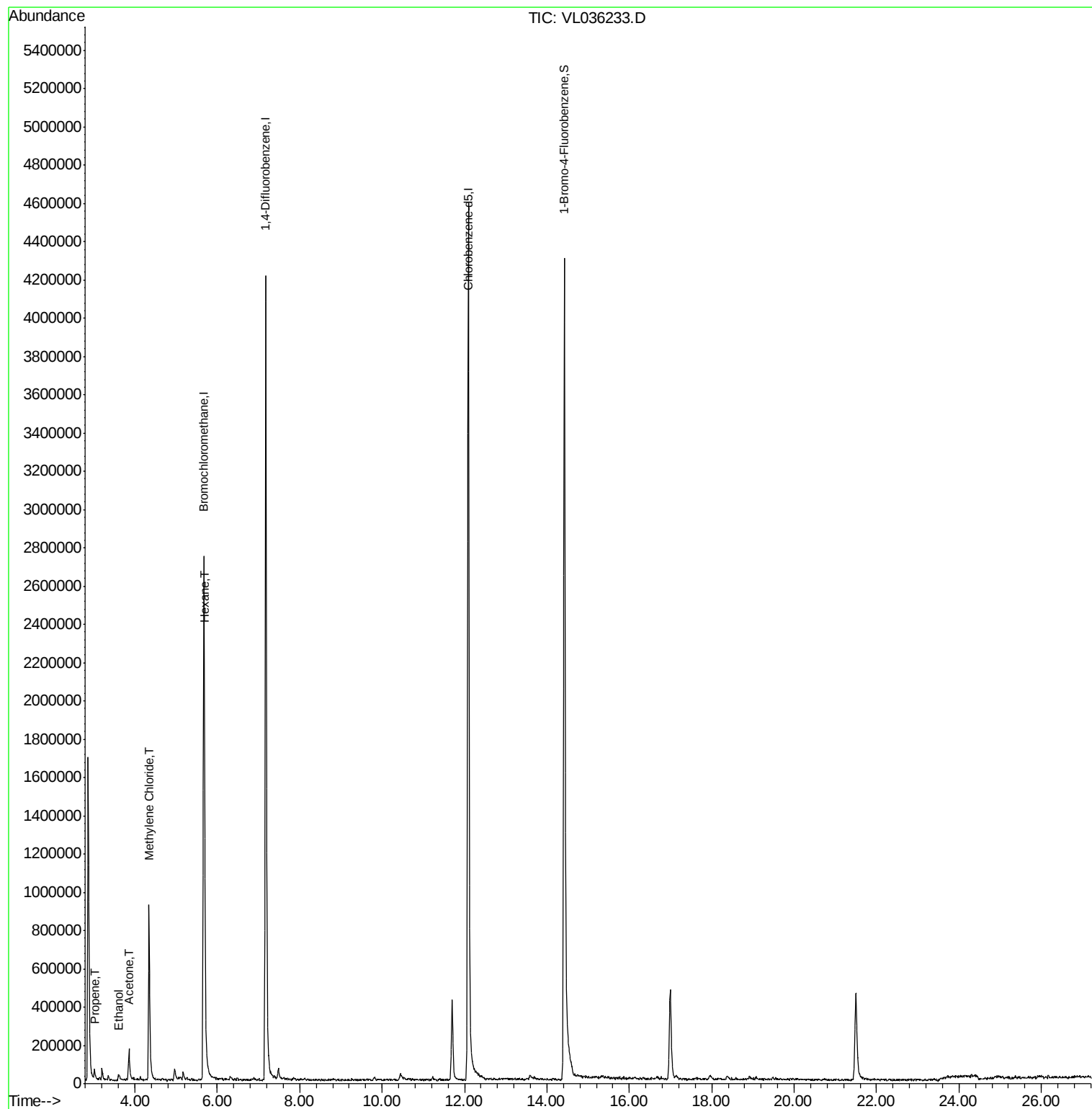
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
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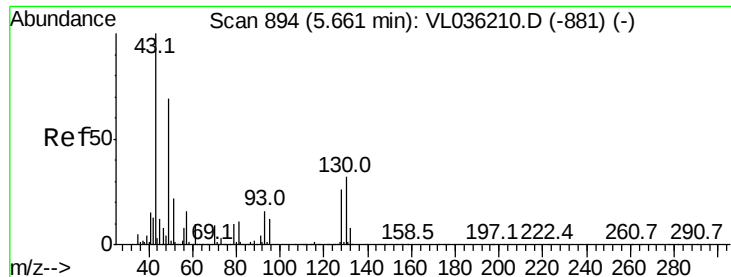
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QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL036233.D

Acq: 13 Jan 2021 20:14

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1510215

Ion Ratio Lower Upper

49 100

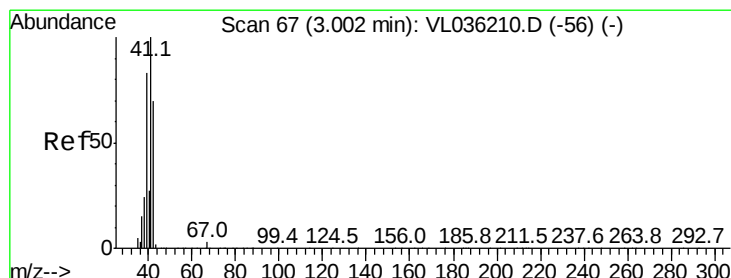
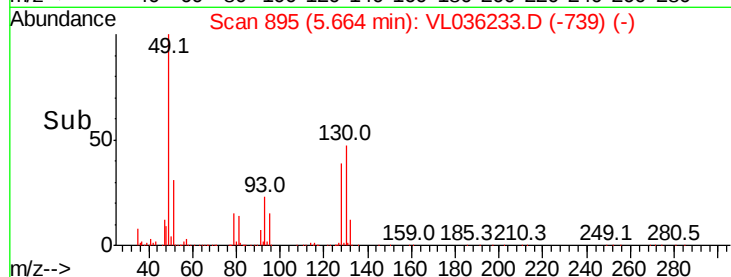
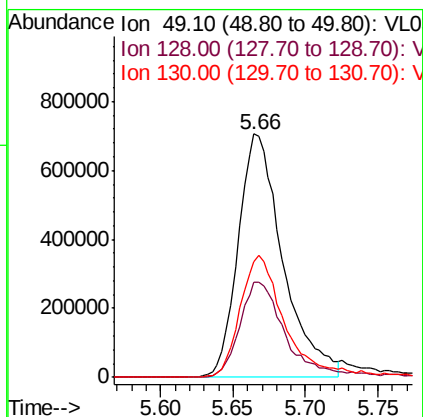
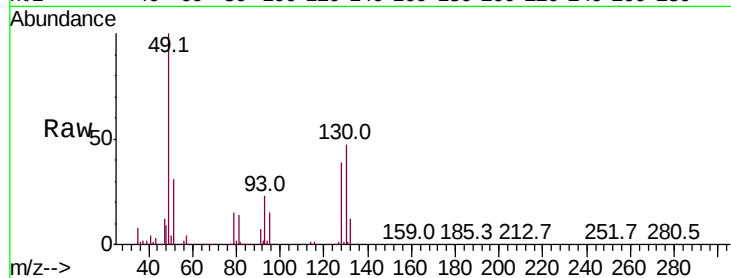
128 41.5 20.1 60.2

130 51.7 25.3 75.9

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#9

Propene

Concen: 0.196 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL036233.D

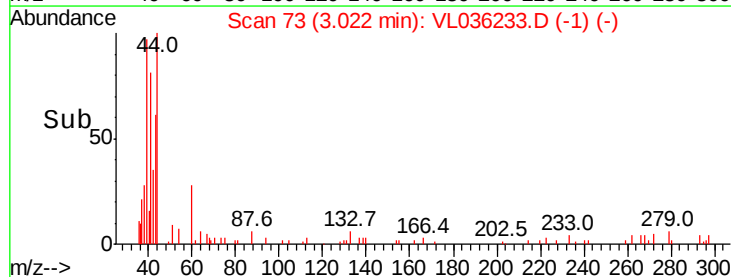
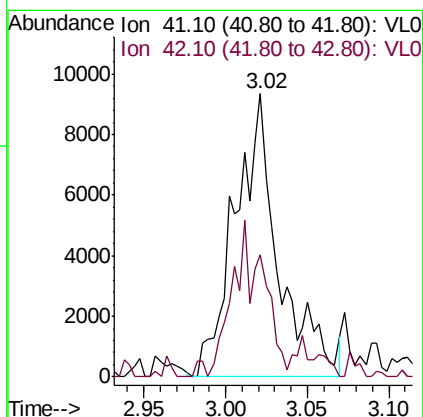
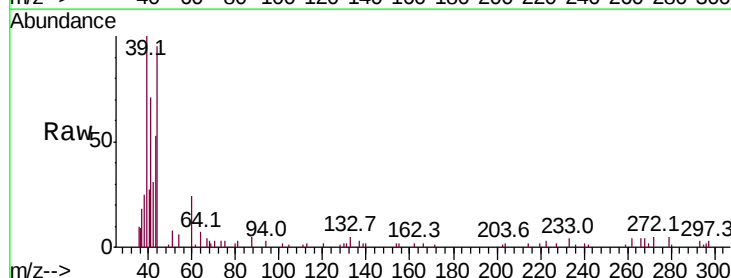
Acq: 13 Jan 2021 20:14

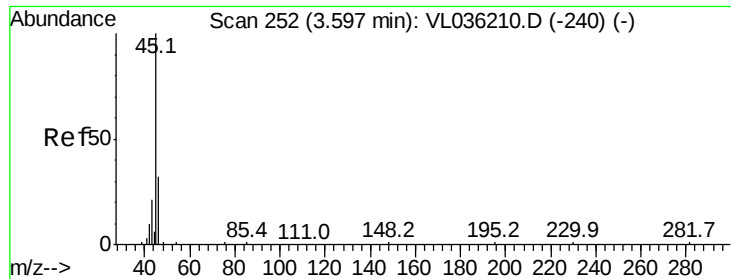
Tgt Ion: 41 Resp: 17304

Ion Ratio Lower Upper

41 100

42 19.2 57.1 85.7#





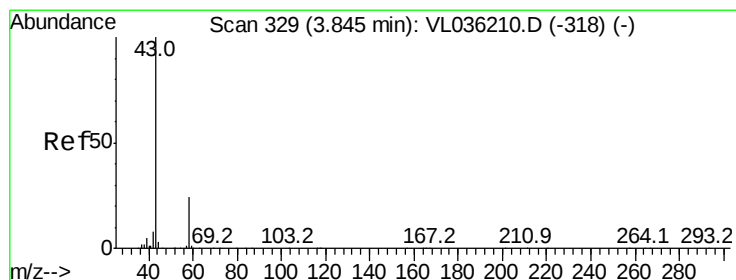
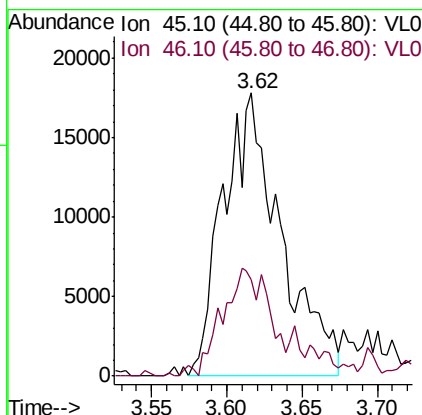
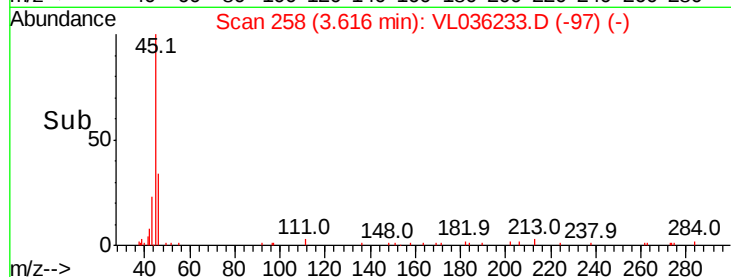
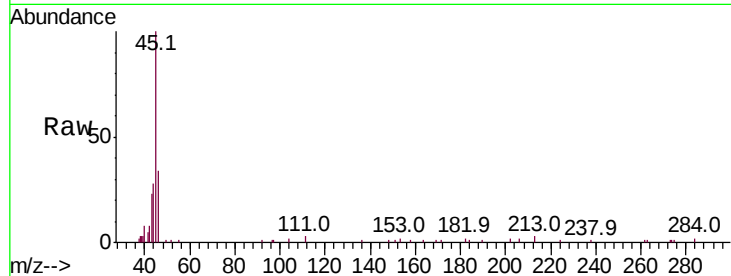
#13
Ethanol
Concen: 3.413 ppbv m
RT: 3.62 min Scan# 258
Delta R.T. 0.02 min
Lab File: VL036233.D
Acq: 13 Jan 2021 20:14

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion: 45 Resp: 47330
Ion Ratio Lower Upper
45 100
46 0.0 19.2 77.0#

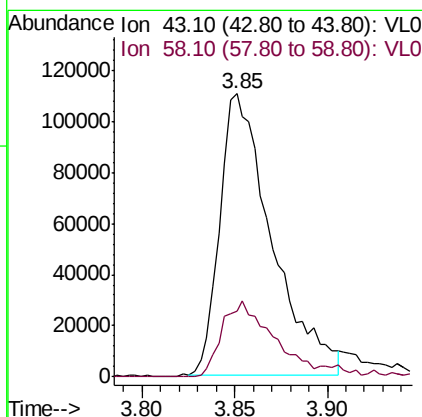
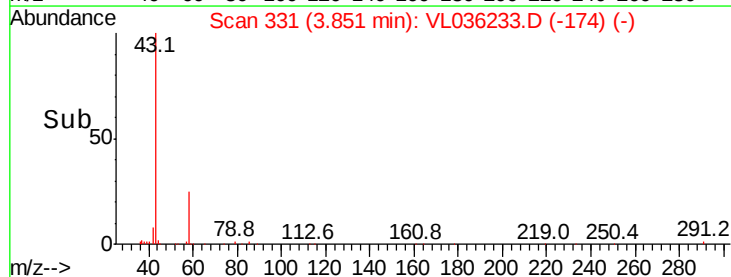
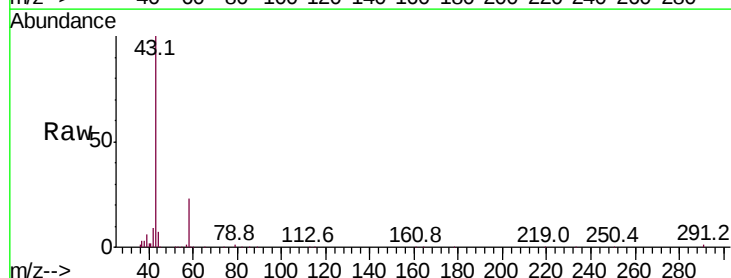
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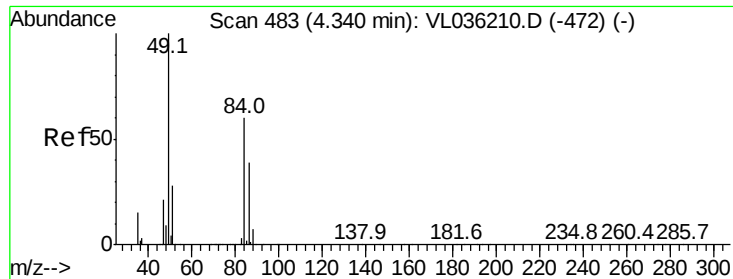
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#15
Acetone
Concen: 1.167 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL036233.D
Acq: 13 Jan 2021 20:14

Tgt Ion: 43 Resp: 215773
Ion Ratio Lower Upper
43 100
58 29.3 20.9 31.3





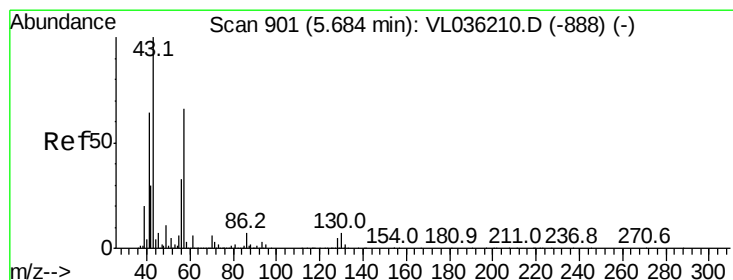
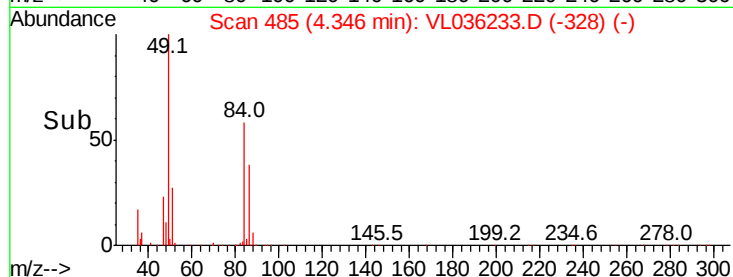
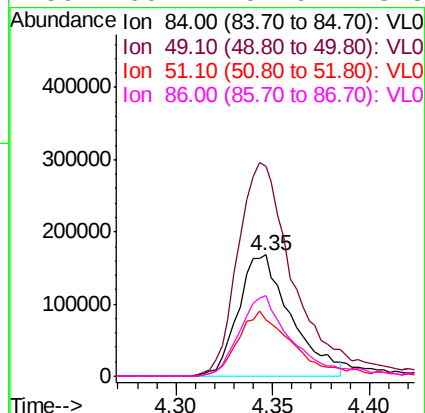
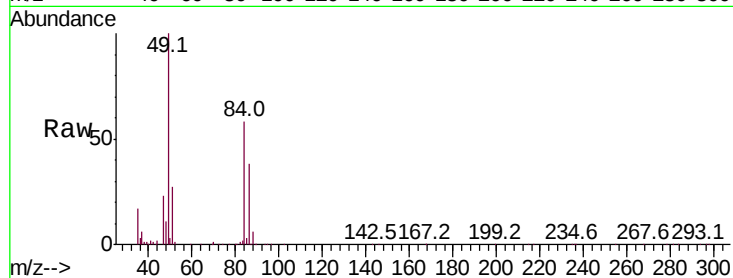
#20
Methvlene Chloride
Concen: 5.373 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL036233.D
Acq: 13 Jan 2021 20:14

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	84	Resp	317196
Ion Ratio	Lower	Upper	
84	100		
49	173.4	134.1	201.1
51	46.5	37.4	56.0
86	66.1	52.6	78.8

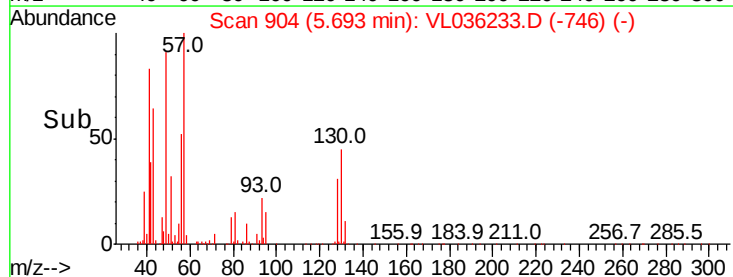
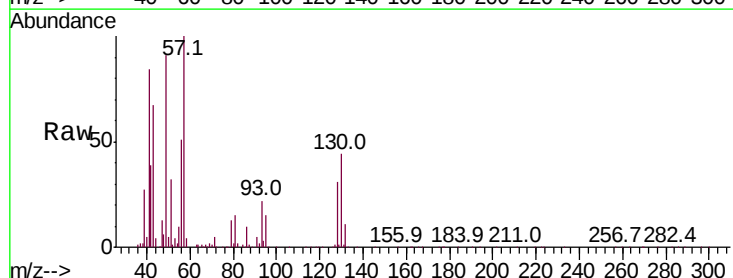
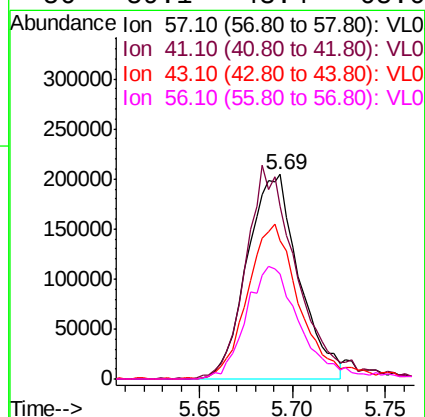
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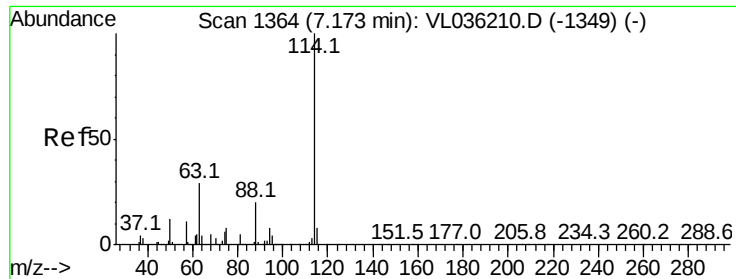
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#26
Hexane
Concen: 2.567 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036233.D
Acq: 13 Jan 2021 20:14

Tgt Ion	57	Resp	396881
Ion Ratio	Lower	Upper	
57	100		
41	106.1	83.0	124.6
43	77.9	202.4	303.6#
56	59.1	43.4	65.0





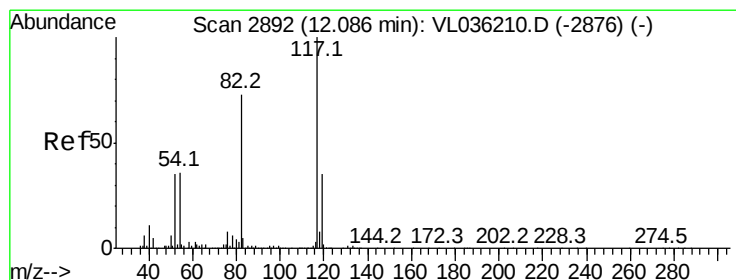
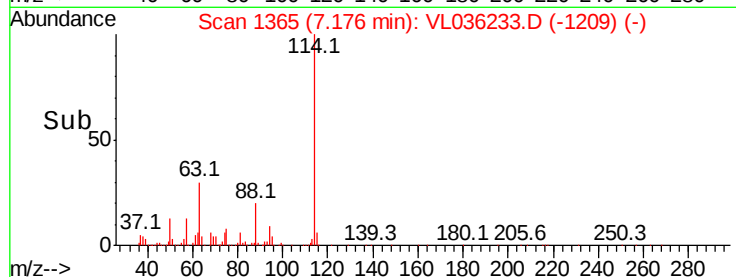
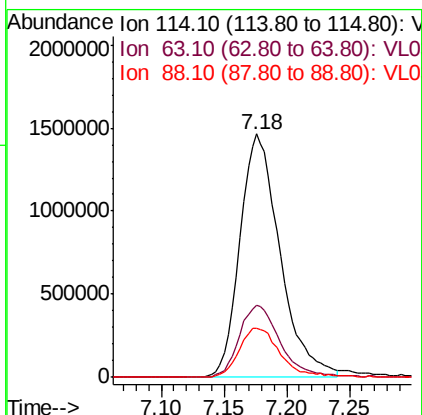
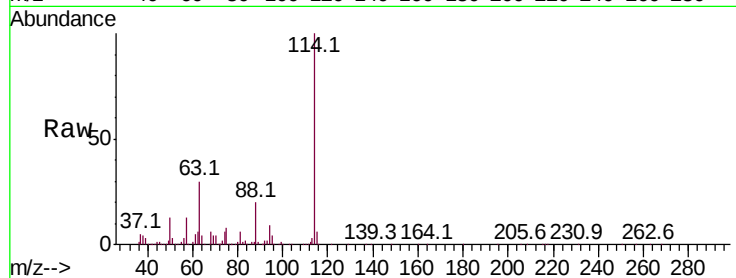
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VL036233.D
 Acq: 13 Jan 2021 20:14

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

Tot Ion:	114	Resp:	3256061
Ion	Ratio	Lower	Upper
114	100		
63	30.7	24.7	37.1
88	21.0	16.6	24.8

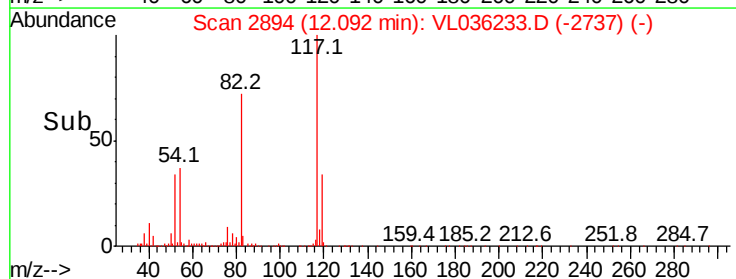
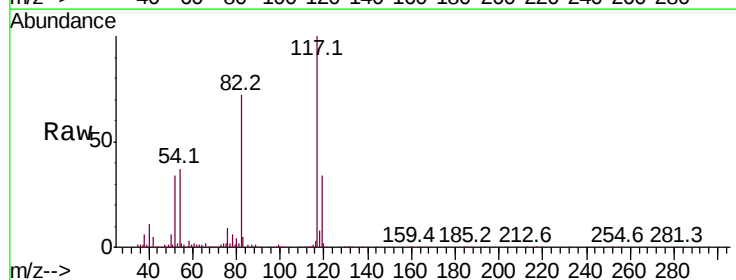
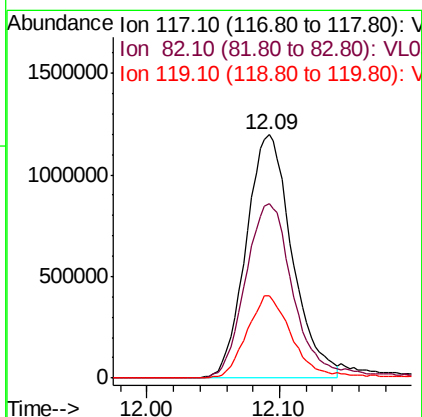
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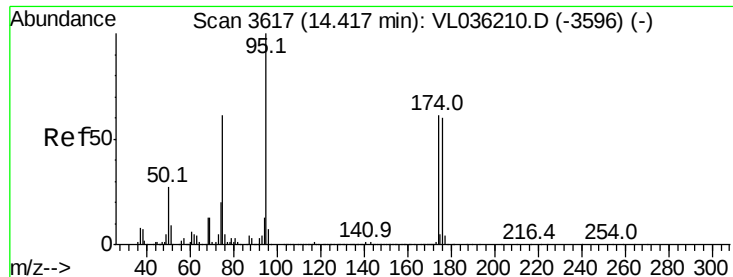
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2894
 Delta R.T. 0.01 min
 Lab File: VL036233.D
 Acq: 13 Jan 2021 20:14

Tgt Ion:	117	Resp:	2895860
Ion	Ratio	Lower	Upper
117	100		
82	77.5	59.7	89.5
119	33.9	28.6	43.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.941 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.01 min

Lab File: VL036233.D

Acq: 13 Jan 2021 20:14

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 95 Resp: 2382743

Ion Ratio Lower Upper

95 100

174 65.1 49.4 74.0

175 4.9 3.8 5.8

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