

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011534.D
 Acq On : 15 Jun 2019 12:44
 Operator : SY/MD
 Sample : K3289-17
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM2

Quant Time: Jun 17 06:53:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 17 04:30:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	190838	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	172045	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67191	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61696	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.57	69	42680	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.12	63	94748	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.95	46	193549	47.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.48%
24) Chloroform-d	4.40	84	125955	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	73908	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.09	84	249278	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	79029	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	211040	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.66	79	20814	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.14	63	148059	47.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52969	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	70198	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

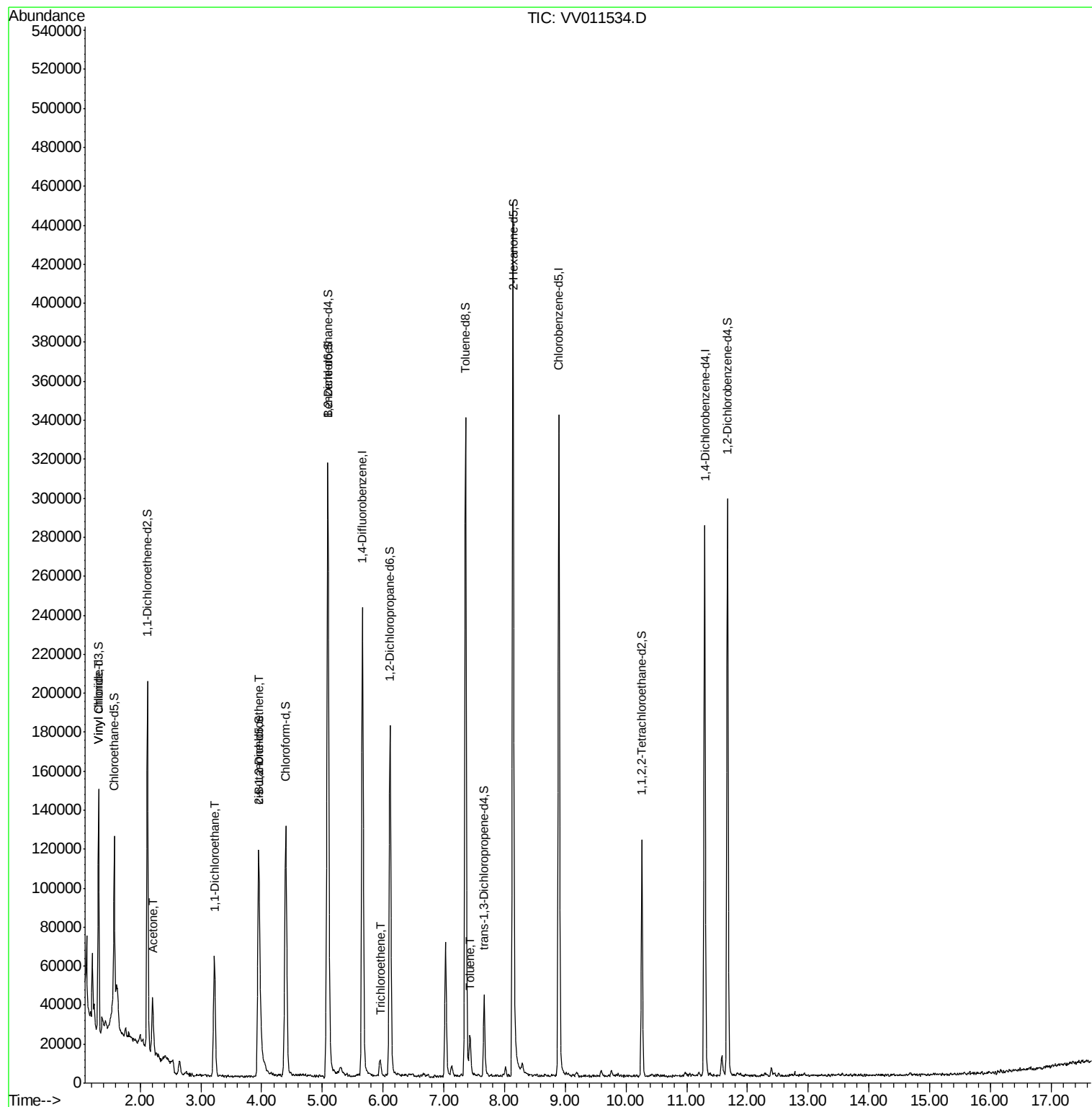
					Ovalue
5) Vinyl chloride	1.32	62	9529	0.523 ug/L	# 70
13) Acetone	2.21	43	25950	9.498 ug/L	95
19) 1,1-Dichloroethane	3.22	63	58132	2.094 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	5552	0.365 ug/L	89
34) Trichloroethene	5.96	95	2205	0.154 ug/L	89
42) Toluene	7.43	91	12974	0.223 ug/L	98

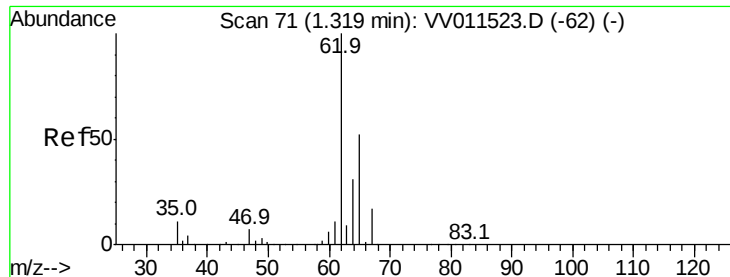
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.523 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011534.D

Acq: 15 Jun 2019 12:44

Instrument :

MSVOA_V

ClientSampled :

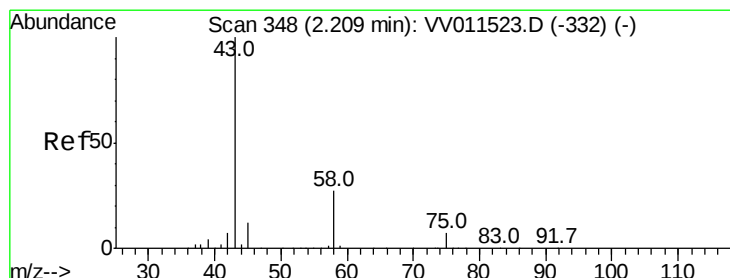
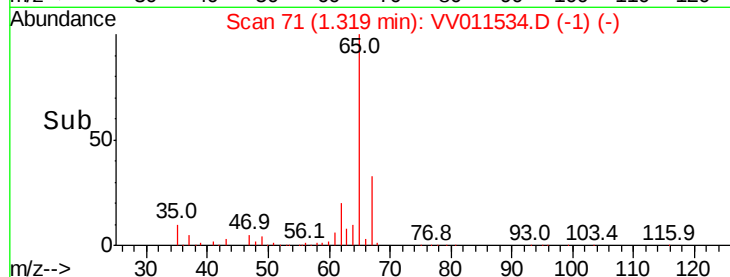
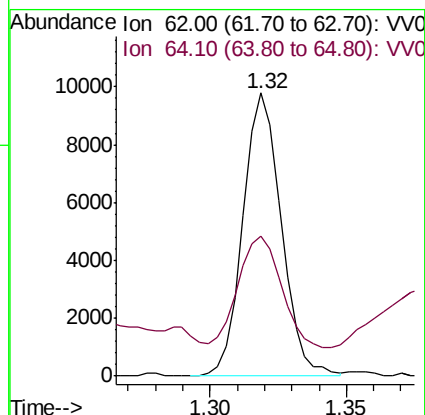
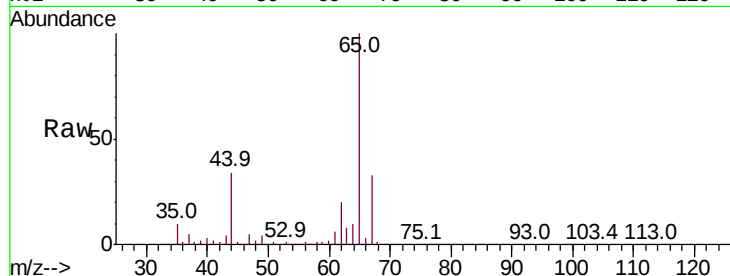
BFCM2

Tot Ion: 62 Resp: 9529

Ion Ratio Lower Upper

62 100

64 49.7 23.0 42.6#



#13

Acetone

Concen: 9.498 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV011534.D

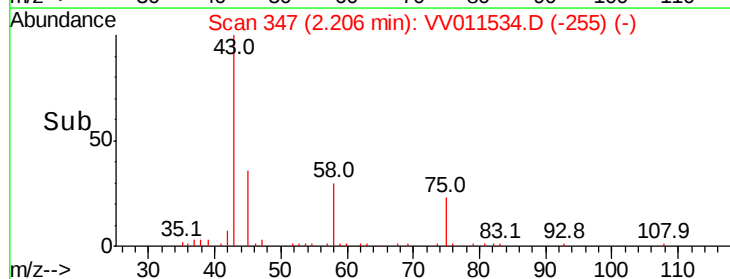
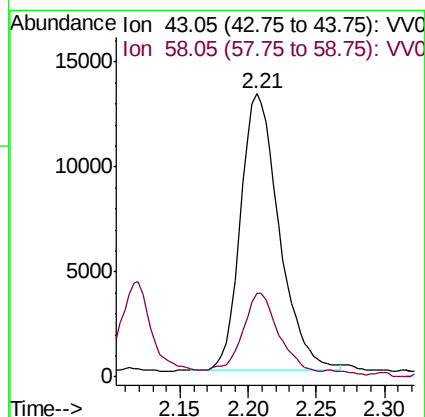
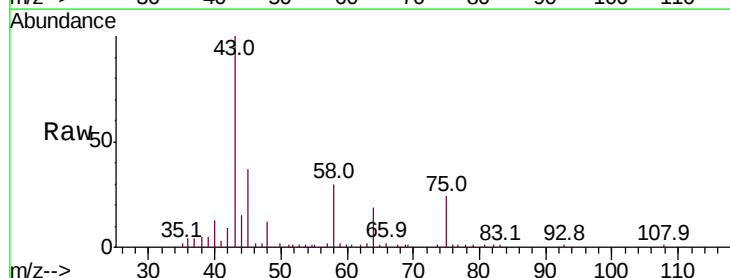
Acq: 15 Jun 2019 12:44

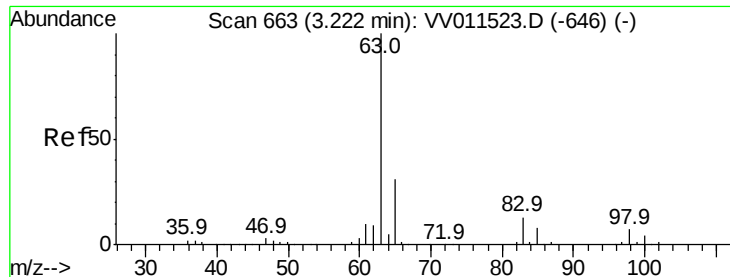
Tgt Ion: 43 Resp: 25950

Ion Ratio Lower Upper

43 100

58 26.5 0.0 57.8





#19

1,1-Dichloroethane

Concen: 2.094 ug/L

RT: 3.22 min Scan# 663

Delta R.T. 0.00 min

Lab File: VV011534.D

Acq: 15 Jun 2019 12:44

Instrument :

MSVOA_V

ClientSampled :

BFCM2

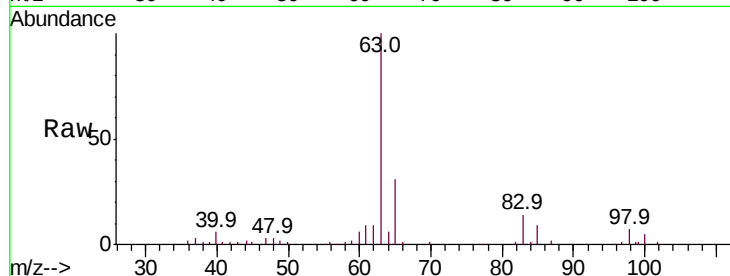
Tot Ion: 63 Resp: 58132

Ion Ratio Lower Upper

63 100

65 31.3 22.5 41.9

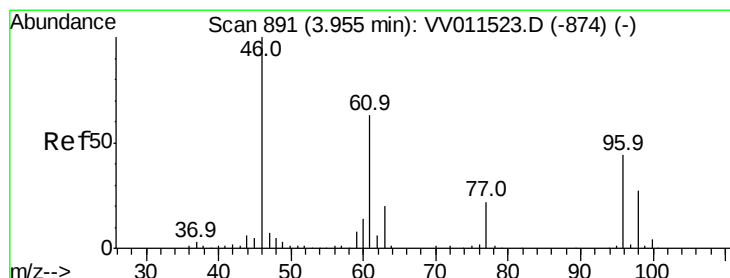
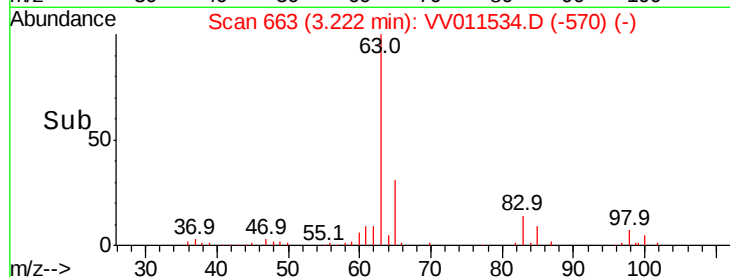
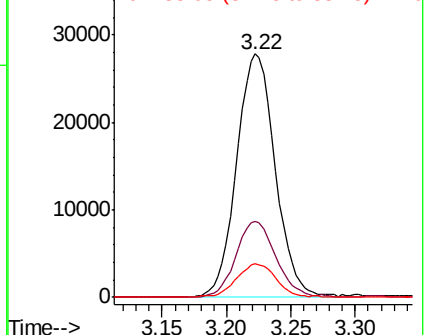
83 13.8 10.1 18.9



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.365 ug/L

RT: 3.96 min Scan# 891

Delta R.T. 0.00 min

Lab File: VV011534.D

Acq: 15 Jun 2019 12:44

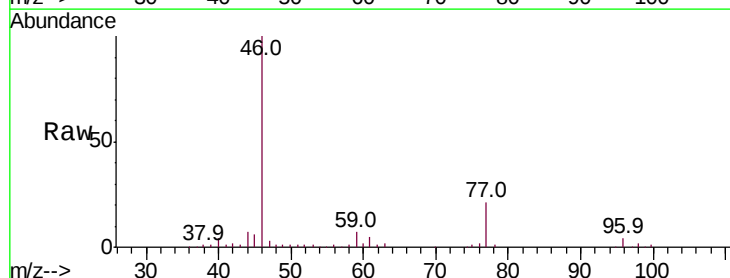
Tgt Ion: 96 Resp: 5552

Ion Ratio Lower Upper

96 100

61 131.8 102.2 189.8

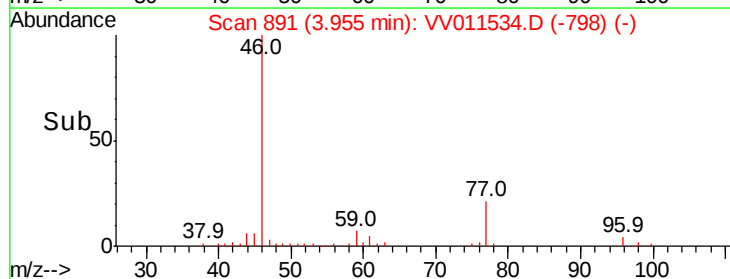
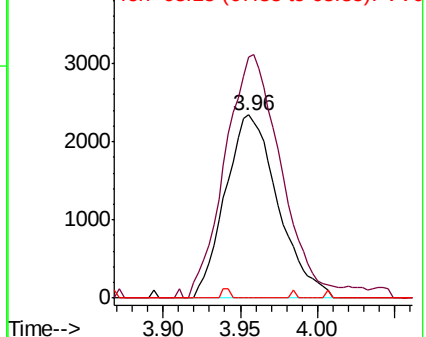
68 0.0 0.0 0.0

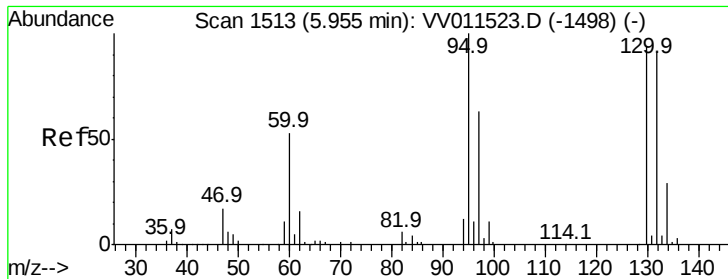


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

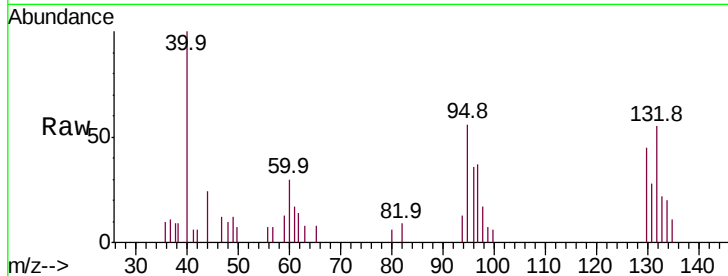




#34
 Trichloroethene
 Concen: 0.154 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV011534.D
 Acq: 15 Jun 2019 12:44

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM2

Tot Ion:	95	Resp:	2205
Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.4	82.4
132	98.3	63.5	117.9
130	80.7	68.5	127.3



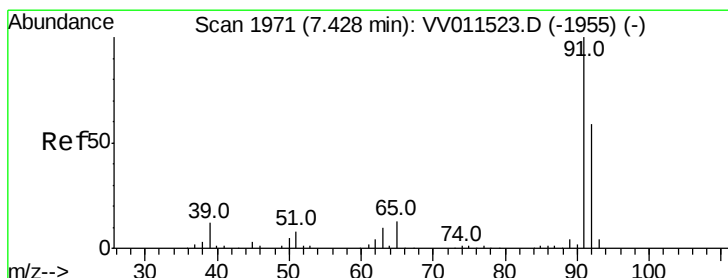
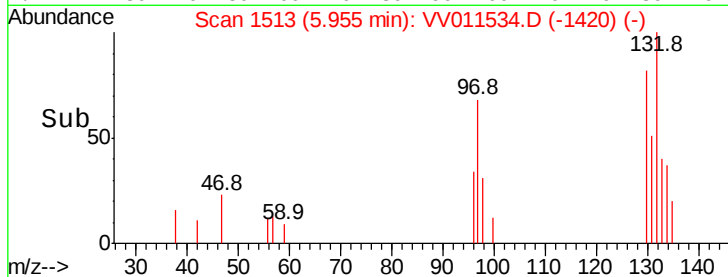
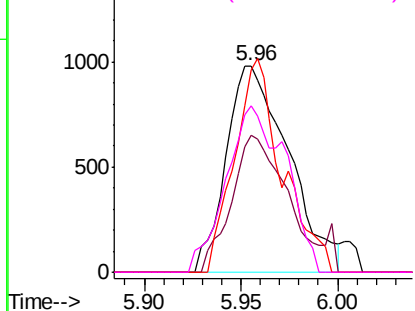
Abundance

Ion 95.00 (94.70 to 95.70): VV011534.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV011534.D (-1498) (-)

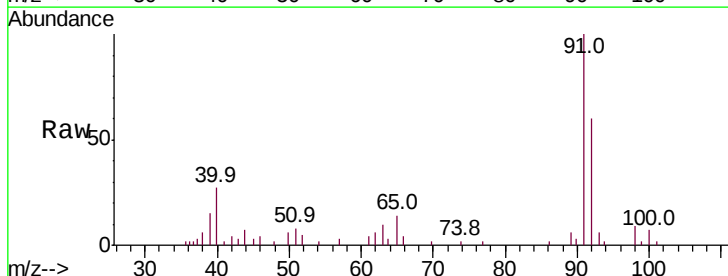
Ion 131.95 (131.65 to 132.65): VV011534.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV011534.D (-1498) (-)



#42
 Toluene
 Concen: 0.223 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV011534.D
 Acq: 15 Jun 2019 12:44

Tgt Ion:	91	Resp:	12974
Ion	Ratio	Lower	Upper
91	100		
92	59.6	40.5	75.1



Abundance

Ion 91.15 (90.85 to 91.85): VV011534.D (-1878) (-)

Ion 92.15 (91.85 to 92.85): VV011534.D (-1878) (-)

