

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL036003.D
 Acq On : 24 Nov 2020 21:06
 Operator : SY/AP
 Sample : L4843-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-01DL

Manual Integrations
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Quant Time: Nov 26 14:21:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 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	1398338	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	4983608	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.06	117	4837018	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3678877	10.71	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	977172m	15.943	ppbv	
10) Heptane	8.09	43	527543	3.116	ppbv	98
26) Hexane	5.66	57	1866244	11.490	ppbv #	46
27) Carbon Disulfide	4.52	76	195277	0.802	ppbv	98
52) Tetrachloroethene	11.20	164	122898	0.700	ppbv	98
53) Toluene	9.78	91	4849119	10.847	ppbv	99
58) Ethyl Benzene	12.68	91	414630	0.704	ppbv	92
59) m/p-Xylene	12.94	91	1273038	2.554	ppbv	99
60) o-Xylene	13.66	91	377830	0.779	ppbv	97

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

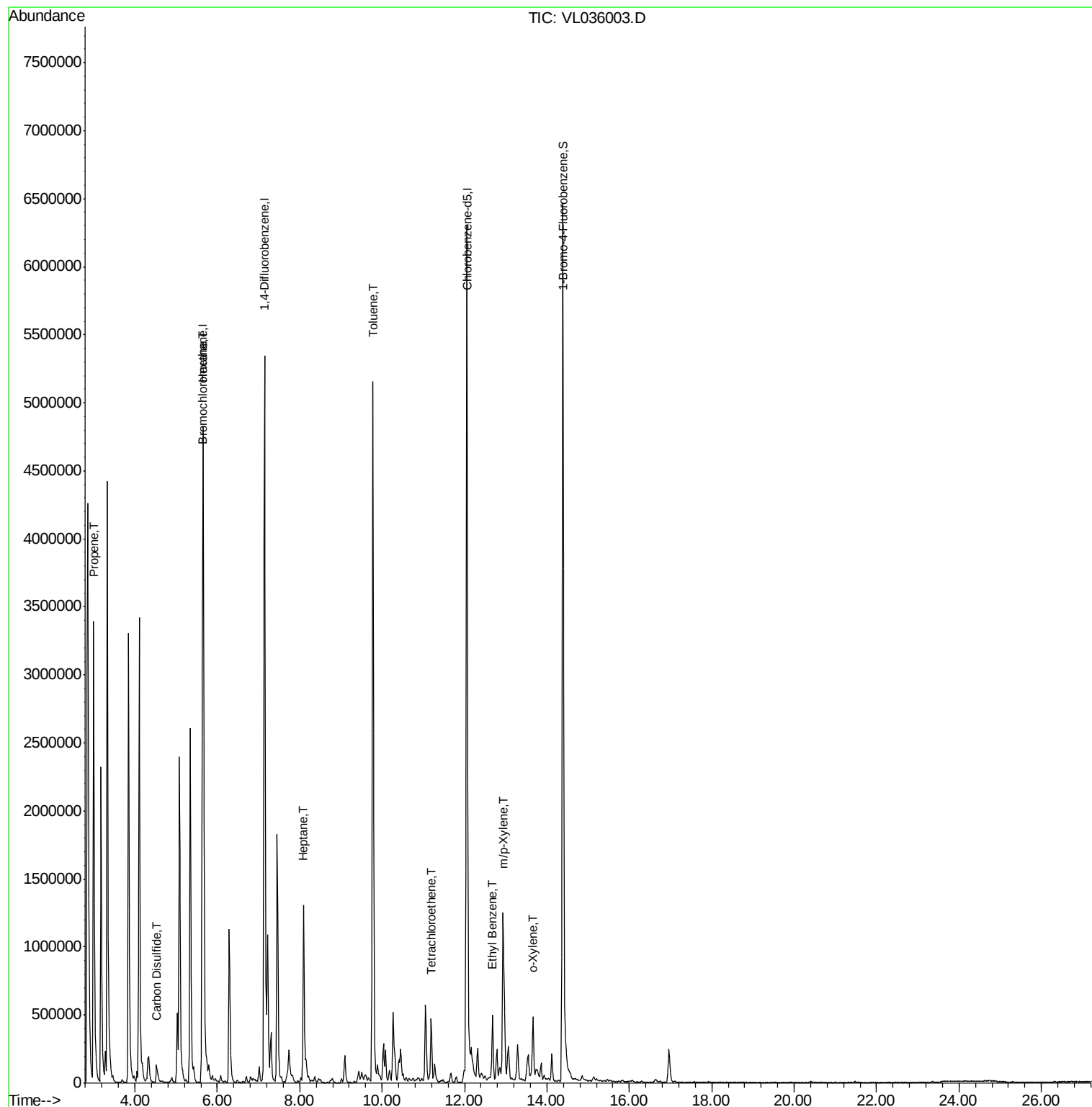
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112420\
Data File : VL036003.D
Acq On : 24 Nov 2020 21:06
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Misc : 400ml/MSVOA L
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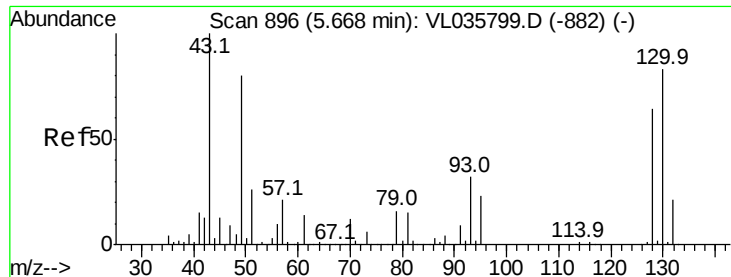
Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL

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Quant Time: Nov 26 14:21:22 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

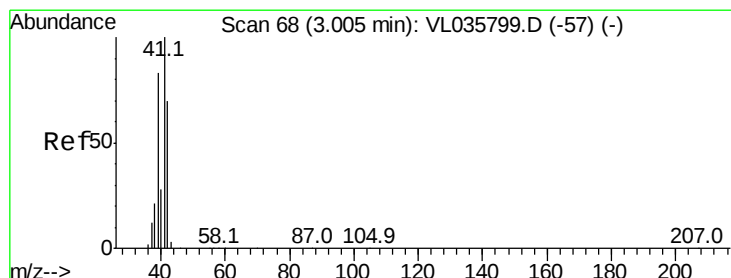
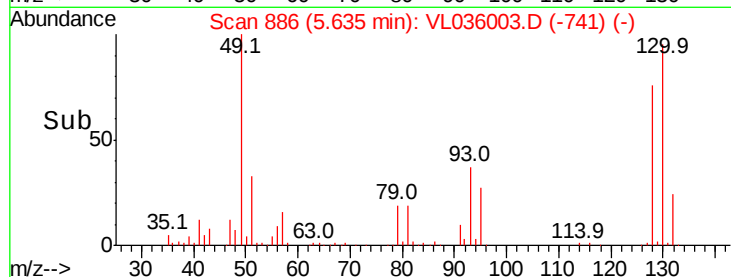
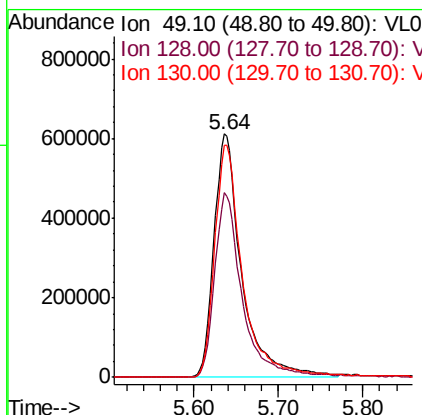
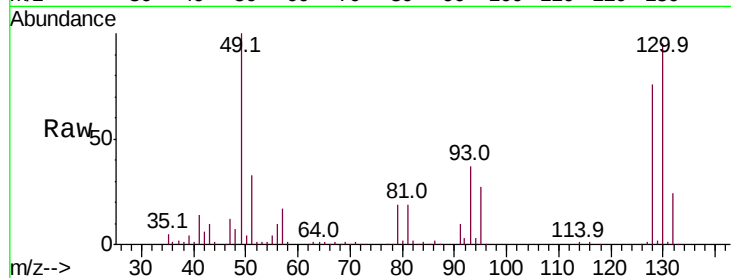
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 886
Delta R.T. -0.03 min
Lab File: VL036003.D
Acq: 24 Nov 2020 21:06

Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL

Tot Ion: 49 Resp: 1398338
Ion Ratio Lower Upper
49 100
128 76.7 41.5 124.6
130 98.0 53.7 161.1

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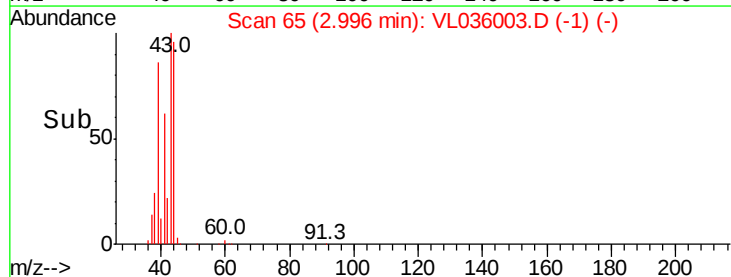
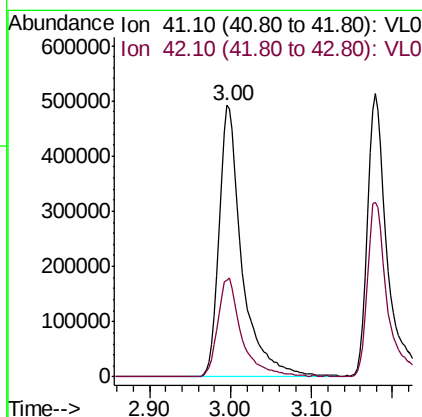
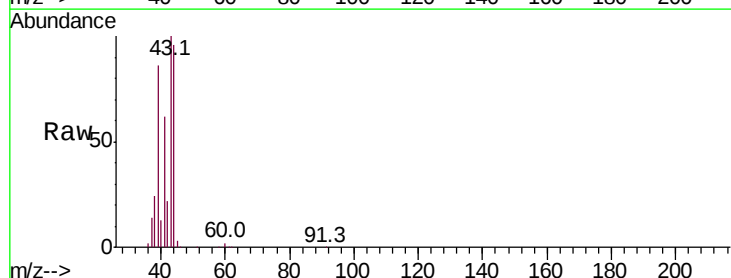
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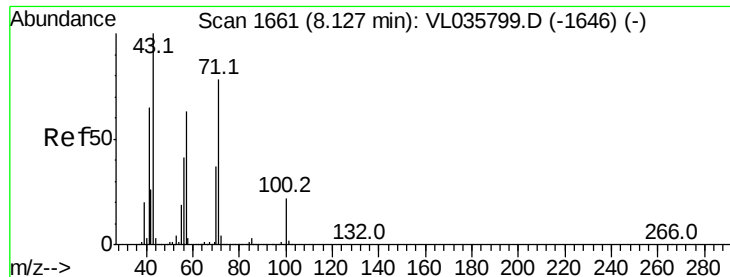


#9

Propene
Concen: 15.943 ppbv m
RT: 3.00 min Scan# 65
Delta R.T. -0.01 min
Lab File: VL036003.D
Acq: 24 Nov 2020 21:06

Tgt Ion: 41 Resp: 977172
Ion Ratio Lower Upper
41 100
42 56.9 56.2 84.4





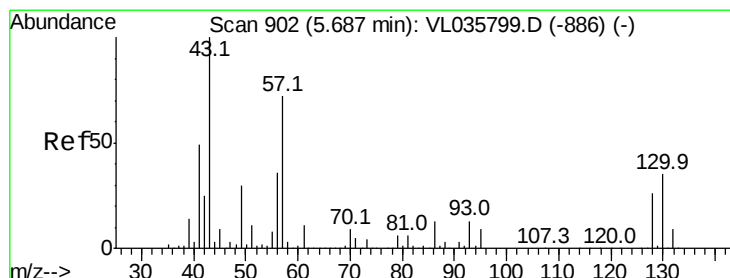
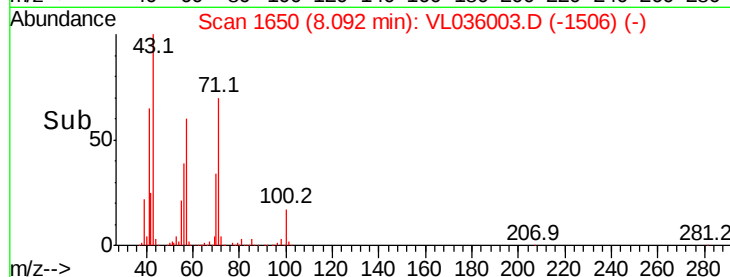
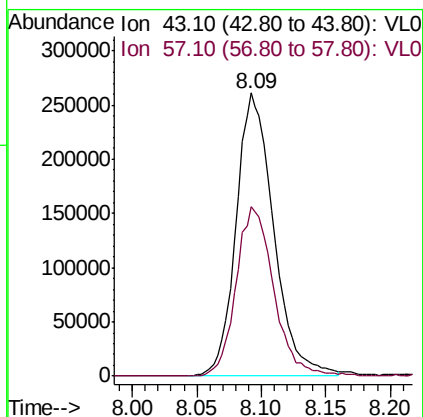
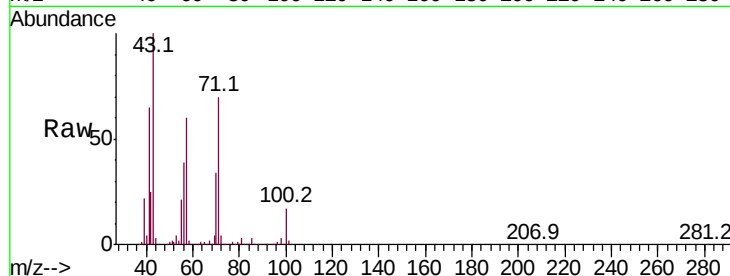
#10
Heptane
Concen: 3.116 ppbv
RT: 8.09 min Scan# 1650
Delta R.T. -0.04 min
Lab File: VL036003.D
Acq: 24 Nov 2020 21:06

Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL

Tot Ion: 43 Resp: 527543
Ion Ratio Lower Upper
43 100
57 60.8 50.0 75.0

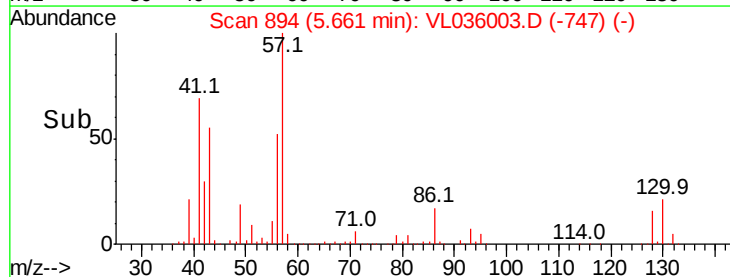
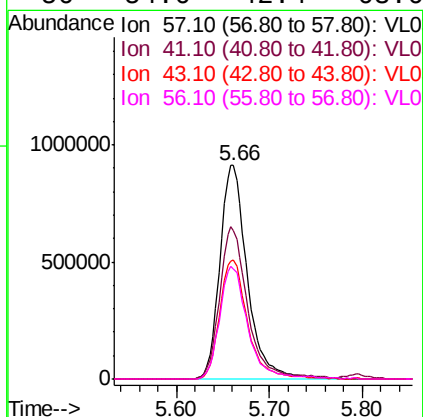
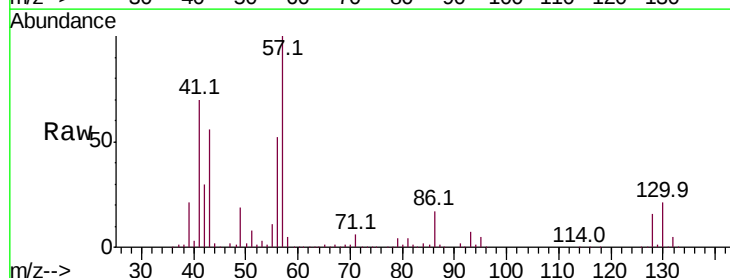
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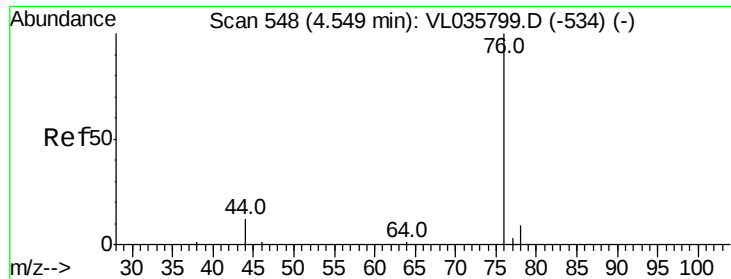
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#26
Hexane
Concen: 11.490 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL036003.D
Acq: 24 Nov 2020 21:06

Tgt Ion: 57 Resp: 1866244
Ion Ratio Lower Upper
57 100
41 73.3 58.9 88.3
43 57.3 150.2 225.2#
56 54.6 42.4 63.6





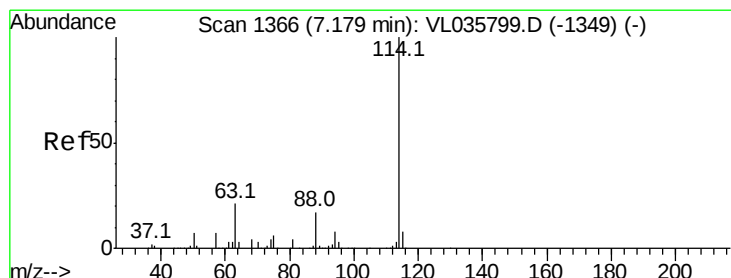
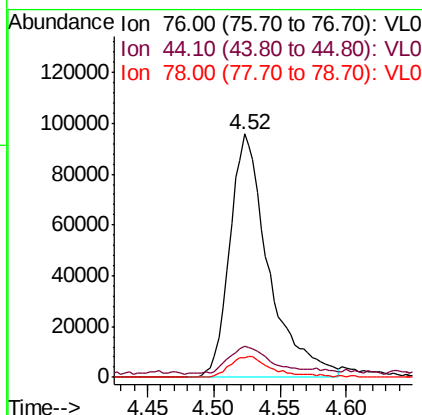
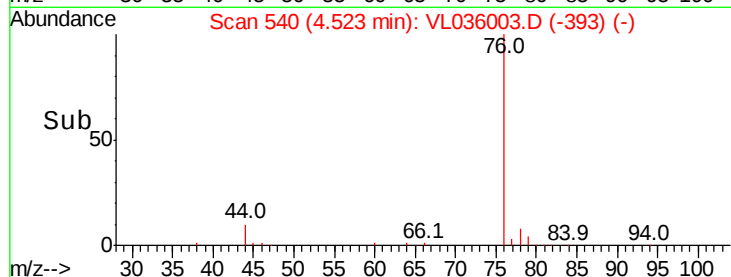
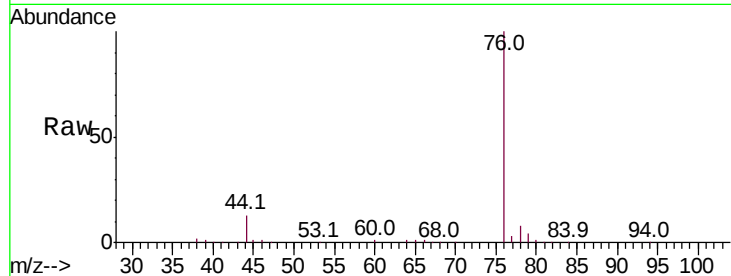
#27
Carbon Disulfide
Concen: 0.802 ppbv
RT: 4.52 min Scan# 540
Delta R.T. -0.03 min
Lab File: VL036003.D
Acq: 24 Nov 2020 21:06

Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL

Tot Ion	Ratio	Lower	Upper
76	100		
44	13.9	9.9	14.9
78	9.9	8.1	12.1

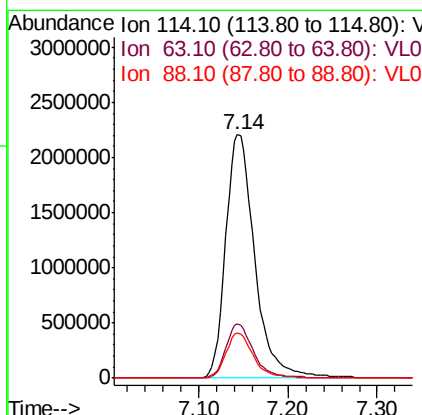
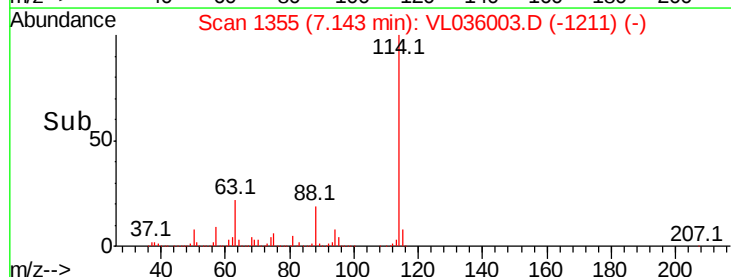
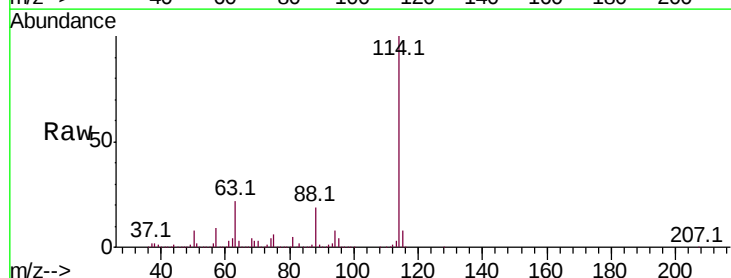
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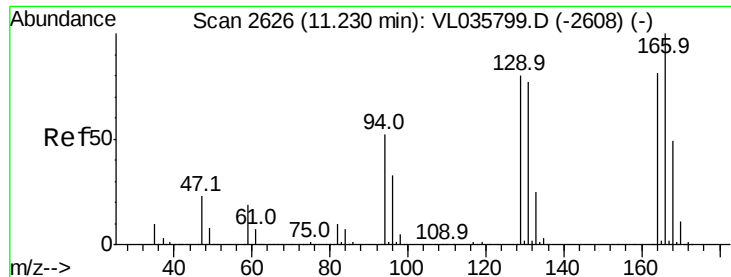
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.04 min
Lab File: VL036003.D
Acq: 24 Nov 2020 21:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	16.1	24.1
88	17.7	13.7	20.5





#52

Tetrachloroethene

Concen: 0.700 ppbv

RT: 11.20 min Scan# 2616

Delta R.T. -0.03 min

Lab File: VL036003.D

Acq: 24 Nov 2020 21:06

Instrument :

MSVOA_L

ClientSampleId :

SVP-01DL

Tot Ion:164 Resp: 122898

Ion Ratio Lower Upper

164 100

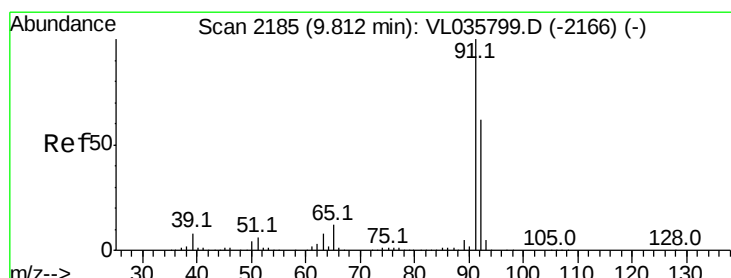
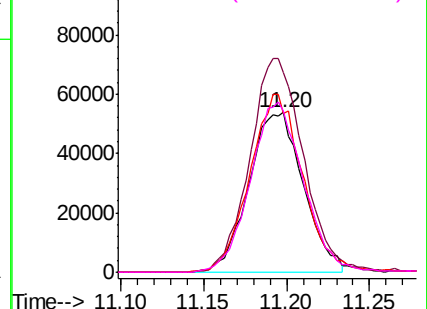
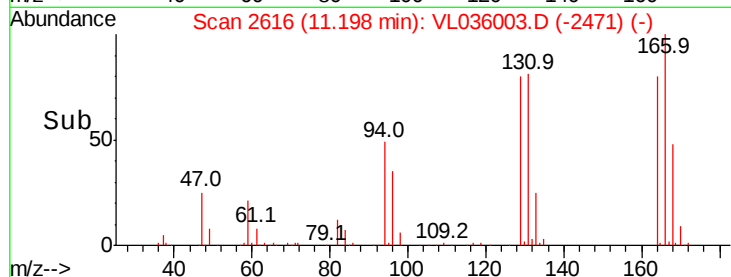
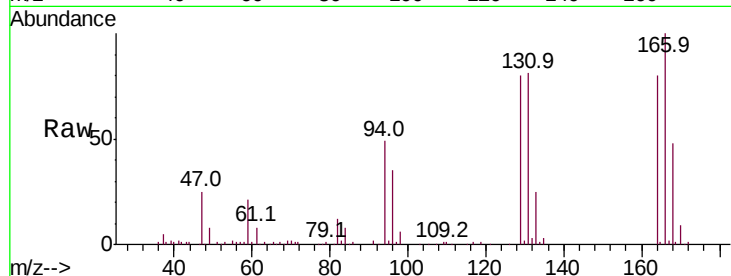
166 124.8 99.3 148.9

129 99.0 79.3 118.9

131 100.3 76.5 114.7

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#53

Toluene

Concen: 10.847 ppbv

RT: 9.78 min Scan# 2174

Delta R.T. -0.04 min

Lab File: VL036003.D

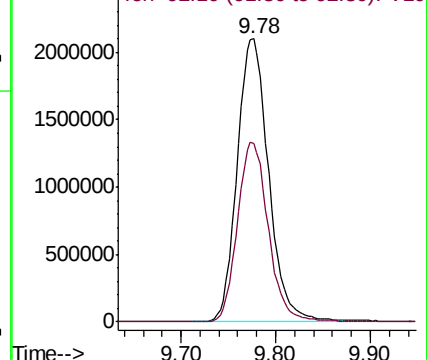
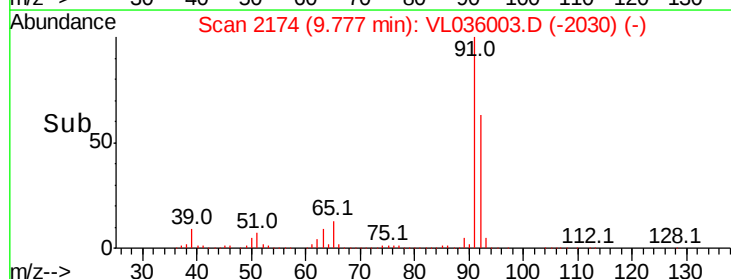
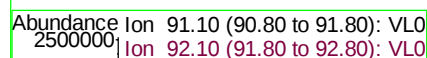
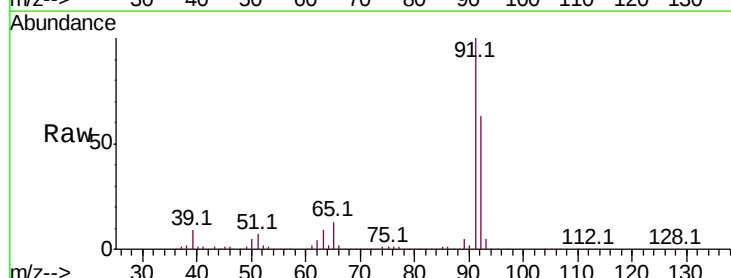
Acq: 24 Nov 2020 21:06

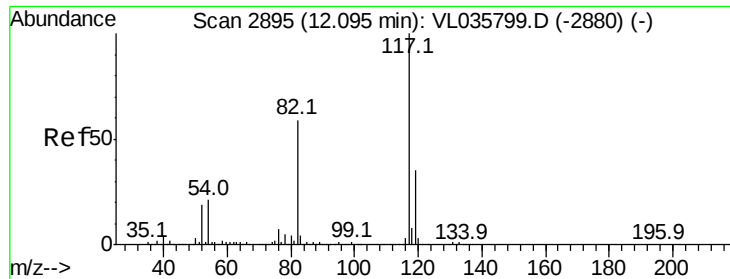
Tgt Ion: 91 Resp: 4849119

Ion Ratio Lower Upper

91 100

92 62.7 49.8 74.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2883

Delta R.T. -0.04 min

Lab File: VL036003.D

Acq: 24 Nov 2020 21:06

Instrument :

MSVOA_L

ClientSampleId :

SVP-01DL

Tot Ion:117 Resp: 4837018

Ion Ratio Lower Upper

117 100

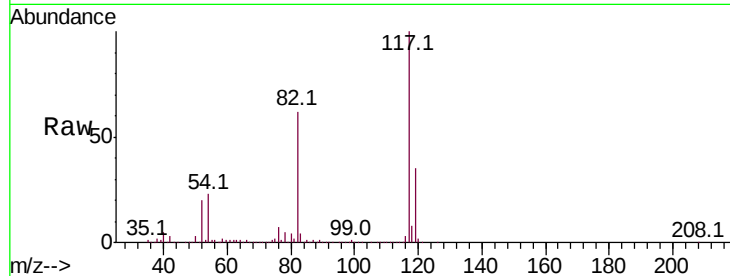
82 60.7 50.6 76.0

119 34.7 52.6 78.8#

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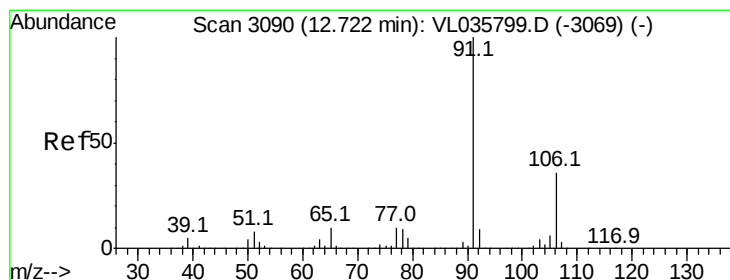
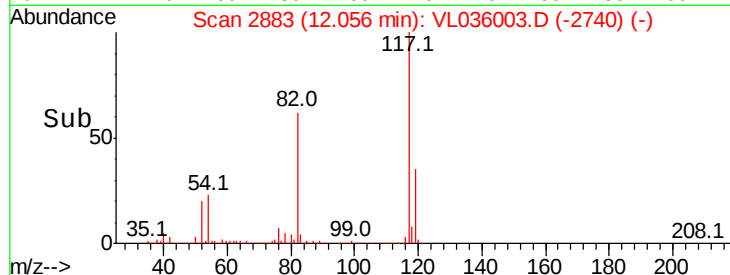
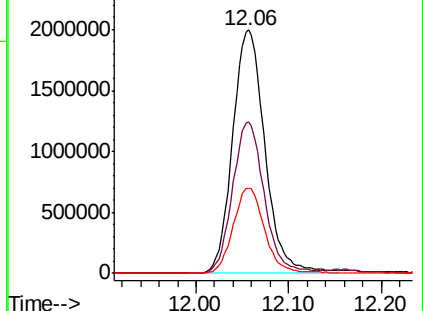
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 0.704 ppbv

RT: 12.68 min Scan# 3077

Delta R.T. -0.04 min

Lab File: VL036003.D

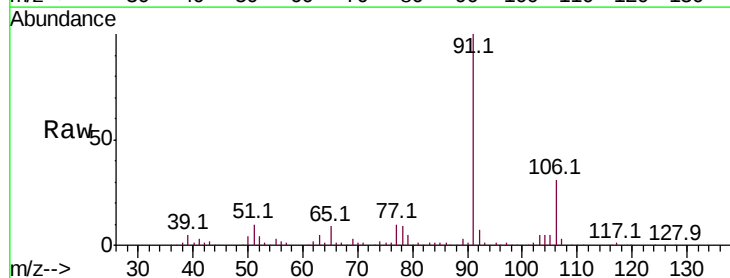
Acq: 24 Nov 2020 21:06

Tgt Ion: 91 Resp: 414630

Ion Ratio Lower Upper

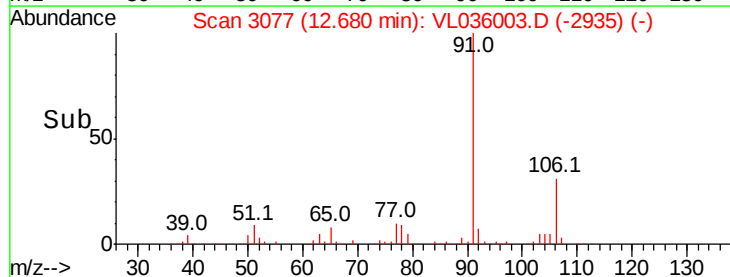
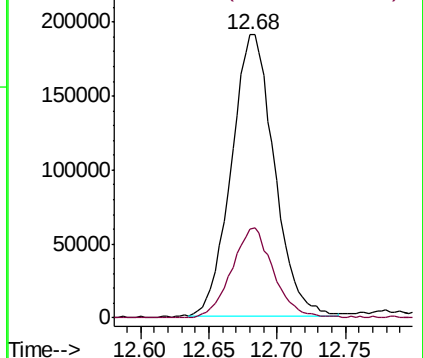
91 100

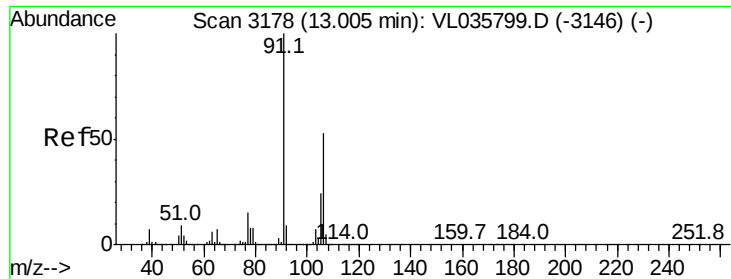
106 31.1 28.6 43.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





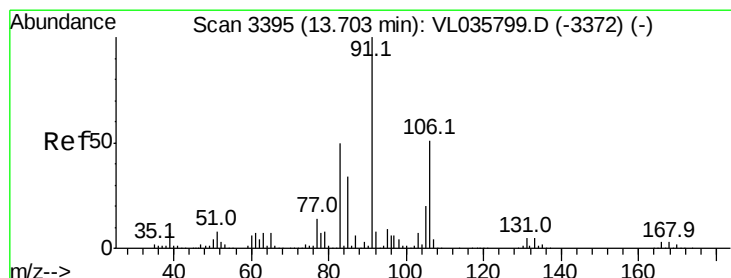
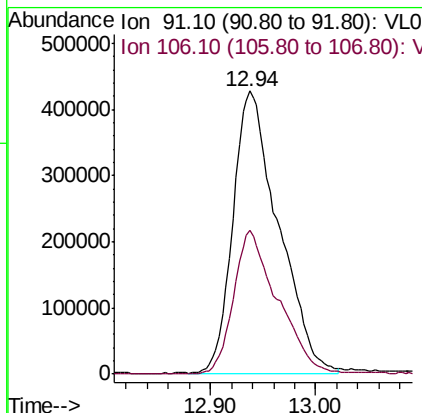
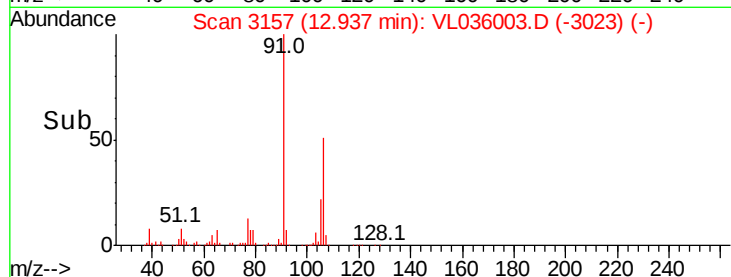
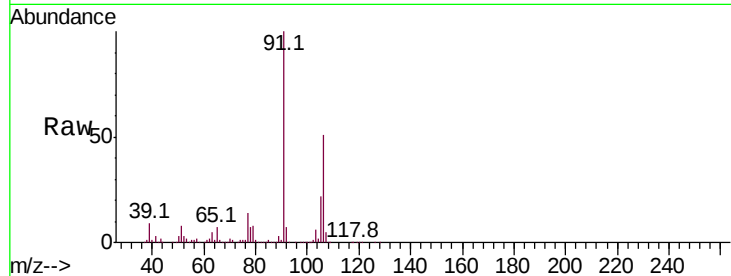
#59
m/p-Xylene
Concen: 2.554 ppbv
RT: 12.94 min Scan# 3157
Delta R.T. -0.07 min
Lab File: VL036003.D
Acq: 24 Nov 2020 21:06

Instrument :
MSVOA_L
ClientSampled :
SVP-01DL

Tot Ion: 91 Resp: 1273038
Ion Ratio Lower Upper
91 100
106 50.3 39.5 59.3

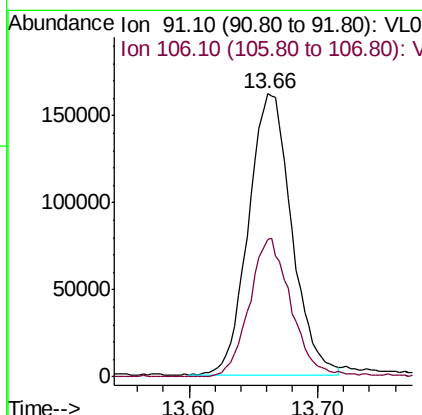
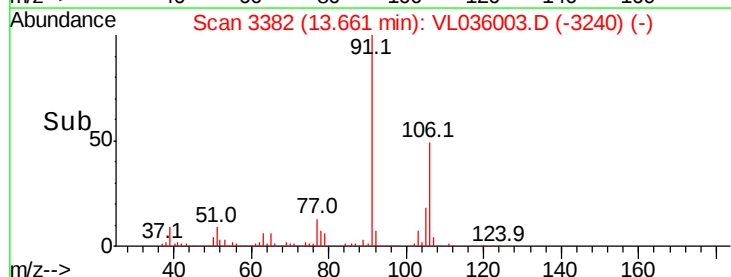
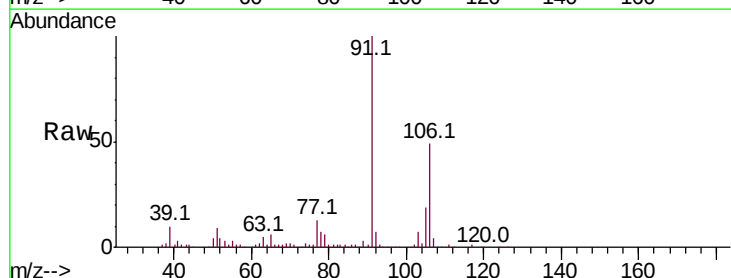
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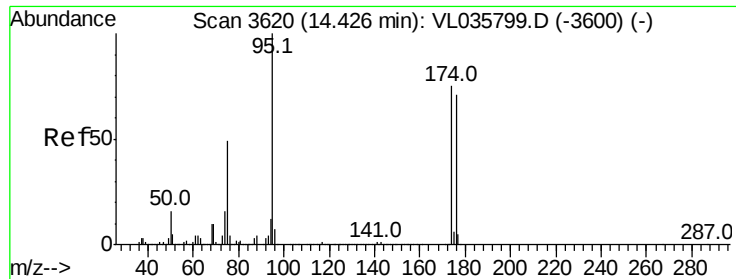
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#60
o-Xylene
Concen: 0.779 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. -0.04 min
Lab File: VL036003.D
Acq: 24 Nov 2020 21:06

Tgt Ion: 91 Resp: 377830
Ion Ratio Lower Upper
91 100
106 47.8 24.8 74.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.705 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.04 min
 Lab File: VL036003.D
 Acq: 24 Nov 2020 21:06

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-01DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	69.2	59.8	89.6
175	4.9	4.3	6.5

Manual Integrations
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