

Data File : VV012509.D
Acq On : 01 Sep 2019 15:00
Operator : SY/MD
Sample : K4481-12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Sep 02 04:22:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 04:16:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	313344	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	306461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	119872	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101224	48.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.68%
7) Chloroethane-d5	1.58	69	107091	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.02%
11) 1,1-Dichloroethene-d2	2.00	63	173	0.03	ug/L	-0.14
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.94	46	177745	101.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.92%
24) Chloroform-d	4.40	84	208049	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	5.08	65	141143	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.00%
32) Benzene-d6	5.10	84	372689	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
36) 1,2-Dichloropropane-d6	6.12	67	134181	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.14%
41) Toluene-d8	7.36	98	332716	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%
43) trans-1,3-Dichloropropene-	7.66	79	54274	46.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.26%
47) 2-Hexanone-d5	8.13	63	101176	98.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.11%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	176365	47.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.30%
64) 1,2-Dichlorobenzene-d4	11.67	152	127826	55.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.04%

Target Compounds

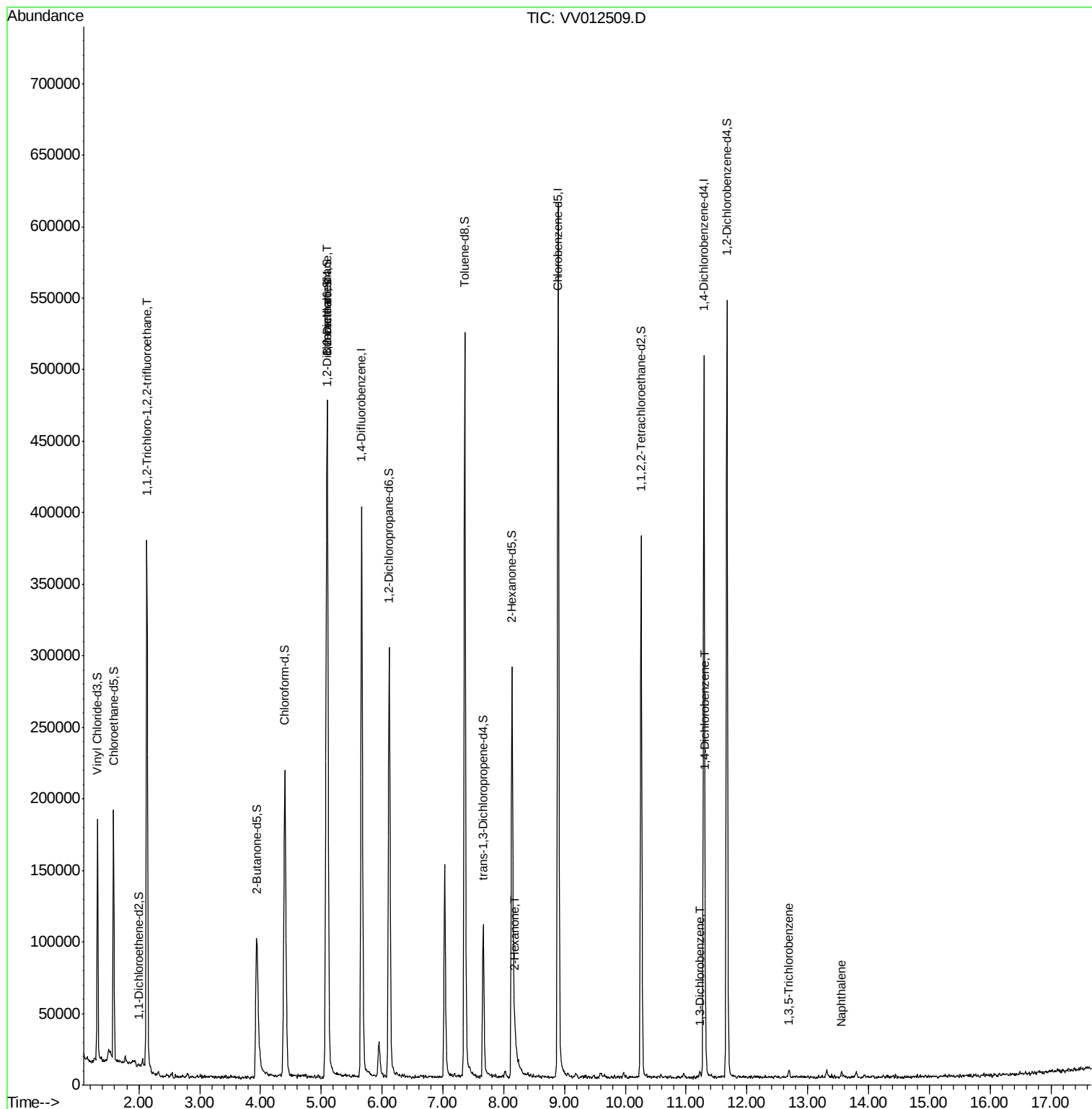
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2360	0.781	ug/L #	22
27) 1,2-Dichloroethane	5.10	62	2870	0.738	ug/L	98
48) 2-Hexanone	8.19	43	6076	2.164	ug/L #	83
62) 1,3-Dichlorobenzene	11.23	146	1652	0.438	ug/L #	83
63) 1,4-Dichlorobenzene	11.32	146	1762	0.449	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	1463	0.576	ug/L #	90
69) Naphthalene	13.56	128	2714	0.468	ug/L #	93

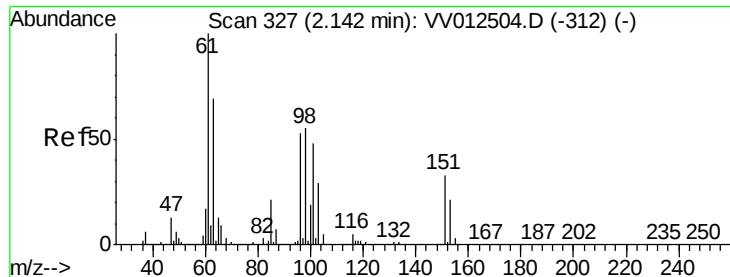
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.781 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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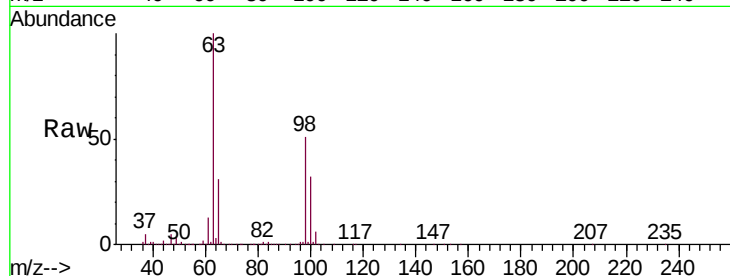
Tgt Ion: 101 Resp: 2360

Ion Ratio Lower Upper

101 100

85 1.0 36.2 54.2#

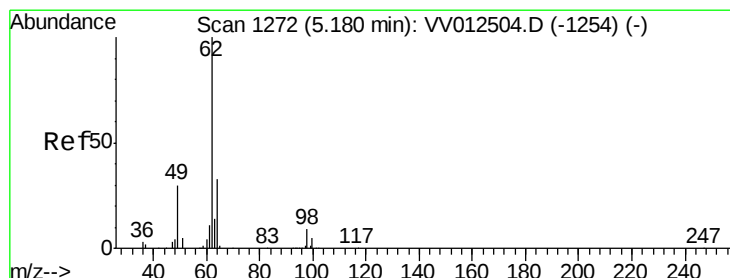
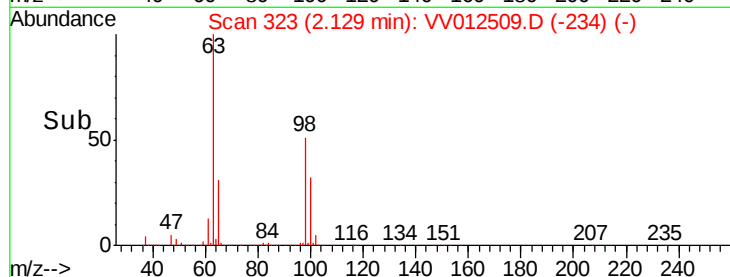
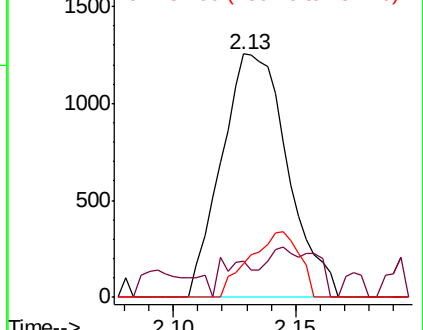
151 0.0 54.8 82.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#27

1,2-Dichloroethane

Concen: 0.738 ug/L

RT: 5.10 min Scan# 1248

Delta R.T. -0.08 min

Lab File: VV012509.D

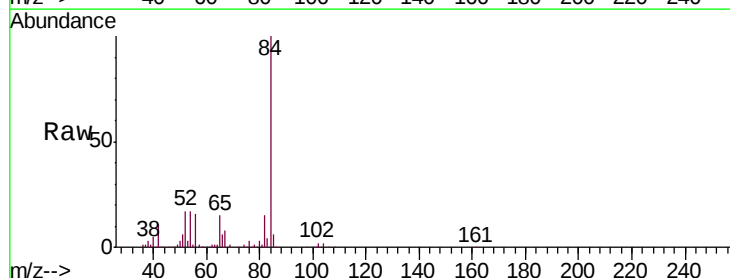
Acq: 01 Sep 2019 15:00

Tgt Ion: 62 Resp: 2870

Ion Ratio Lower Upper

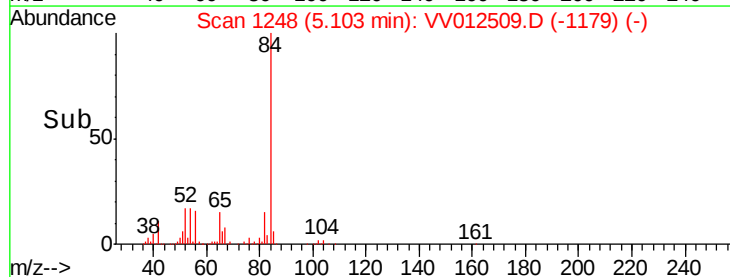
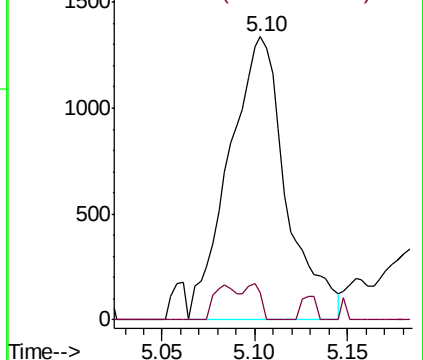
62 100

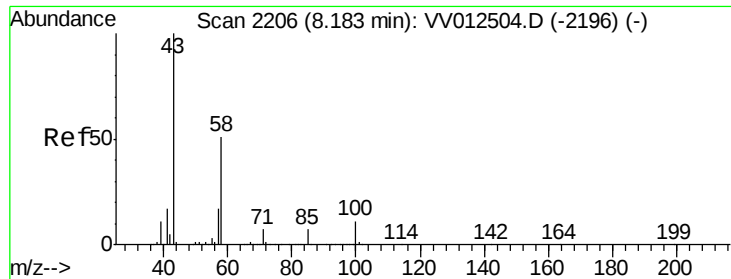
98 9.8 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

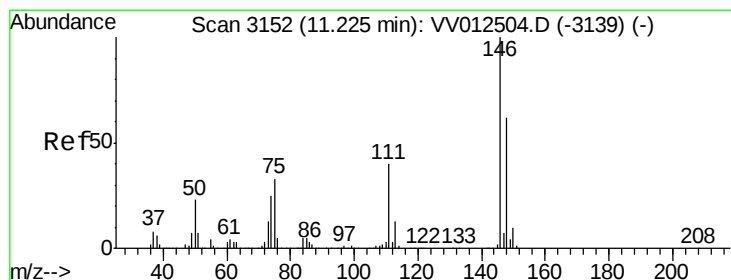
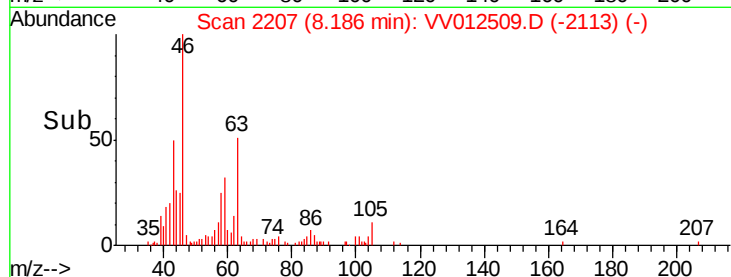
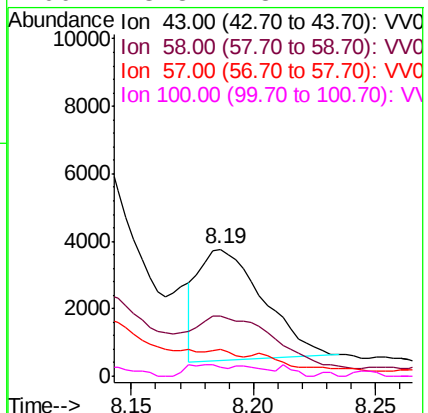
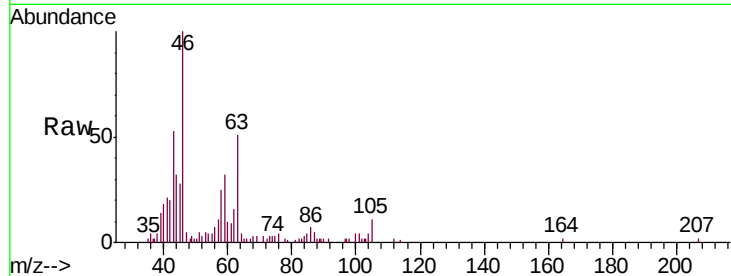




#48
 2-Hexanone
 Concen: 2.164 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VV012509.D
 Acq: 01 Sep 2019 15:00

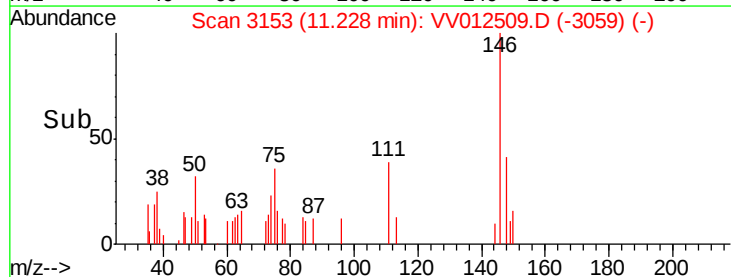
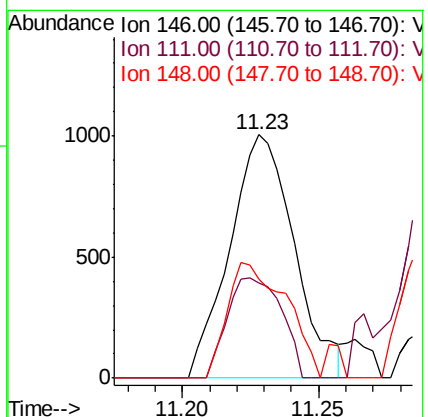
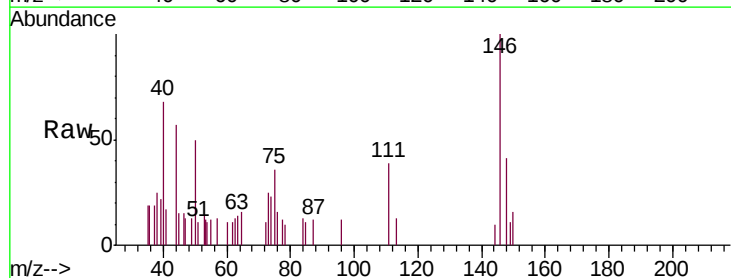
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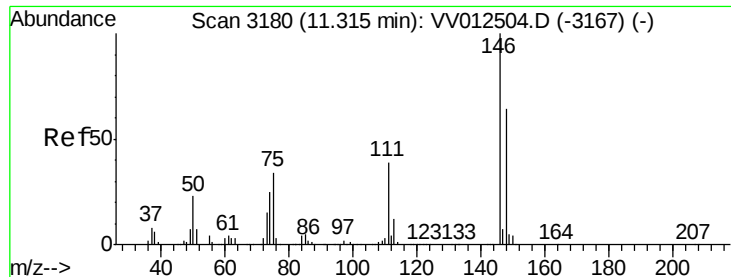
Tgt Ion: 43 Resp: 6076
 Ion Ratio Lower Upper
 43 100
 58 57.9 40.6 61.0
 57 0.0 13.3 19.9#
 100 3.8 8.1 12.1#



#62
 1,3-Dichlorobenzene
 Concen: 0.438 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV012509.D
 Acq: 01 Sep 2019 15:00

Tgt Ion: 146 Resp: 1652
 Ion Ratio Lower Upper
 146 100
 111 39.3 27.7 51.5
 148 40.8 43.4 80.6#

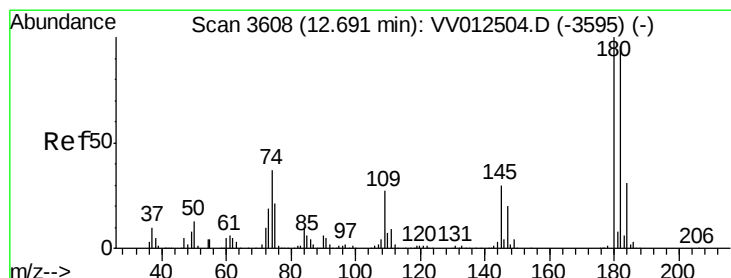
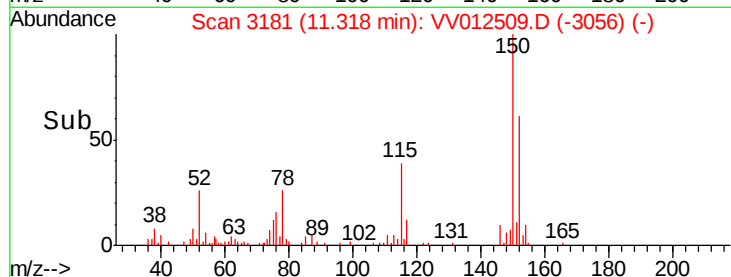
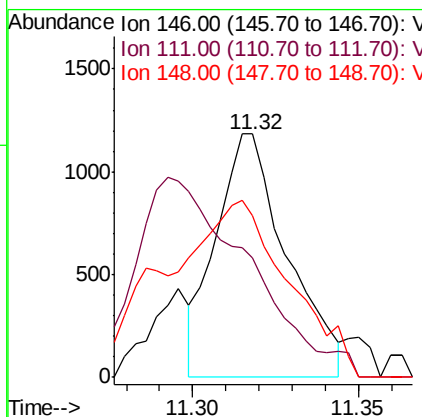
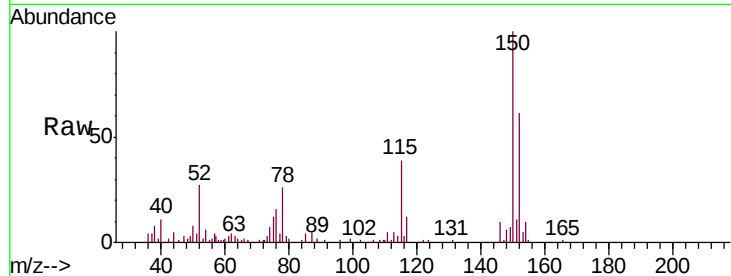




#63
 1,4-Dichlorobenzene
 Concen: 0.449 ug/L
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV012509.D
 Acq: 01 Sep 2019 15:00

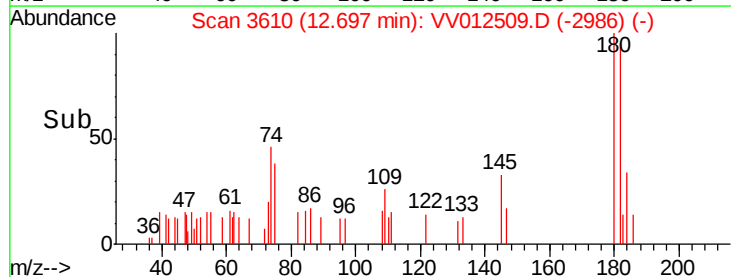
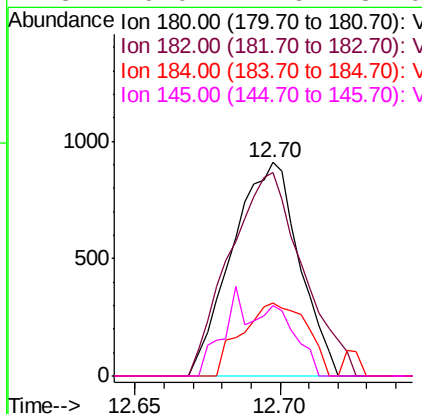
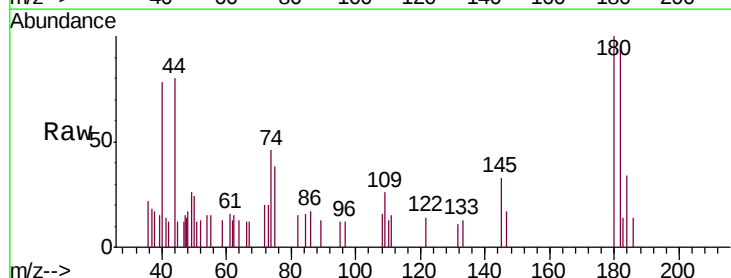
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 MSVOA_V
 ClientSampleId :
 VHBLK02

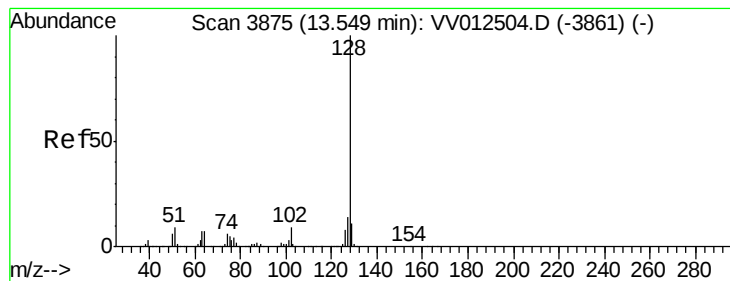
Tgt Ion:146 Resp: 1762
 Ion Ratio Lower Upper
 146 100
 111 49.1 27.6 51.4
 148 66.6 44.6 82.8



#67
 1,3,5-Trichlorobenzene
 Concen: 0.576 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.01 min
 Lab File: VV012509.D
 Acq: 01 Sep 2019 15:00

Tgt Ion:180 Resp: 1463
 Ion Ratio Lower Upper
 180 100
 182 103.6 76.7 115.1
 184 32.9 24.2 36.4
 145 20.0 24.6 37.0#





#69

Naphthalene

Concen: 0.468 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

Lab File: VV012509.D

Acq: 01 Sep 2019 15:00

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

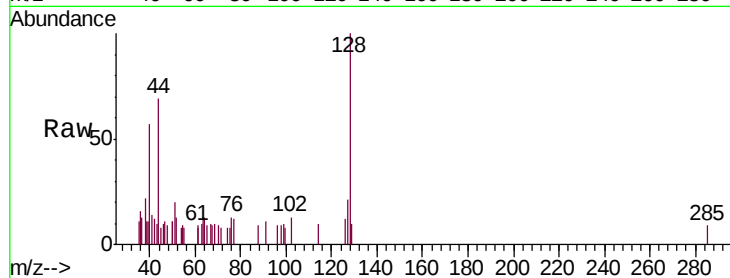
Tgt Ion:128 Resp: 2714

Ion Ratio Lower Upper

128 100

127 12.6 10.9 16.3

129 6.0 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

