

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092618\
 Data File : VV007881.D
 Acq On : 26 Sep 2018 14:08
 Operator : SY/MD
 Sample : J5036-05DL 500X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08W9DL

Quant Time: Sep 27 05:08:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 27 04:55:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	187581	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181041	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94035	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48687	41.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.82%
7) Chloroethane-d5	1.59	69	44843	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.32%
11) 1,1-Dichloroethene-d2	2.14	63	82616	32.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.94%
21) 2-Butanone-d5	3.96	46	55917	70.56	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.56%
24) Chloroform-d	4.41	84	108464	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
26) 1,2-Dichloroethane-d4	5.09	65	82026	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
32) Benzene-d6	5.11	84	226364	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
36) 1,2-Dichloropropane-d6	6.13	67	72256	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.18%
41) Toluene-d8	7.36	98	216469	44.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.58%
43) trans-1,3-Dichloropropene-	7.67	79	31275	43.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.54%
47) 2-Hexanone-d5	8.14	63	61920	96.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.57%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	103041	45.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.96%
64) 1,2-Dichlorobenzene-d4	11.68	152	99848	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%

Target Compounds

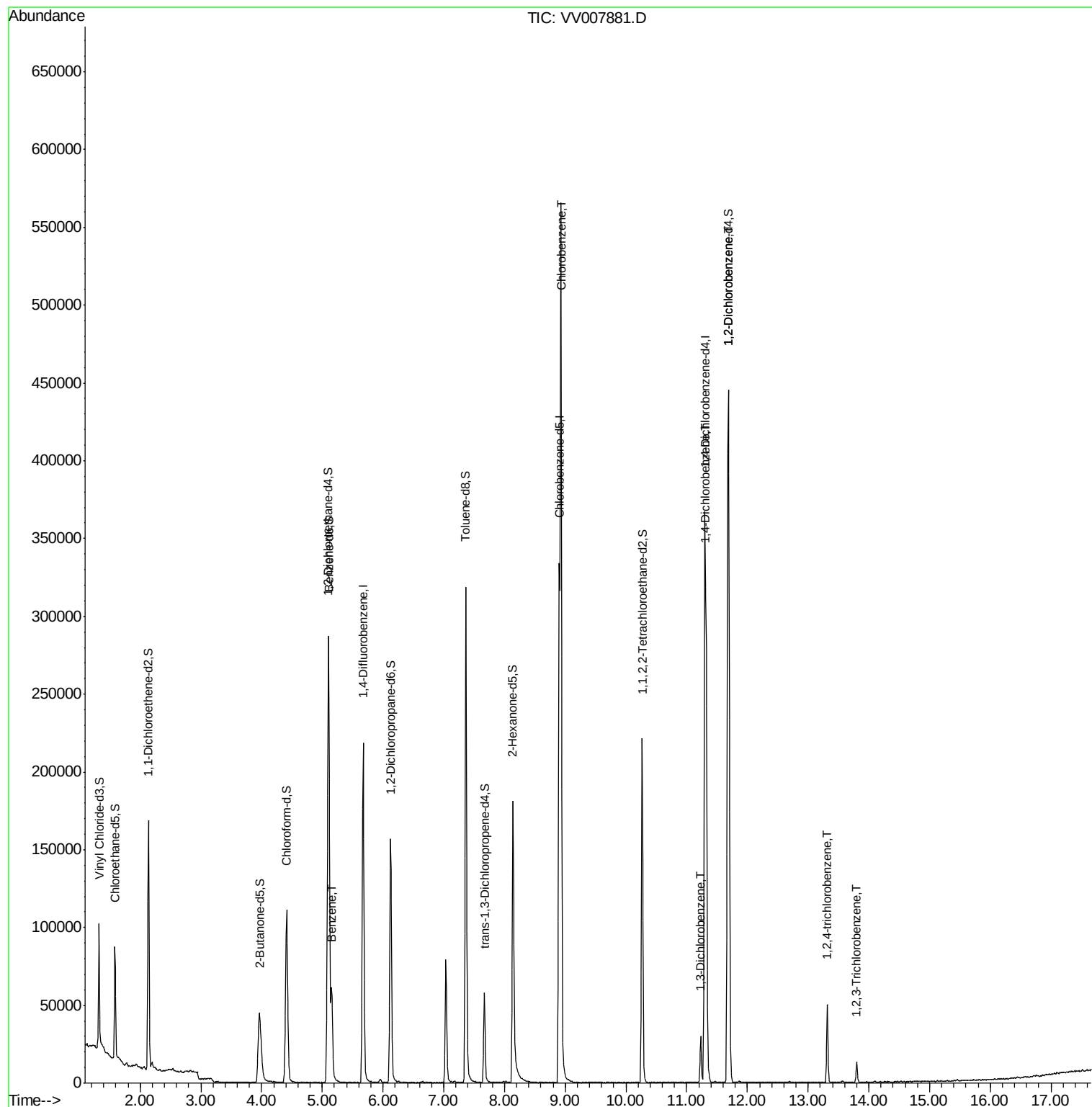
					Ovalue
33) Benzene	5.15	78	52502	10.784	ug/L 100
51) Chlorobenzene	8.93	112	293463	77.297	ug/L 99
62) 1,3-Dichlorobenzene	11.23	146	12784	4.345	ug/L 98
63) 1,4-Dichlorobenzene	11.32	146	108980	34.856	ug/L 98
65) 1,2-Dichlorobenzene	11.69	146	129594	42.445	ug/L 98
68) 1,2,4-trichlorobenzene	13.32	180	16506	7.887	ug/L 97
70) 1,2,3-Trichlorobenzene	13.80	180	4377	2.066	ug/L 98

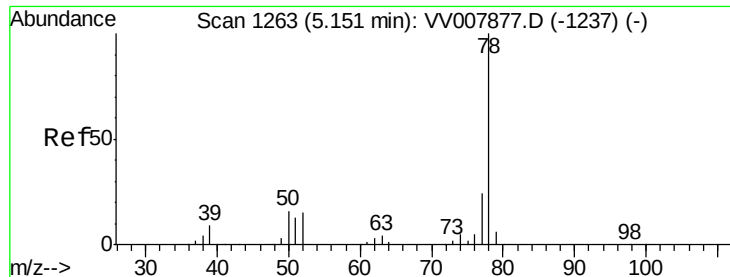
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 10.784 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VV007881.D

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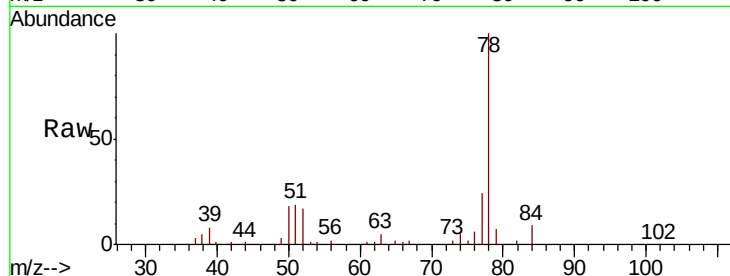
Instrument :

MSVOA_V

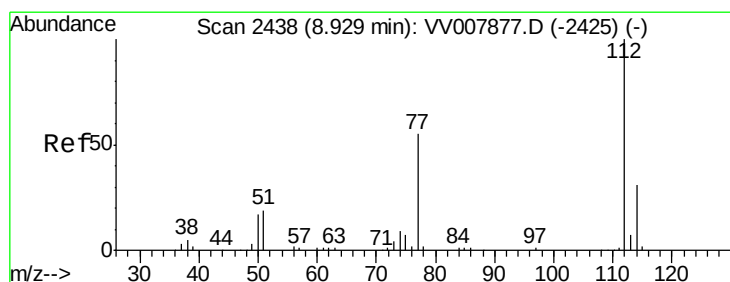
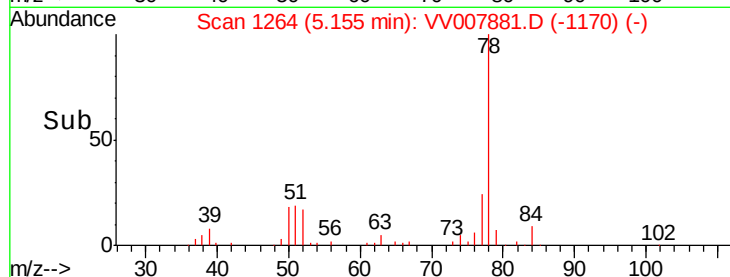
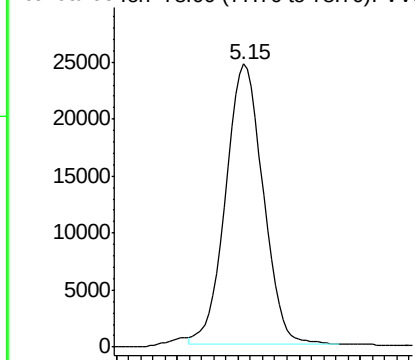
ClientSampleId :

C08W9DL

Tgt Ion: 78 Resp: 52502



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 77.297 ug/L

RT: 8.93 min Scan# 2438

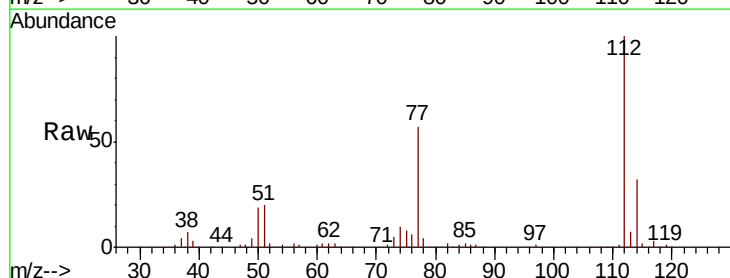
Delta R.T. -0.00 min

Lab File: VV007881.D

Acq: 26 Sep 2018 14:08

Tgt Ion: 112 Resp: 293463

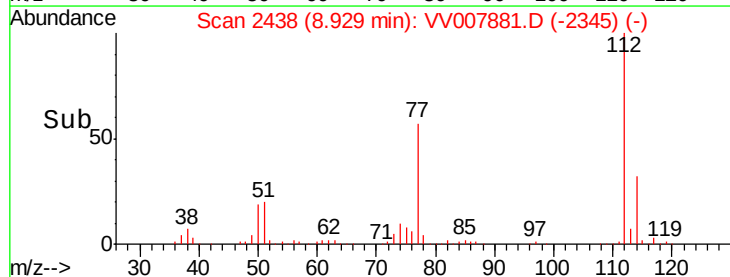
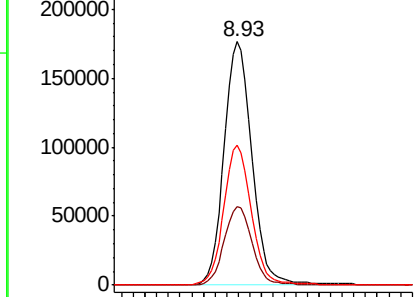
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.5
77	57.3	45.2	67.8

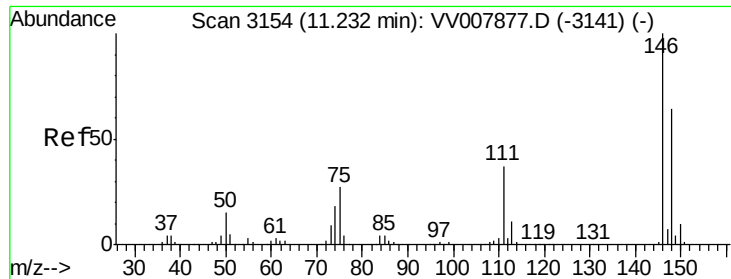


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

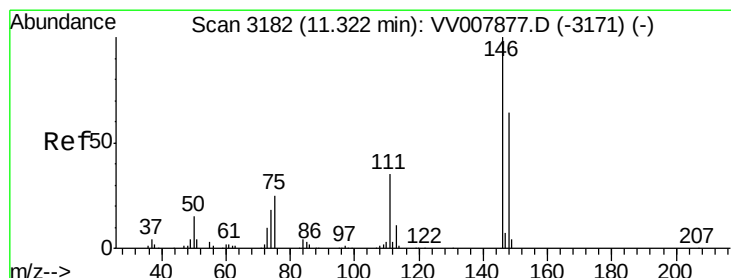
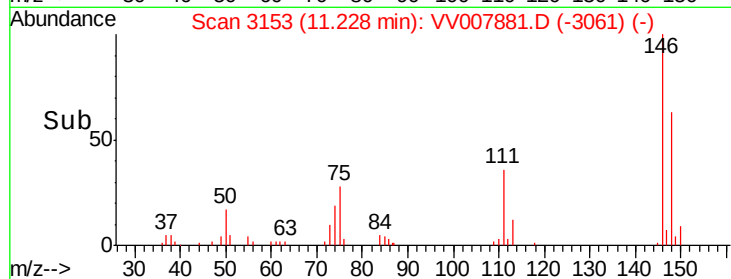
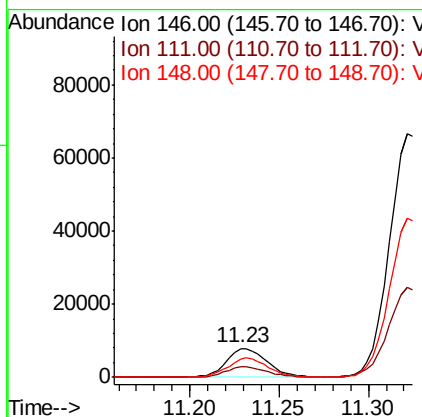
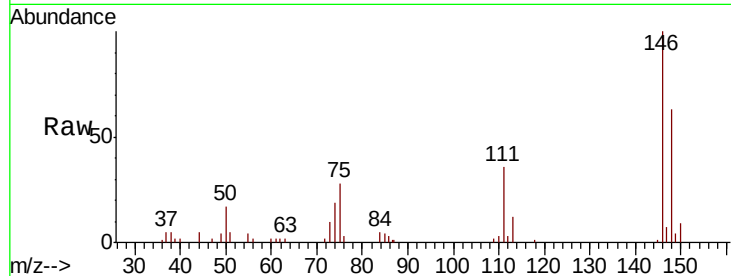




#62
 1,3-Dichlorobenzene
 Concen: 4.345 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: VV007881.D
 Acq: 26 Sep 2018 14:08

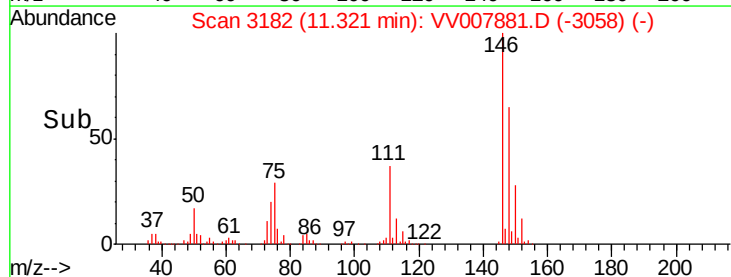
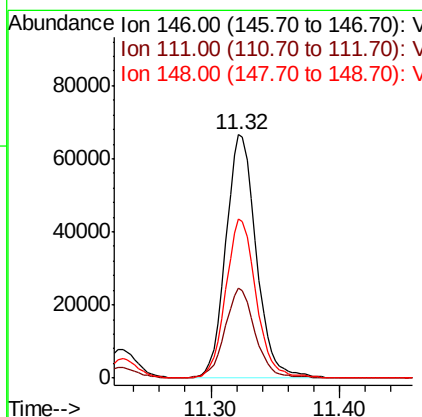
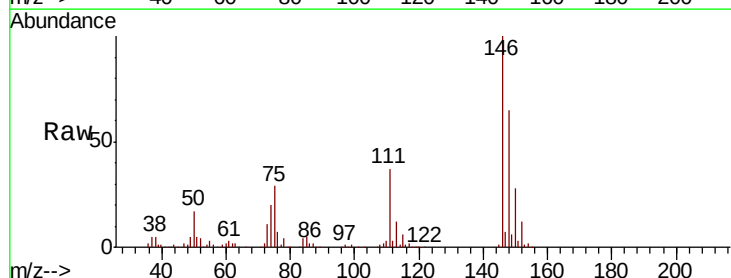
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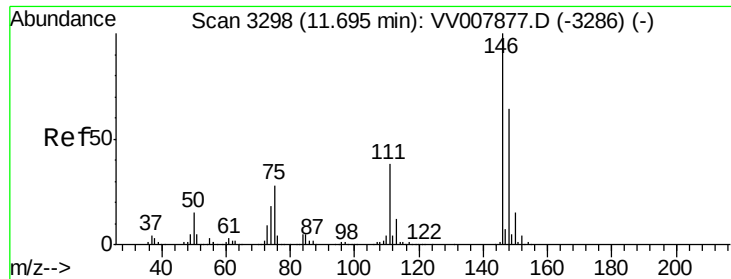
Tot Ion:146 Resp: 12784
 Ion Ratio Lower Upper
 146 100
 111 35.7 25.6 47.4
 148 62.6 45.4 84.2



#63
 1,4-Dichlorobenzene
 Concen: 34.856 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV007881.D
 Acq: 26 Sep 2018 14:08

Tgt Ion:146 Resp: 108980
 Ion Ratio Lower Upper
 146 100
 111 36.8 25.2 46.8
 148 65.3 44.2 82.0

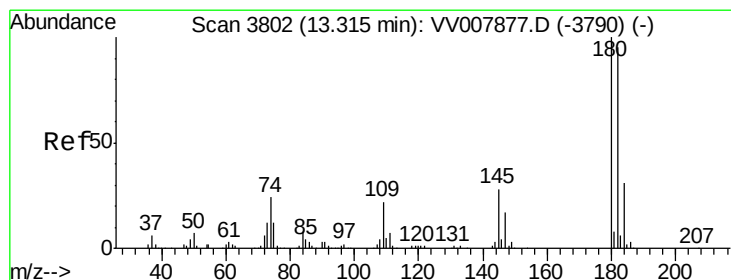
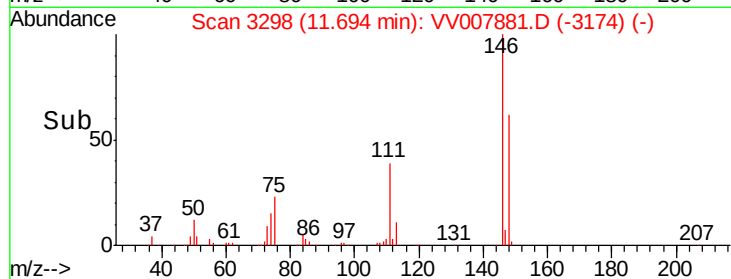
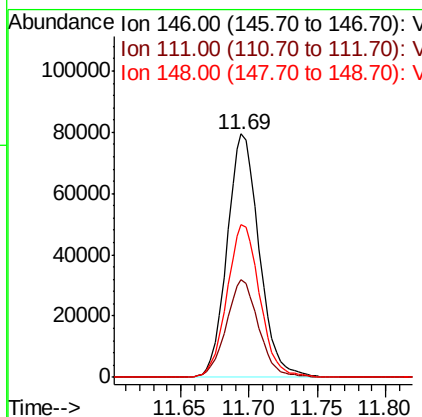
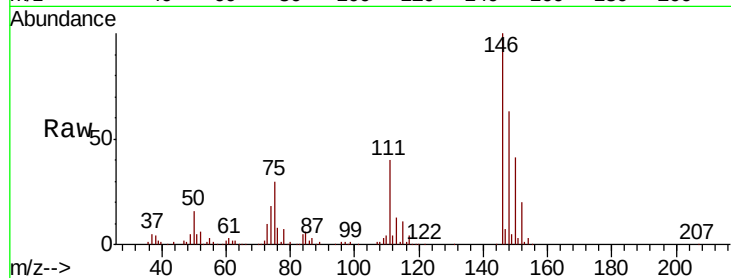




#65
 1,2-Dichlorobenzene
 Concen: 42.445 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV007881.D
 Acq: 26 Sep 2018 14:08

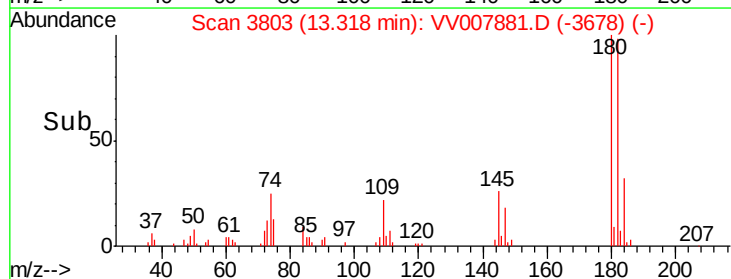
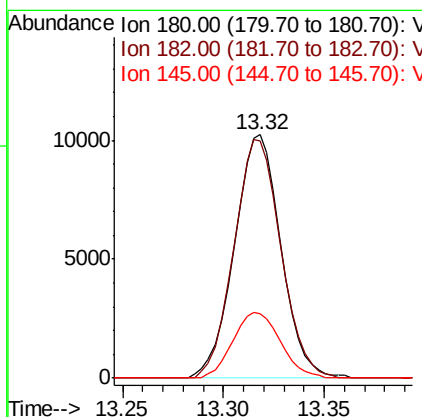
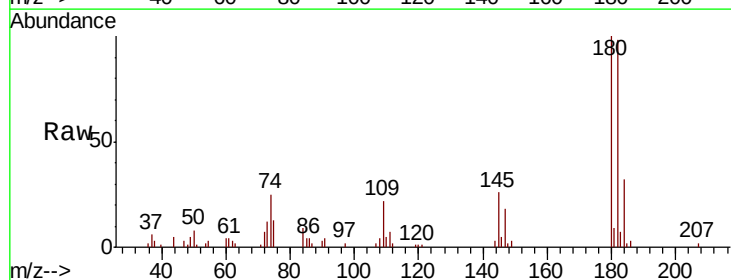
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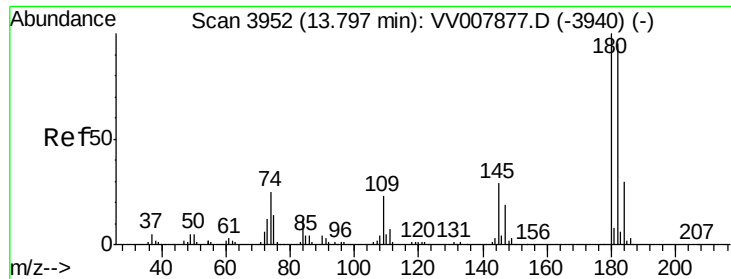
Tot Ion:146 Resp: 129594
 Ion Ratio Lower Upper
 146 100
 111 39.9 31.2 46.8
 148 62.7 51.5 77.3



#68
 1,2,4-trichlorobenzene
 Concen: 7.887 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV007881.D
 Acq: 26 Sep 2018 14:08

Tgt Ion:180 Resp: 16506
 Ion Ratio Lower Upper
 180 100
 182 98.7 76.6 115.0
 145 27.5 22.7 34.1





#70
 1,2,3-Trichlorobenzene
 Concen: 2.066 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV007881.D
 Acq: 26 Sep 2018 14:08

Instrument :
 MSVOA_V
 ClientSampleId :
 C08W9DL

Tot Ion:180 Resp: 4377
 Ion Ratio Lower Upper
 180 100
 182 97.9 76.7 115.1
 145 30.4 23.6 35.4

