

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012742.D
 Acq On : 13 Sep 2019 21:57
 Operator : SY/MD
 Sample : K4707-04 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CJ5

Manual Integrations
 APPROVED

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 9/16/2019 1:22:29 PM

Quant Time: Sep 14 01:50:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 14 00:19:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	824694	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	781841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	342136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	215366	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.16%
7) Chloroethane-d5	1.58	69	202649	48.45	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.90%
11) 1,1-Dichloroethene-d2	2.13	63	314588m	34.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.20%
21) 2-Butanone-d5	3.92	46	477253	98.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.46%
24) Chloroform-d	4.40	84	533225	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.08	65	344436	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
32) Benzene-d6	5.10	84	1018537	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
36) 1,2-Dichloropropane-d6	6.12	67	364637	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.06%
41) Toluene-d8	7.36	98	898967	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.66	79	145901	47.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.14%
47) 2-Hexanone-d5	8.13	63	277769	98.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	454162	48.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.44%
64) 1,2-Dichlorobenzene-d4	11.67	152	411210	52.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.32%

Target Compounds

					Ovalue
33) Benzene	5.14	78	1260889	59.290	ug/L 100
51) Chlorobenzene	8.92	112	3626187	239.649	ug/L 100
62) 1,3-Dichlorobenzene	11.23	146	191707	18.141	ug/L 100
63) 1,4-Dichlorobenzene	11.32	146	1854371	171.065	ug/L 99
65) 1,2-Dichlorobenzene	11.69	146	2359921	212.386	ug/L 100
68) 1,2,4-trichlorobenzene	13.31	180	451835	68.497	ug/L 100
70) 1,2,3-Trichlorobenzene	13.79	180	147940	20.660	ug/L 97

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

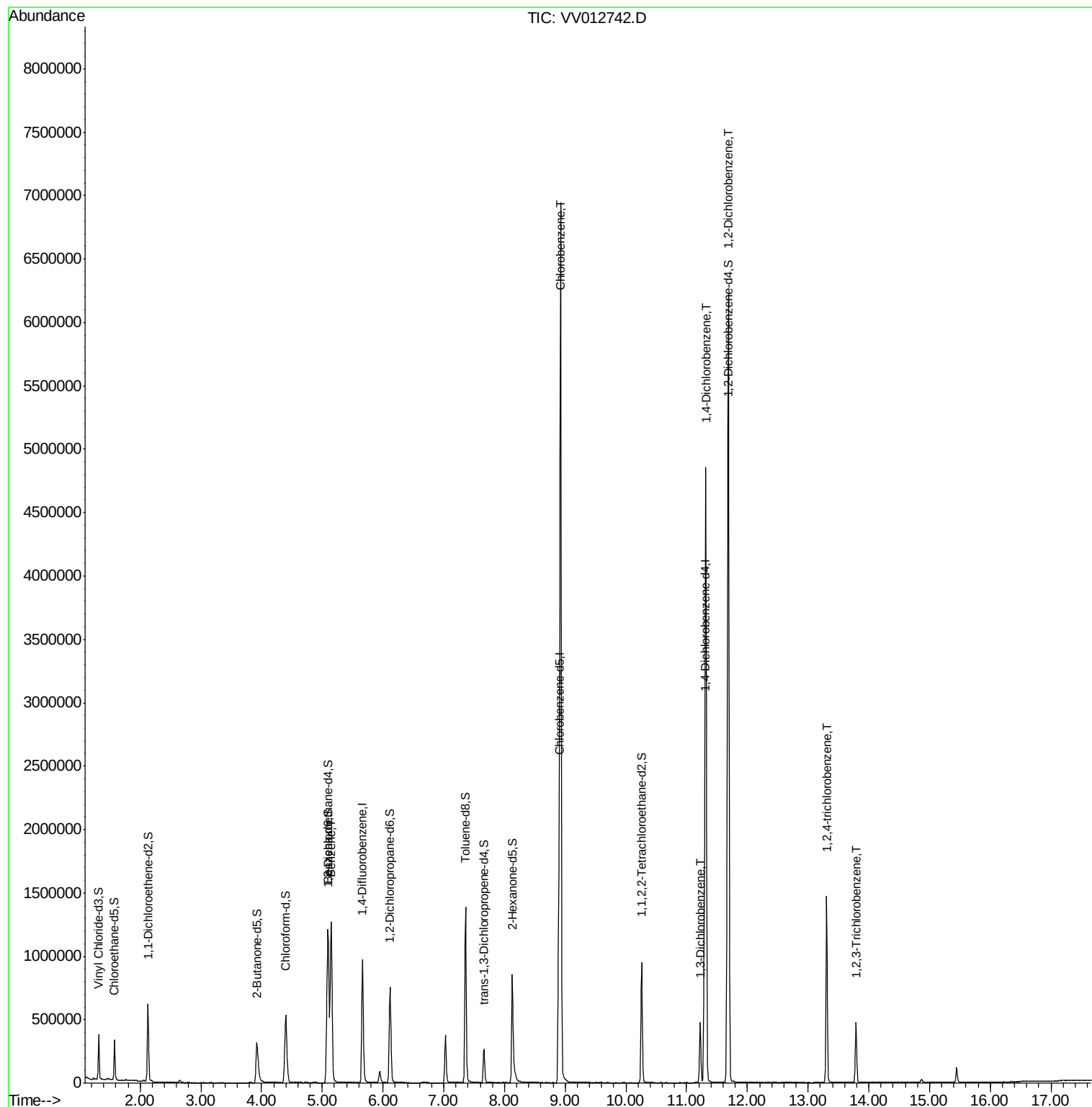
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV091319\
Data File : VV012742.D
Acq On : 13 Sep 2019 21:57
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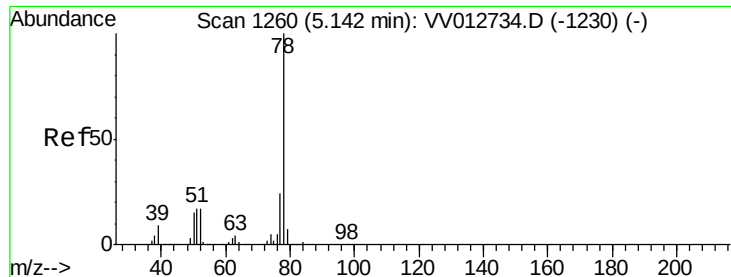
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Sep 14 01:50:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 14 00:19:14 2019
Response via : Initial Calibration





#33

Benzene

Concen: 59.290 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV012742.D

Acq: 13 Sep 2019 21:57

Instrument :

MSVOA_V

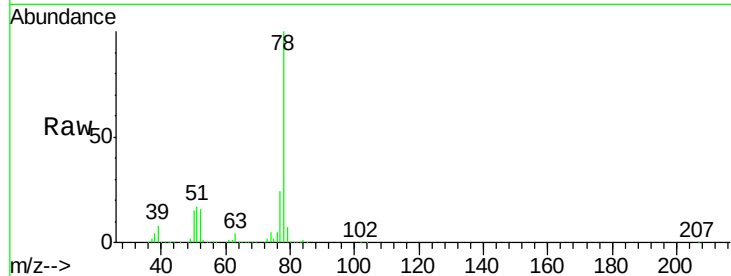
ClientSampleId :

C0CJ5

Tgt Ion: 78 Resp: 1260889

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Abundance Ion 78.00 (77.70 to 78.70): VV0

5.14

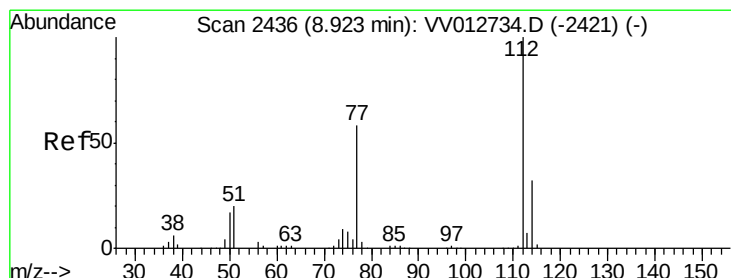
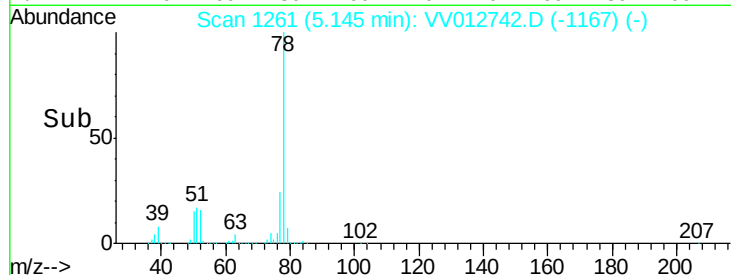
600000

400000

200000

0

Time-->



#51

Chlorobenzene

Concen: 239.649 ug/L

RT: 8.92 min Scan# 2436

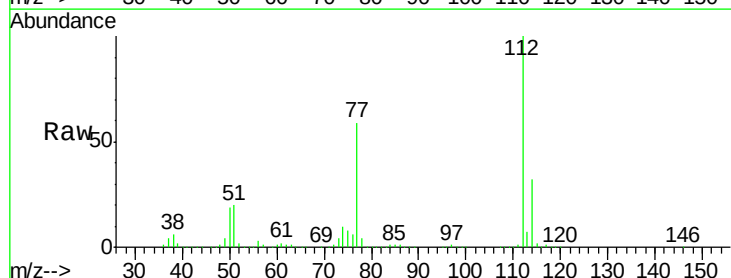
Delta R.T. -0.00 min

Lab File: VV012742.D

Acq: 13 Sep 2019 21:57

Tgt Ion: 112 Resp: 3626187

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.4	41.6
77	58.7	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): VV0

8.92

3000000

2500000

2000000

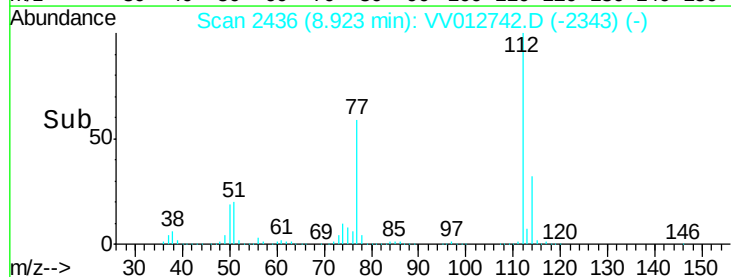
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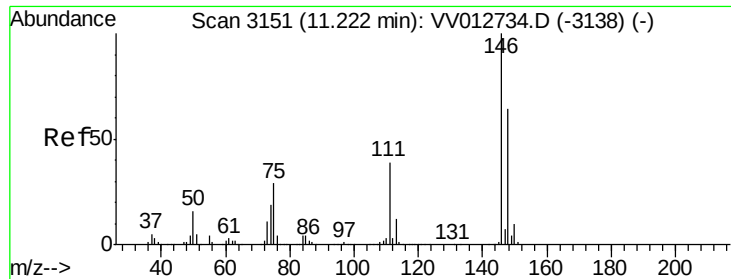
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Time-->





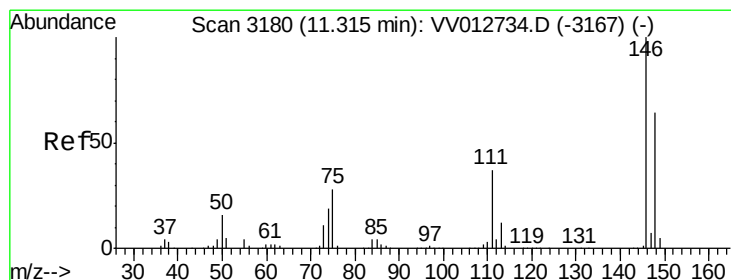
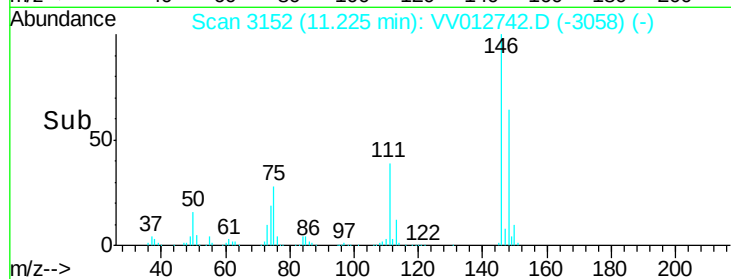
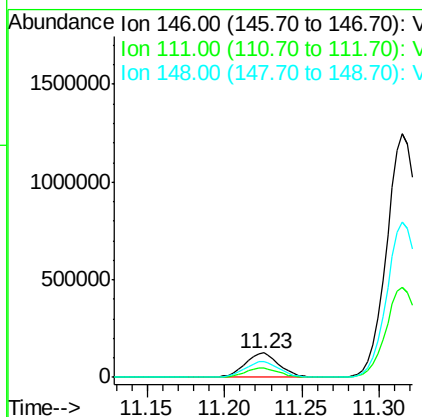
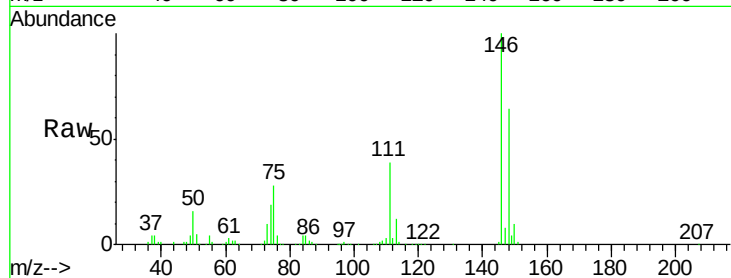
#62
 1,3-Dichlorobenzene
 Concen: 18.141 ug/L
 RT: 11.23 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: VV012742.D
 Acq: 13 Sep 2019 21:57

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CJ5

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	27.2	50.6
148	64.4	45.2	84.0

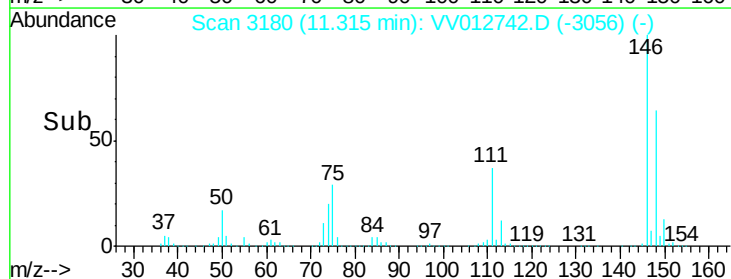
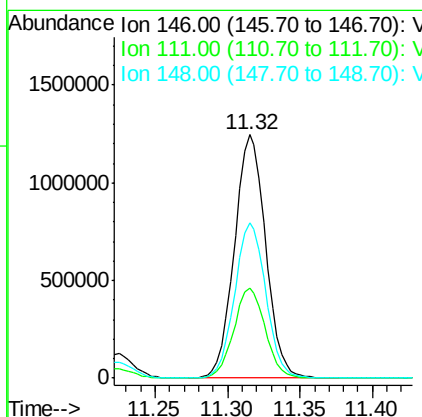
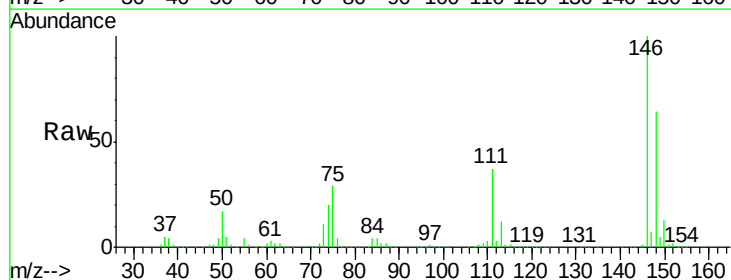
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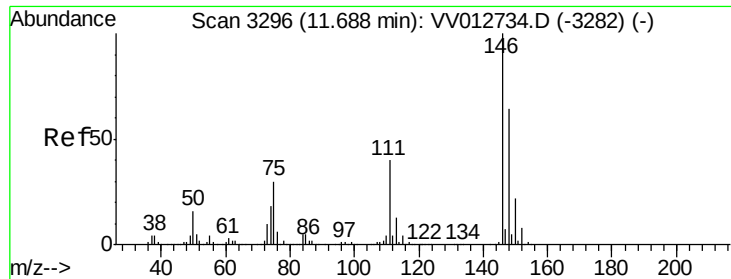
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#63
 1,4-Dichlorobenzene
 Concen: 171.065 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: VV012742.D
 Acq: 13 Sep 2019 21:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	26.2	48.8
148	63.9	45.0	83.6





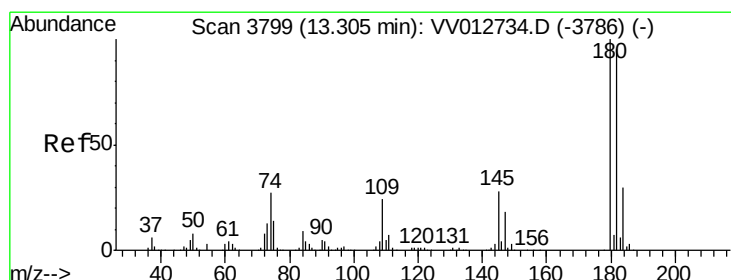
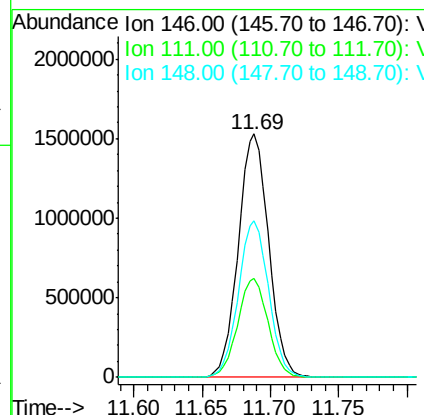
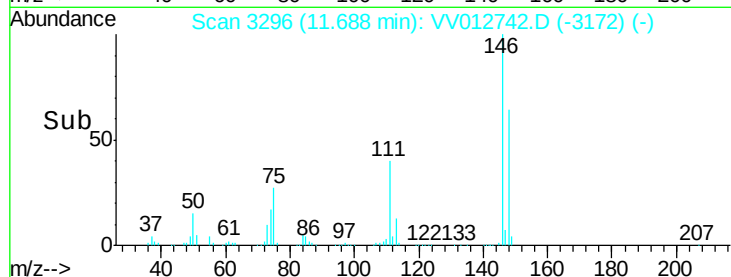
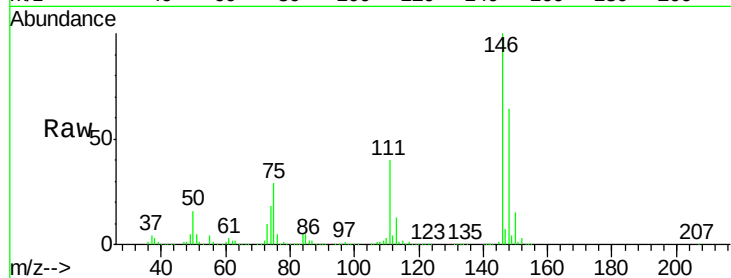
#65
 1,2-Dichlorobenzene
 Concen: 212.386 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. -0.00 min
 Lab File: VV012742.D
 Acq: 13 Sep 2019 21:57

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CJ5

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	32.2	48.2
148	64.3	51.5	77.3

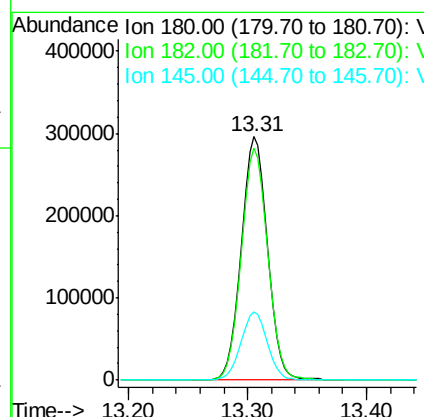
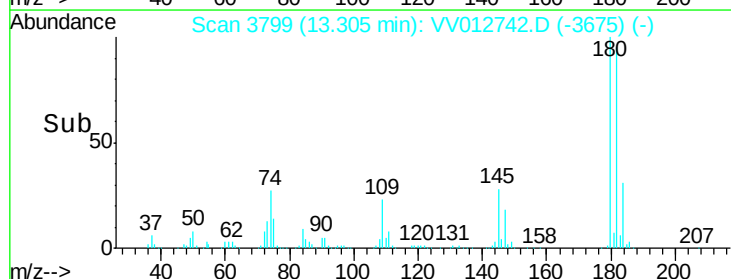
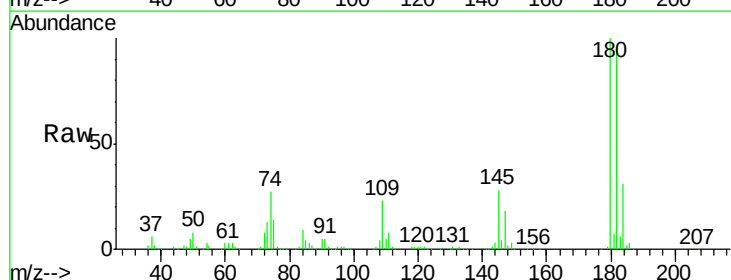
Manual Integrations
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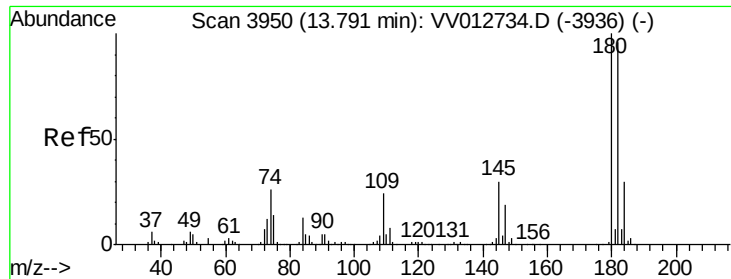
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#68
 1,2,4-trichlorobenzene
 Concen: 68.497 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. -0.00 min
 Lab File: VV012742.D
 Acq: 13 Sep 2019 21:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.8	115.2
145	28.2	23.0	34.4





#70
 1,2,3-Trichlorobenzene
 Concen: 20.660 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VV012742.D
 Acq: 13 Sep 2019 21:57

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CJ5

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147940		
182	97.1		75.6	113.4
145	31.4		24.2	36.2

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