

Data File : VV012570.D
Acq On : 04 Sep 2019 16:12
Operator : SY/MD
Sample : K4685-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD74

Quant Time: Sep 05 01:31:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 05 01:26:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	129287	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	134316	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	45660	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52908	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.59	69	59101	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	93721	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	3.96	46	142796	59.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.36%
24) Chloroform-d	4.40	84	96929	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.08	65	54890	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.10	84	171720	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	59463	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	133900	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	7.67	79	18874	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.14	63	78112	48.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42087	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	44626	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

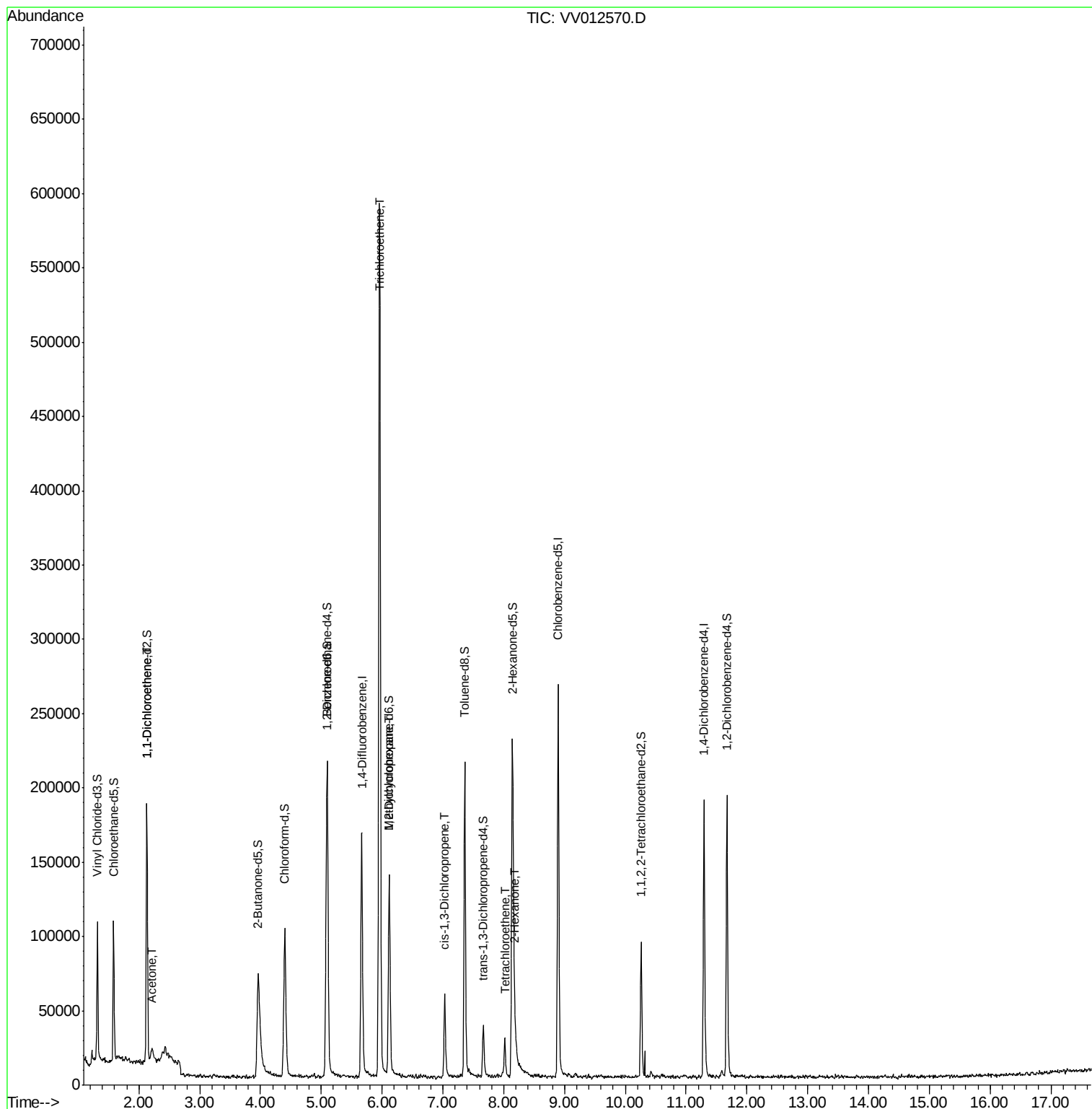
					Qvalue	
12) 1,1-Dichloroethene	2.13	96	1418	0.085	ug/L #	1
13) Acetone	2.22	43	13473	3.968	ug/L	98
34) Trichloroethene	5.96	95	195000	12.761	ug/L	99
35) Methylcyclohexane	6.12	83	13820	0.595	ug/L #	18
39) cis-1,3-Dichloropropene	7.03	75	1806	0.094	ug/L #	75
47) Tetrachloroethene	8.02	164	4875	0.442	ug/L	91
48) 2-Hexanone	8.19	43	8587	1.429	ug/L #	82

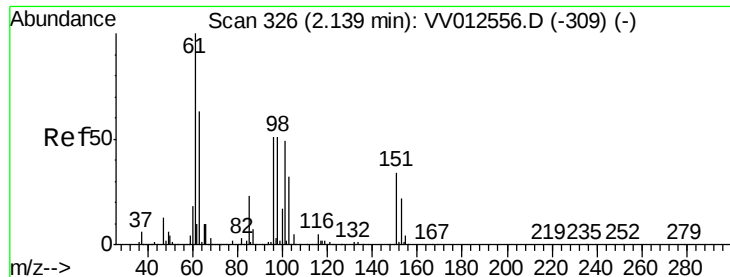
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Acq: 04 Sep 2019 16:12

Instrument :

MSVOA_V

ClientSampleId :

BFD74

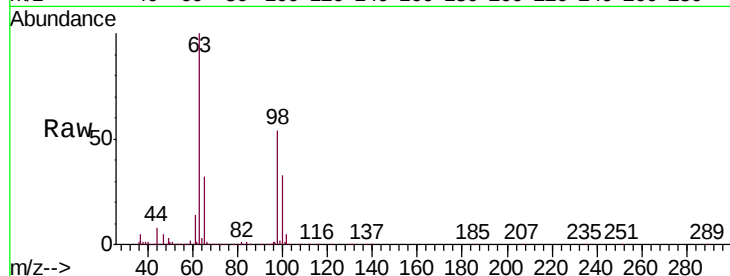
Tgt Ion: 96 Resp: 1418

Ion Ratio Lower Upper

96 100

61 1100.9 133.7 248.3#

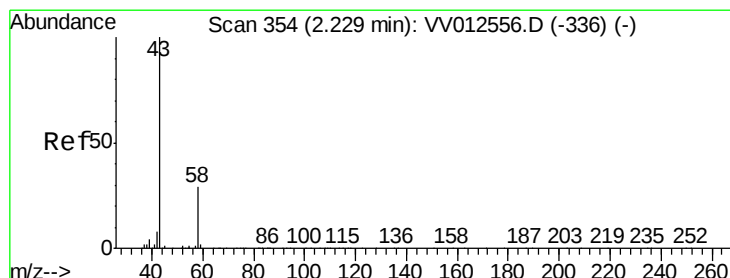
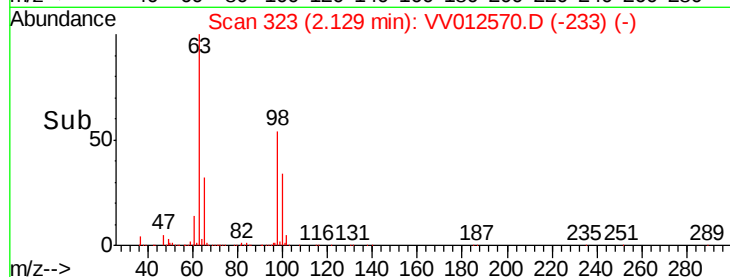
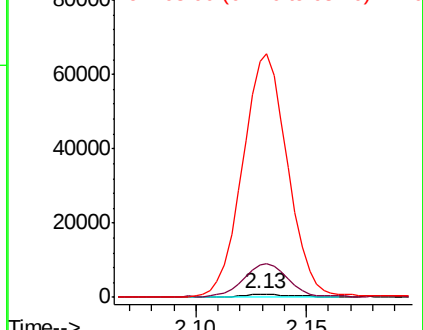
63 7993.9 83.2 154.6#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 3.968 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.01 min

Lab File: VV012570.D

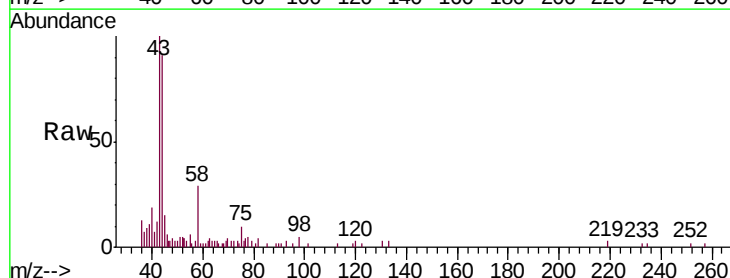
Acq: 04 Sep 2019 16:12

Tgt Ion: 43 Resp: 13473

Ion Ratio Lower Upper

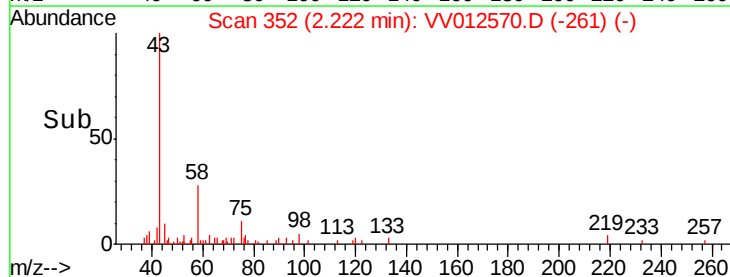
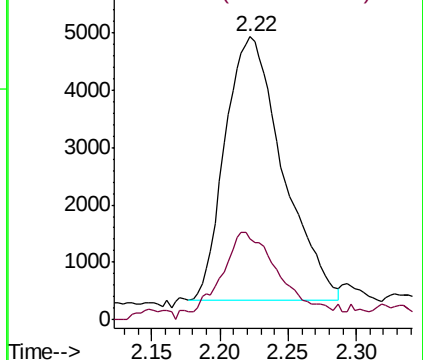
43 100

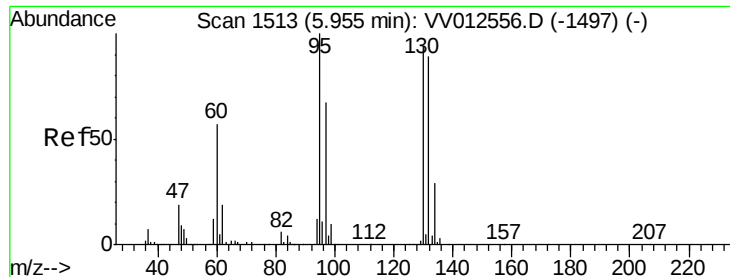
58 28.2 0.0 58.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#34

Trichloroethene

Concen: 12.761 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012570.D

Acq: 04 Sep 2019 16:12

Instrument :

MSVOA_V

ClientSampleId :

BFD74

Tgt Ion: 95 Resp: 195000

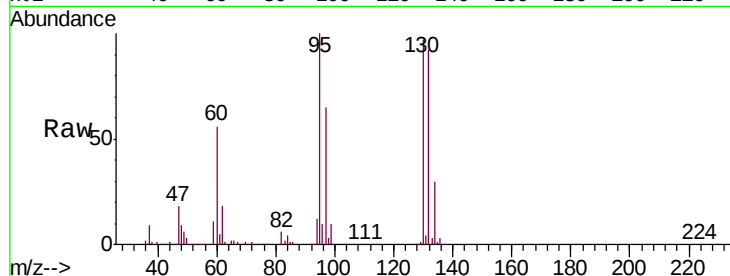
Ion Ratio Lower Upper

95 100

97 65.0 44.7 83.1

132 91.7 63.8 118.4

130 96.9 66.6 123.6

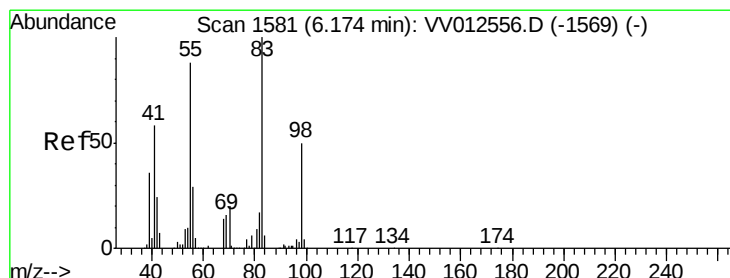
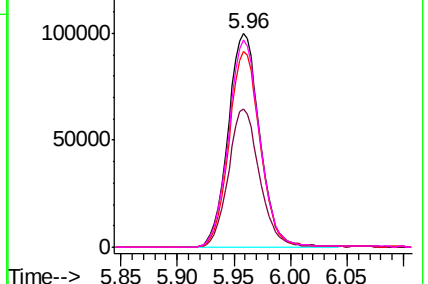
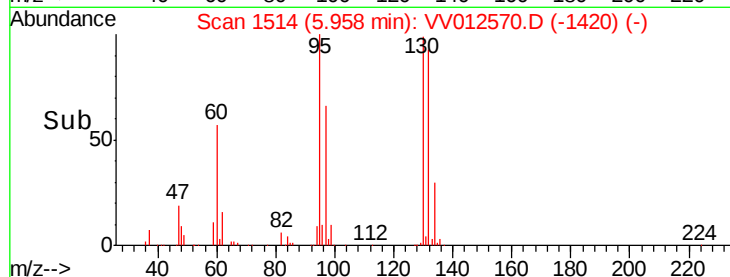


Abundance Ion 95.00 (94.70 to 95.70): VV012556.D (-1497) (-)

Ion 96.95 (96.65 to 97.65): VV012556.D (-1497) (-)

Ion 131.95 (131.65 to 132.65): VV012556.D (-1497) (-)

Ion 129.95 (129.65 to 130.65): VV012556.D (-1497) (-)



#35

Methylcyclohexane

Concen: 0.595 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012570.D

Acq: 04 Sep 2019 16:12

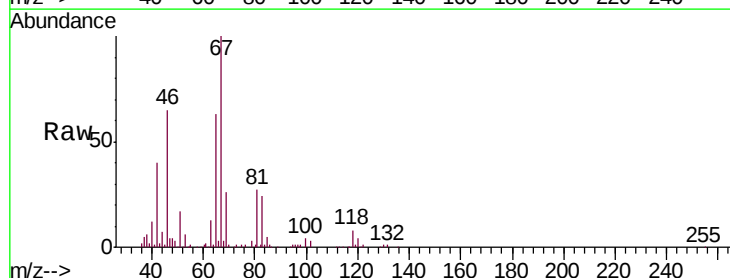
Tgt Ion: 83 Resp: 13820

Ion Ratio Lower Upper

83 100

55 2.3 67.3 100.9#

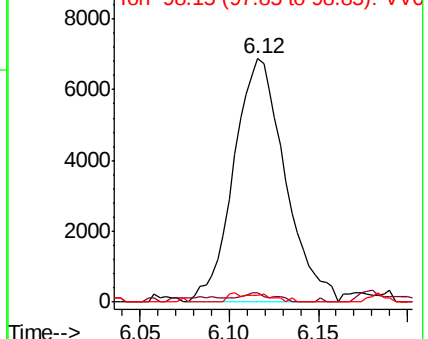
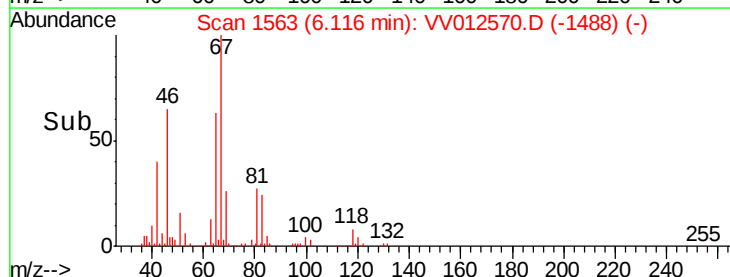
98 1.6 37.4 56.2#

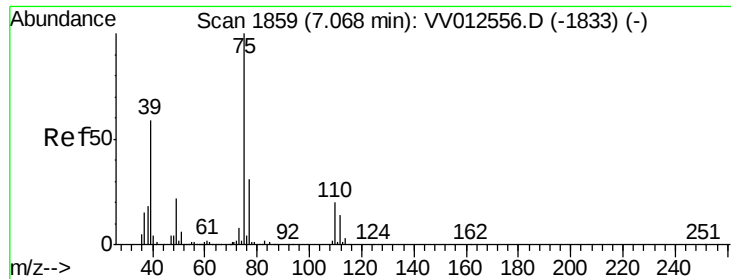


Abundance Ion 83.15 (82.85 to 83.85): VV012556.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV012556.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV012556.D (-1569) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV012570.D

Acq: 04 Sep 2019 16:12

Instrument :

MSVOA_V

ClientSampleId :

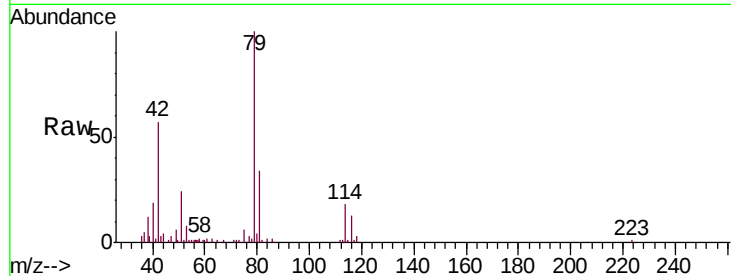
BFD74

Tgt Ion: 75 Resp: 1806

Ion Ratio Lower Upper

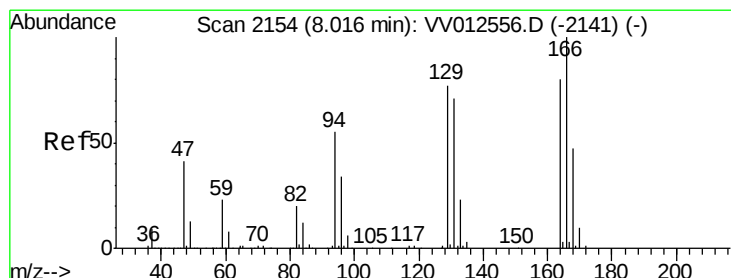
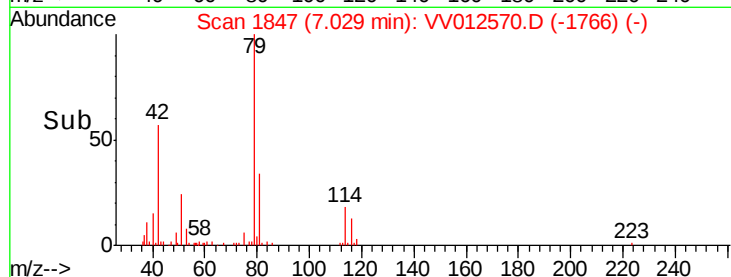
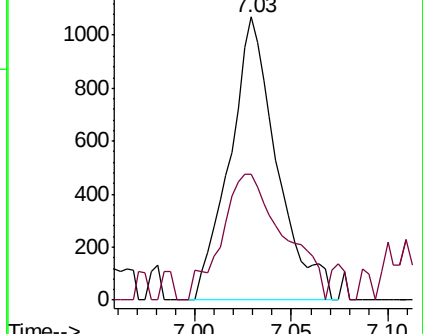
75 100

77 44.7 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VV012556.D (-1833) (-)

Ion 77.05 (76.75 to 77.75): VV012556.D (-1833) (-)



#47

Tetrachloroethene

Concen: 0.442 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012570.D

Acq: 04 Sep 2019 16:12

Tgt Ion: 164 Resp: 4875

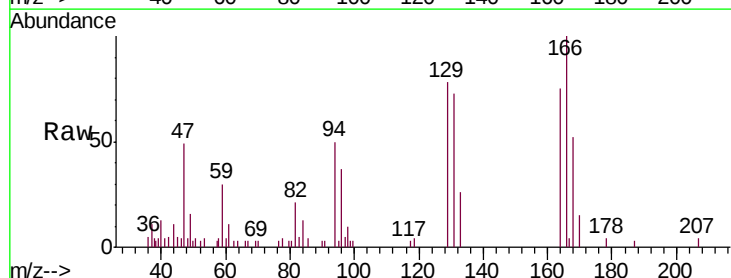
Ion Ratio Lower Upper

164 100

129 103.5 64.5 119.9

131 97.1 62.3 115.7

166 132.9 86.5 160.6

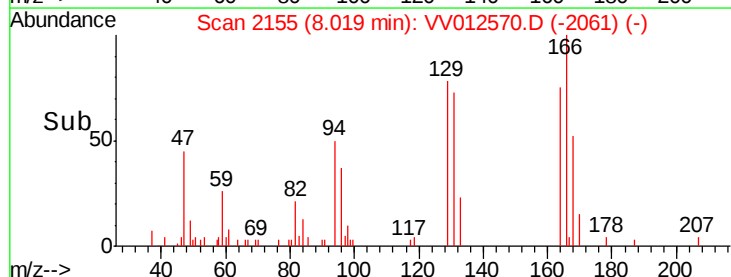
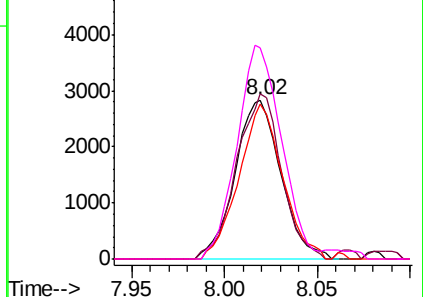


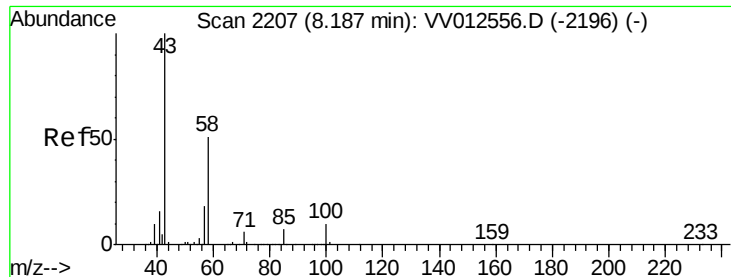
Abundance Ion 163.90 (163.60 to 164.60): VV012556.D (-2141) (-)

Ion 128.95 (128.65 to 129.65): VV012556.D (-2141) (-)

Ion 130.95 (130.65 to 131.65): VV012556.D (-2141) (-)

Ion 165.90 (165.60 to 166.60): VV012556.D (-2141) (-)





#48

2-Hexanone

Concen: 1.429 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. -0.00 min

Lab File: VV012570.D

Acq: 04 Sep 2019 16:12

Instrument :
MSVOA_V
ClientSampleId :
BFD74

Tgt Ion: 43 Resp: 8587

Ion Ratio Lower Upper

43 100

58 35.3 40.0 60.0#

57 8.4 13.4 20.2#

100 10.1 8.2 12.2

