

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007825.D
 Acq On : 24 Sep 2018 18:58
 Operator : SY/MD
 Sample : J5012-02 20X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08K4

Quant Time: Sep 25 04:33:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 04:04:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	194251	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	187191	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38928	36.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.74%
7) Chloroethane-d5	1.59	69	40469	42.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.36%
11) 1,1-Dichloroethene-d2	2.14	63	76054	30.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.10%
21) 2-Butanone-d5	3.95	46	63067	90.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.45%
24) Chloroform-d	4.41	84	93944	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.12%
26) 1,2-Dichloroethane-d4	5.09	65	64588	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.60%
32) Benzene-d6	5.11	84	183177	42.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.14%
36) 1,2-Dichloropropane-d6	6.13	67	55233	43.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.94%
41) Toluene-d8	7.36	98	184238	40.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.96%
43) trans-1,3-Dichloropropene-	7.67	79	24446	38.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.32%
47) 2-Hexanone-d5	8.14	63	47801	85.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.43%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	84713	42.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.42%
64) 1,2-Dichlorobenzene-d4	11.68	152	93255	43.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.98%

Target Compounds

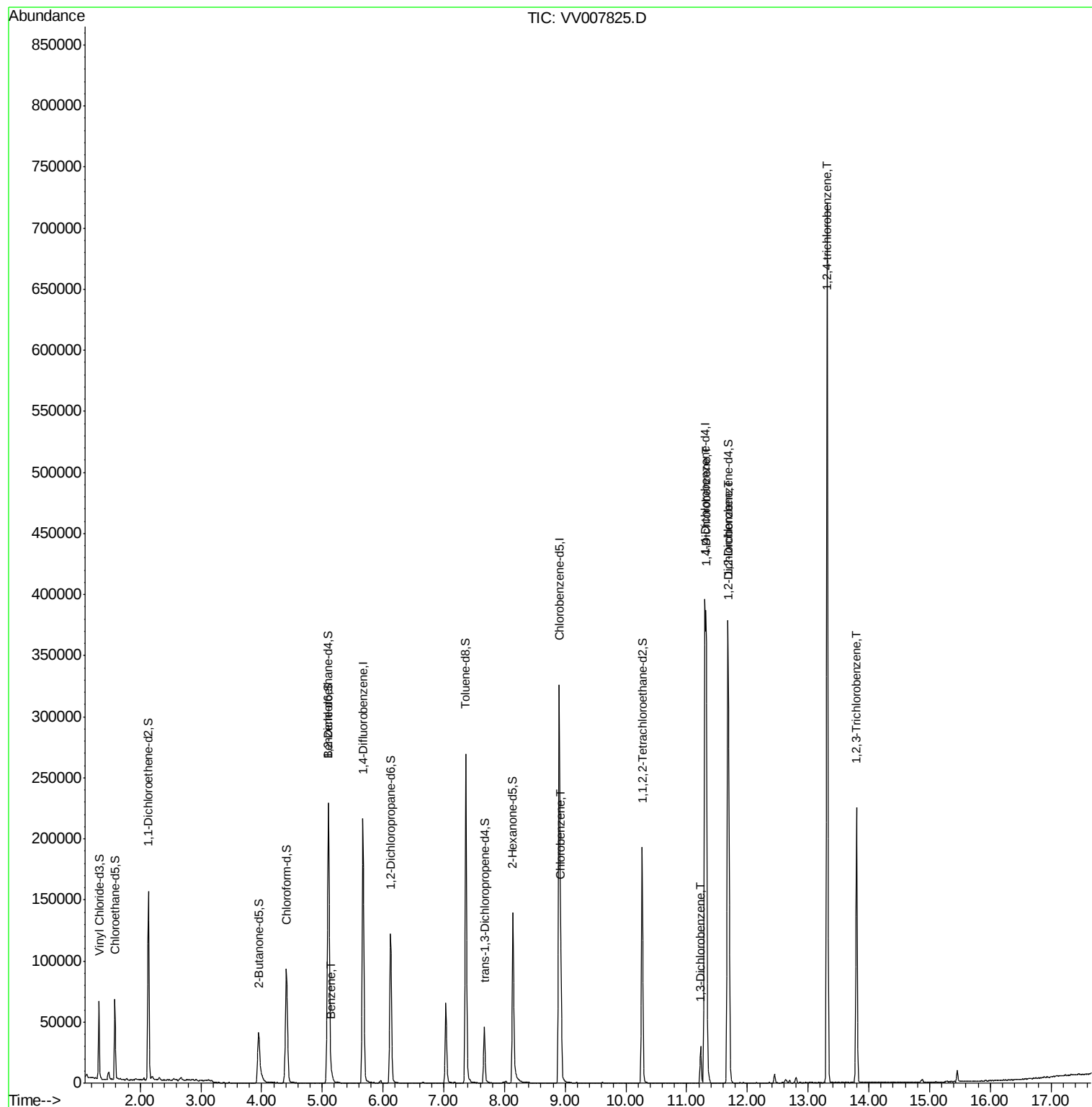
					Ovalue
33) Benzene	5.15	78	5714	1.274	ug/L 100
51) Chlorobenzene	8.93	112	53551	13.988	ug/L 98
62) 1,3-Dichlorobenzene	11.23	146	13226	4.047	ug/L 98
63) 1,4-Dichlorobenzene	11.32	146	151419	44.672	ug/L 99
65) 1,2-Dichlorobenzene	11.69	146	88473	26.775	ug/L 100
68) 1,2,4-trichlorobenzene	13.31	180	233315	94.720	ug/L 100
70) 1,2,3-Trichlorobenzene	13.80	180	73842	29.659	ug/L 99

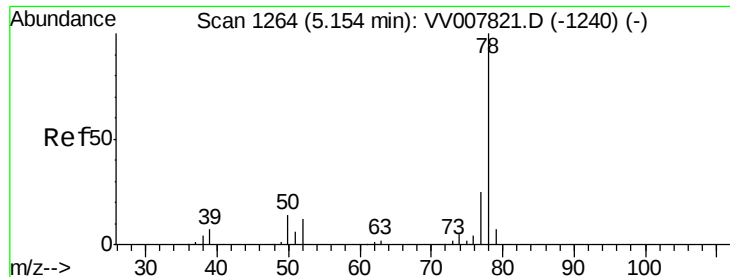
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 1.274 ug/L

RT: 5.15 min Scan# 1263

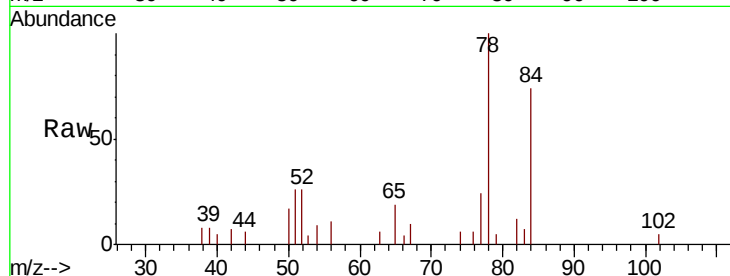
Delta R.T. -0.00 min

Lab File: VV007825.D

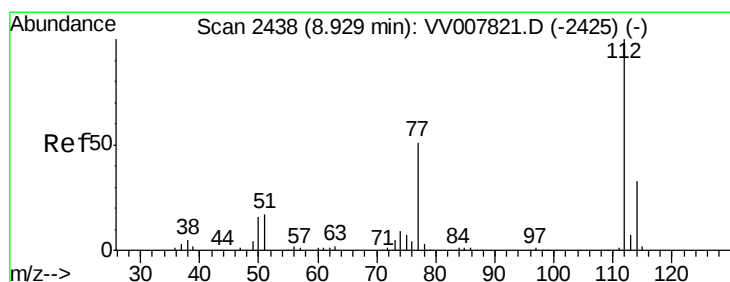
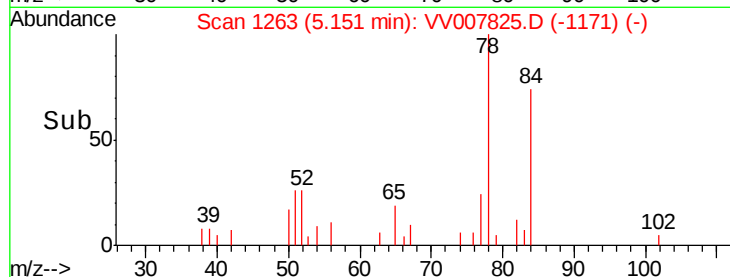
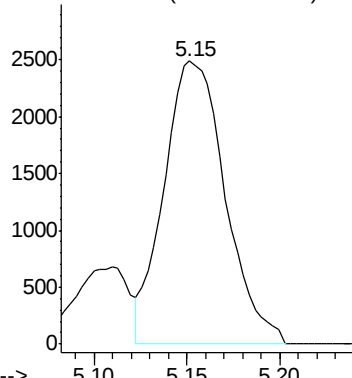
Acq: 24 Sep 2018 18:58

Instrument :
MSVOA_V
ClientSampleId :
C08K4

Tgt Ion: 78 Resp: 5714



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 13.988 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007825.D

Acq: 24 Sep 2018 18:58

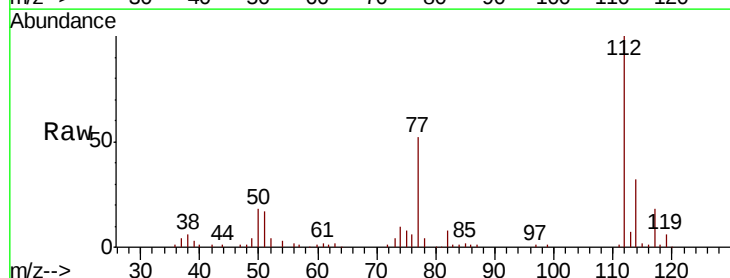
Tgt Ion: 112 Resp: 53551

Ion Ratio Lower Upper

112 100

114 32.5 22.3 41.3

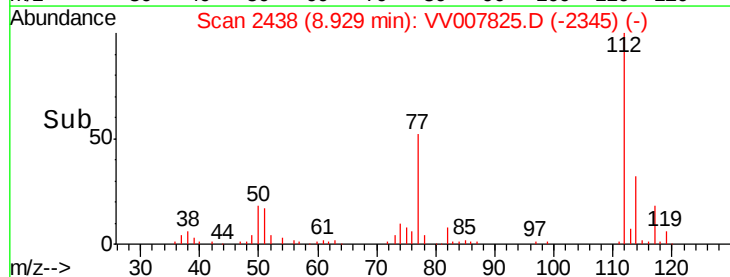
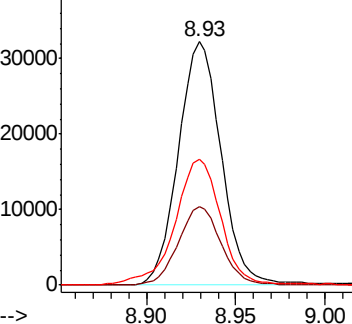
77 51.9 40.6 60.8

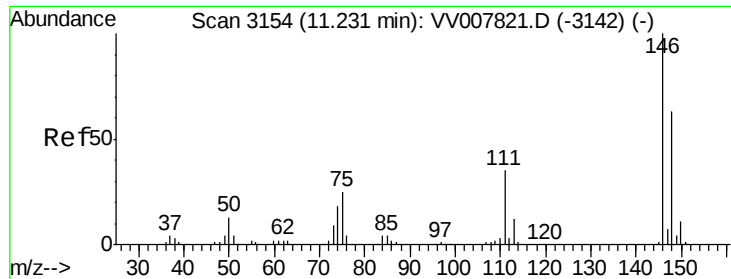


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

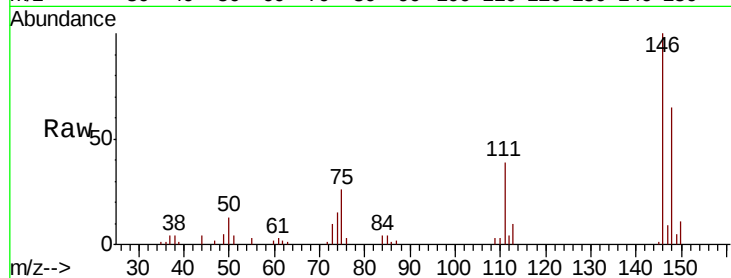




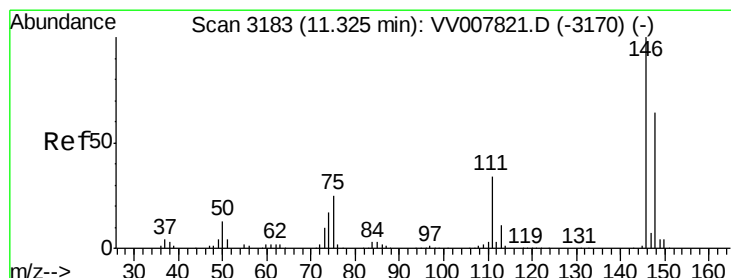
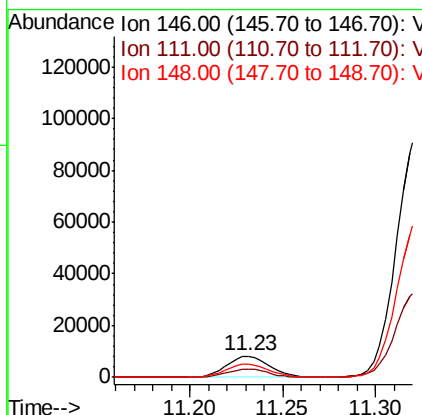
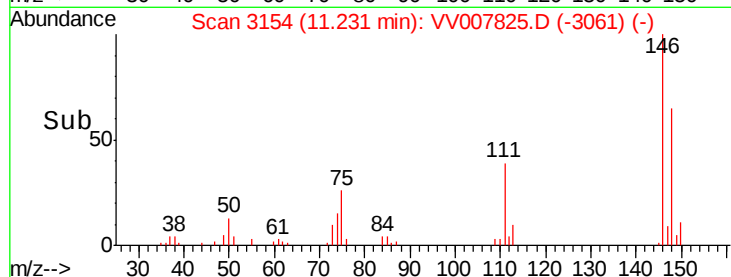
#62
 1,3-Dichlorobenzene
 Concen: 4.047 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV007825.D
 Acq: 24 Sep 2018 18:58

Instrument :
 MSVOA_V
 ClientSampleId :
 C08K4

Tot Ion:146 Resp: 13226
 Ion Ratio Lower Upper
 146 100
 111 39.0 25.1 46.7
 148 64.7 45.1 83.9

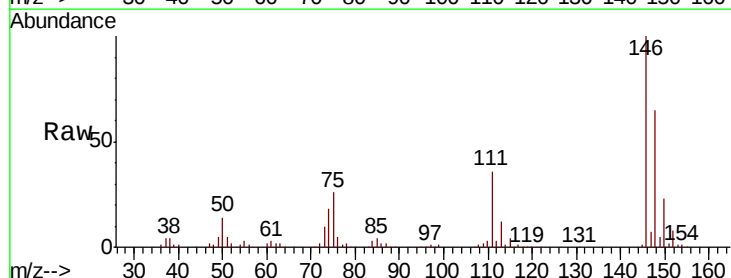


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

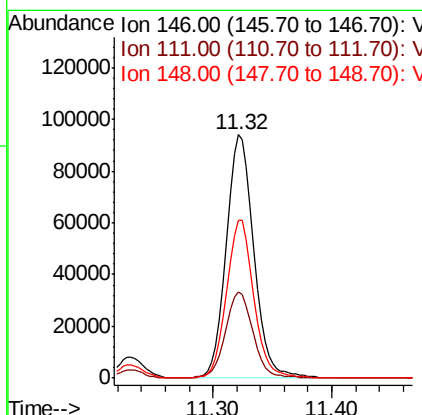
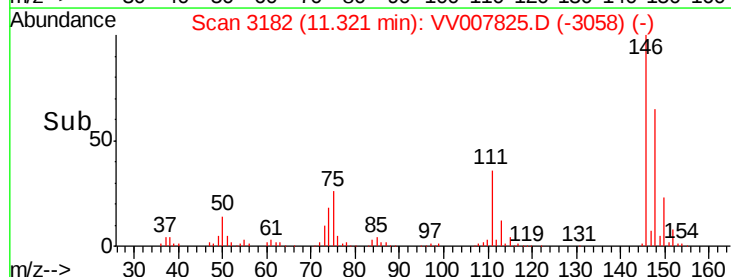


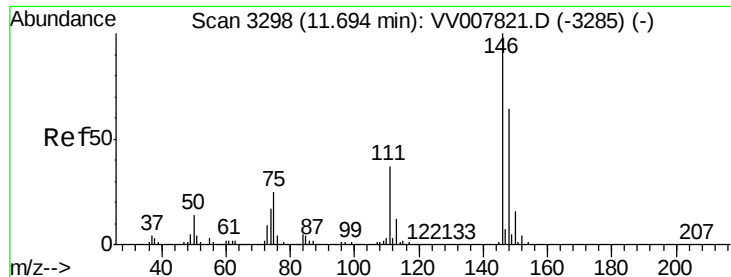
#63
 1,4-Dichlorobenzene
 Concen: 44.672 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV007825.D
 Acq: 24 Sep 2018 18:58

Tgt Ion:146 Resp: 151419
 Ion Ratio Lower Upper
 146 100
 111 35.6 24.4 45.4
 148 65.1 45.1 83.7



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

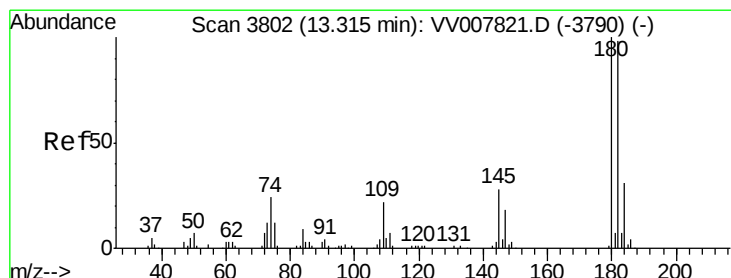
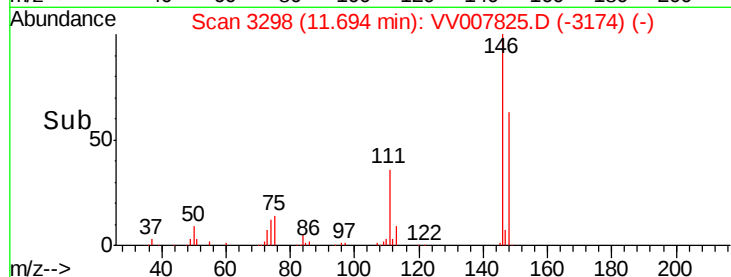
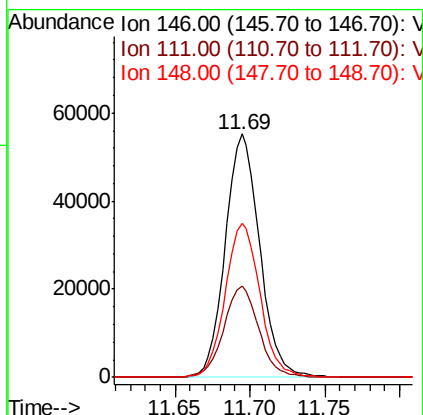
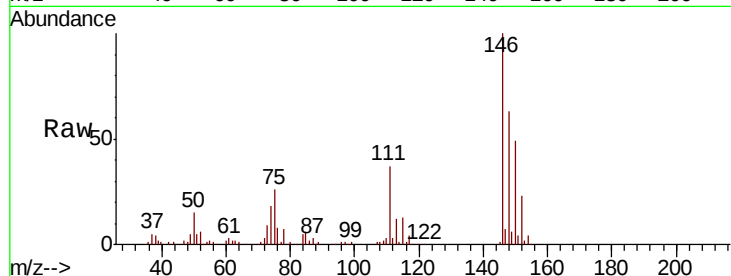




#65
 1,2-Dichlorobenzene
 Concen: 26.775 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007825.D
 Acq: 24 Sep 2018 18:58

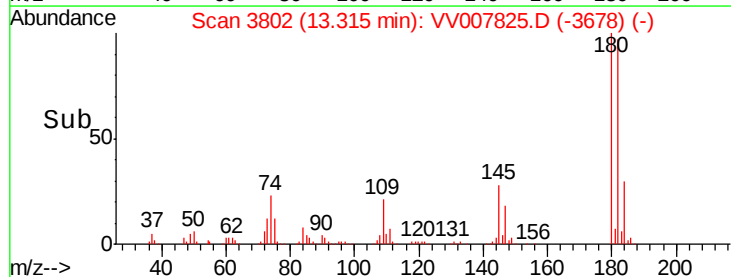
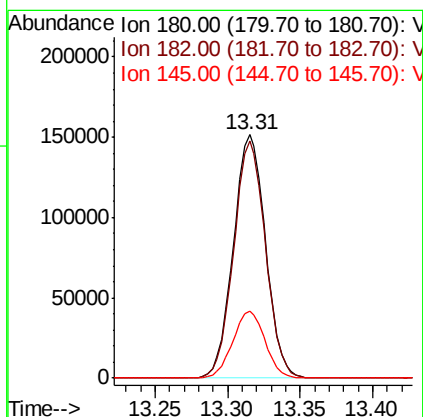
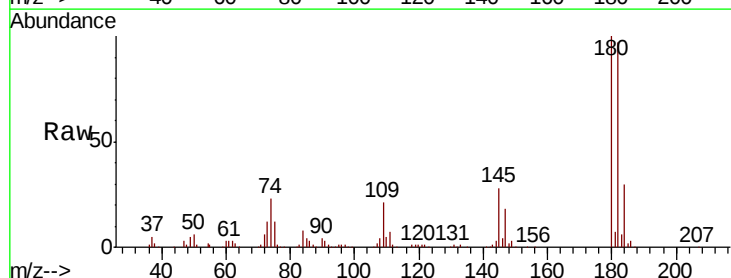
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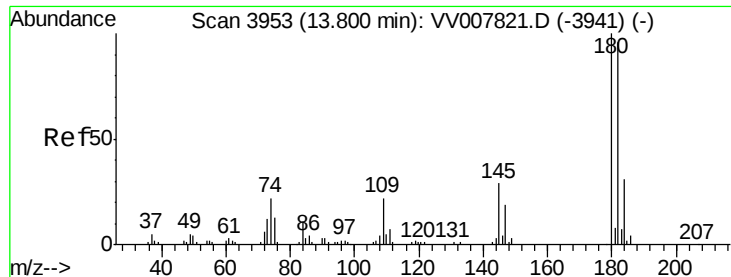
Tot Ion:146 Resp: 88473
 Ion Ratio Lower Upper
 146 100
 111 37.4 29.8 44.8
 148 63.4 50.8 76.2



#68
 1,2,4-trichlorobenzene
 Concen: 94.720 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV007825.D
 Acq: 24 Sep 2018 18:58

Tgt Ion:180 Resp: 233315
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.0 115.6
 145 27.6 22.2 33.2

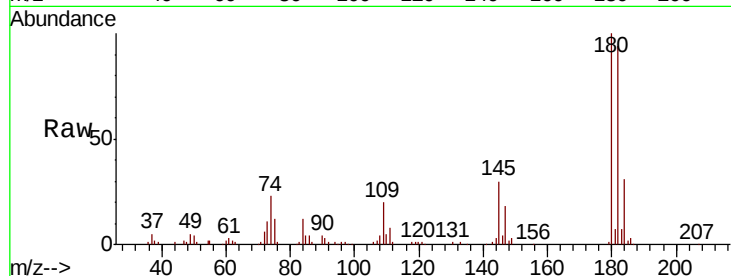




#70
 1,2,3-Trichlorobenzene
 Concen: 29.659 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV007825.D
 Acq: 24 Sep 2018 18:58

Instrument :
 MSVOA_V
 ClientSampleId :
 C08K4

Tot Ion	180	Resp	73842
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.4	116.2
145	29.5	23.3	34.9



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

