

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036142.D
 Acq On : 11 Dec 2020 00:09
 Operator : SY/AP
 Sample : L4948-15DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3BDL

Manual Integrations
 APPROVED

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 12/15/2020 4:51:29 PM

Quant Time: Dec 11 04:53:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1336731	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2626184	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2350090	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2101539	11.26	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.60%

Target Compounds					Ovalue
15) Acetone	3.85	43	85493m	0.532	ppbv
20) Methylene Chloride	4.32	84	14671m	0.223	ppbv
30) Cyclohexane	7.11	84	18119m	0.171	ppbv
52) Tetrachloroethene	11.20	164	32910m	0.408	ppbv
59) m/p-Xylene	12.96	91	68275m	0.252	ppbv
60) o-Xylene	13.68	91	28657m	0.112	ppbv

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

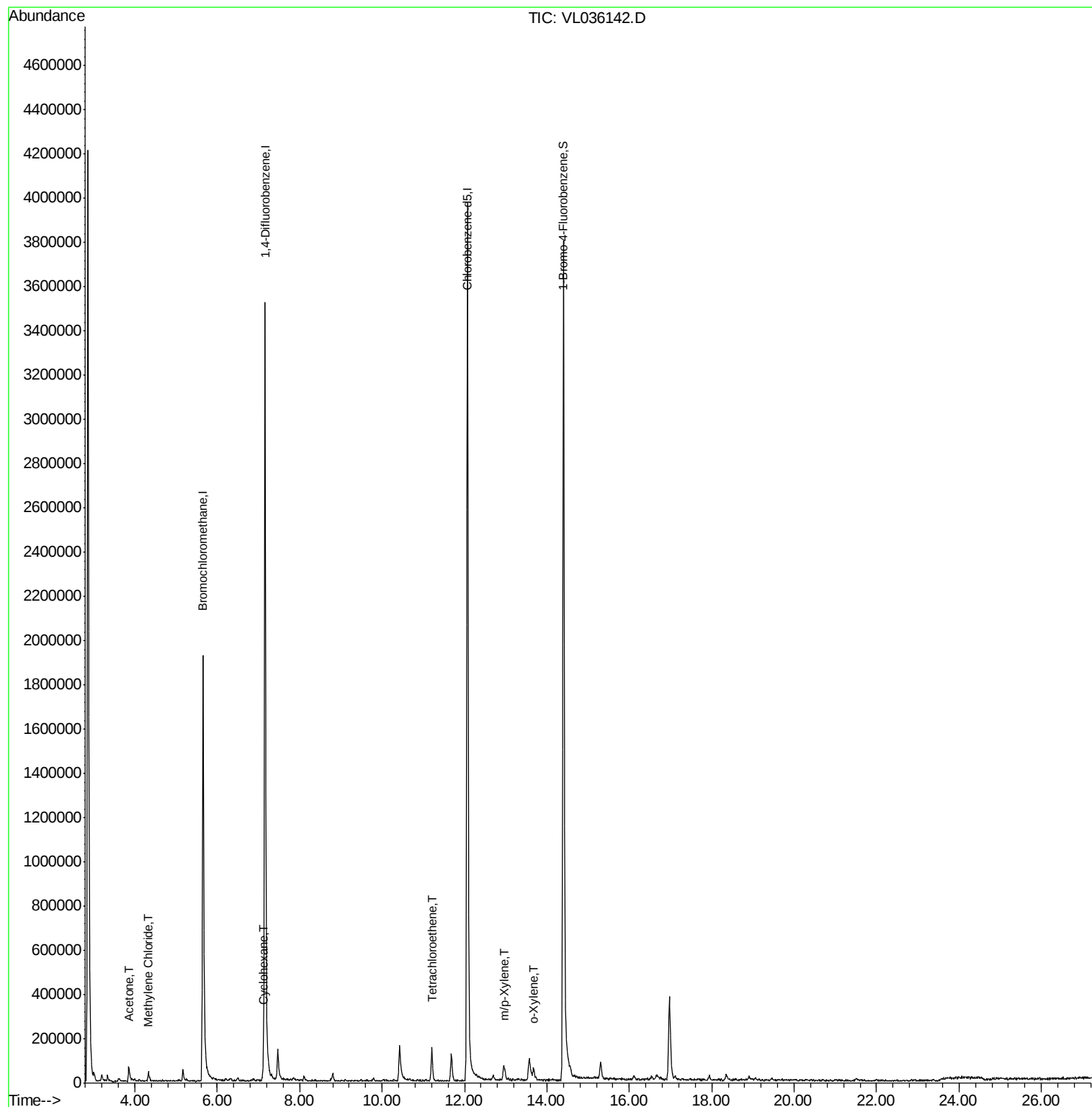
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121020\
Data File : VL036142.D
Acq On : 11 Dec 2020 00:09
Operator : SY/AP
Sample : L4948-15DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

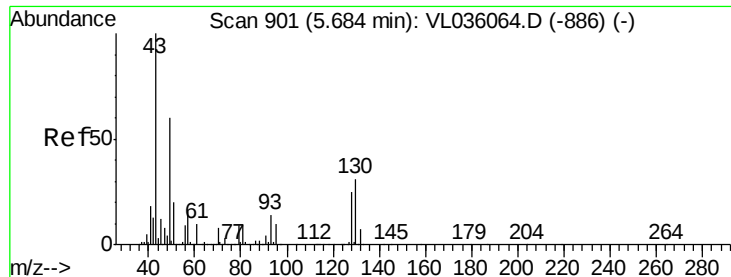
Instrument :
MSVOA_L
ClientSampleId :
SS-3BDL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.03 min

Lab File: VL036142.D

Acq: 11 Dec 2020 00:09

Instrument :

MSVOA_L

ClientSampleId :

SS-3BDL

Tot Ion: 49 Resp: 1336731

Ion Ratio Lower Upper

49 100

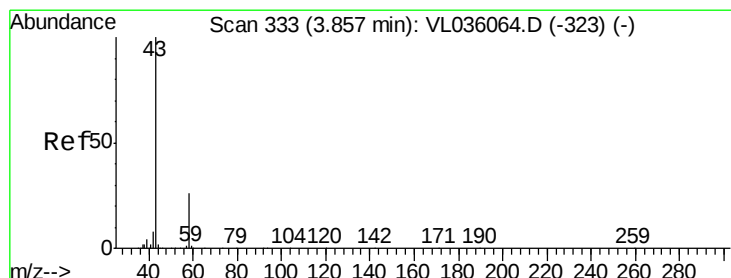
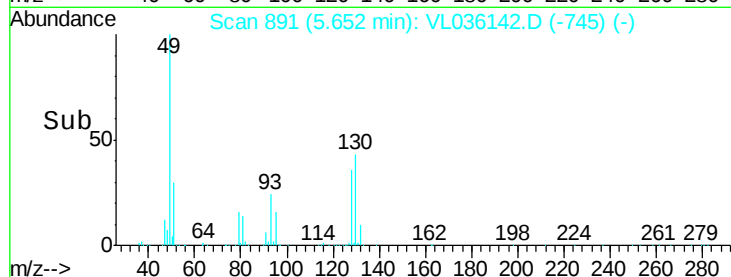
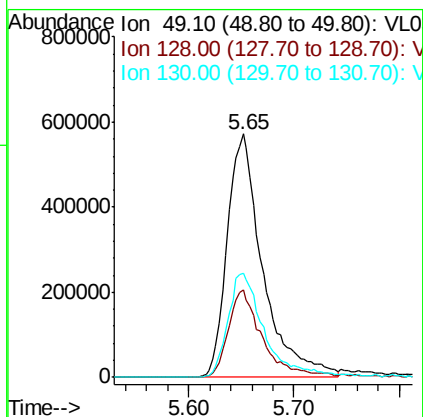
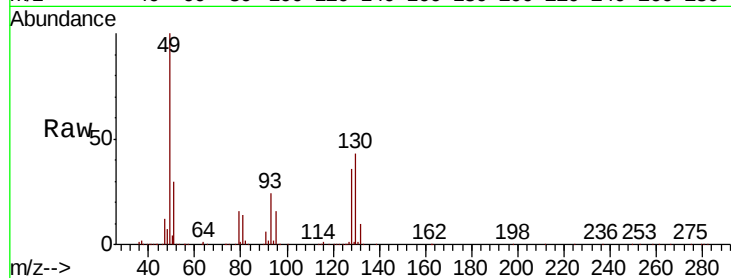
128 35.2 21.1 63.1

130 44.4 27.1 81.3

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#15

Acetone

Concen: 0.532 ppbv m

RT: 3.85 min Scan# 331

Delta R.T. -0.01 min

Lab File: VL036142.D

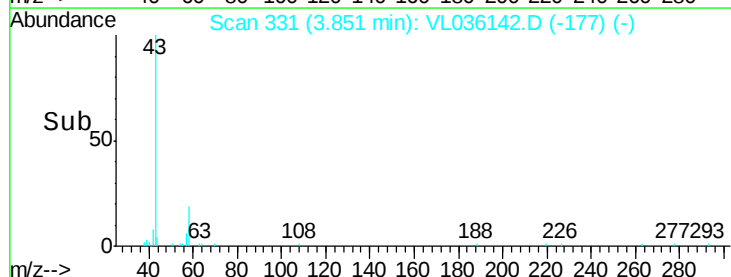
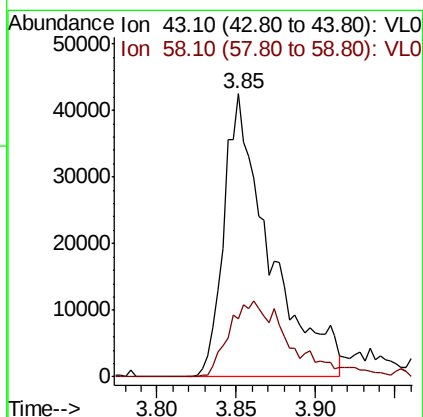
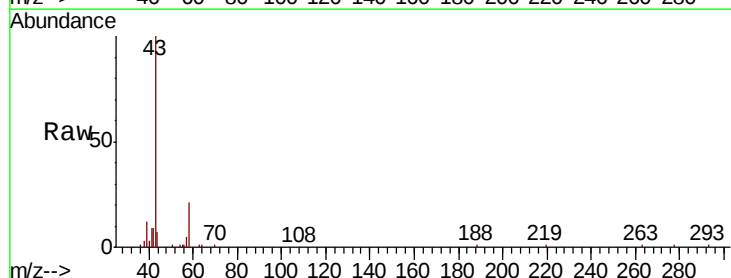
Acq: 11 Dec 2020 00:09

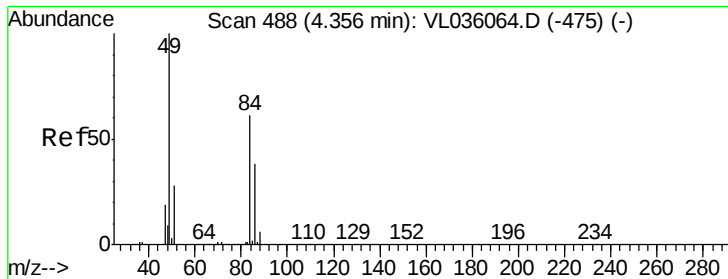
Tgt Ion: 43 Resp: 85493

Ion Ratio Lower Upper

43 100

58 35.6 20.9 31.3#





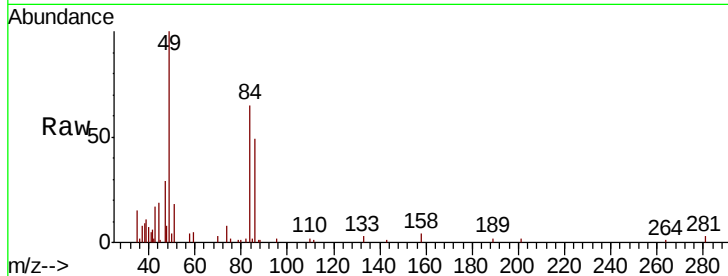
#20
Methvlene Chloride
Concen: 0.223 ppbv m
RT: 4.32 min Scan# 478
Delta R.T. -0.03 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Instrument :
MSVOA_L
ClientSampleId :
SS-3BDL

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	153.8	133.0	199.4	
51	27.8	38.9	58.3#	
86	75.5	48.8	73.2#	

Manual Integrations
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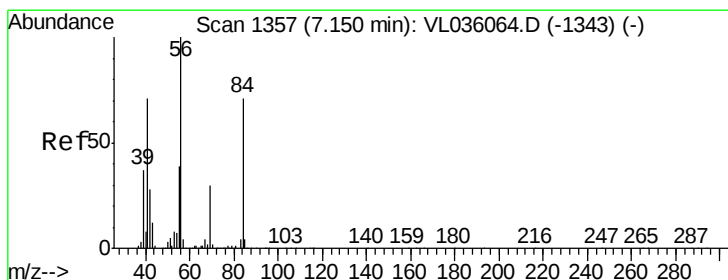
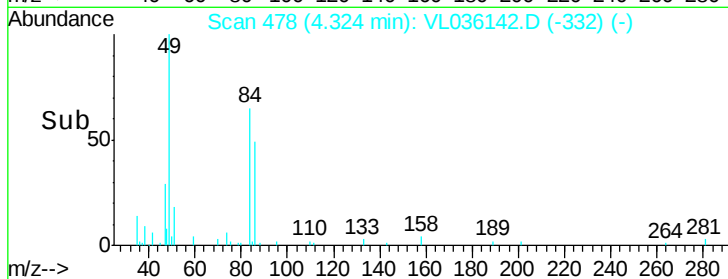
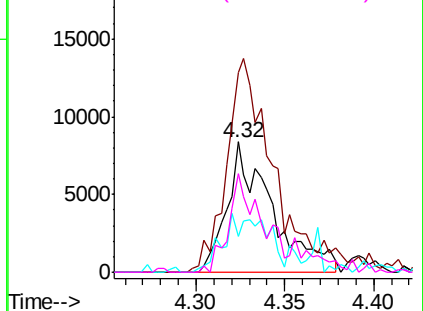
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

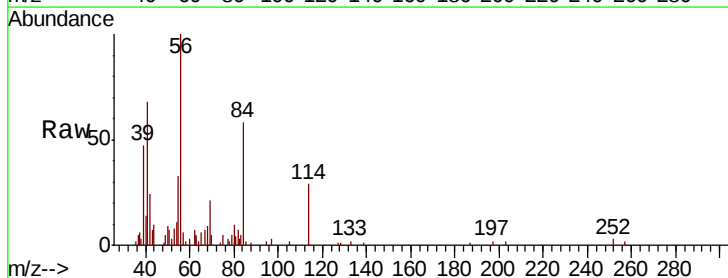
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#30
Cyclohexane
Concen: 0.171 ppbv m
RT: 7.11 min Scan# 1346
Delta R.T. -0.04 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Tgt Ion	Ion	Ratio	Lower	Upper
84	100			
56	0.0	128.0	192.0#	
41	0.0	81.3	121.9#	

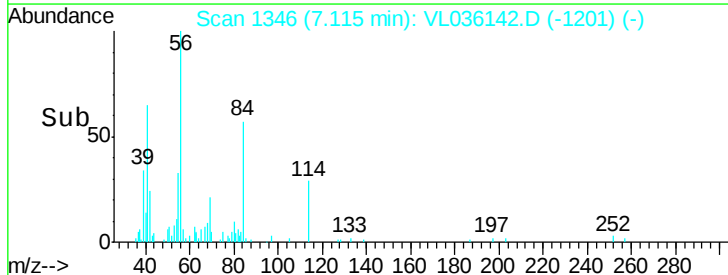
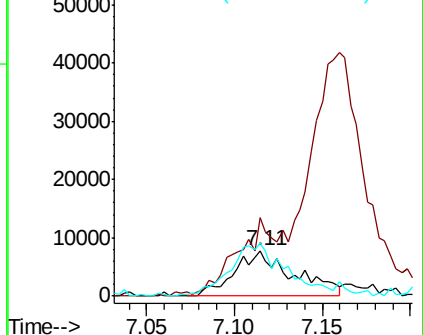


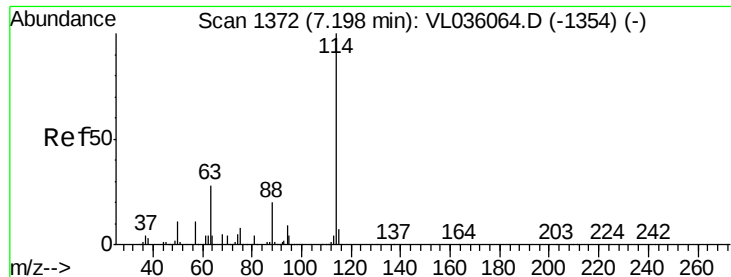
Abundance

Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





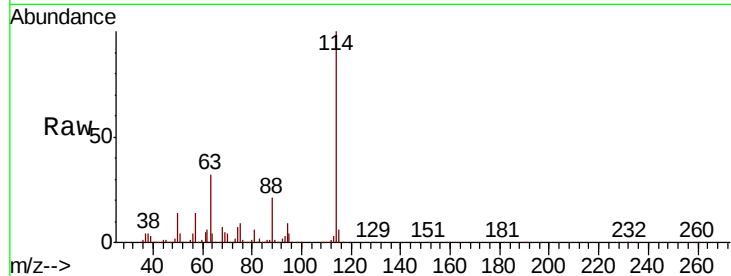
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Instrument :
MSVOA_L
ClientSampleId :
SS-3BDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	32.8	23.6	35.4
88	21.4	15.8	23.6

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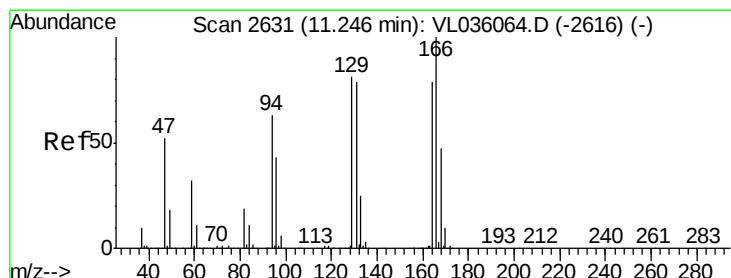
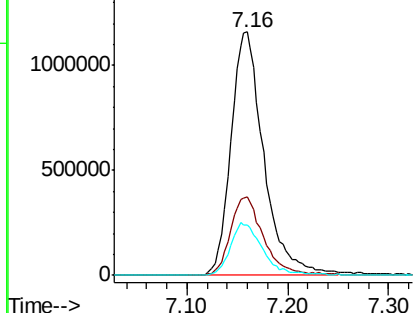
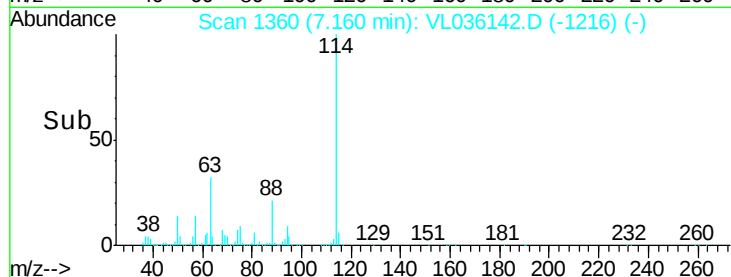


Abundance

Ion 114.10 (113.80 to 114.80): V

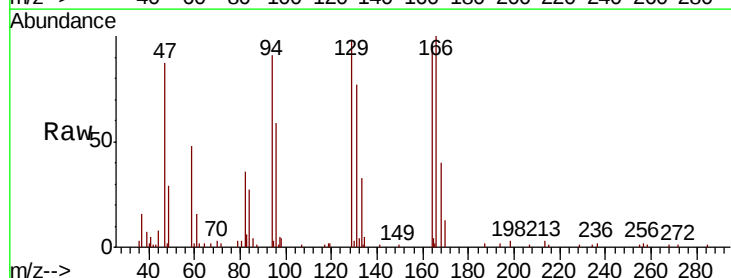
Ion 63.10 (62.80 to 63.80): V

Ion 88.10 (87.80 to 88.80): V



#52
Tetrachloroethene
Concen: 0.408 ppbv m
RT: 11.20 min Scan# 2617
Delta R.T. -0.04 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	104.4	101.9	152.9
129	102.3	82.1	123.1
131	80.7	80.8	121.2#



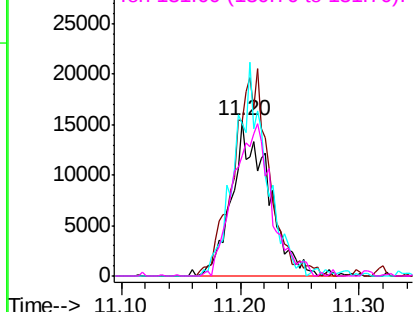
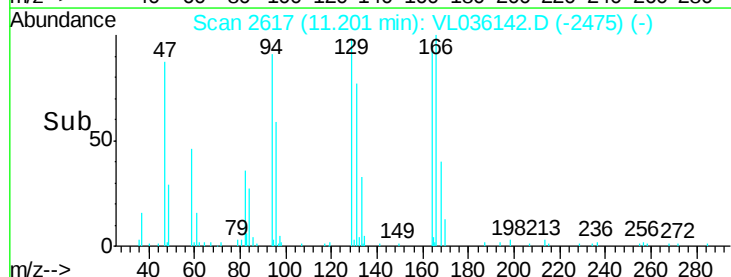
Abundance

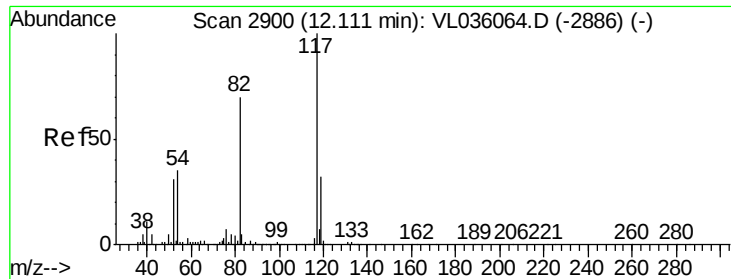
Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





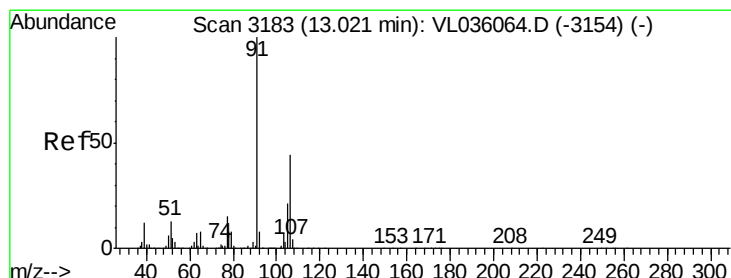
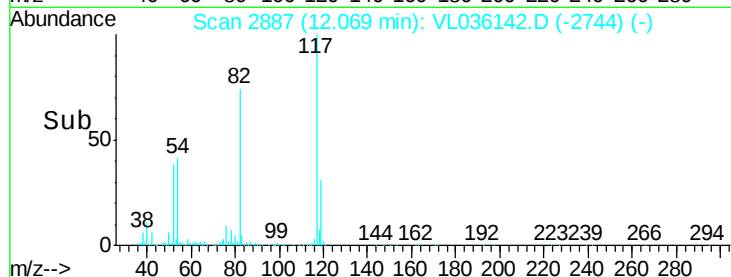
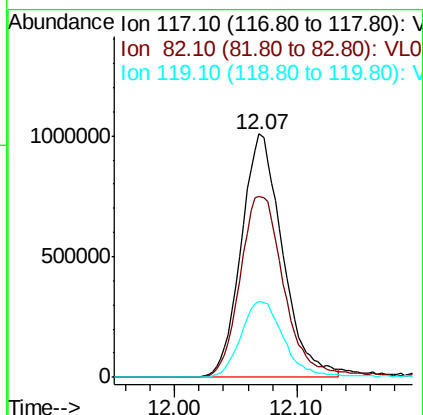
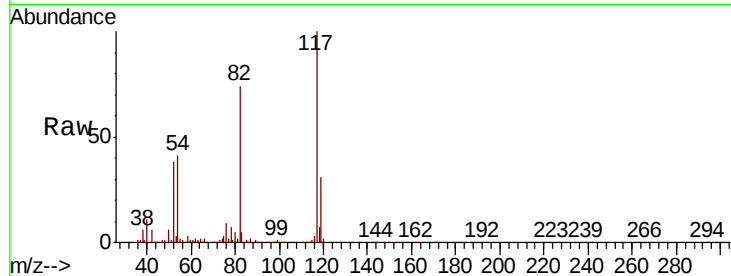
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.04 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Instrument :
MSVOA_L
ClientSampleId :
SS-3BDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	81.0	0.0	0.0#
119	33.1	0.0	0.0#

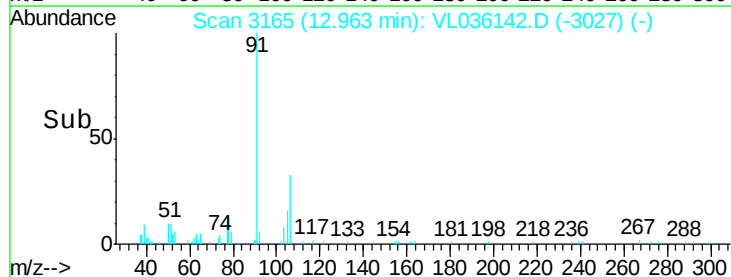
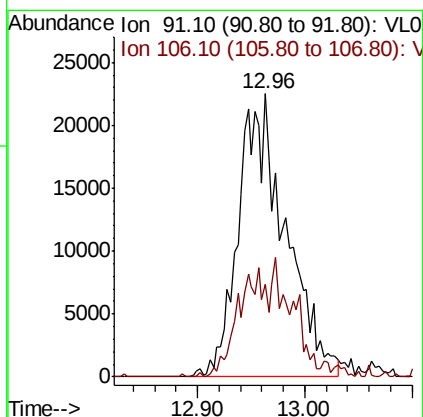
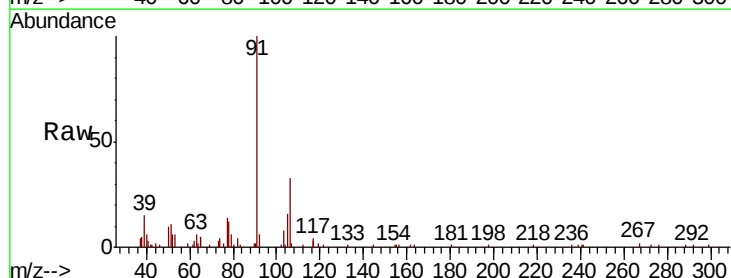
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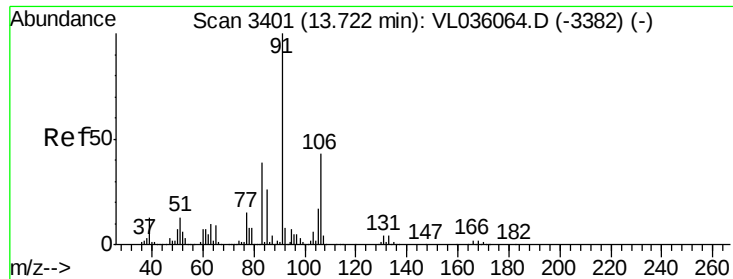
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#59
m/p-Xylene
Concen: 0.252 ppbv m
RT: 12.96 min Scan# 3165
Delta R.T. -0.06 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Tgt Ion	Ratio	Lower	Upper
91	100		
106	44.0	33.6	50.4





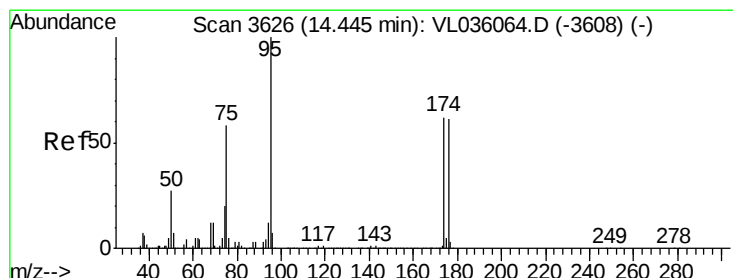
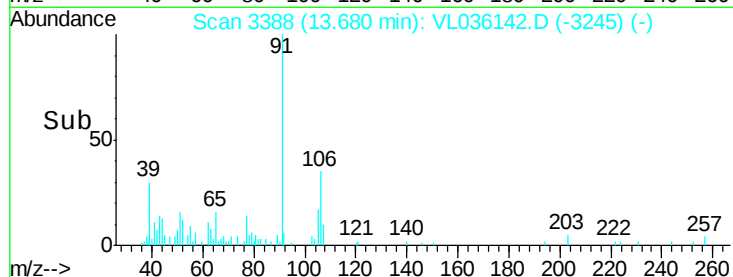
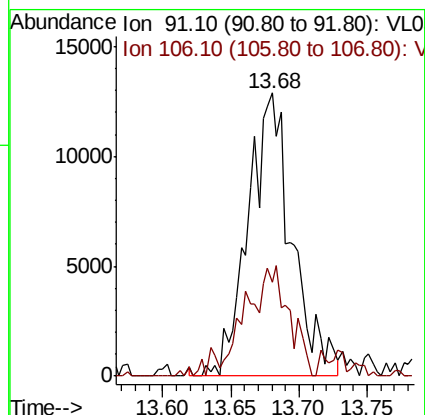
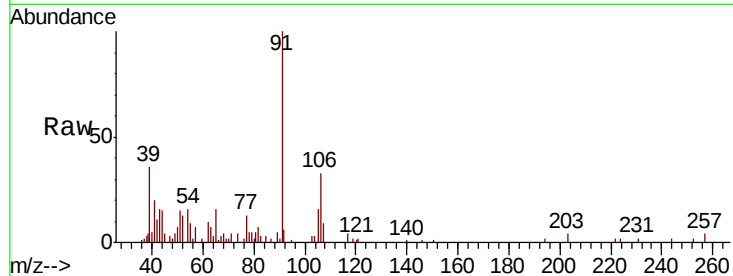
#60
o-Xylene
Concen: 0.112 ppbv m
RT: 13.68 min Scan# 3388
Delta R.T. -0.04 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Instrument :
MSVOA_L
ClientSampled :
SS-3BDL

Tot Ion: 91 Resp: 28657
Ion Ratio Lower Upper
91 100
106 45.7 21.6 64.6

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 11.262 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.05 min
Lab File: VL036142.D
Acq: 11 Dec 2020 00:09

Tgt Ion: 95 Resp: 2101539
Ion Ratio Lower Upper
95 100
174 54.4 50.7 76.1
175 4.0 4.0 6.0#

