

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082418\
 Data File : VV007173.D
 Acq On : 24 Aug 2018 16:15
 Operator : SY/MD
 Sample : I.BLK
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 00:00:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 23:56:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	669044	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	629136	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	262883	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	225393	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.92%
7) Chloroethane-d5	1.58	69	185047	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.12%
11) 1,1-Dichloroethene-d2	2.13	63	305308	37.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.68%
21) 2-Butanone-d5	3.95	46	339694	96.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.99%
24) Chloroform-d	4.40	84	430545	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.09	65	267044	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
32) Benzene-d6	5.10	84	908583	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
36) 1,2-Dichloropropane-d6	6.12	67	294791	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.52%
41) Toluene-d8	7.36	98	752285	47.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.62%
43) trans-1,3-Dichloropropene-	7.67	79	123048	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.02%
47) 2-Hexanone-d5	8.14	63	149446	80.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	374767	47.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	282452	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

Target Compounds

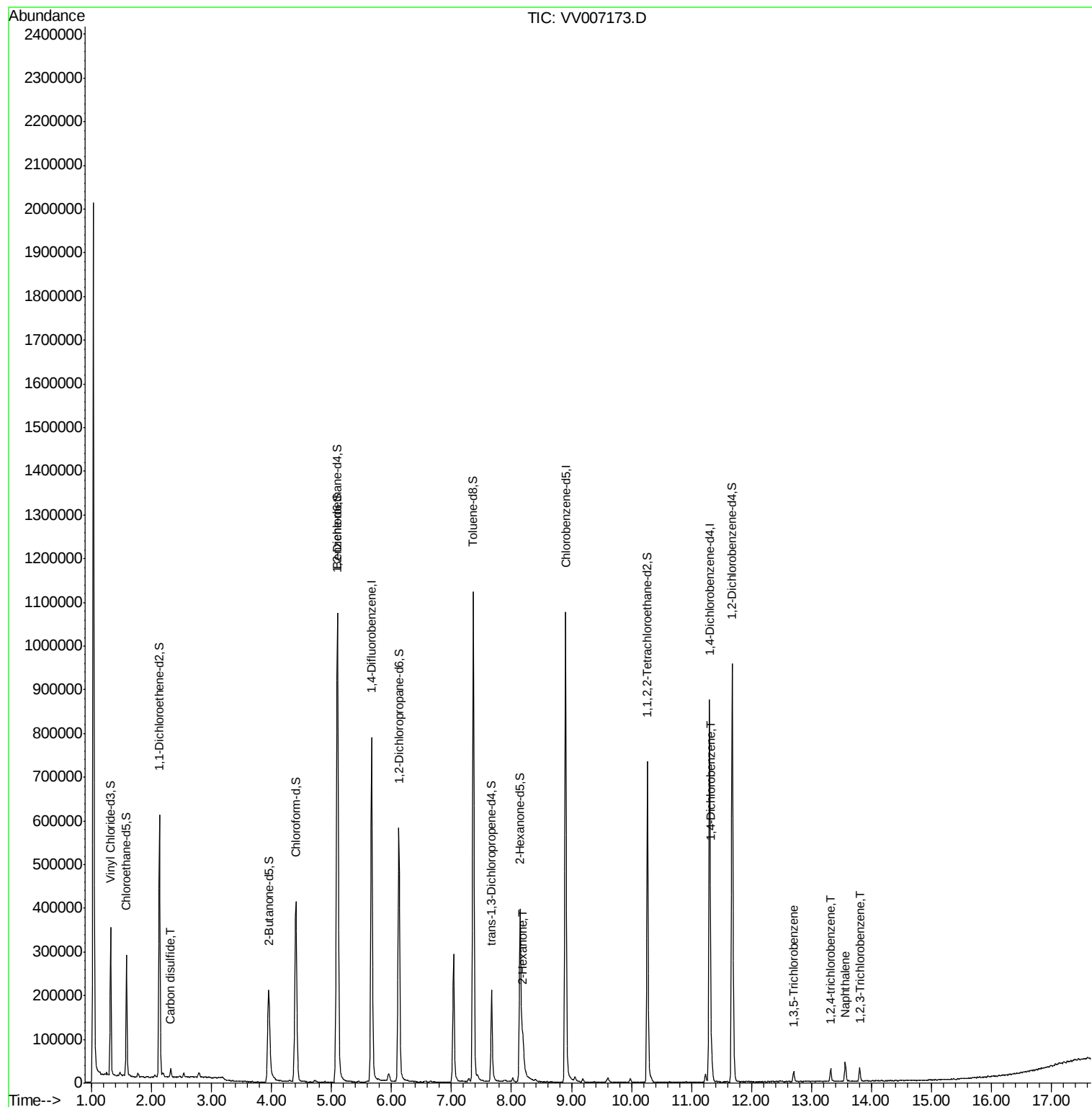
					Ovalue
14) Carbon disulfide	2.32	76	21230	1.674 ug/L #	95
48) 2-Hexanone	8.19	43	41961	8.818 ug/L #	86
63) 1,4-Dichlorobenzene	11.32	146	12313	1.429 ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	9111	1.559 ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	9448	2.168 ug/L	93
69) Naphthalene	13.57	128	38768	3.270 ug/L	98
70) 1,2,3-Trichlorobenzene	13.81	180	10384	2.220 ug/L	99

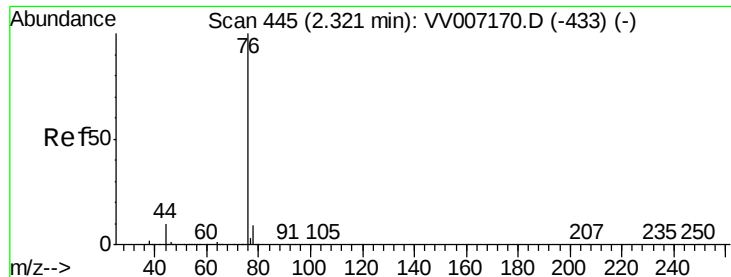
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 1.674 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV007173.D

Acq: 24 Aug 2018 16:15

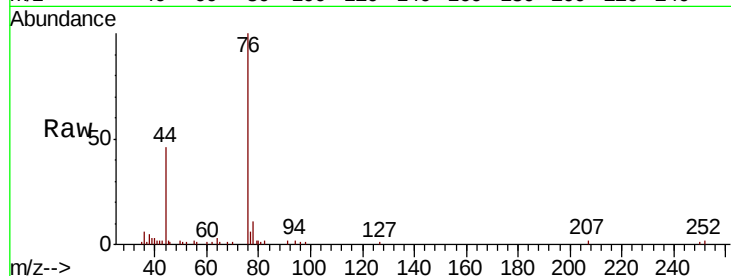
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 76 Resp: 21230

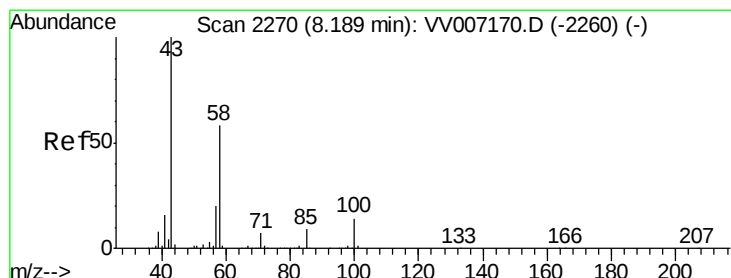
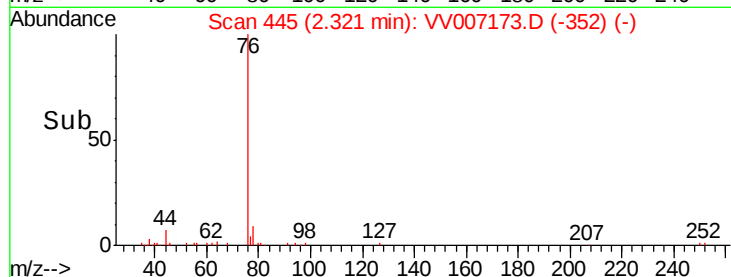
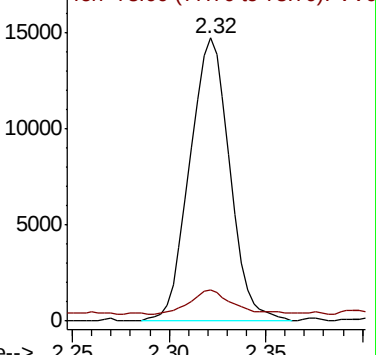
Ion Ratio Lower Upper

76 100

78 11.2 7.4 11.0#



Abundance Ion 76.00 (75.70 to 76.70): VV007173.D (-433) (-)



#48

2-Hexanone

Concen: 8.818 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VV007173.D

Acq: 24 Aug 2018 16:15

Tgt Ion: 43 Resp: 41961

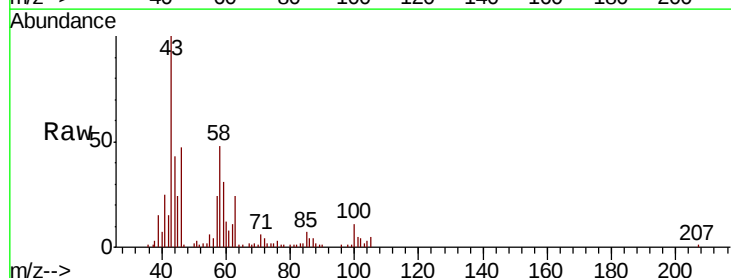
Ion Ratio Lower Upper

43 100

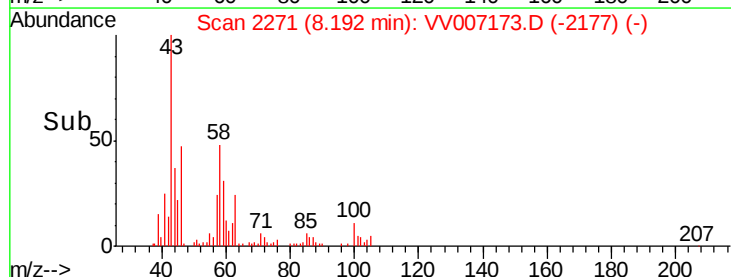
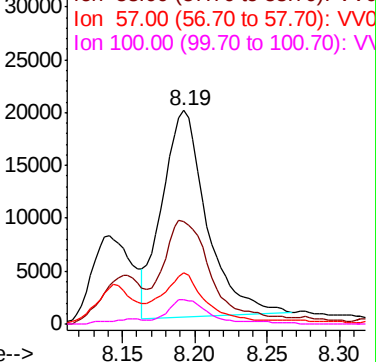
58 44.1 47.3 70.9#

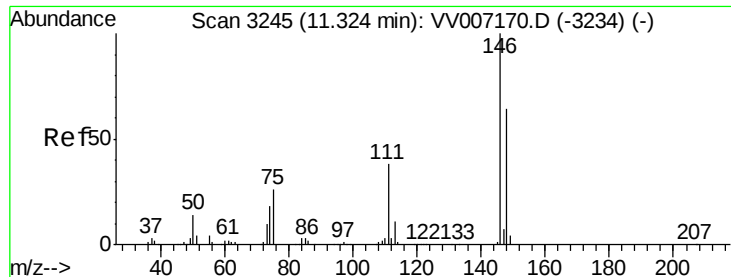
57 21.0 16.5 24.7

100 9.8 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VV007173.D (-2177) (-)





#63

1,4-Dichlorobenzene

Concen: 1.429 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VV007173.D

Acq: 24 Aug 2018 16:15

Instrument :

MSVOA_V

ClientSampleId :

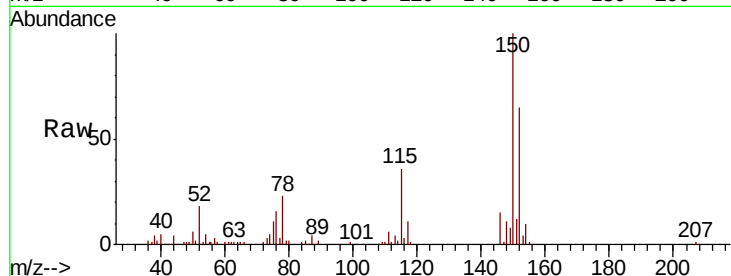
Tot Ion:146 Resp: 12313

Ion Ratio Lower Upper

146 100

111 41.0 26.7 49.5

148 69.8 44.7 82.9

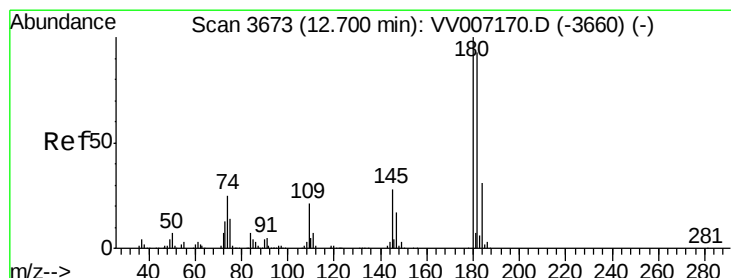
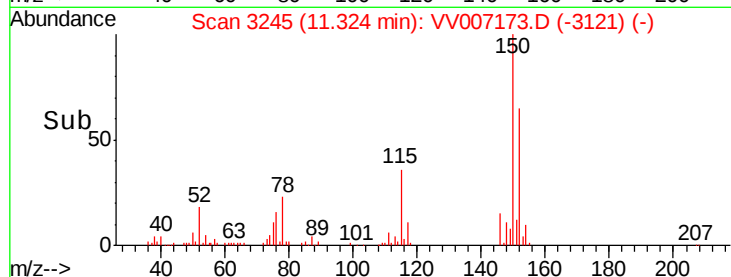
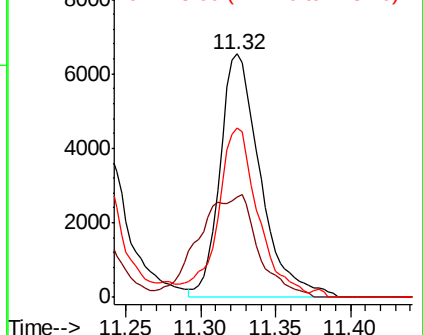


Abundance

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



#67

1,3,5-Trichlorobenzene

Concen: 1.559 ug/L

RT: 12.70 min Scan# 3674

Delta R.T. 0.00 min

Lab File: VV007173.D

Acq: 24 Aug 2018 16:15

Tgt Ion:180 Resp: 9111

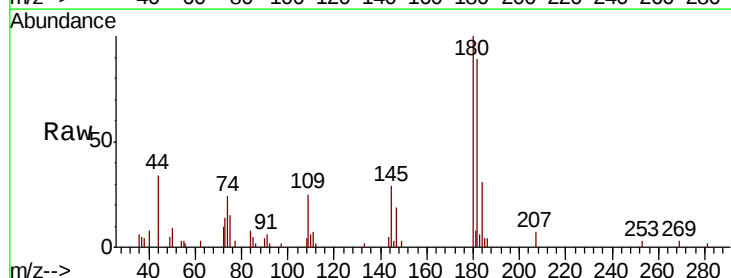
Ion Ratio Lower Upper

180 100

182 98.7 75.8 113.8

184 29.6 24.4 36.6

145 27.2 22.6 33.8



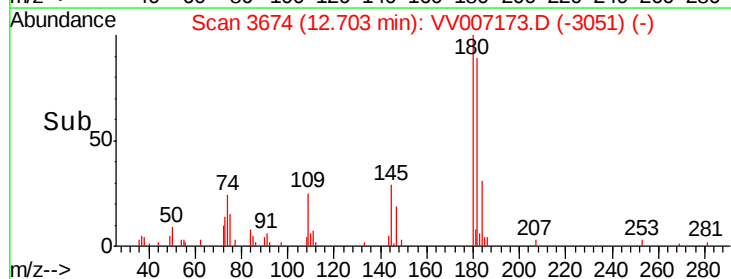
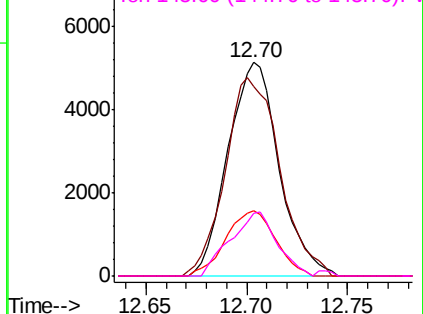
Abundance

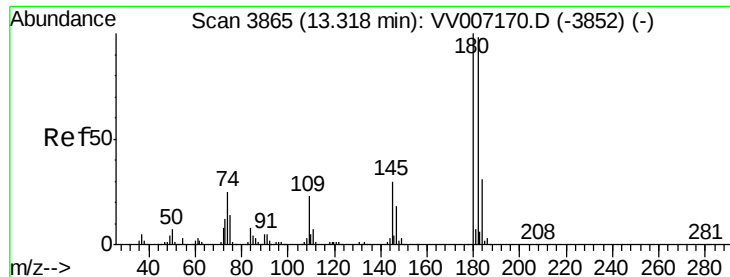
Ion 180.00 (179.70 to 180.70): V

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: 2.168 ug/L

RT: 13.32 min Scan# 3866

Delta R.T. 0.00 min

Lab File: VV007173.D

Acq: 24 Aug 2018 16:15

Instrument :

MSVOA_V

ClientSampleId :

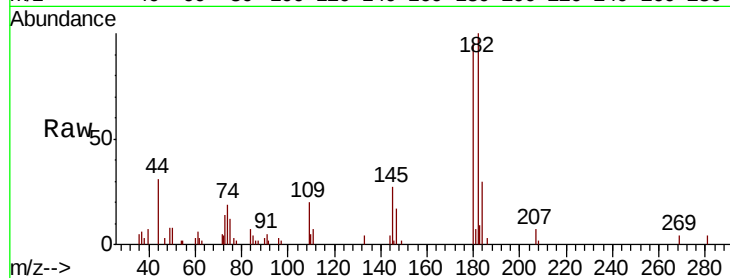
Tot Ion:180 Resp: 9448

Ion Ratio Lower Upper

180 100

182 104.9 77.6 116.4

145 28.3 23.4 35.2

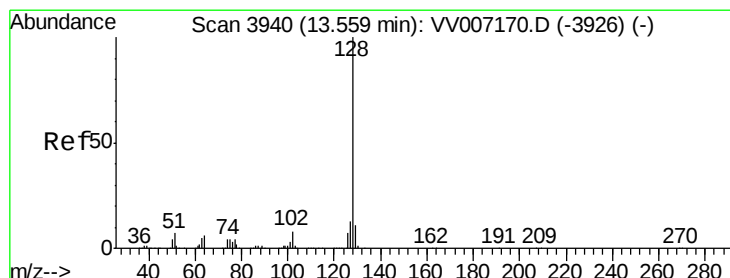
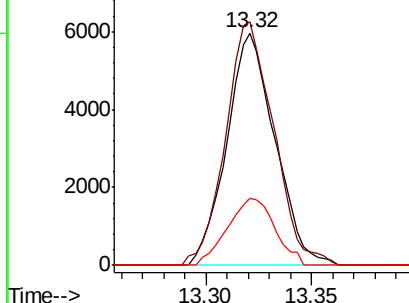
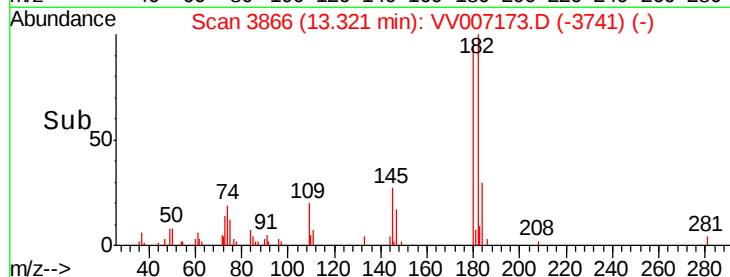


Abundance

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



#69

Naphthalene

Concen: 3.270 ug/L

RT: 13.57 min Scan# 3942

Delta R.T. 0.01 min

Lab File: VV007173.D

Acq: 24 Aug 2018 16:15

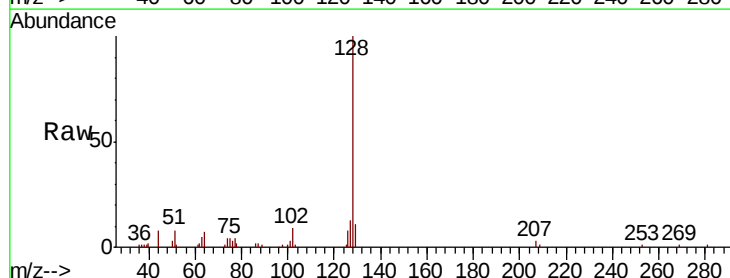
Tgt Ion:128 Resp: 38768

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 12.0 8.7 13.1

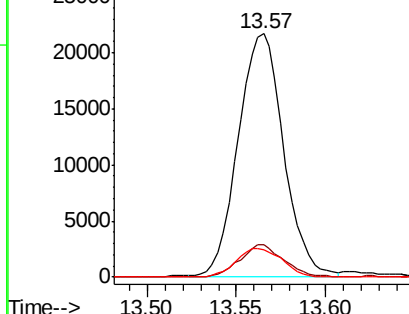
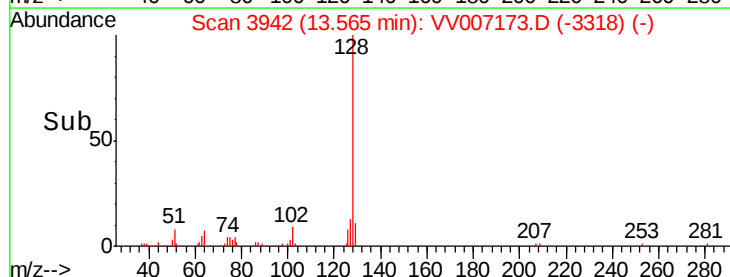


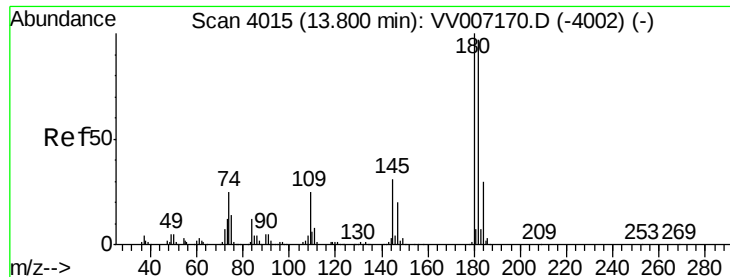
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

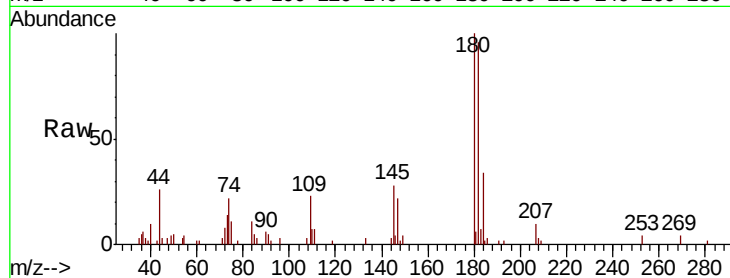




#70
 1,2,3-Trichlorobenzene
 Concen: 2.220 ug/L
 RT: 13.81 min Scan# 4017
 Delta R.T. 0.01 min
 Lab File: VV007173.D
 Acq: 24 Aug 2018 16:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.0	115.4
145	29.6	24.7	37.1



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

