

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
 Data File : VL036224.D
 Acq On : 13 Jan 2021 13:52
 Operator : SY/AP
 Sample : M1066-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0121-SS1DL

Manual Integrations
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Quant Time: Jan 15 08:39:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu 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	5.67	49	1546320	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3198043	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2916823	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2479503	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	16443m	0.182	ppbv	
13) Ethanol	3.61	45	39699m	2.796	ppbv	
15) Acetone	3.86	43	137416	0.726	ppbv #	80
20) Methylene Chloride	4.34	84	437586	7.240	ppbv	95
26) Hexane	5.69	57	504472	3.187	ppbv #	38

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

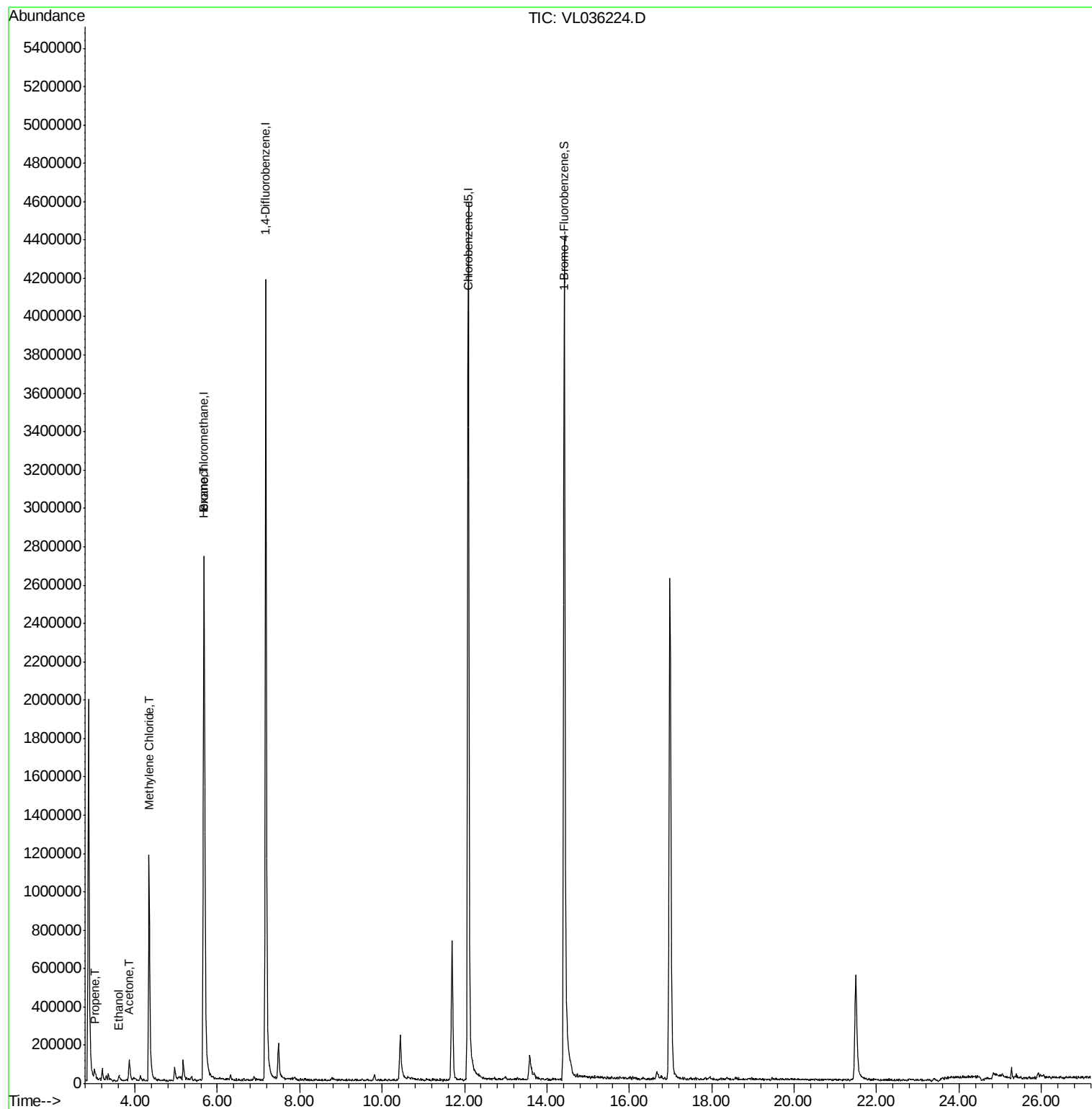
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
Data File : VL036224.D
Acq On : 13 Jan 2021 13:52
Operator : SY/AP
Sample : M1066-05DL 10X
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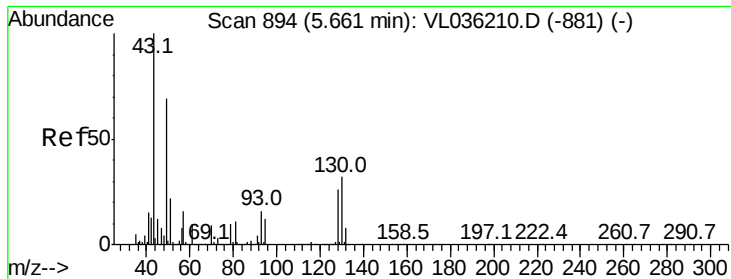
Instrument :
MSVOA_L
ClientSampleId :
0121-SS1DL

Manual Integrations
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Quant Time: Jan 15 08:39:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1

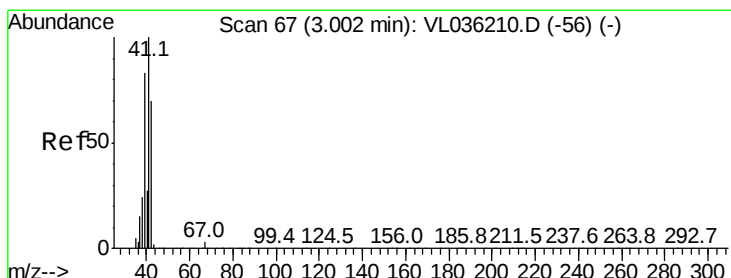
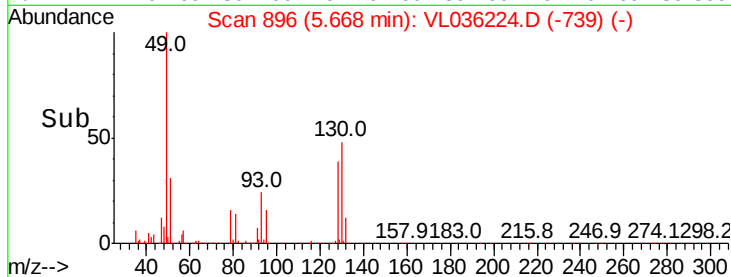
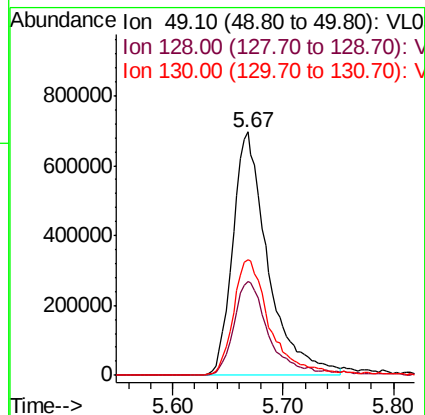
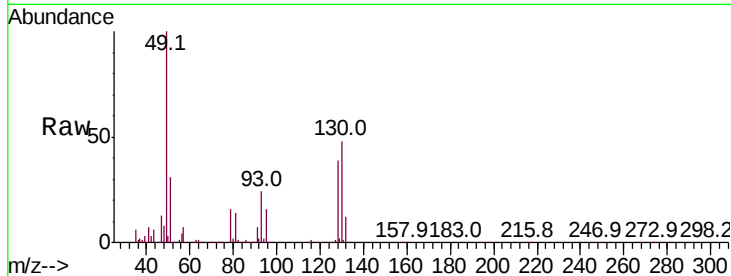
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.01 min
Lab File: VL036224.D
Acq: 13 Jan 2021 13:52

Instrument :
MSVOA_L
ClientSampleId :
0121-SS1DL

Tot Ion: 49 Resp: 1546320
Ion Ratio Lower Upper
49 100
128 40.2 20.1 60.2
130 50.6 25.3 75.9

Manual Integrations
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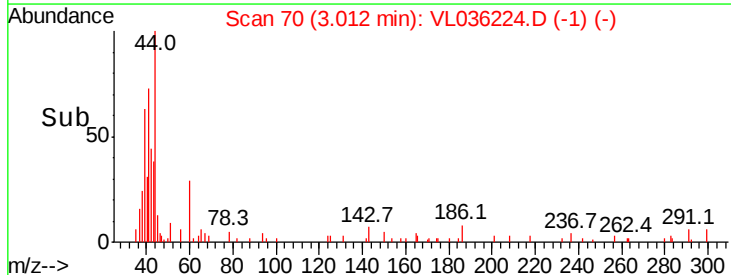
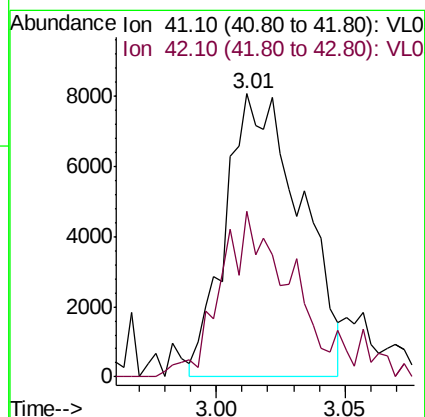
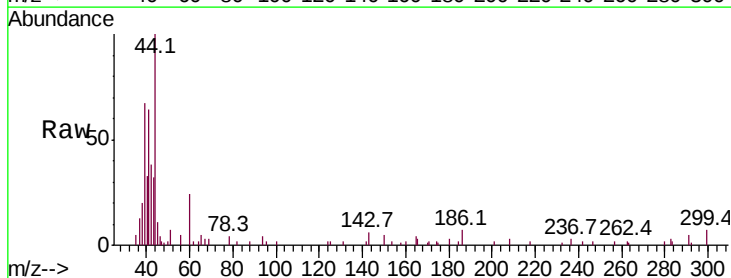
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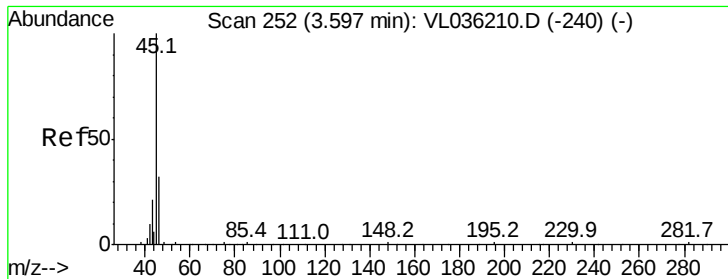


#9

Propene
Concen: 0.182 ppbv m
RT: 3.01 min Scan# 70
Delta R.T. 0.01 min
Lab File: VL036224.D
Acq: 13 Jan 2021 13:52

Tgt Ion: 41 Resp: 16443
Ion Ratio Lower Upper
41 100
42 34.7 57.1 85.7#





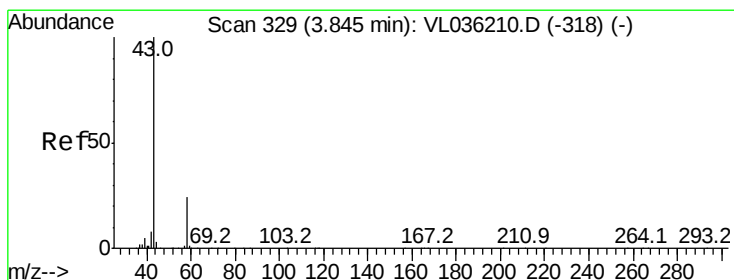
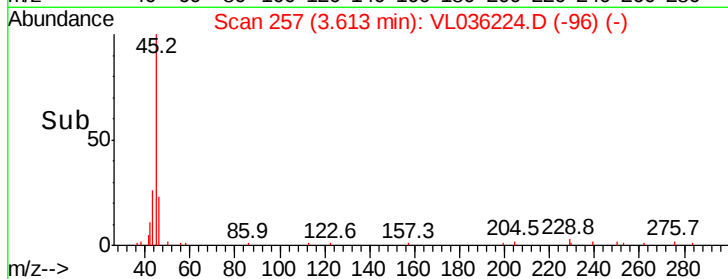
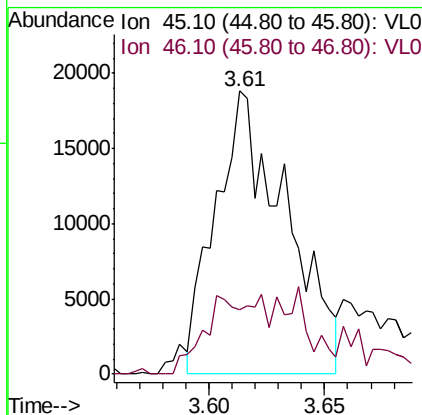
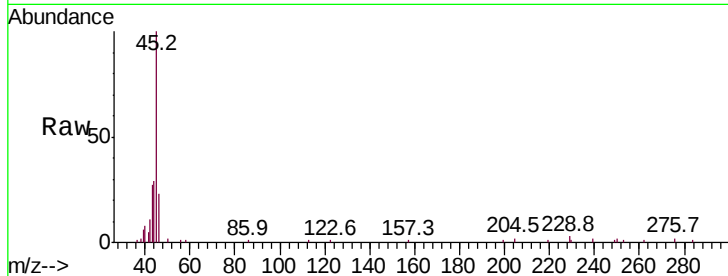
#13
Ethanol
Concen: 2.796 ppbv m
RT: 3.61 min Scan# 257
Delta R.T. 0.02 min
Lab File: VL036224.D
Acq: 13 Jan 2021 13:52

Instrument :
MSVOA_L
ClientSampleId :
0121-SS1DL

Tot Ion: 45 Resp: 39699
Ion Ratio Lower Upper
45 100
46 0.0 19.2 77.0#

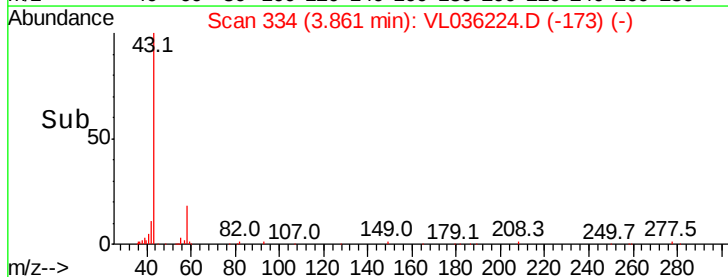
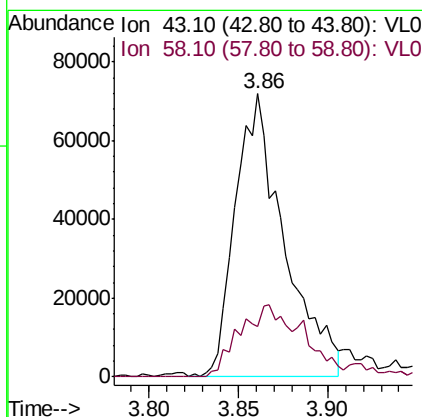
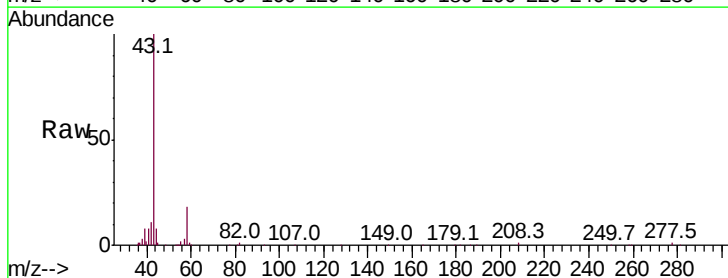
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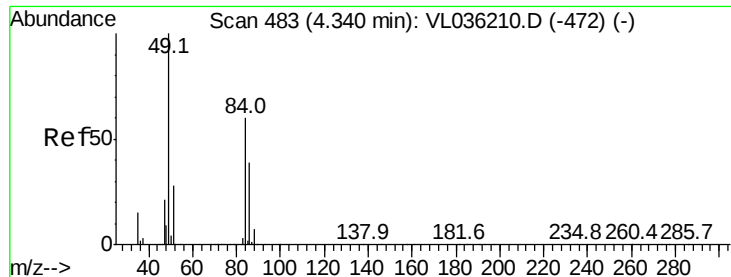
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#15
Acetone
Concen: 0.726 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.02 min
Lab File: VL036224.D
Acq: 13 Jan 2021 13:52

Tgt Ion: 43 Resp: 137416
Ion Ratio Lower Upper
43 100
58 36.6 20.9 31.3#





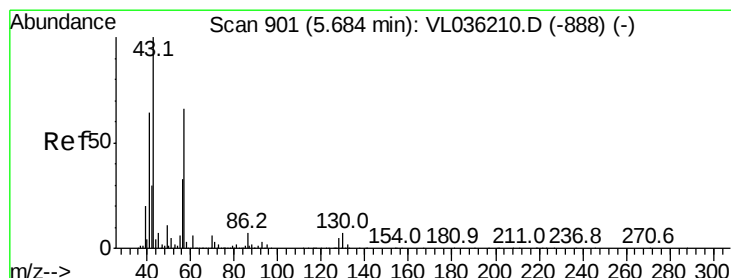
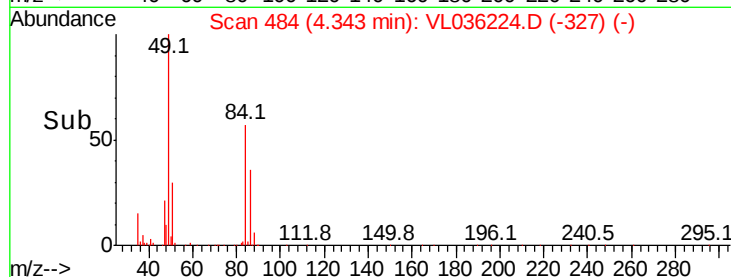
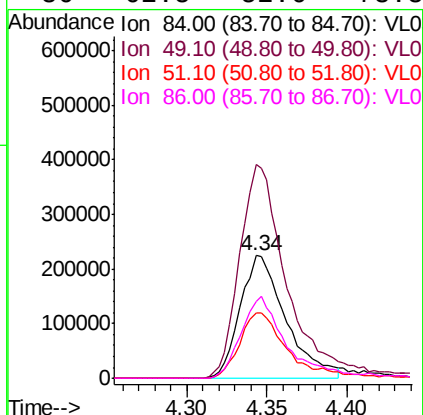
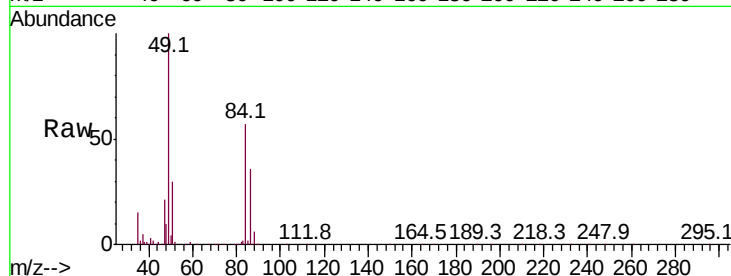
#20
Methvlene Chloride
Concen: 7.240 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL036224.D
Acq: 13 Jan 2021 13:52

Instrument :
MSVOA_L
ClientSampleId :
0121-SS1DL

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	173.9	134.1	201.1	
51	52.9	37.4	56.0	
86	62.5	52.6	78.8	

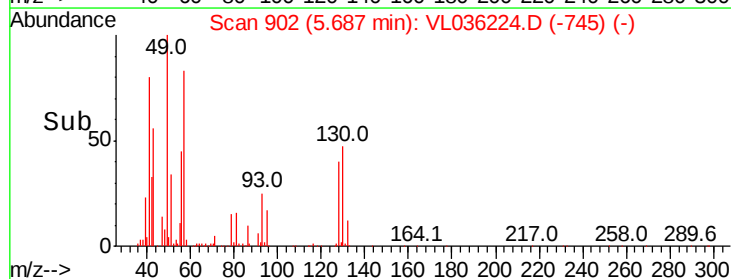
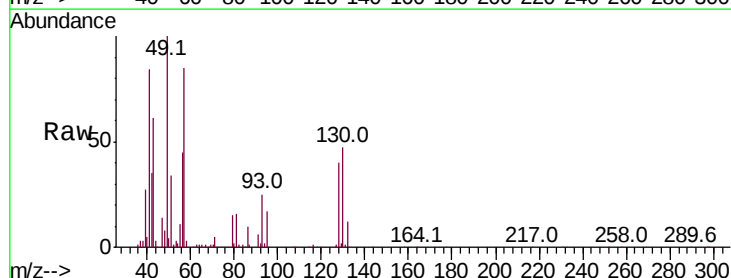
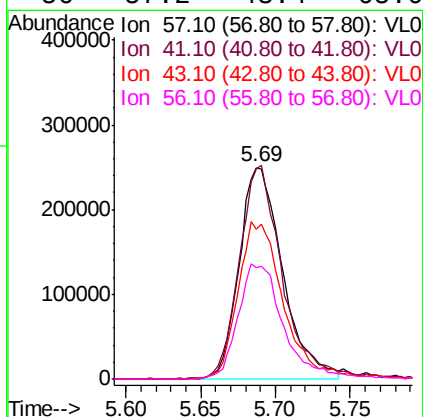
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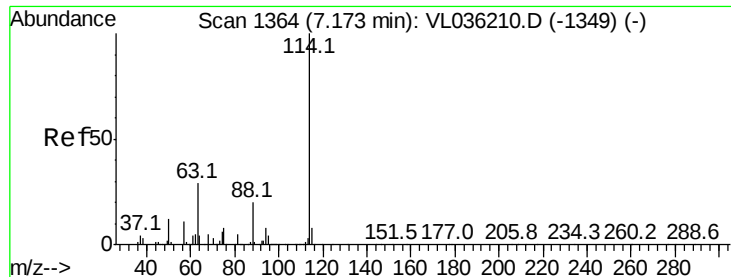
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#26
Hexane
Concen: 3.187 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL036224.D
Acq: 13 Jan 2021 13:52

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	102.5	83.0	124.6	
43	79.0	202.4	303.6	
56	57.2	43.4	65.0	





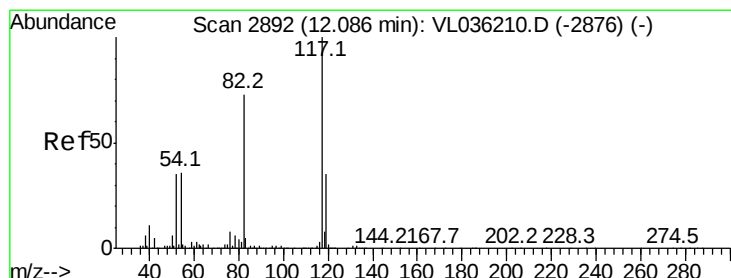
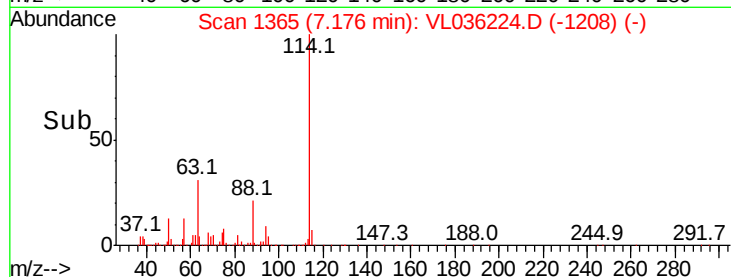
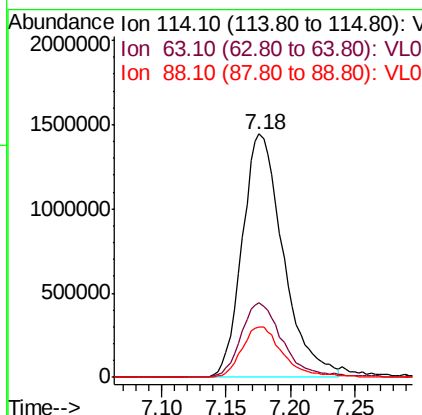
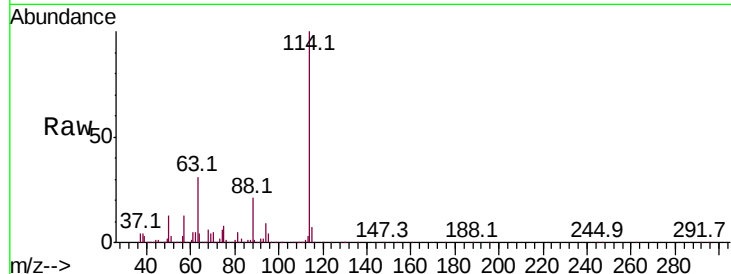
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VL036224.D
 Acq: 13 Jan 2021 13:52

Instrument :
 MSVOA_L
 ClientSampleId :
 0121-SS1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	31.6	24.7	37.1
88	21.0	16.6	24.8

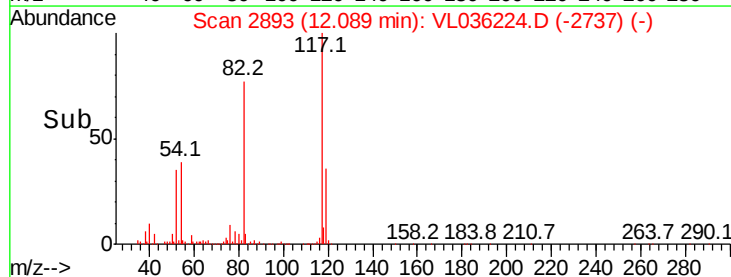
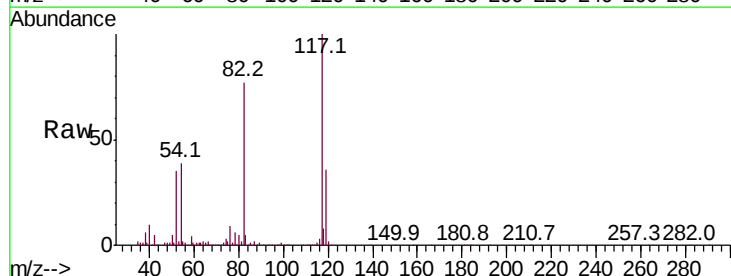
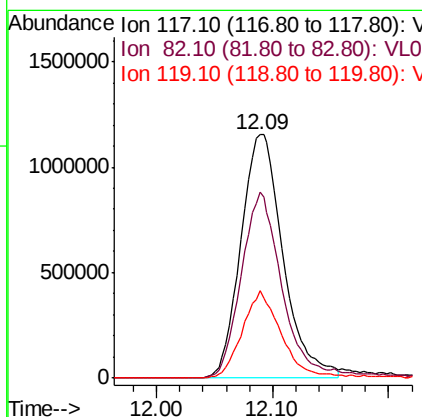
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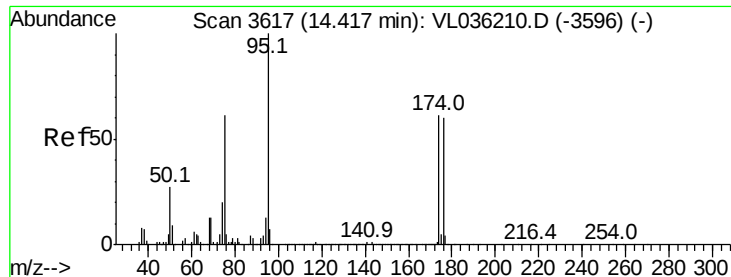
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T. 0.00 min
 Lab File: VL036224.D
 Acq: 13 Jan 2021 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	76.4	59.7	89.5
119	33.8	28.6	43.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.270 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.00 min

Lab File: VL036224.D

Acq: 13 Jan 2021 13:52

Instrument :

MSVOA_L

ClientSampleId :

0121-SS1DL

Tot Ion: 95 Resp: 2479503

Ion Ratio Lower Upper

95 100

174 61.0 49.4 74.0

175 4.5 3.8 5.8

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