

Data File : VV012760.D
Acq On : 14 Sep 2019 11:39
Operator : SY/MD
Sample : K4707-04DL 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0CJ5DL2

Quant Time: Sep 16 04:21:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 16 04:18:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	773636	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	728117	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	291827	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	175602	40.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.10%
7) Chloroethane-d5	1.58	69	173913	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.64%
11) 1,1-Dichloroethene-d2	2.13	63	280133	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.70%
21) 2-Butanone-d5	3.92	46	443406	97.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.52%
24) Chloroform-d	4.40	84	494303	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	316375	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
32) Benzene-d6	5.10	84	919434	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
36) 1,2-Dichloropropane-d6	6.12	67	332500	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.00%
41) Toluene-d8	7.36	98	793310	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%
43) trans-1,3-Dichloropropene-	7.66	79	129120	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.40%
47) 2-Hexanone-d5	8.13	63	232500	88.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.39%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	385258	43.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.84%
64) 1,2-Dichlorobenzene-d4	11.67	152	351438	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%

Target Compounds

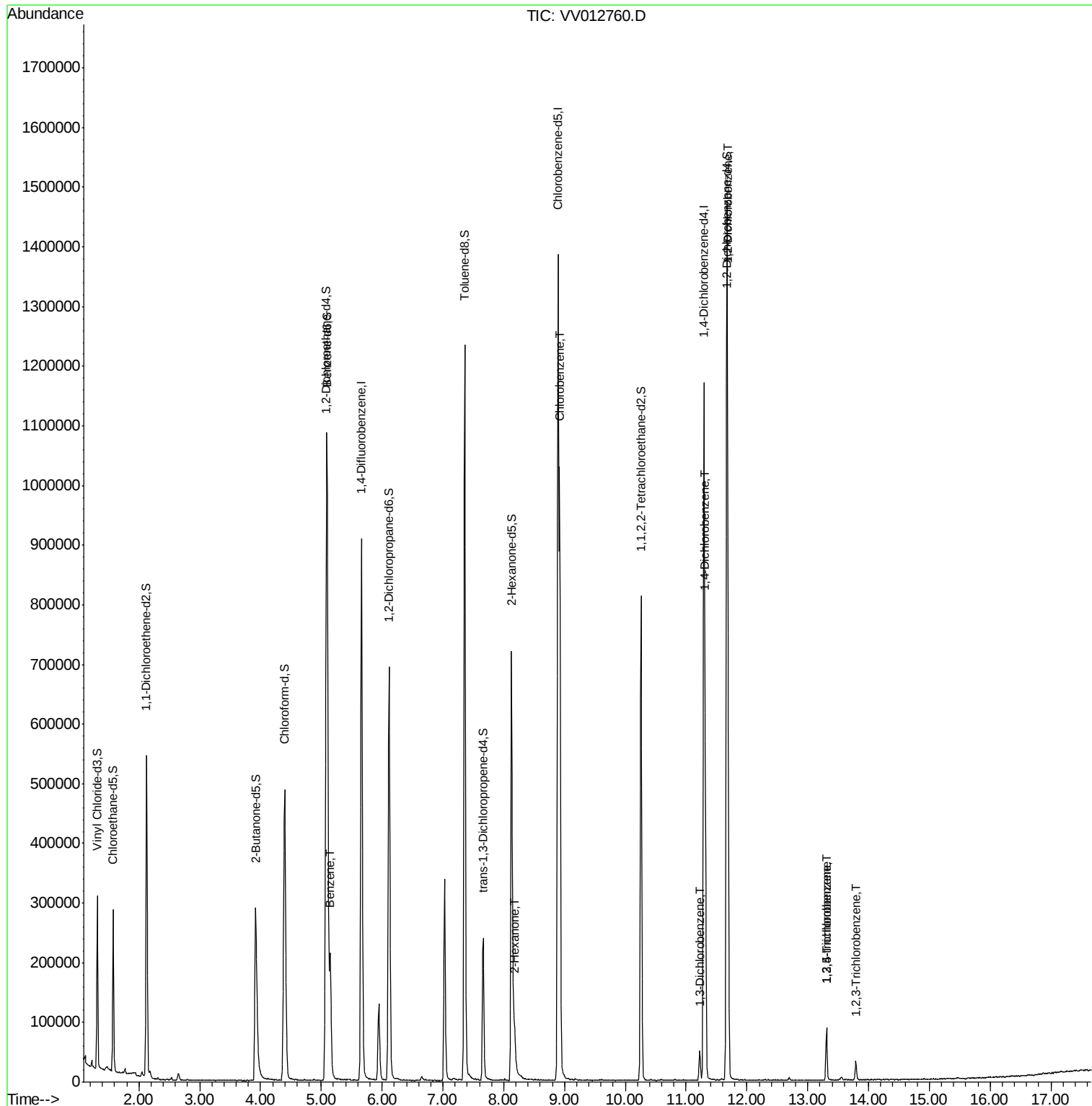
					Qvalue
33) Benzene	5.14	78	206684	10.436 ug/L	100
48) 2-Hexanone	8.18	43	47377	7.408 ug/L	# 86
51) Chlorobenzene	8.92	112	516795	36.674 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	20605	2.286 ug/L	96
63) 1,4-Dichlorobenzene	11.31	146	187745	20.305 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	270630	28.555 ug/L	99
67) 1,3,5-Trichlorobenzene	13.31	180	27448	4.122 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	27448	4.878 ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	9975	1.633 ug/L	97

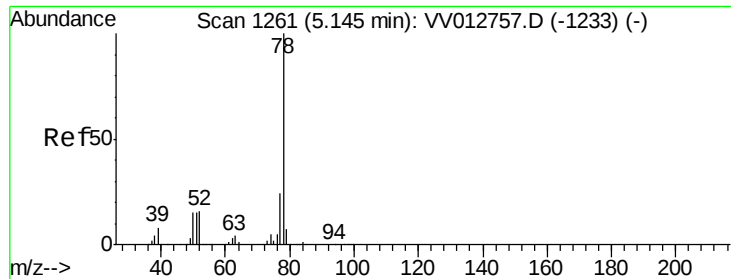
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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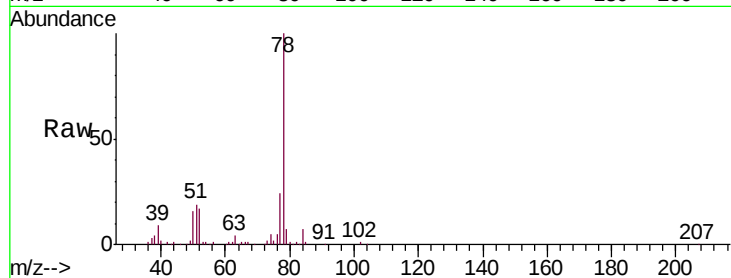




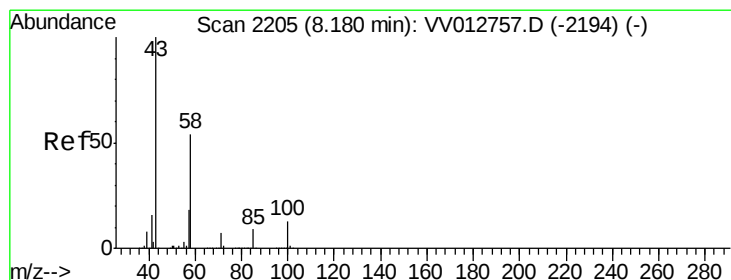
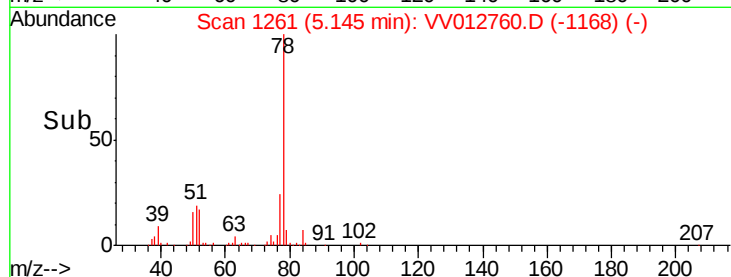
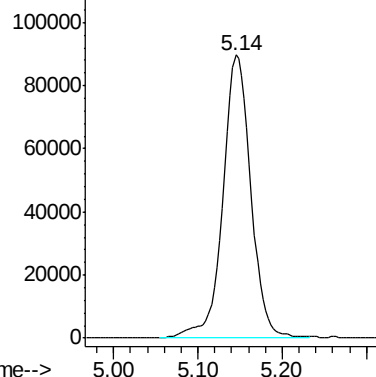
#33
Benzene
Concen: 10.436 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV012760.D
Acq: 14 Sep 2019 11:39

Instrument :
MSVOA_V
ClientSampleId :
C0CJ5DL2

Tgt Ion: 78 Resp: 206684

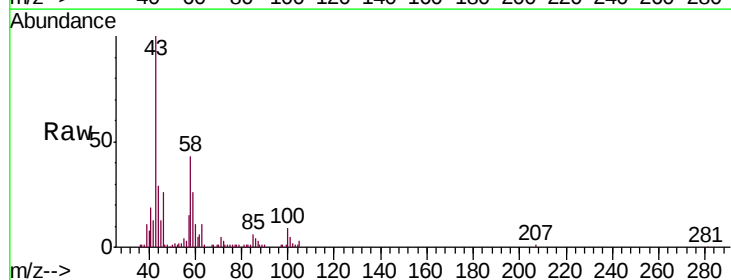


Abundance Ion 78.00 (77.70 to 78.70): VV0



#48
2-Hexanone
Concen: 7.408 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VV012760.D
Acq: 14 Sep 2019 11:39

Tgt Ion: 43 Resp: 47377
Ion Ratio Lower Upper
43 100
58 42.5 43.8 65.8#
57 13.4 14.3 21.5#
100 8.9 9.8 14.8#

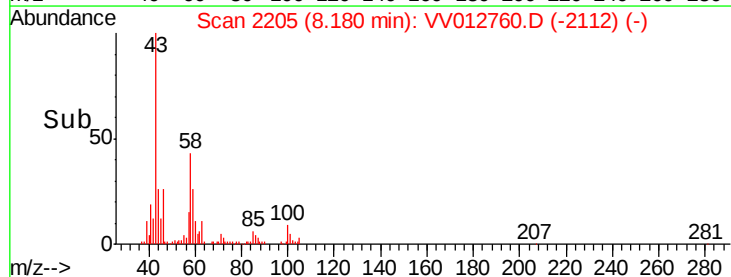
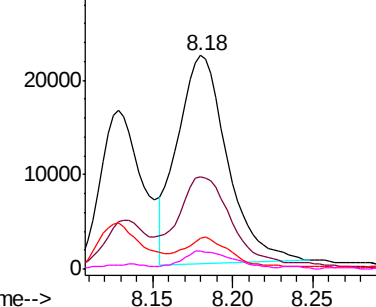


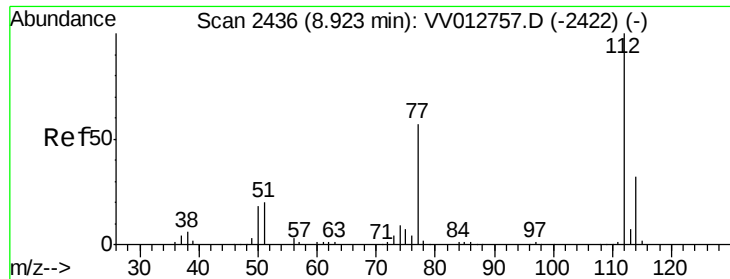
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#51

Chlorobenzene

Concen: 36.674 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV012760.D

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Instrument :

MSVOA_V

ClientSampleId :

C0CJ5DL2

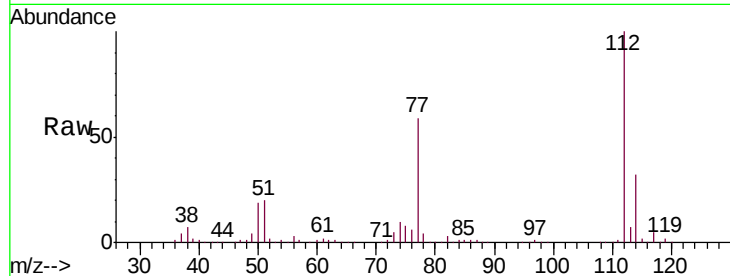
Tgt Ion:112 Resp: 516795

Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

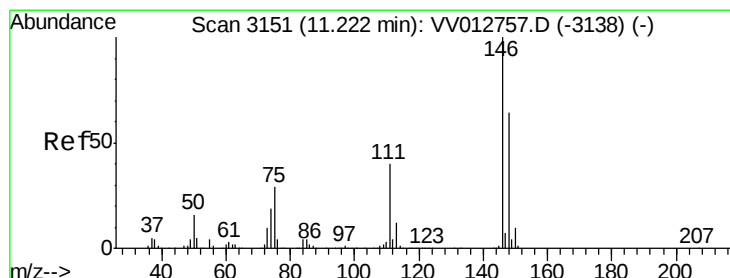
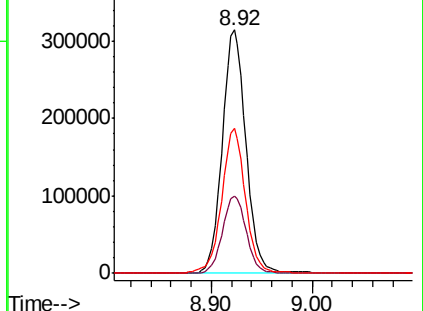
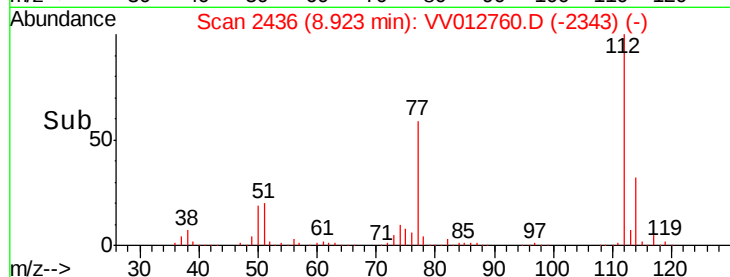
77 59.3 46.7 70.1



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#62

1,3-Dichlorobenzene

Concen: 2.286 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV012760.D

Acq: 14 Sep 2019 11:39

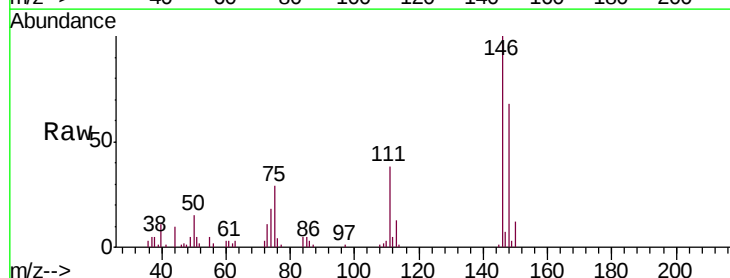
Tgt Ion:146 Resp: 20605

Ion Ratio Lower Upper

146 100

111 37.9 27.2 50.6

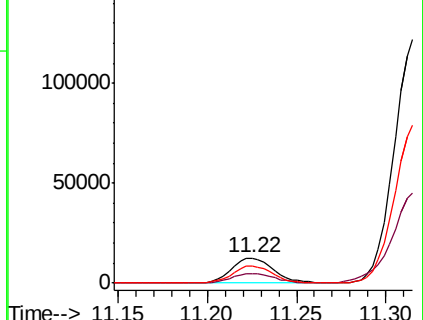
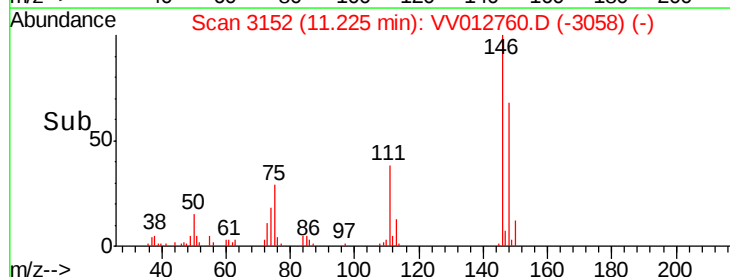
148 68.3 45.2 84.0

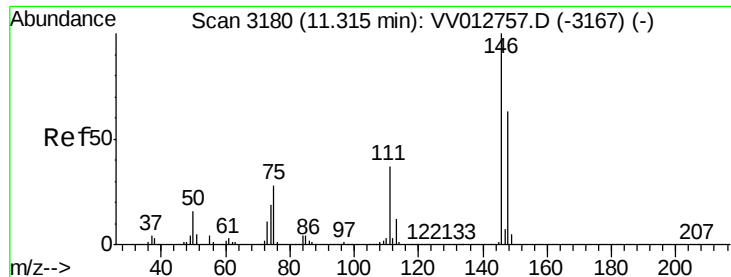


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

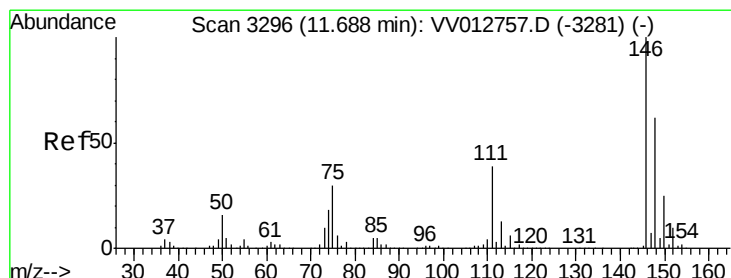
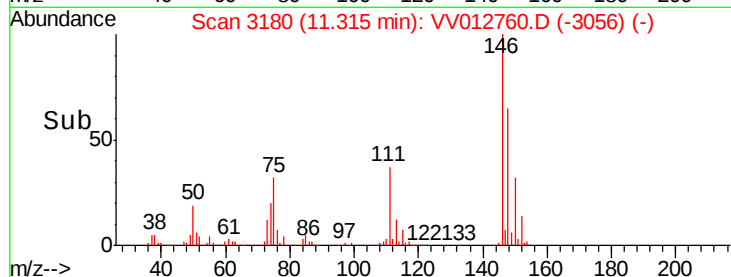
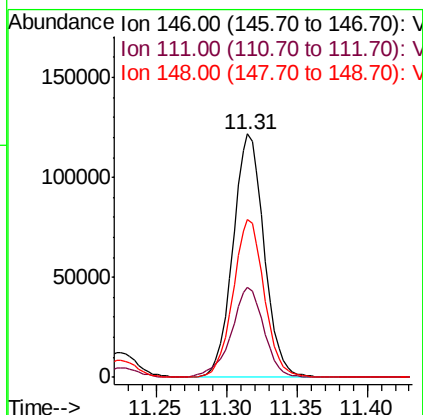
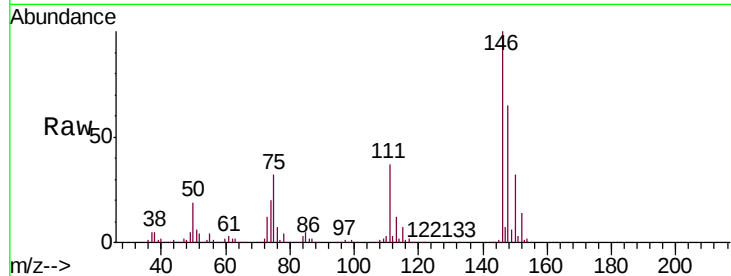




#63
 1,4-Dichlorobenzene
 Concen: 20.305 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV012760.D
 Acq: 14 Sep 2019 11:39

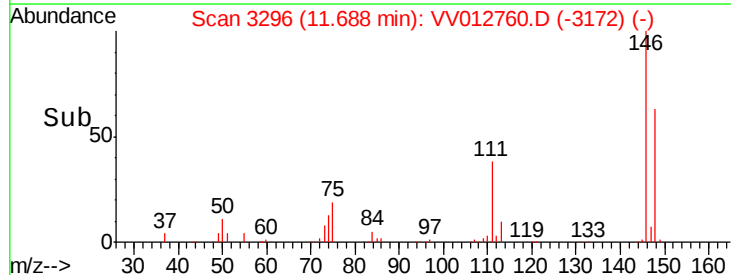
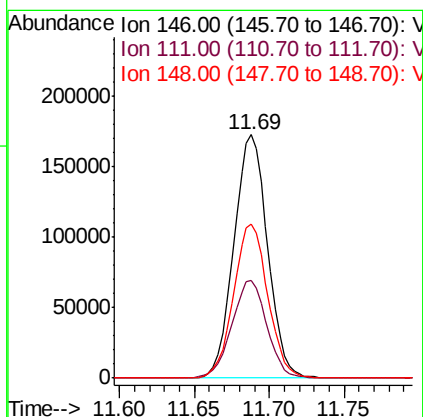
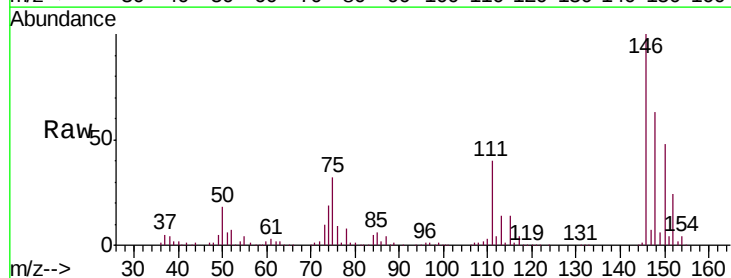
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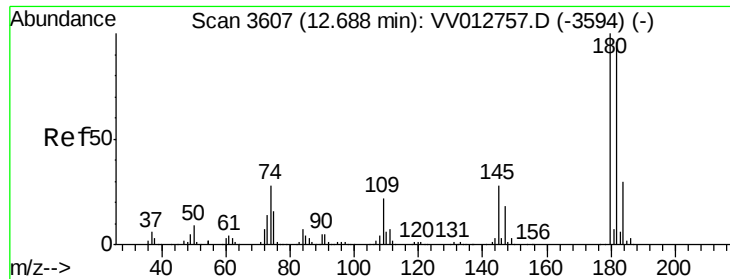
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	26.2	48.8
148	65.0	45.0	83.6



#65
 1,2-Dichlorobenzene
 Concen: 28.555 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: VV012760.D
 Acq: 14 Sep 2019 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	32.2	48.2
148	63.4	51.5	77.3

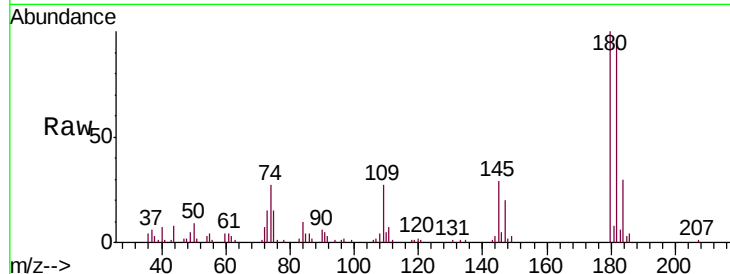




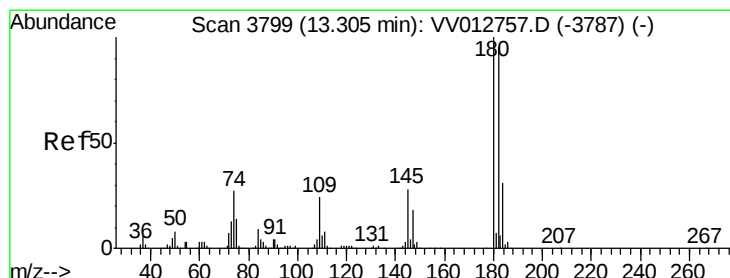
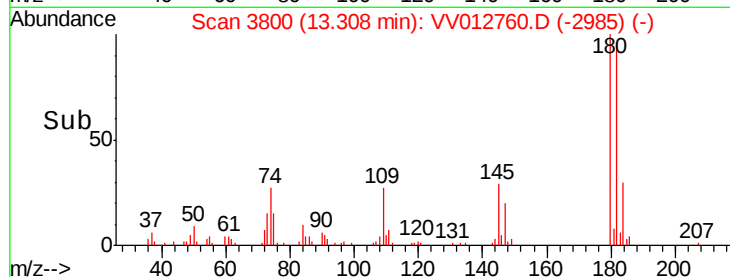
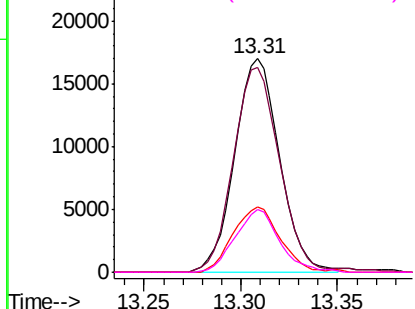
#67
 1,3,5-Trichlorobenzene
 Concen: 4.122 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.62 min
 Lab File: VV012760.D
 Acq: 14 Sep 2019 11:39

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CJ5DL2

Tgt Ion:180 Resp: 27448
 Ion Ratio Lower Upper
 180 100
 182 97.8 76.7 115.1
 184 31.5 24.4 36.6
 145 29.1 22.6 33.8

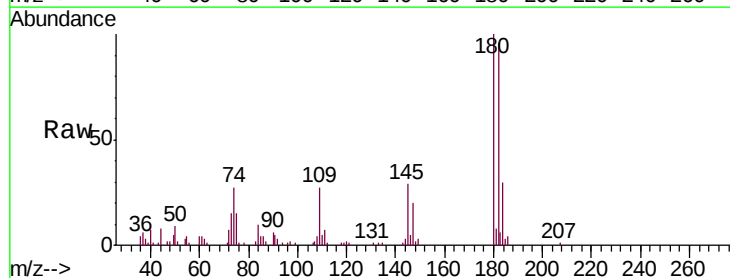


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

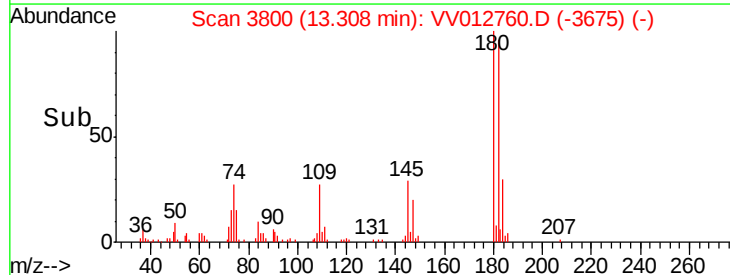
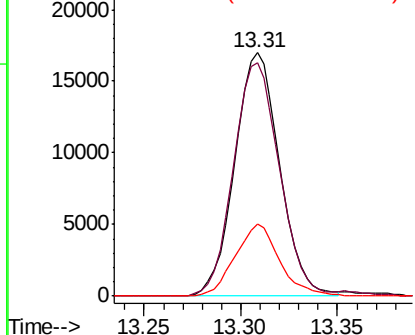


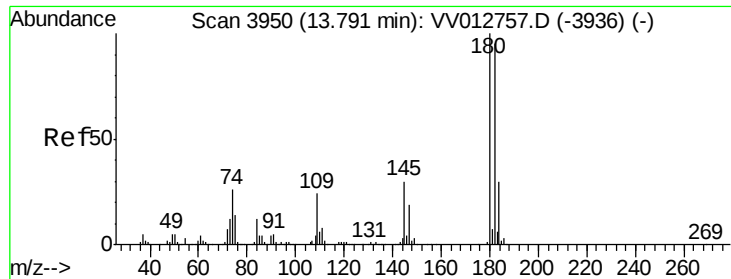
#68
 1,2,4-trichlorobenzene
 Concen: 4.878 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV012760.D
 Acq: 14 Sep 2019 11:39

Tgt Ion:180 Resp: 27448
 Ion Ratio Lower Upper
 180 100
 182 97.8 76.8 115.2
 145 29.1 23.0 34.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

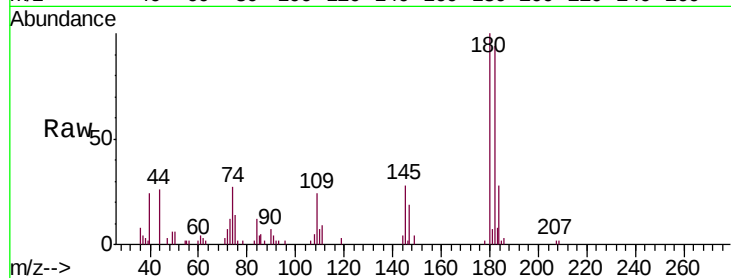




#70
 1,2,3-Trichlorobenzene
 Concen: 1.633 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV012760.D
 Acq: 14 Sep 2019 11:39

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CJ5DL2

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	75.6	113.4
145	28.6	24.2	36.2



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

