

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035820.D
 Acq On : 4 Nov 2020 1:51
 Operator : SY/AP
 Sample : L4610-01 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
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 11/5/2020 2:14:32 PM

Quant Time: Nov 04 06:06:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 06:06:03 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1161535	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	5126896	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4731376	10.00	ppbv	-0.04

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.39	95	3385111	10.07	ppbv	-0.04	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	10446m	0.205	ppbv	
13) Ethanol	3.60	45	11246m	1.018	ppbv	
15) Acetone	3.84	43	130576	1.052	ppbv #	84
20) Methylene Chloride	4.32	84	75455	0.863	ppbv	94
26) Hexane	5.66	57	47358	0.351	ppbv #	47
52) Tetrachloroethene	11.19	164	9838m	0.054	ppbv	
53) Toluene	9.78	91	66009	0.144	ppbv	96
59) m/p-Xylene	12.94	91	77171m	0.158	ppbv	

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

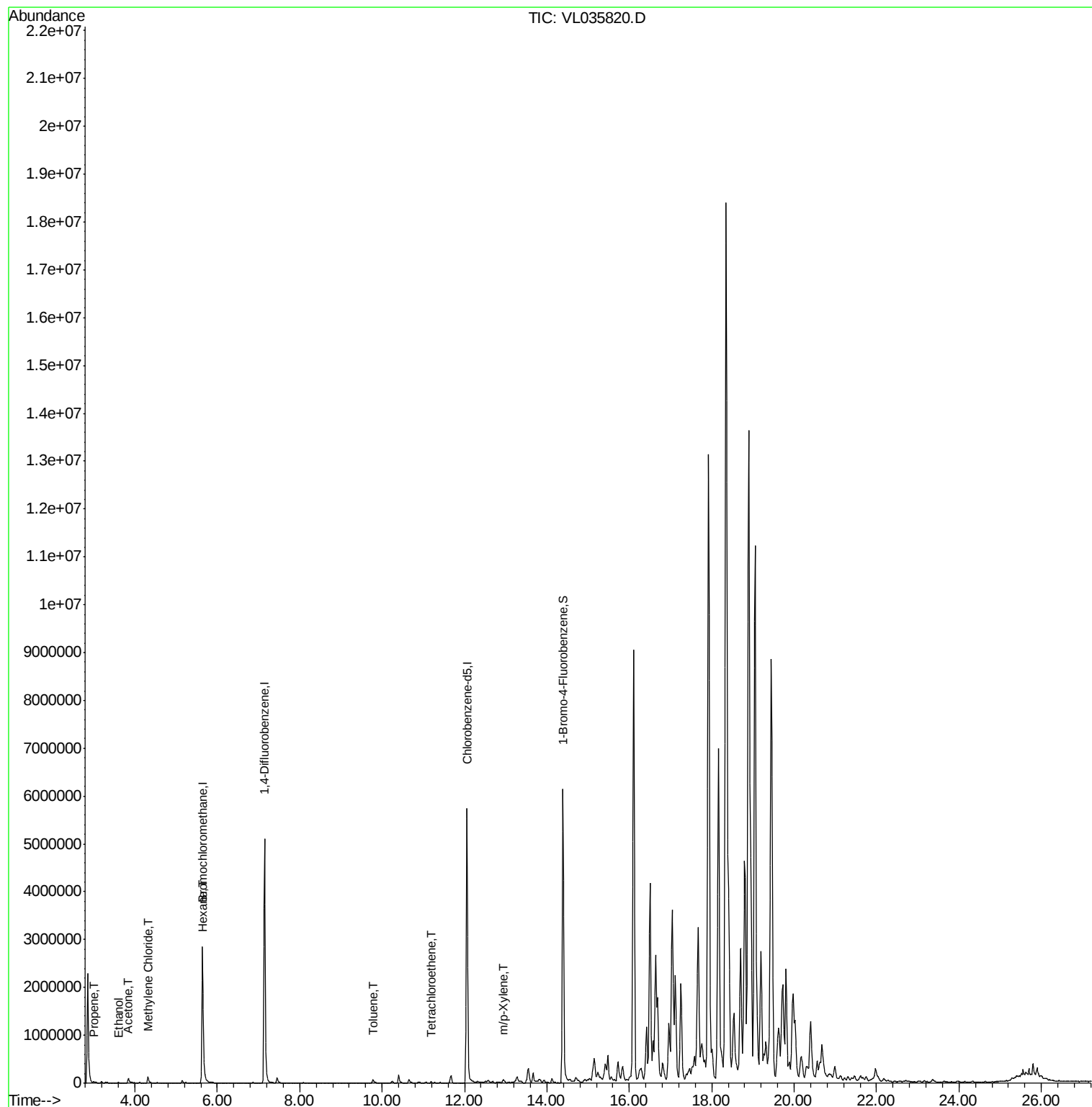
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110320\
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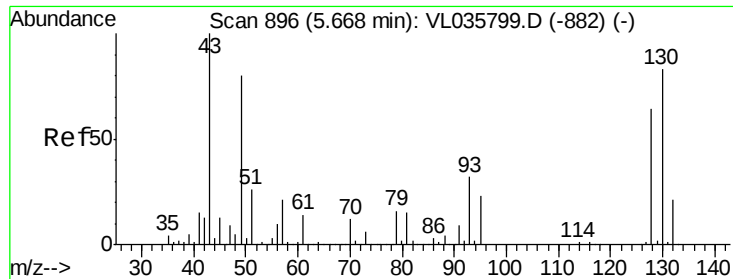
Instrument :
MSVOA_L
ClientSampleId :
SV1

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Quant Time: Nov 04 06:06:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL035820.D

Acq: 4 Nov 2020 1:51

Instrument :

MSVOA_L

ClientSampled :

SV1

Tot Ion: 49 Resp: 1161535

Ion Ratio Lower Upper

49 100

128 94.0 41.5 124.6

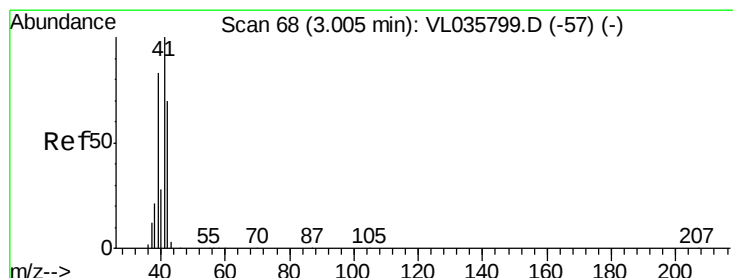
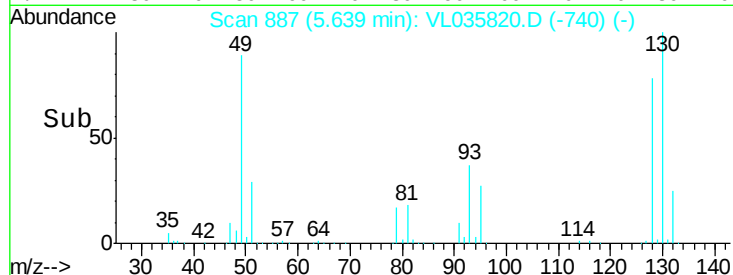
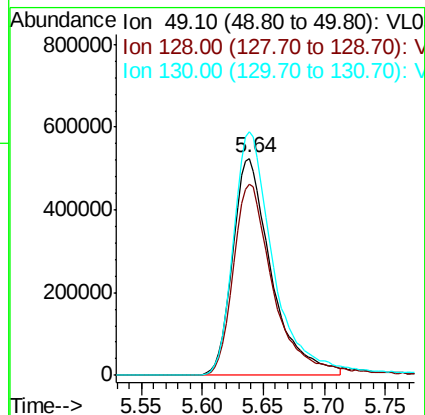
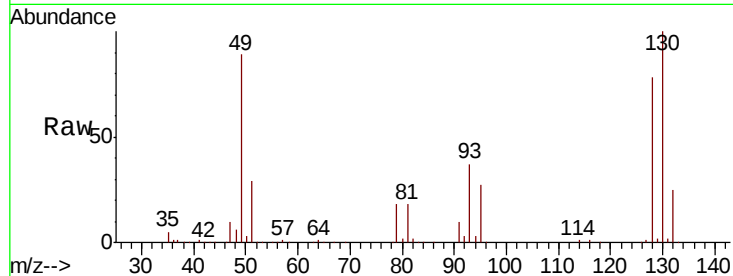
130 118.5 53.7 161.1

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#9

Propene

Concen: 0.205 ppbv m

RT: 2.99 min Scan# 64

Delta R.T. -0.01 min

Lab File: VL035820.D

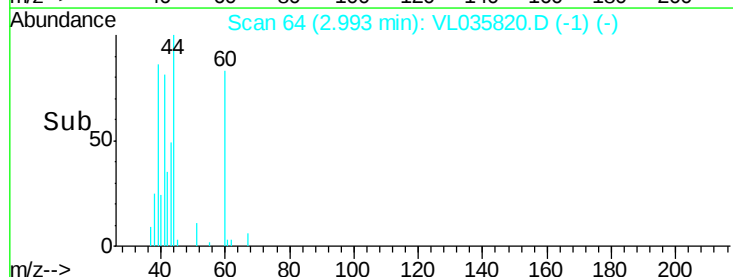
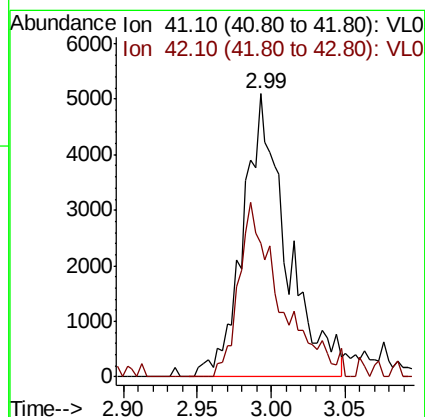
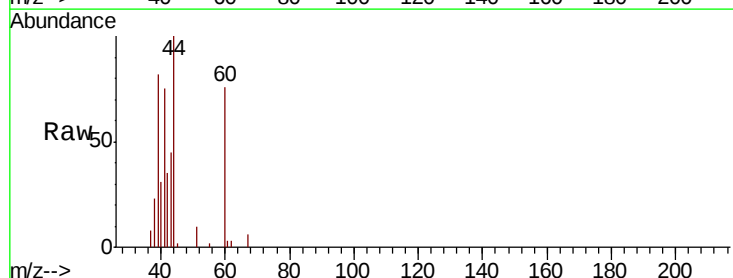
Acq: 4 Nov 2020 1:51

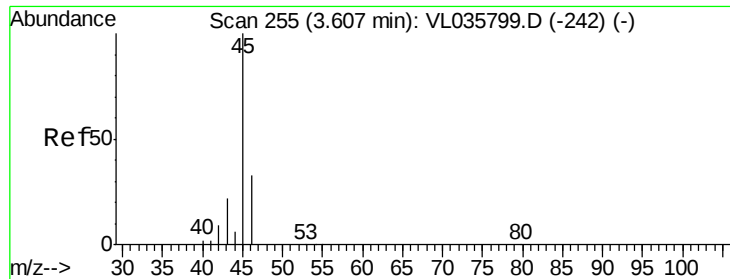
Tgt Ion: 41 Resp: 10446

Ion Ratio Lower Upper

41 100

42 0.0 56.2 84.4#





#13

Ethanol

Concen: 1.018 ppbv m

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL035820.D

Acq: 4 Nov 2020 1:51

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tot Ion: 45 Resp: 11246

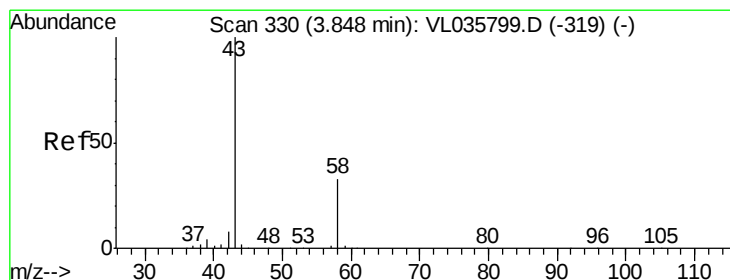
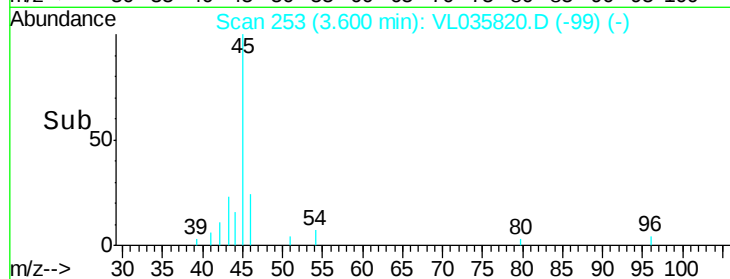
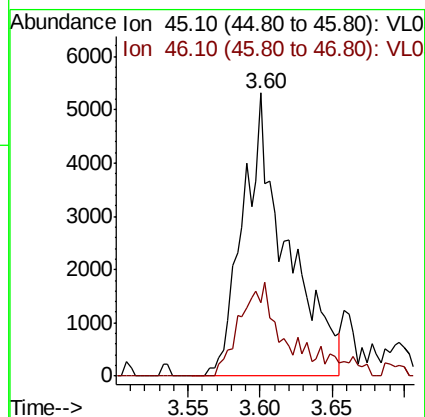
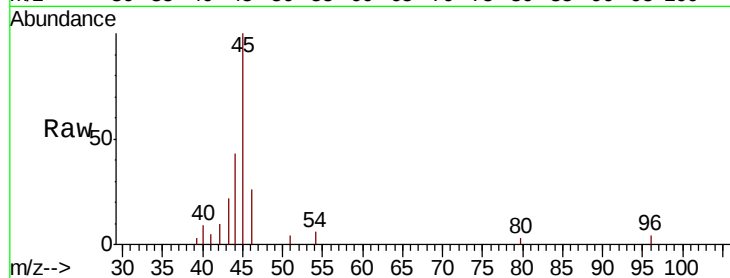
Ion Ratio Lower Upper

45 100

46 0.0 16.1 64.5#

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#15

Acetone

Concen: 1.052 ppbv

RT: 3.84 min Scan# 326

Delta R.T. -0.01 min

Lab File: VL035820.D

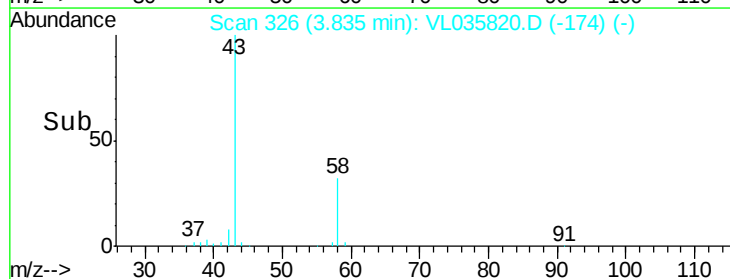
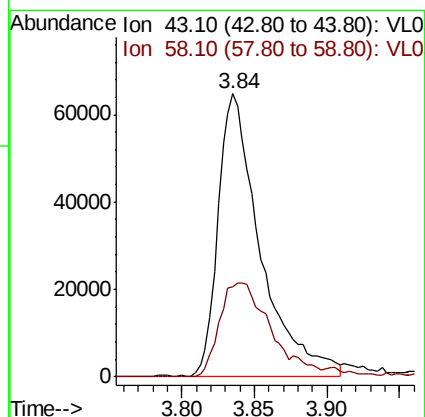
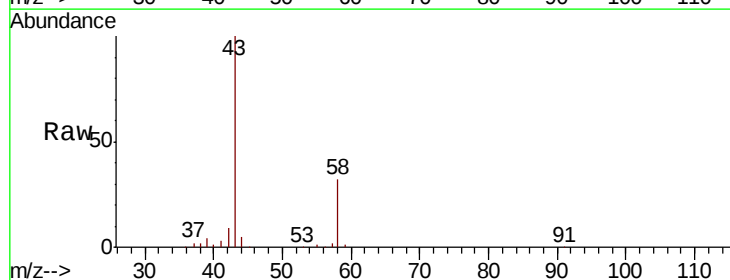
Acq: 4 Nov 2020 1:51

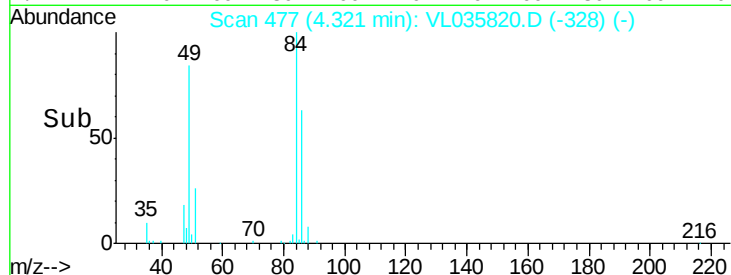
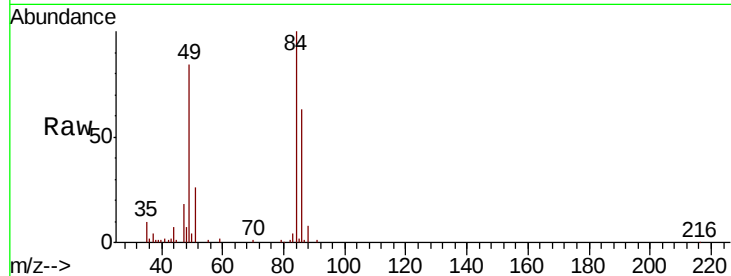
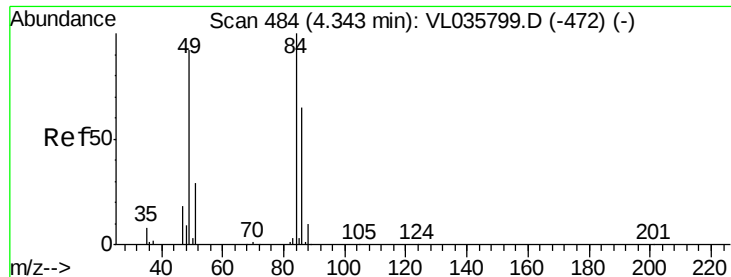
Tgt Ion: 43 Resp: 130576

Ion Ratio Lower Upper

43 100

58 43.5 27.5 41.3#





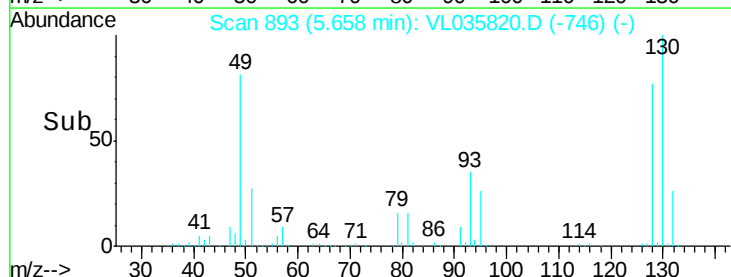
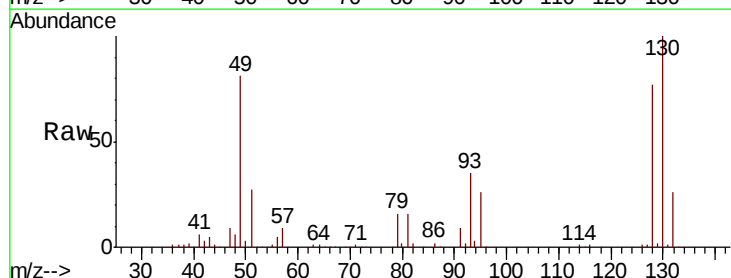
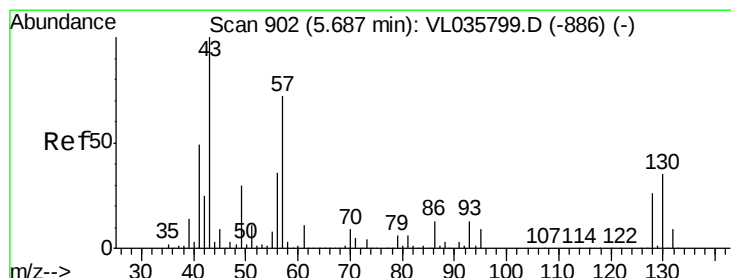
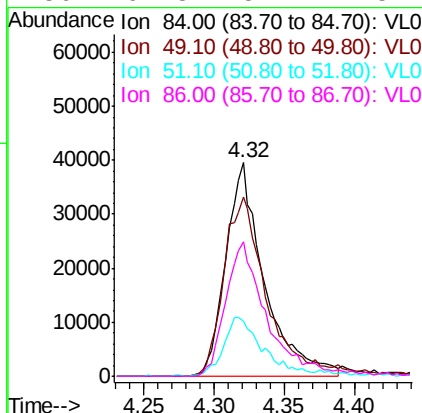
#20
Methylene Chloride
Concen: 0.863 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL035820.D
Acq: 4 Nov 2020 1:51

Tot Ion	84	Resp	75455
Ion Ratio	Lower	Upper	
84	100		
49	84.0	73.8	110.8
51	26.1	23.0	34.4
86	62.8	52.1	78.1

Instrument :
MSVOA_L
ClientSampleId :
SV1

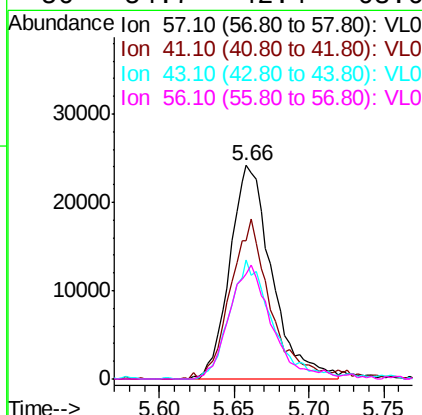
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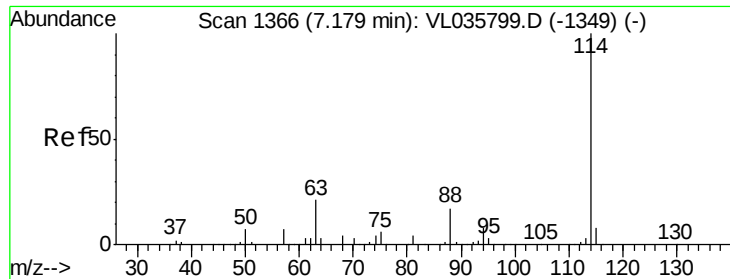
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#26
Hexane
Concen: 0.351 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035820.D
Acq: 4 Nov 2020 1:51

Tgt Ion	57	Resp	47358
Ion Ratio	Lower	Upper	
57	100		
41	73.4	58.9	88.3
43	58.4	150.2	225.2
56	54.7	42.4	63.6





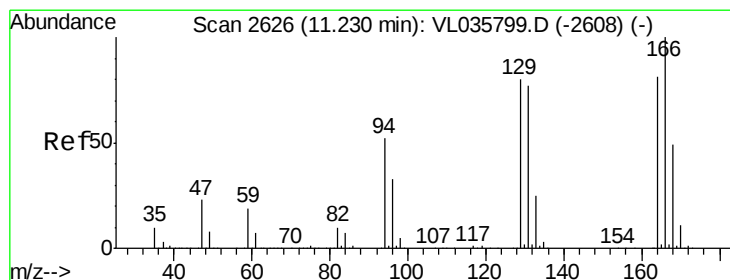
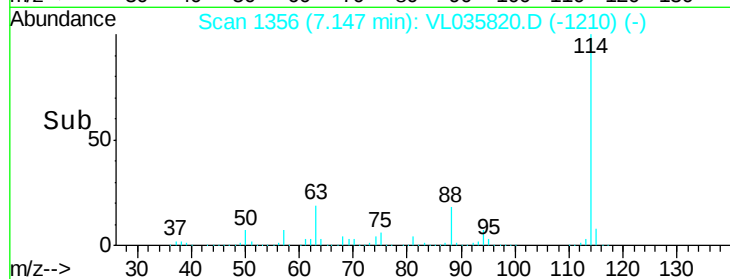
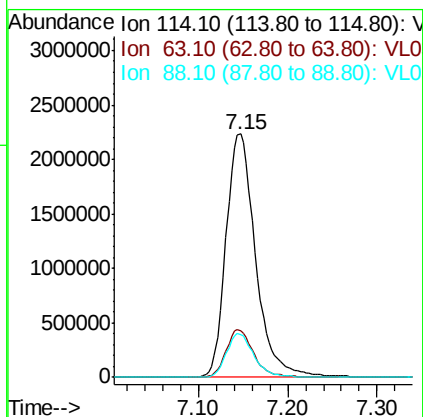
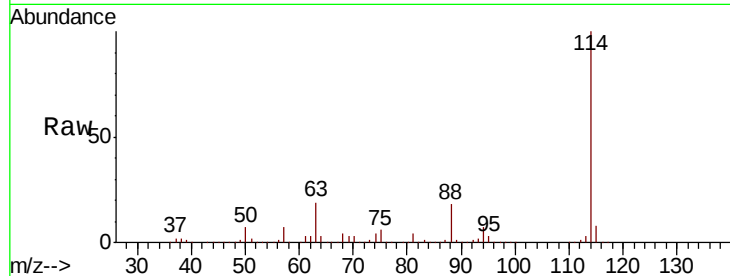
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: VL035820.D
 Acq: 4 Nov 2020 1:51

Instrument :
 MSVOA_L
 ClientSampled :
 SV1

Tot Ion:	114	Resp:	5126896
Ion	Ratio	Lower	Upper
114	100		
63	18.7	16.1	24.1
88	16.9	13.7	20.5

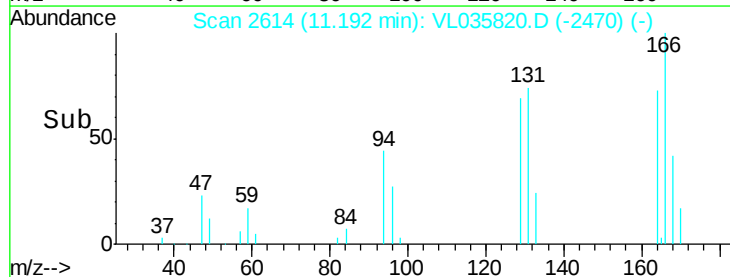
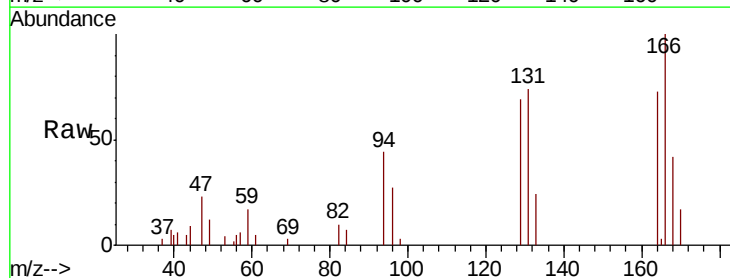
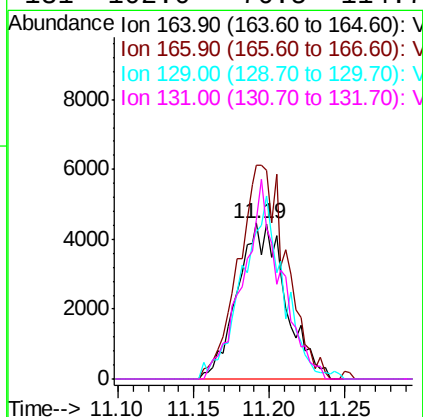
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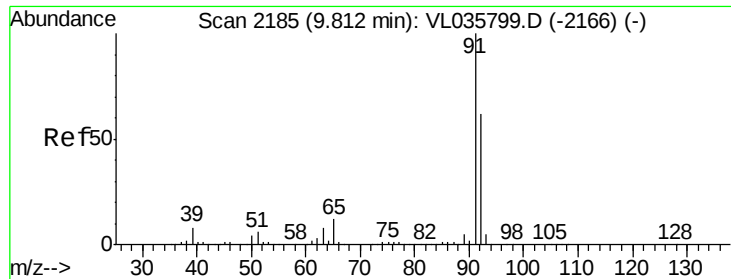
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#52
 Tetrachloroethene
 Concen: 0.054 ppbv m
 RT: 11.19 min Scan# 2614
 Delta R.T. -0.04 min
 Lab File: VL035820.D
 Acq: 4 Nov 2020 1:51

Tgt Ion:	164	Resp:	9838
Ion	Ratio	Lower	Upper
164	100		
166	137.1	99.3	148.9
129	94.5	79.3	118.9
131	102.0	76.5	114.7





#53

Toluene

Concen: 0.144 ppbv

RT: 9.78 min Scan# 2175

Delta R.T. -0.03 min

Lab File: VL035820.D

Acq: 4 Nov 2020 1:51

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tot Ion: 91 Resp: 66009

Ion Ratio Lower Upper

91 100

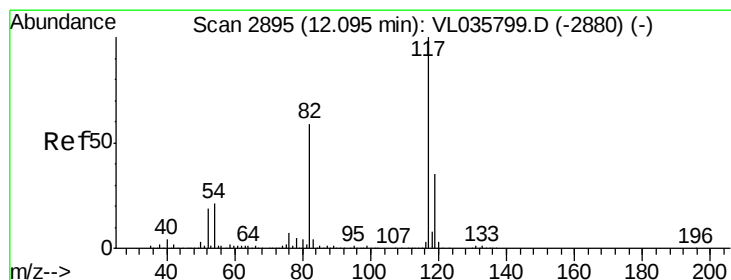
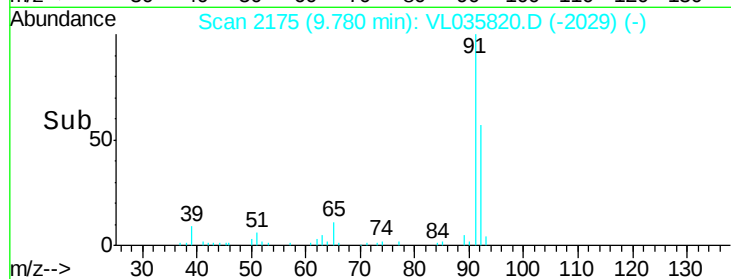
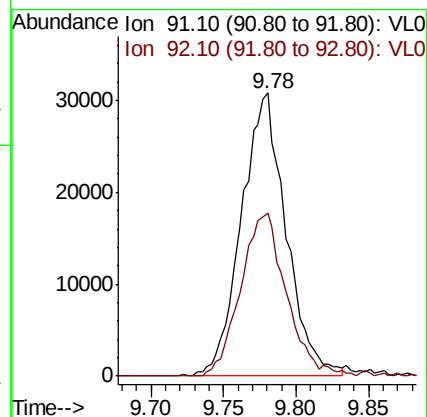
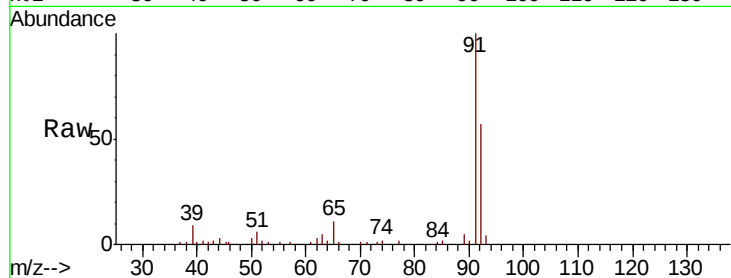
92 58.8 49.8 74.6

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2883

Delta R.T. -0.04 min

Lab File: VL035820.D

Acq: 4 Nov 2020 1:51

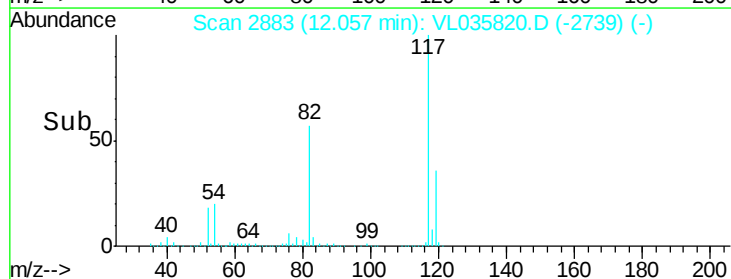
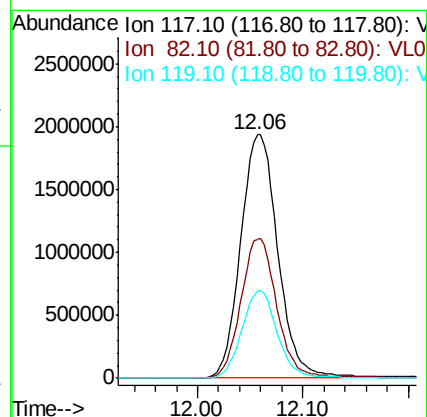
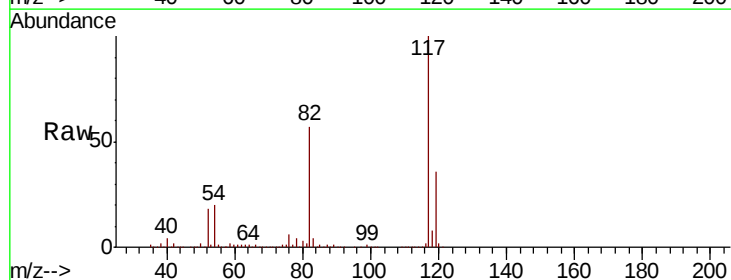
Tgt Ion: 117 Resp: 4731376

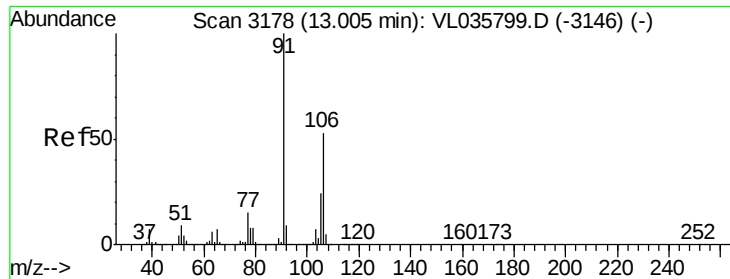
Ion Ratio Lower Upper

117 100

82 56.3 50.6 76.0

119 34.9 52.6 78.8#





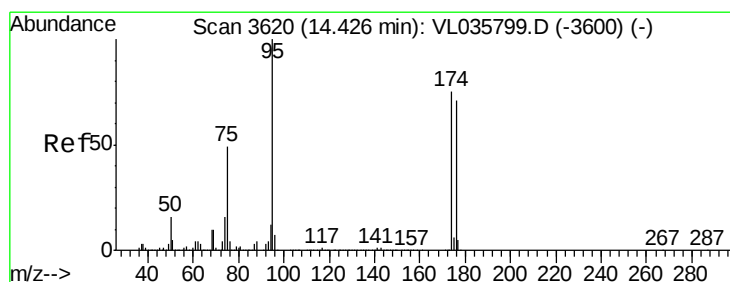
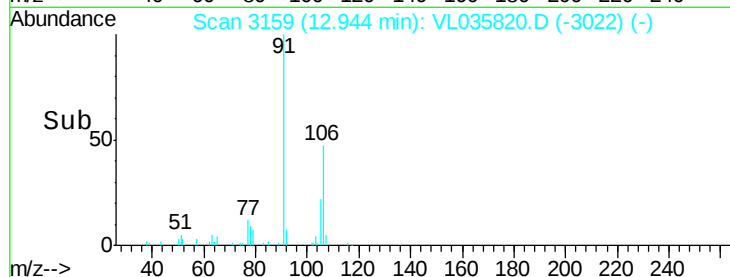
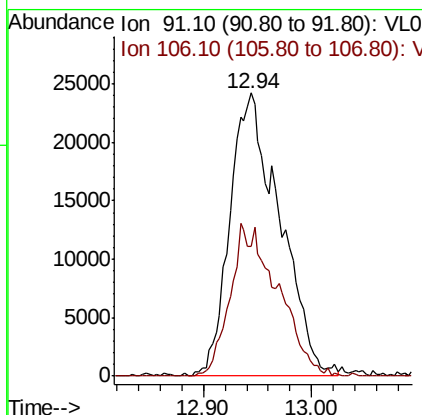
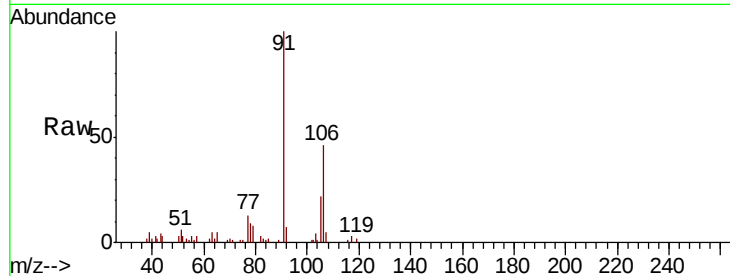
#59
m/p-Xylene
Concen: 0.158 ppbv m
RT: 12.94 min Scan# 3159
Delta R.T. -0.06 min
Lab File: VL035820.D
Acq: 4 Nov 2020 1:51

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion: 91 Resp: 77171
Ion Ratio Lower Upper
91 100
106 0.0 39.5 59.3#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.070 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.04 min
Lab File: VL035820.D
Acq: 4 Nov 2020 1:51

Tgt Ion: 95 Resp: 3385111
Ion Ratio Lower Upper
95 100
174 77.5 59.8 89.6
175 5.5 4.3 6.5

