

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083118\
 Data File : VV007294.D
 Acq On : 31 Aug 2018 11:46
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK69

Quant Time: Aug 31 23:41:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:38:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	652768	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	606354	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	240244	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	192411	43.39	ug/L	0.00
7) Chloroethane-d5	1.58	69	116834	33.88	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	263699	33.70	ug/L	0.00
21) 2-Butanone-d5	3.96	46	305110	90.81	ug/L	0.00
24) Chloroform-d	4.41	84	390439	44.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	245833	46.31	ug/L	0.00
32) Benzene-d6	5.11	84	817698	47.99	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	272315	48.57	ug/L	0.00
41) Toluene-d8	7.37	98	692598	46.08	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	116158	47.33	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	208923	115.38	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	352329	47.03	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	256972	51.71	ug/L	0.00

Target Compounds

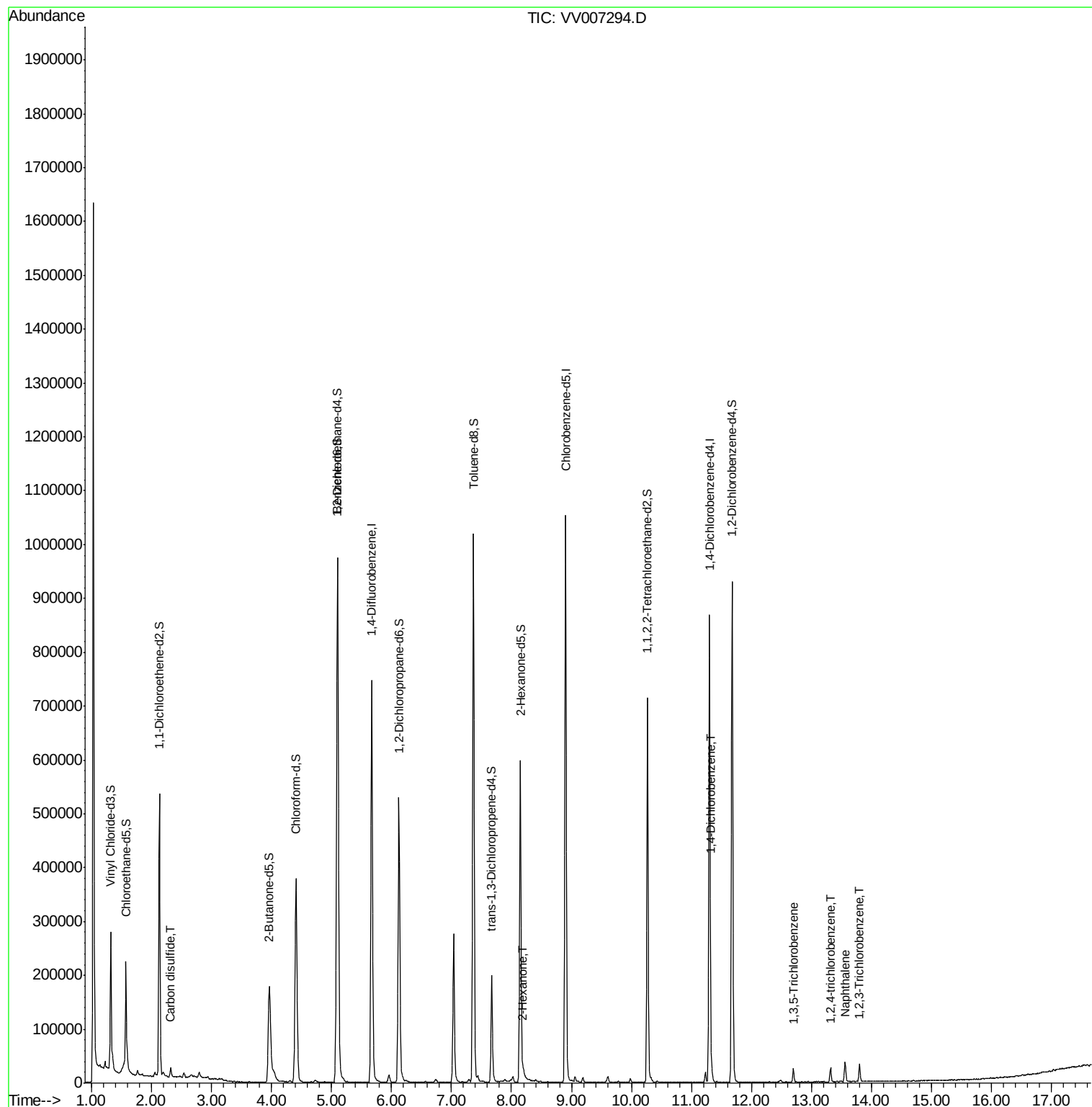
					Qvalue
14) Carbon disulfide	2.32	76	20300	1.656 ug/L	96
48) 2-Hexanone	8.20	43	6520	1.403 ug/L	93
63) 1,4-Dichlorobenzene	11.32	146	9779	1.243 ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	7952	1.483 ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	9144	2.241 ug/L	98
69) Naphthalene	13.56	128	32901	2.869 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	11277	2.554 ug/L	98

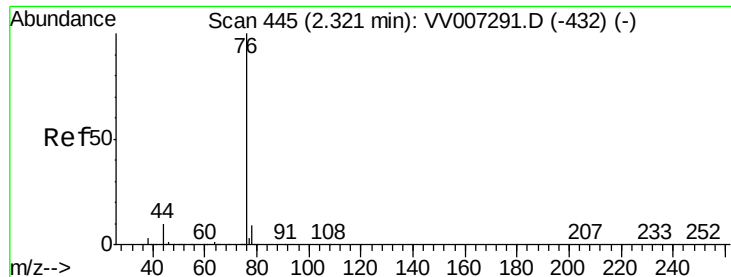
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 1.656 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV007294.D

Acq: 31 Aug 2018 11:46

Instrument :

MSVOA_V

ClientSampleId :

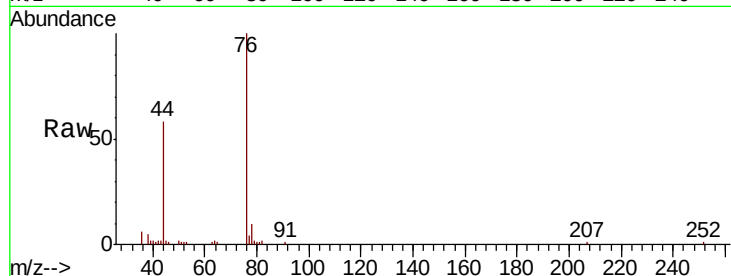
VBLK69

Tgt Ion: 76 Resp: 20300

Ion Ratio Lower Upper

76 100

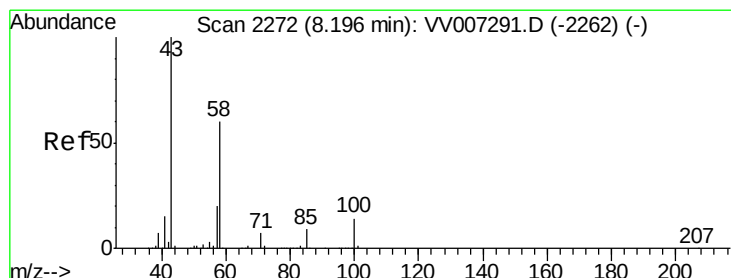
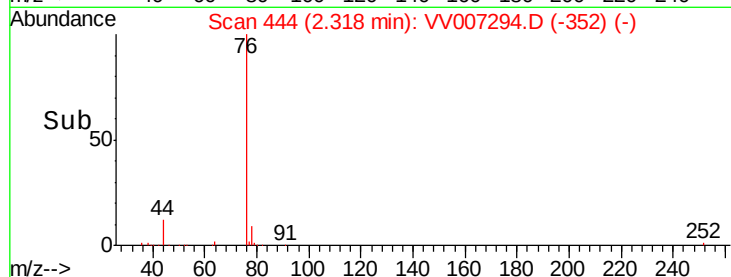
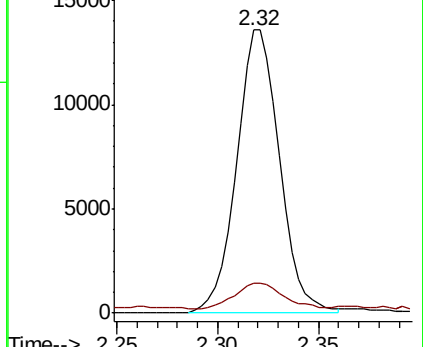
78 10.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV007291.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VV007291.D (-432) (-)

2.32



#48

2-Hexanone

Concen: 1.403 ug/L

RT: 8.20 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VV007294.D

Acq: 31 Aug 2018 11:46

Tgt Ion: 43 Resp: 6520

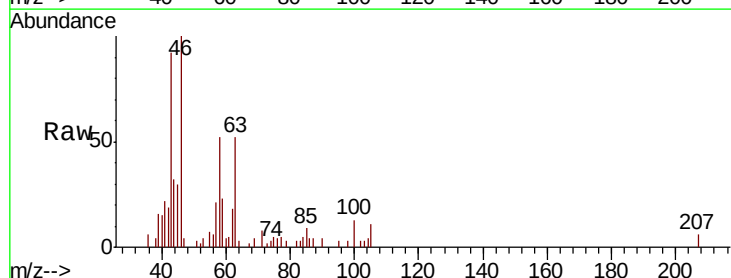
Ion Ratio Lower Upper

43 100

58 54.4 48.2 72.4

57 17.2 15.9 23.9

100 15.4 11.0 16.4

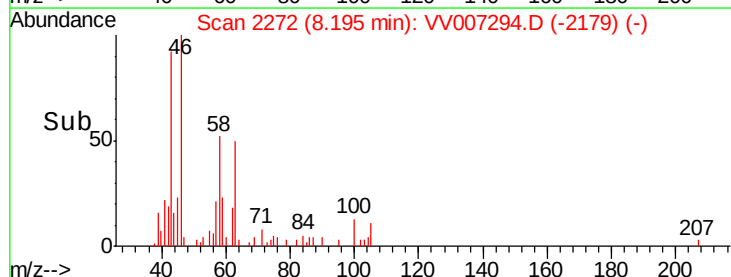
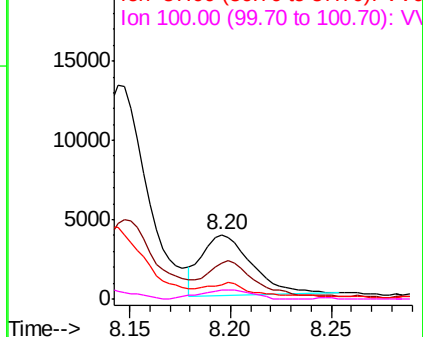


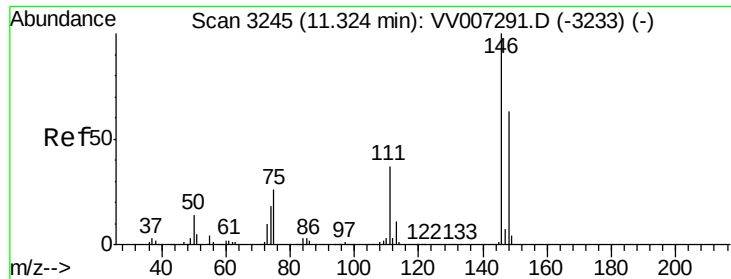
Abundance Ion 43.00 (42.70 to 43.70): VV007291.D (-2262) (-)

Ion 58.00 (57.70 to 58.70): VV007291.D (-2262) (-)

Ion 57.00 (56.70 to 57.70): VV007291.D (-2262) (-)

Ion 100.00 (99.70 to 100.70): VV007291.D (-2262) (-)

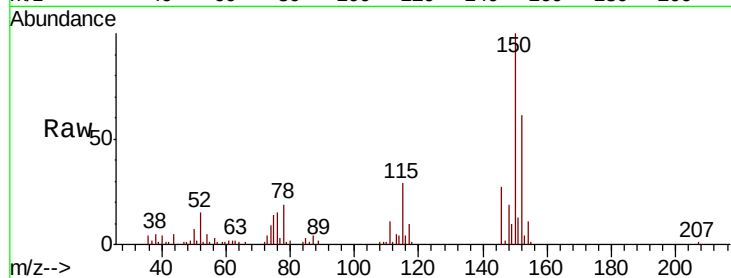




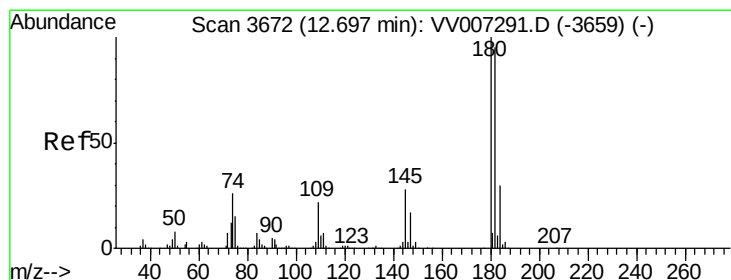
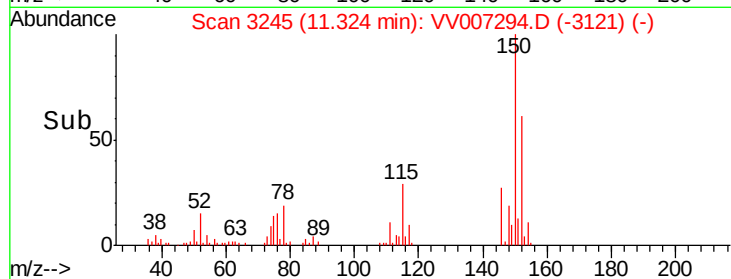
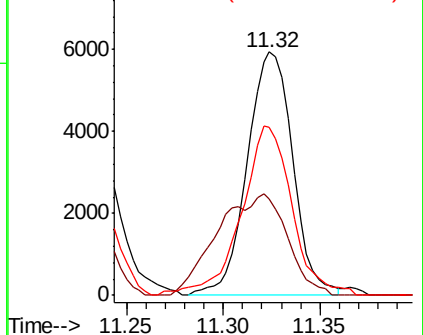
#63
 1,4-Dichlorobenzene
 Concen: 1.243 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: VV007294.D
 Acq: 31 Aug 2018 11:46

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK69

Tgt Ion:146 Resp: 9779
 Ion Ratio Lower Upper
 146 100
 111 39.4 25.8 48.0
 148 69.3 44.2 82.2



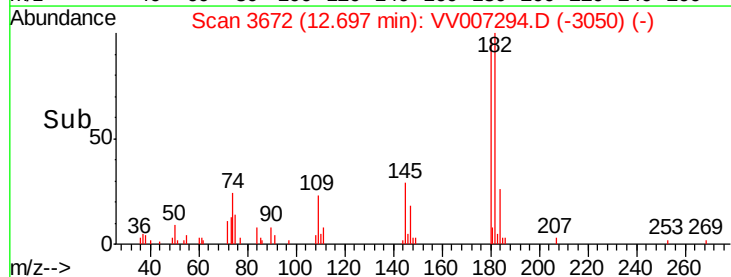
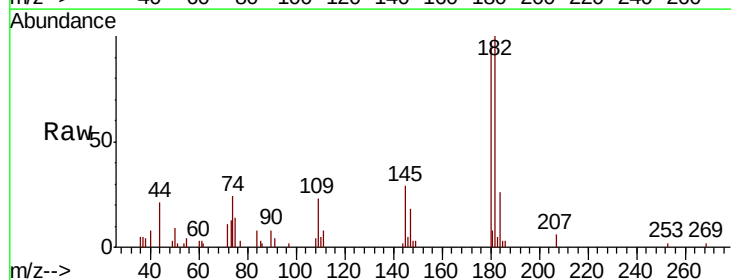
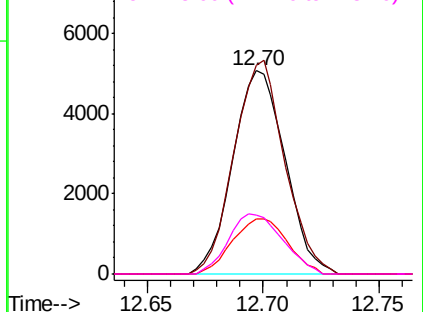
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

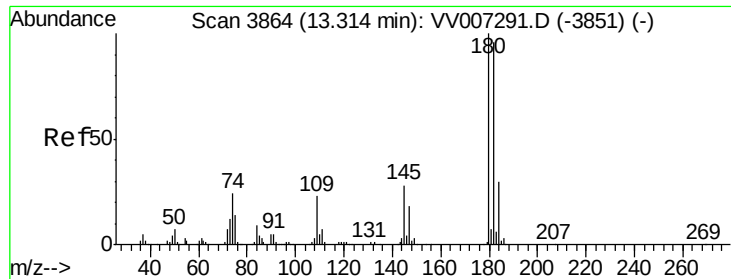


#67
 1,3,5-Trichlorobenzene
 Concen: 1.483 ug/L
 RT: 12.70 min Scan# 3672
 Delta R.T. -0.00 min
 Lab File: VV007294.D
 Acq: 31 Aug 2018 11:46

Tgt Ion:180 Resp: 7952
 Ion Ratio Lower Upper
 180 100
 182 101.5 76.9 115.3
 184 28.6 24.1 36.1
 145 30.6 22.3 33.5

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

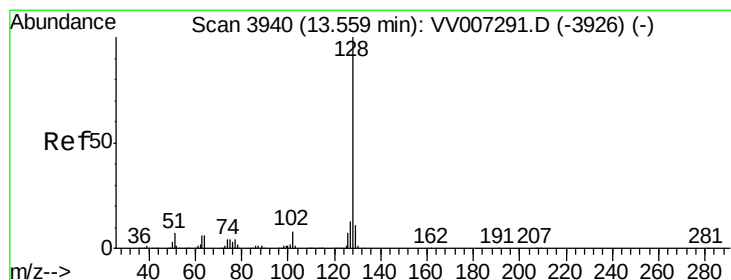
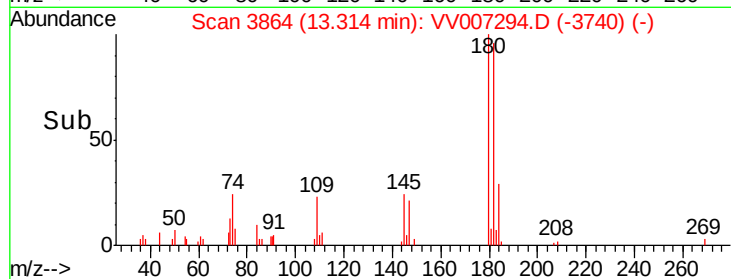
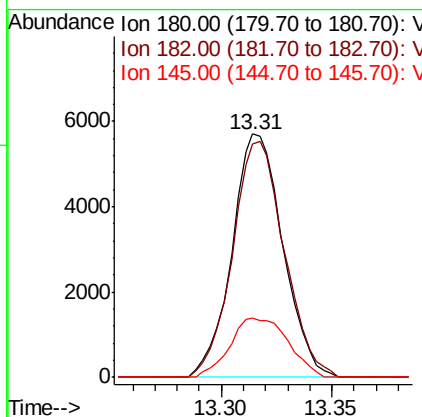
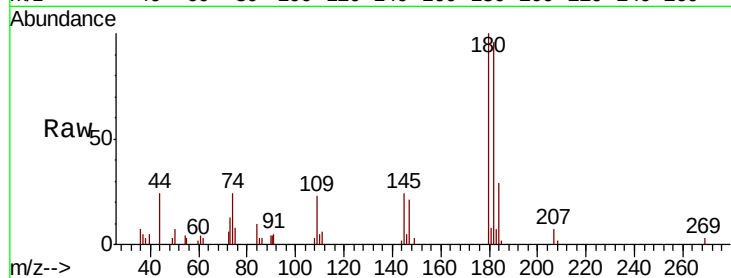




#68
 1,2,4-trichlorobenzene
 Concen: 2.241 ug/L
 RT: 13.31 min Scan# 3864
 Delta R.T. -0.00 min
 Lab File: VV007294.D
 Acq: 31 Aug 2018 11:46

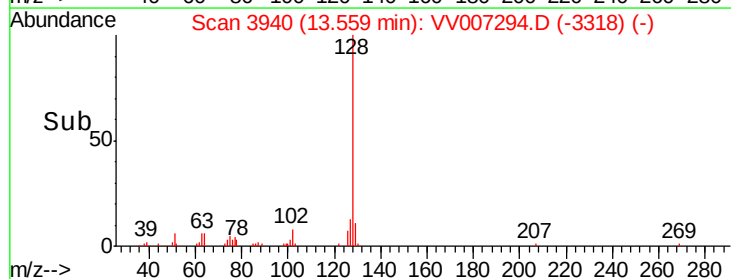
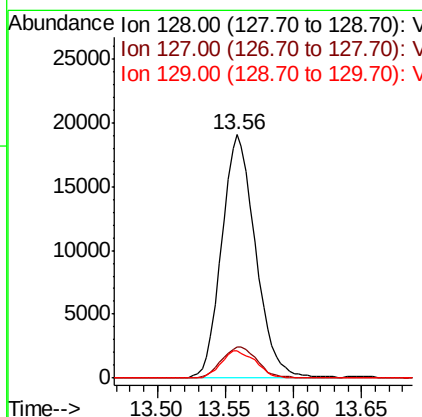
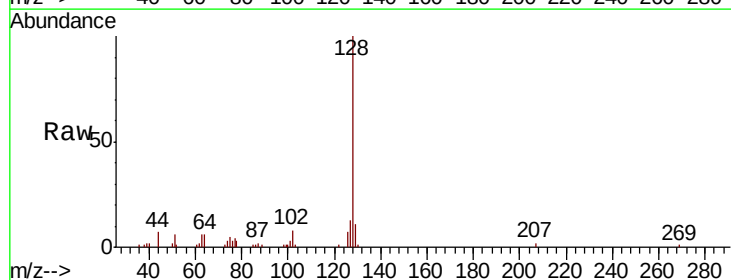
Instrument :
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 ClientSampleId :
 VBLK69

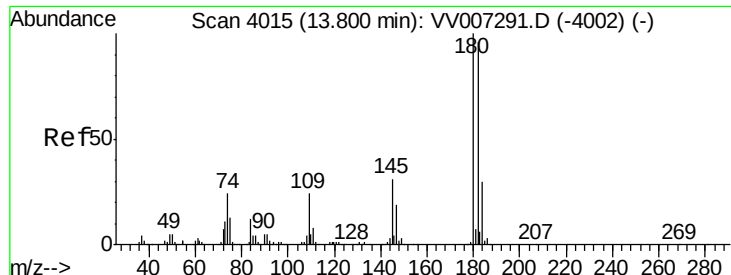
Tgt Ion:180 Resp: 9144
 Ion Ratio Lower Upper
 180 100
 182 98.4 77.2 115.8
 145 27.8 22.8 34.2



#69
 Naphthalene
 Concen: 2.869 ug/L
 RT: 13.56 min Scan# 3940
 Delta R.T. -0.00 min
 Lab File: VV007294.D
 Acq: 31 Aug 2018 11:46

Tgt Ion:128 Resp: 32901
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.6 15.8
 129 11.3 8.6 13.0

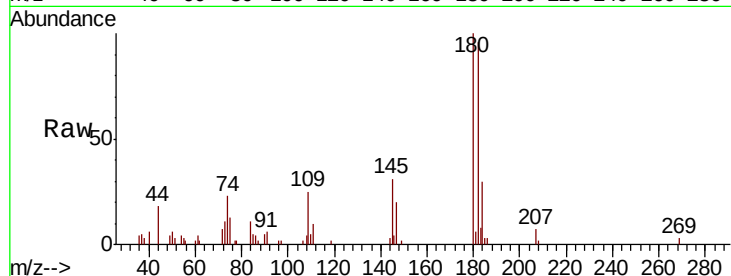




#70
 1,2,3-Trichlorobenzene
 Concen: 2.554 ug/L
 RT: 13.80 min Scan# 4015
 Delta R.T. -0.00 min
 Lab File: VV007294.D
 Acq: 31 Aug 2018 11:46

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK69

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.1	114.1
145	29.7	24.4	36.6



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

