

Data File : VV014135.D
Acq On : 19 Dec 2019 17:24
Operator : SY/MD
Sample : K6286-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDY3

Quant Time: Dec 20 07:16:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 07:12:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	355968	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	347377	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91586	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.58	69	90249	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	117046	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.96	46	297922	65.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.10%#
24) Chloroform-d	4.40	84	215951	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.08	65	108017	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.09	84	374961	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.11	67	129079	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	267858	3.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.80%#
43) trans-1,3-Dichloropropene-	7.66	79	41196	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.13	63	188348	49.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	100589	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	125491	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

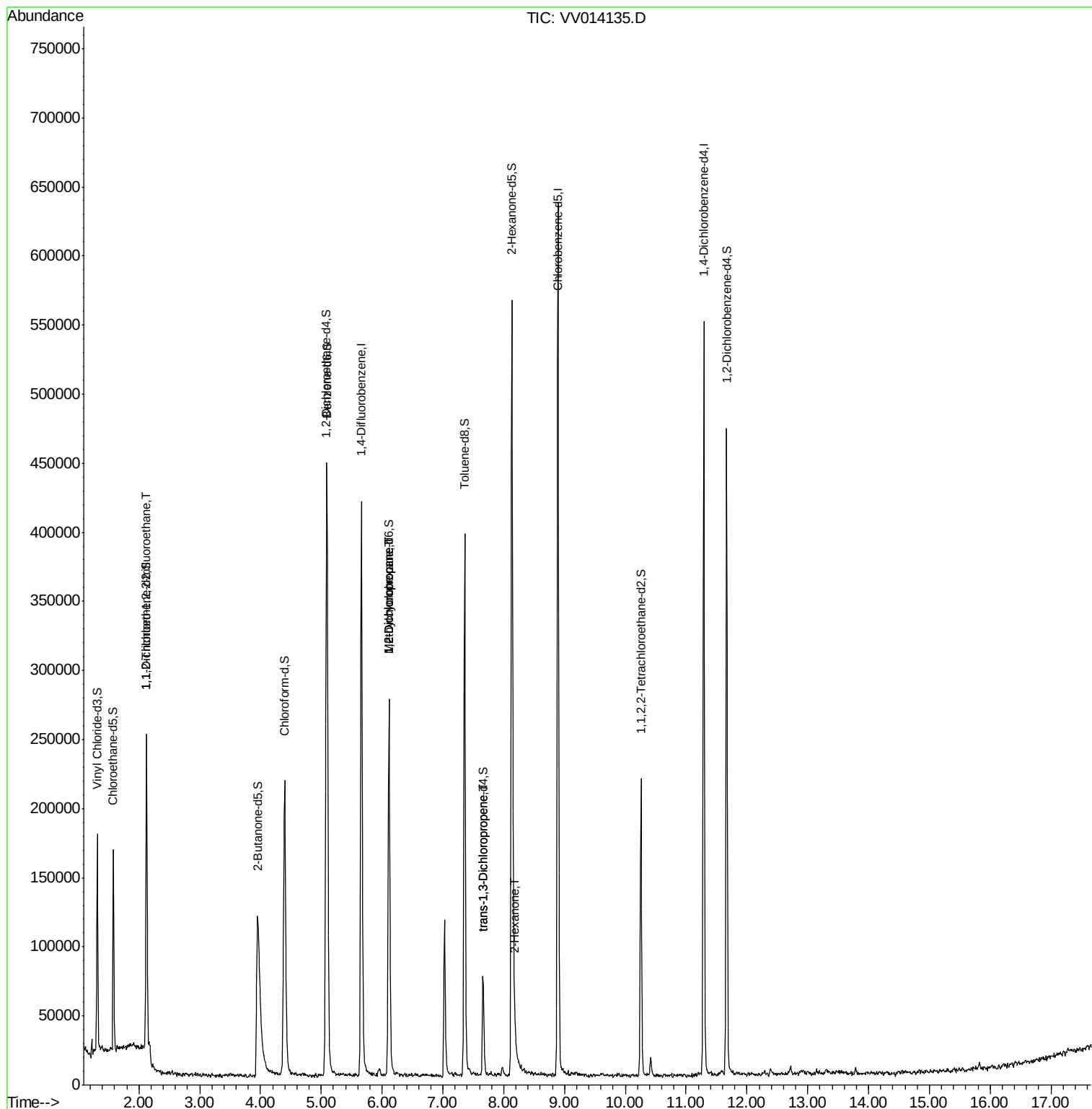
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1542	0.079	ug/L #	25
35) Methylcyclohexane	6.11	83	32549	1.038	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	14248	0.651	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	2542	0.105	ug/L	92
48) 2-Hexanone	8.19	43	10739	1.177	ug/L #	88

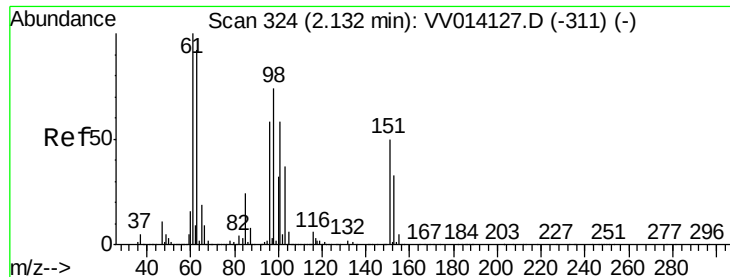
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.079 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

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BFDY3

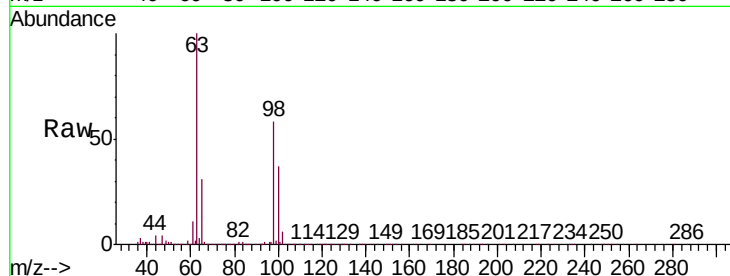
Tgt Ion: 101 Resp: 1542

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

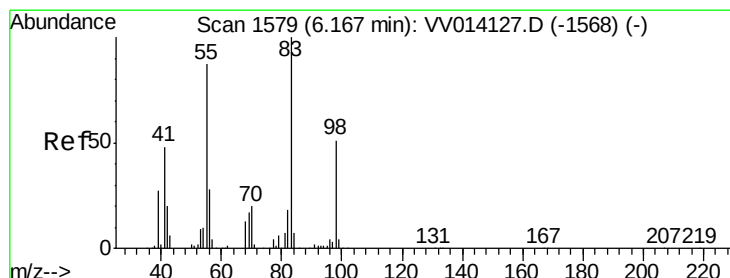
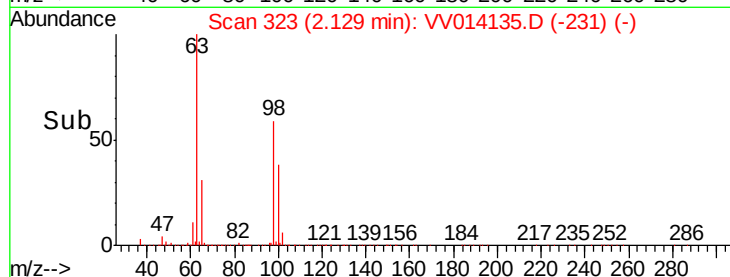
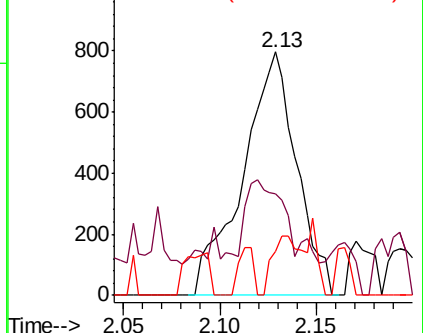
151 13.6 69.4 104.0#



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



#35

Methylcyclohexane

Concen: 1.038 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.05 min

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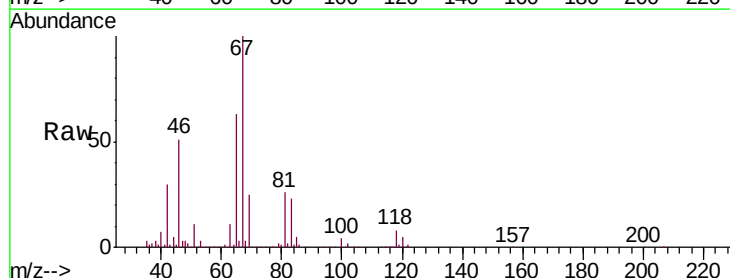
Tgt Ion: 83 Resp: 32549

Ion Ratio Lower Upper

83 100

55 0.4 60.3 90.5#

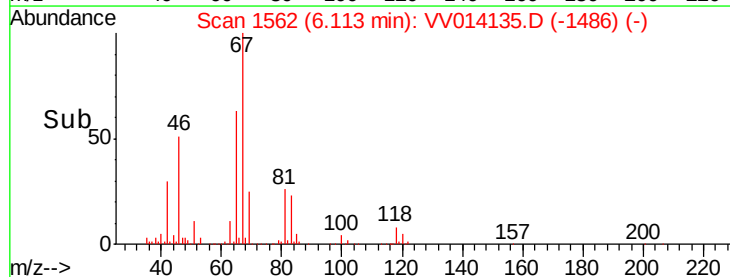
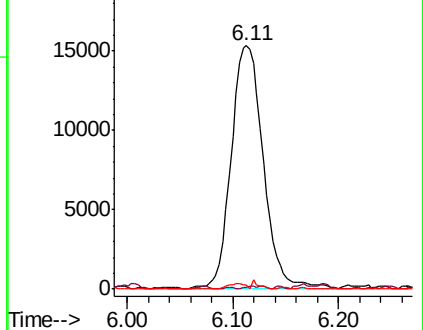
98 0.8 38.1 57.1#

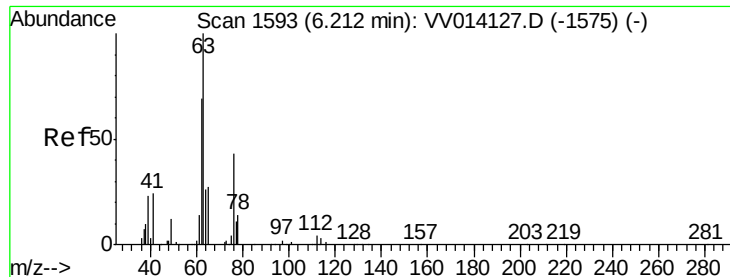


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

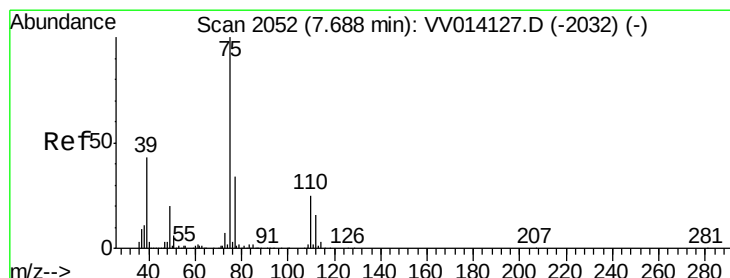
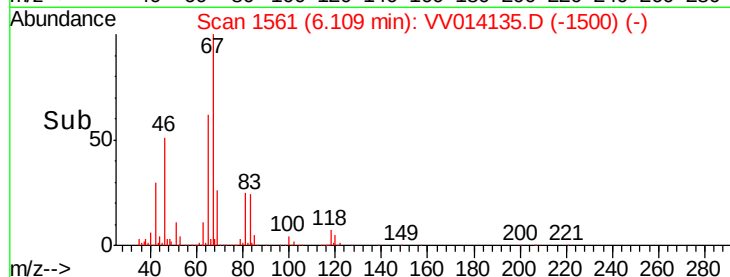
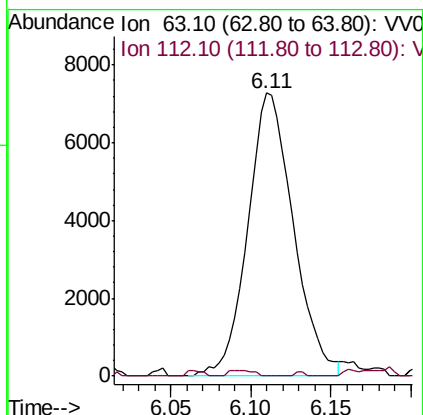
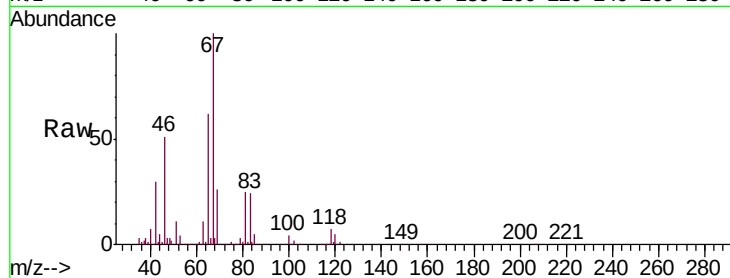




#37
 1,2-Dichloropropane
 Concen: 0.651 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.10 min
 Lab File: VV014135.D
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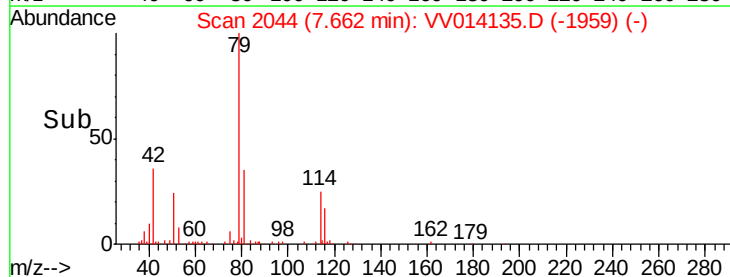
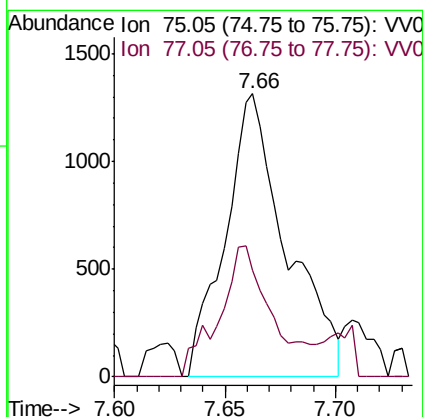
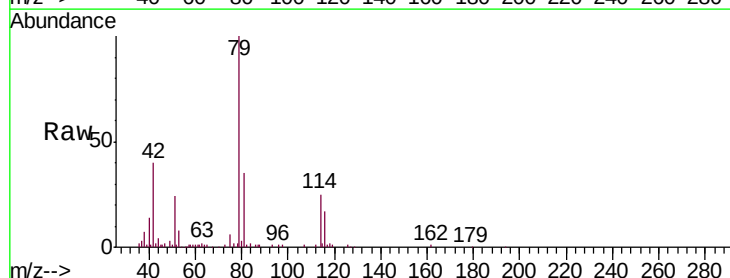
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 MSVOA_V
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 BFDY3

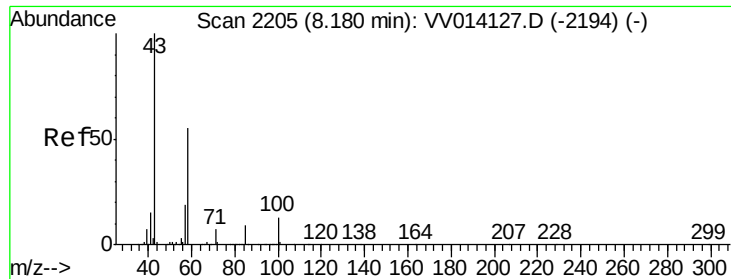
Tgt Ion: 63 Resp: 14248
 Ion Ratio Lower Upper
 63 100
 112 1.1 4.4 6.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV014135.D
 Acq: 19 Dec 2019 17:24

Tgt Ion: 75 Resp: 2542
 Ion Ratio Lower Upper
 75 100
 77 37.5 23.0 42.8





#48

2-Hexanone

Concen: 1.177 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.01 min

Lab File: VV014135.D

Acq: 19 Dec 2019 17:24

Instrument :
MSVOA_V
ClientSampleId :
BFDY3

Tgt Ion: 43 Resp: 10739

Ion Ratio Lower Upper

43 100

58 42.4 43.2 64.8#

57 16.7 15.4 23.2

100 16.0 10.4 15.6#

