

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
 Data File : VL036236.D
 Acq On : 13 Jan 2021 22:21
 Operator : SY/AP
 Sample : M1070-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
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Quant Time: Jan 13 23:30:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jan 13
 QLast Update : Wed Jan 13 07:53:51 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1589665	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3313698	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3004039	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2633067m	10.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	16675	0.177	ppbv	87
13) Ethanol	3.62	45	46758m	2.369	ppbv	
15) Acetone	3.86	43	96394	0.511	ppbv #	50
20) Methylene Chloride	4.35	84	52555	0.909	ppbv #	90
26) Hexane	5.69	57	59937m	0.373	ppbv	

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

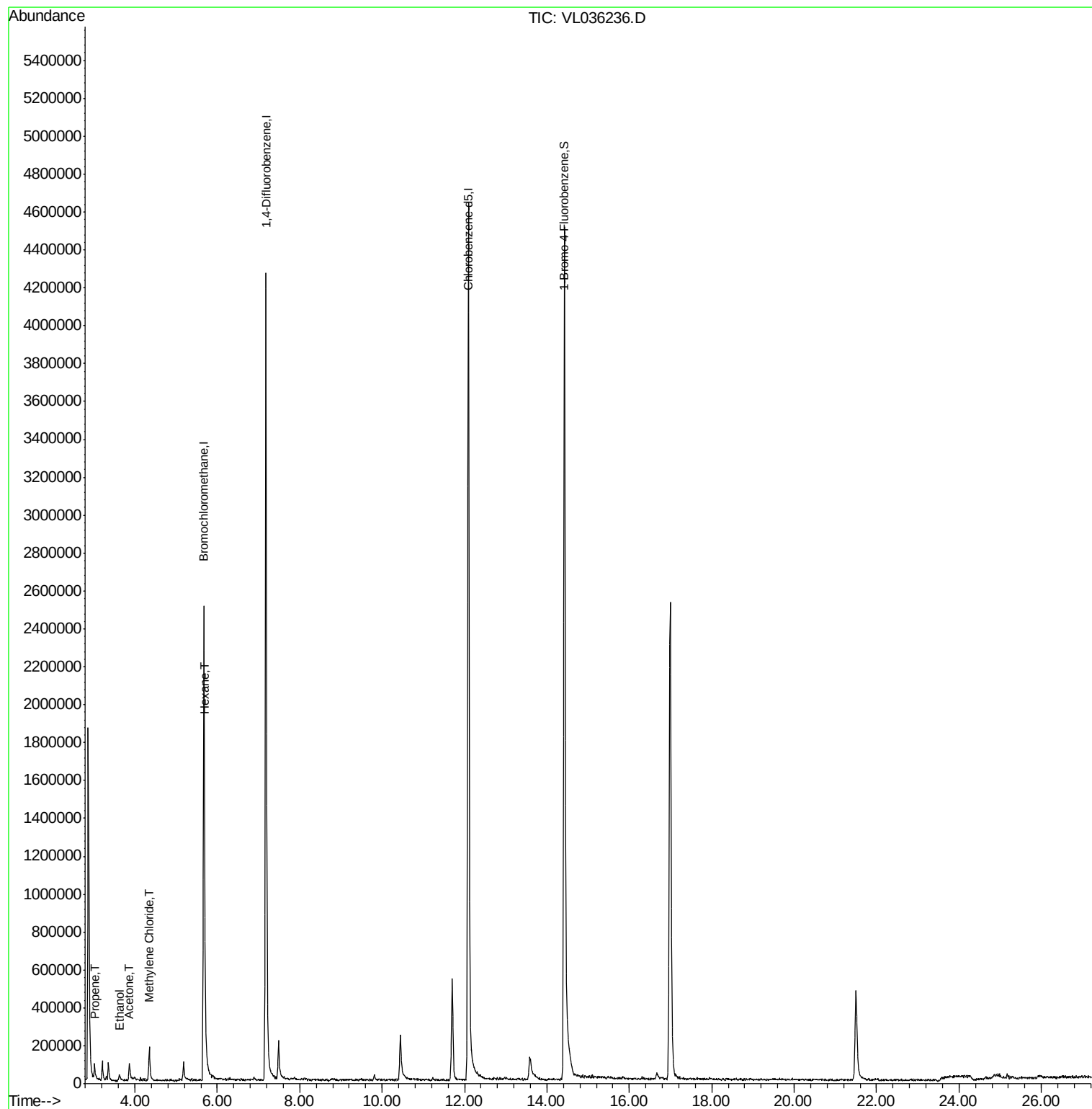
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL011321\
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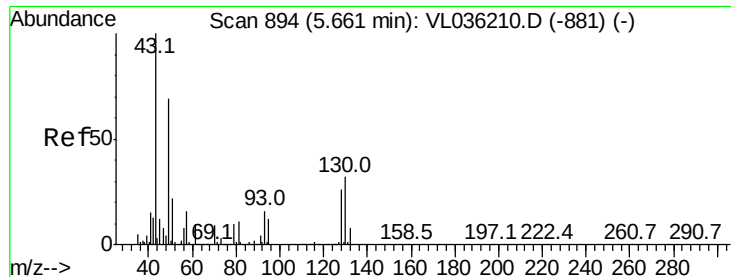
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Jan 13 23:30:41 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jan
QLast Update : Wed Jan 13 07:53:51 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.01 min

Lab File: VL036236.D

Acq: 13 Jan 2021 22:21

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tot Ion: 49 Resp: 1589665

Ion Ratio Lower Upper

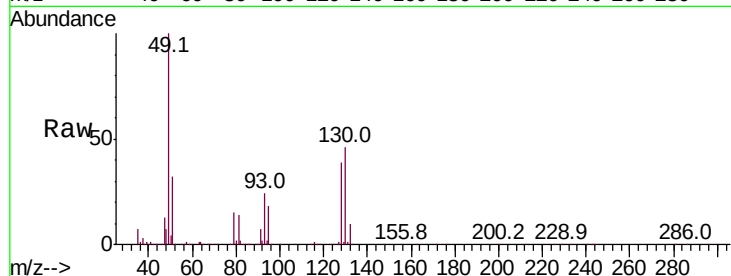
49 100

128 40.2 20.1 60.2

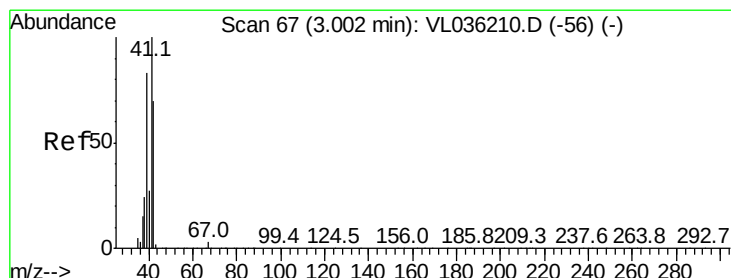
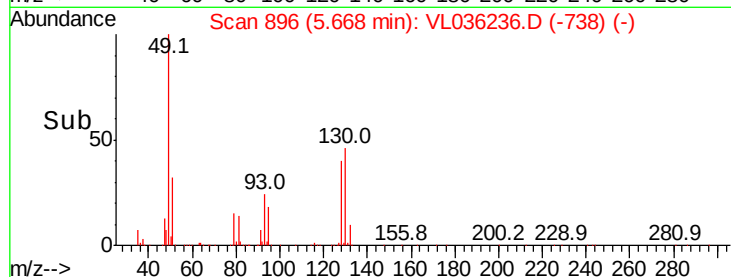
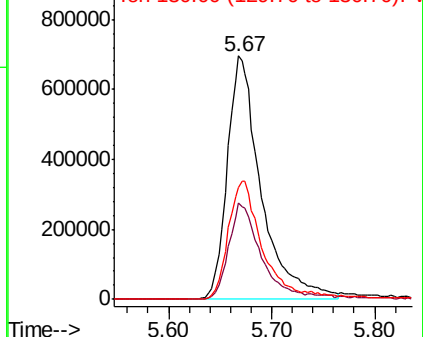
130 51.0 25.3 75.9

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Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.177 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL036236.D

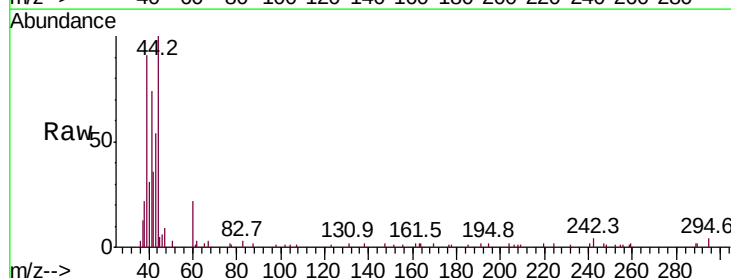
Acq: 13 Jan 2021 22:21

Tgt Ion: 41 Resp: 16675

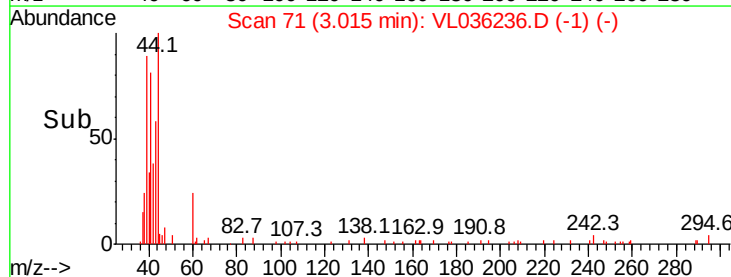
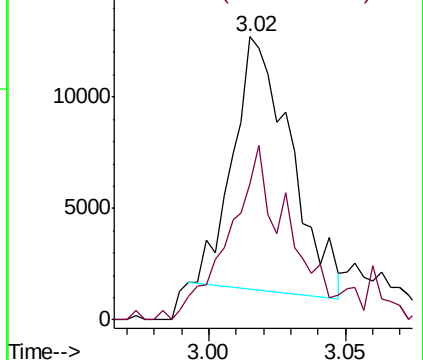
Ion Ratio Lower Upper

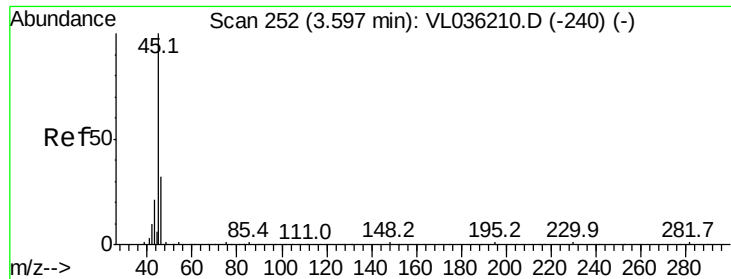
41 100

42 81.9 57.1 85.7



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0





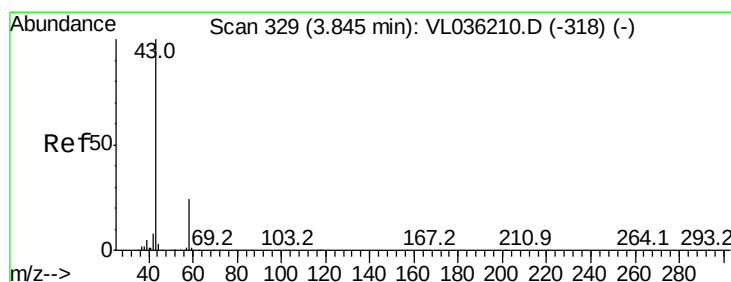
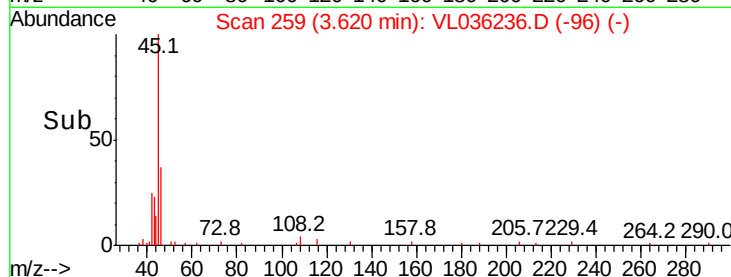
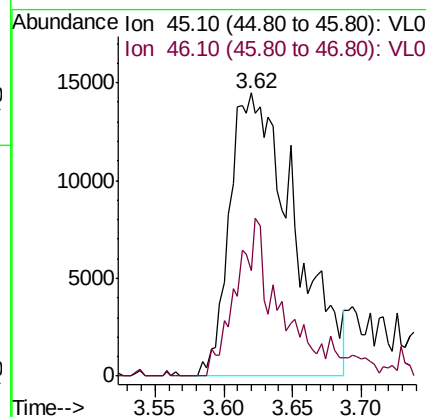
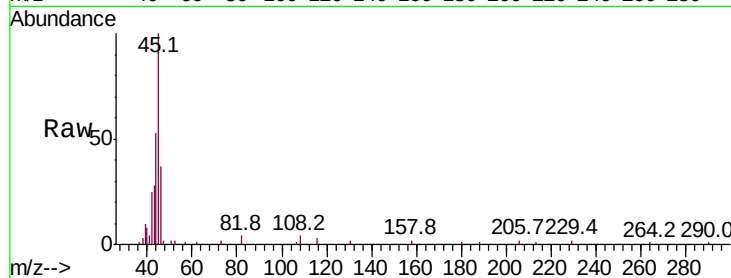
#13
Ethanol
Concen: 2.369 ppbv m
RT: 3.62 min Scan# 259
Delta R.T. 0.02 min
Lab File: VL036236.D
Acq: 13 Jan 2021 22:21

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

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

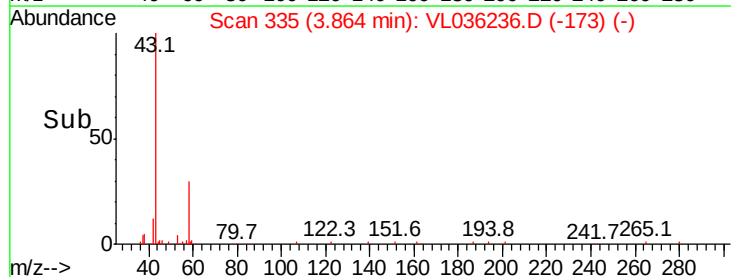
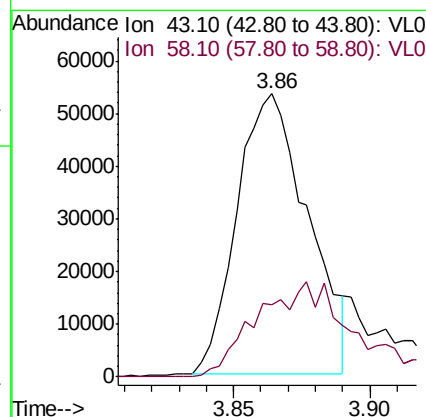
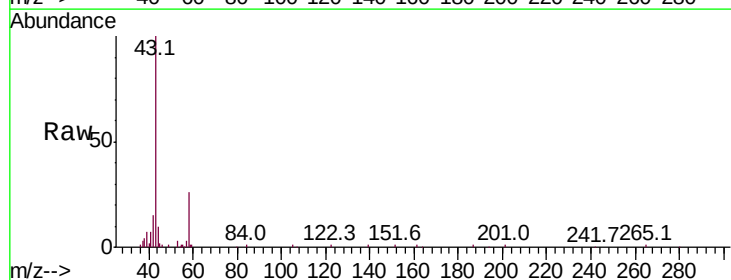
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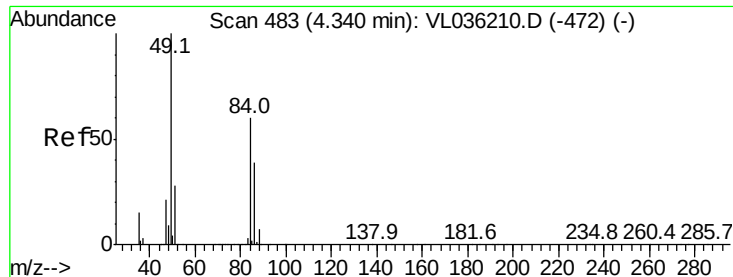
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#15
Acetone
Concen: 0.511 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.02 min
Lab File: VL036236.D
Acq: 13 Jan 2021 22:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.7	20.9	31.3#





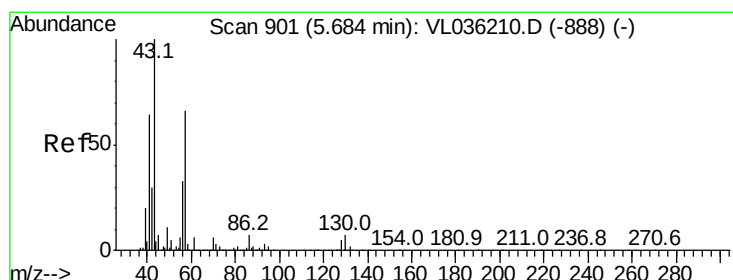
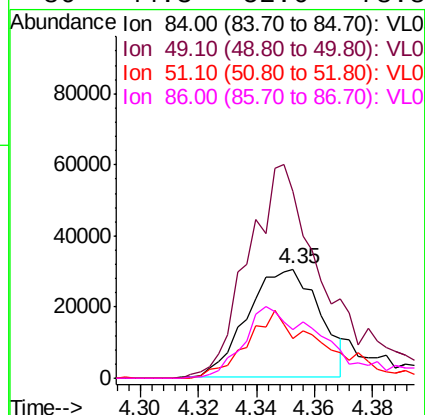
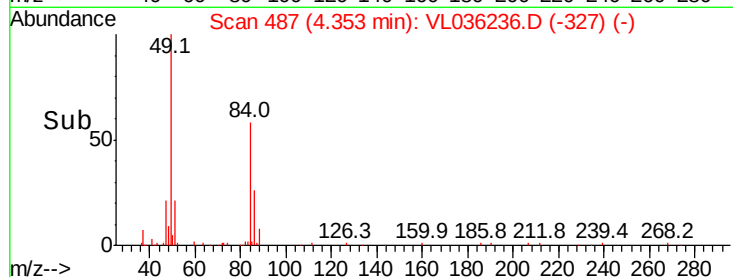
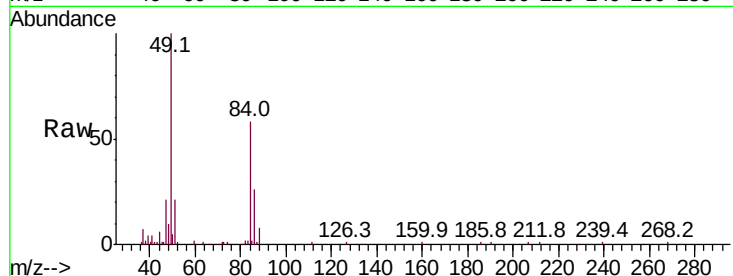
#20
Methvlene Chloride
Concen: 0.909 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036236.D
Acq: 13 Jan 2021 22:21

Instrument :
MSVOA_L
ClientSampled :
IA1DL

Tot Ion	Ratio	Lower	Upper
84	100		
49	169.7	134.1	201.1
51	37.1	37.4	56.0#
86	44.3	52.6	78.8#

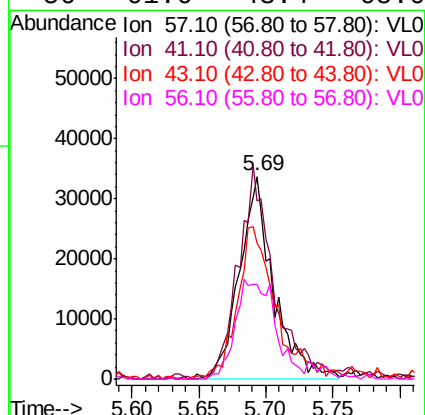
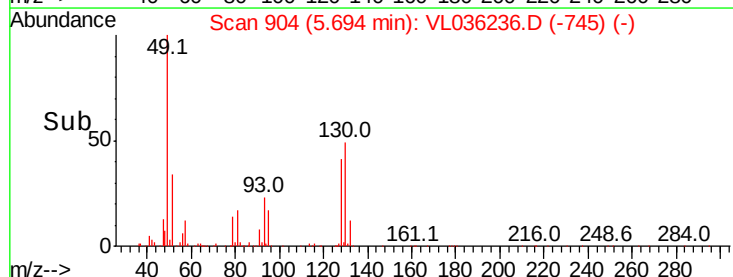
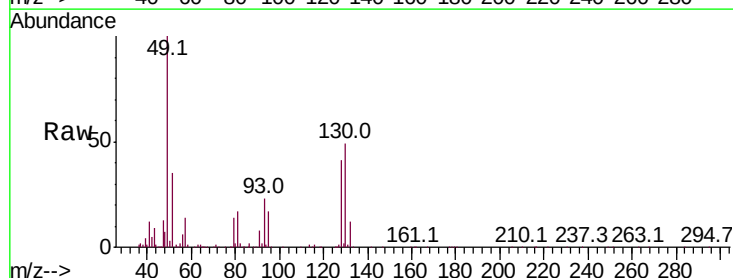
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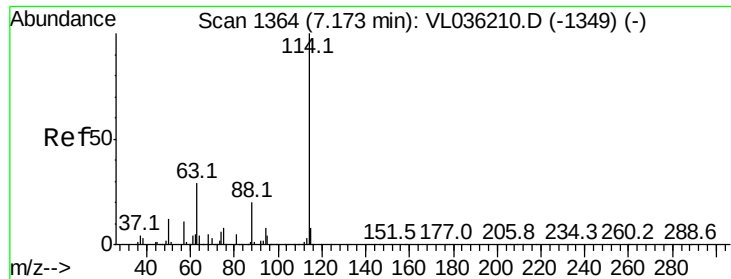
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#26
Hexane
Concen: 0.373 ppbv m
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036236.D
Acq: 13 Jan 2021 22:21

Tgt Ion	Ratio	Lower	Upper
57	100		
41	112.4	83.0	124.6
43	87.9	202.4	303.6#
56	61.6	43.4	65.0





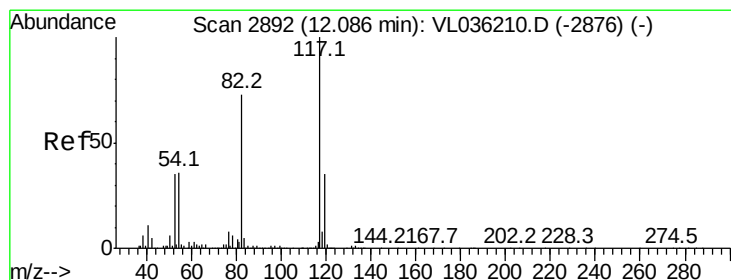
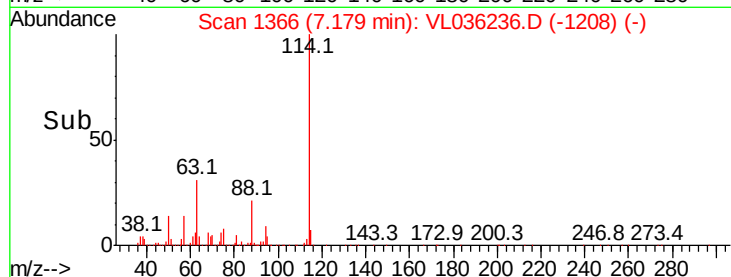
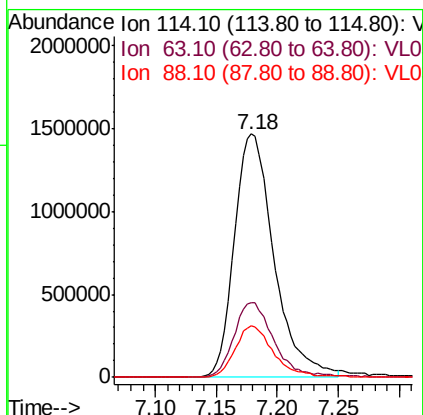
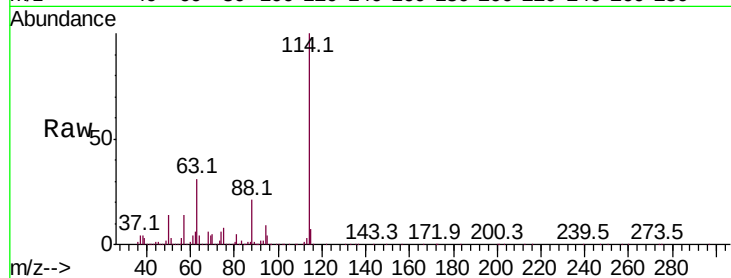
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VL036236.D
 Acq: 13 Jan 2021 22:21

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	31.4	24.7	37.1
88	20.7	16.6	24.8

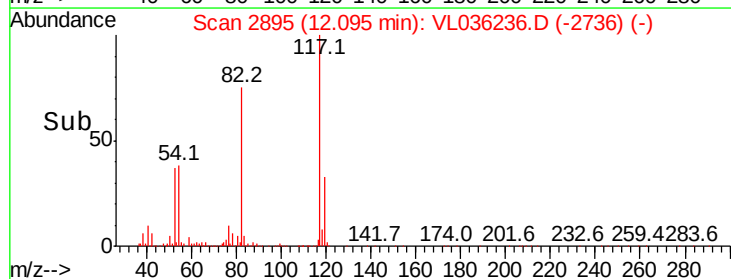
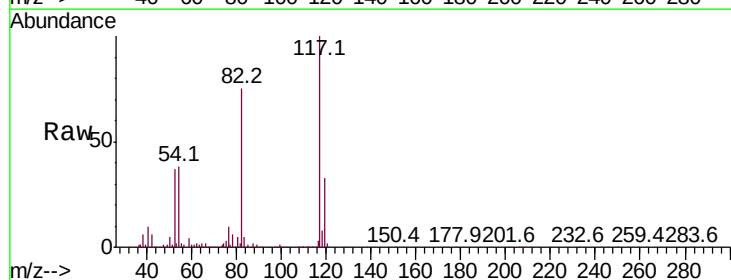
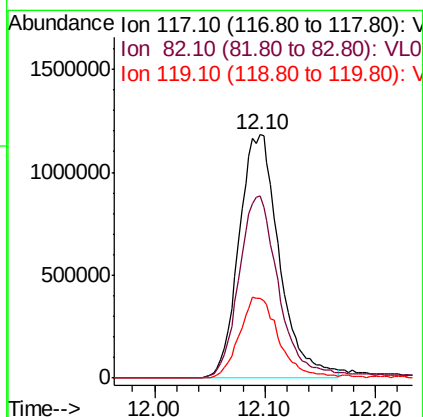
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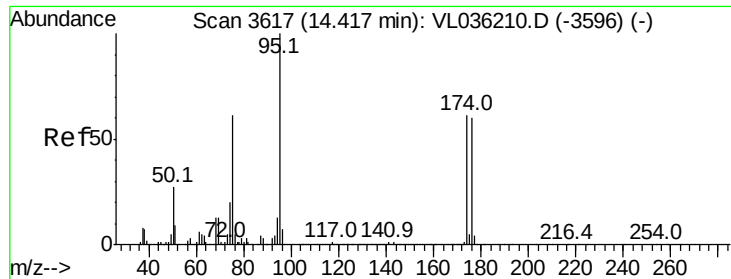
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2895
 Delta R.T. 0.01 min
 Lab File: VL036236.D
 Acq: 13 Jan 2021 22:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	77.5	59.7	89.5
119	33.4	28.6	43.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.589 ppbv m
 RT: 14.42 min Scan# 3619
 Delta R.T. 0.01 min
 Lab File: VL036236.D
 Acq: 13 Jan 2021 22:21

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Tot Ion: 95 Resp: 2633067
 Ion Ratio Lower Upper
 95 100
 174 59.7 49.4 74.0
 175 4.4 3.8 5.8

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