

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062119\
 Data File : VV011652.D
 Acq On : 20 Jun 2019 19:35
 Operator : SY/MD
 Sample : K3381-20
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCT8

Quant Time: Jun 21 03:44:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 02:33:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154459	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143111	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	60719	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49025	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.56	69	36560	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.12	63	76944	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.94	46	156510	57.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.92%
24) Chloroform-d	4.40	84	89551	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.08	65	59062	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.09	84	201709	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.12	67	63349	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	171092	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.67	79	19531	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.13	63	122349	60.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46509	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	59560	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

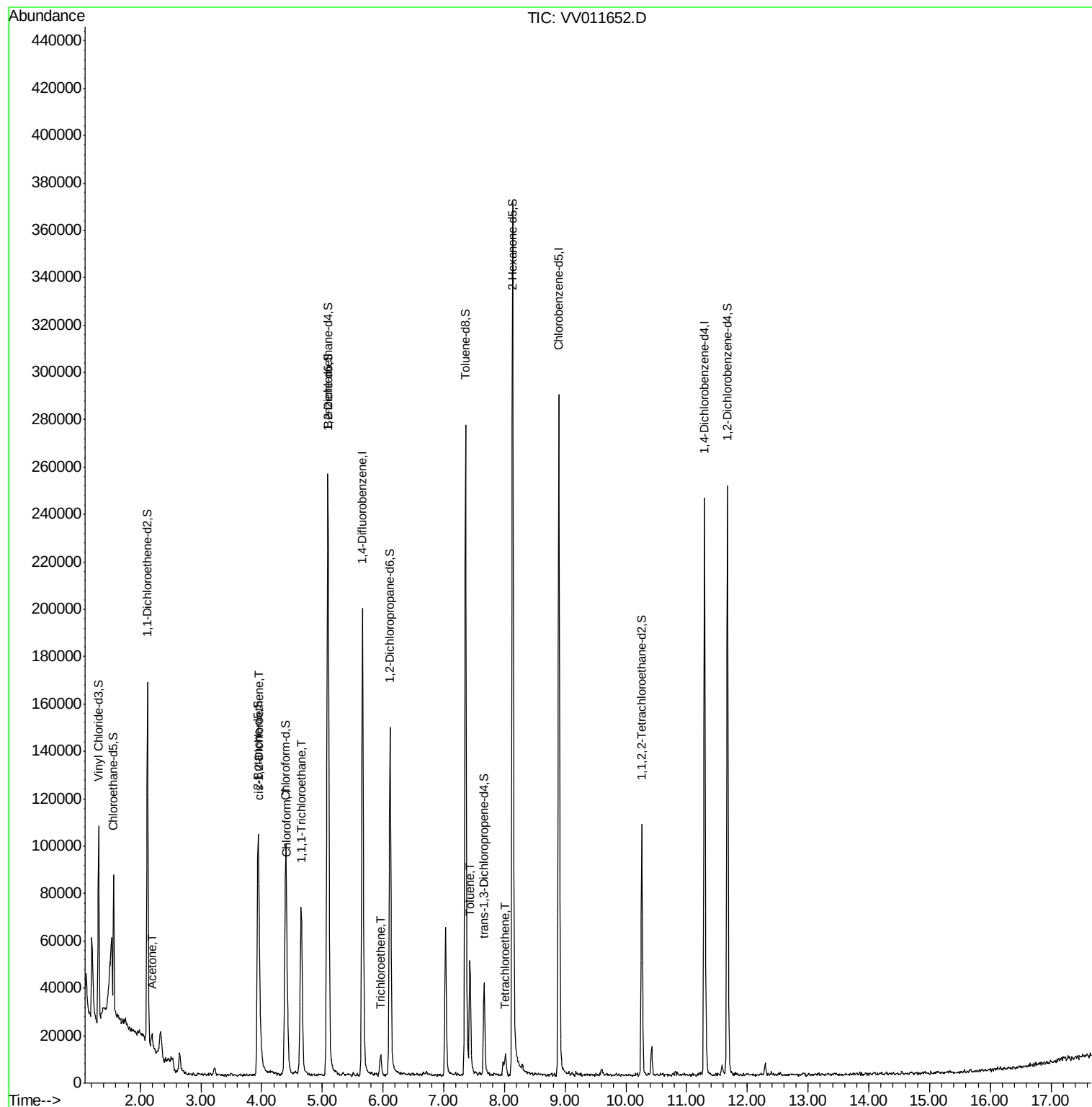
					Ovalue
13) Acetone	2.19	43	5291	2.712 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	5379	0.436 ug/L	90
25) Chloroform	4.42	83	12472	0.508 ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	52381	2.843 ug/L	99
34) Trichloroethene	5.96	95	2877	0.229 ug/L	96
42) Toluene	7.43	91	32095	0.647 ug/L	96
47) Tetrachloroethene	8.02	164	1937	0.207 ug/L	87

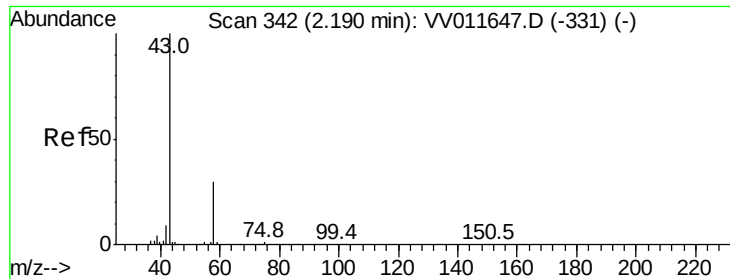
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 02:33:37 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.712 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV011652.D

Acq: 20 Jun 2019 19:35

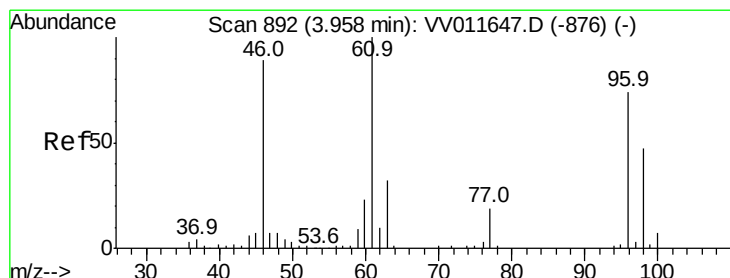
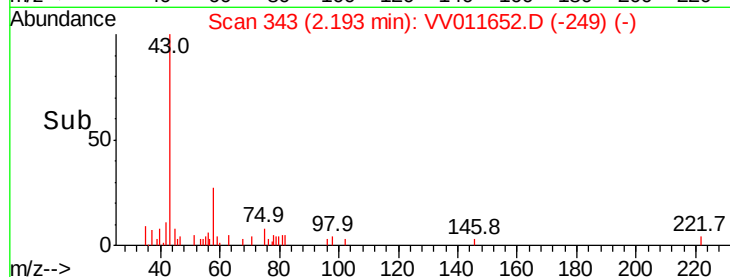
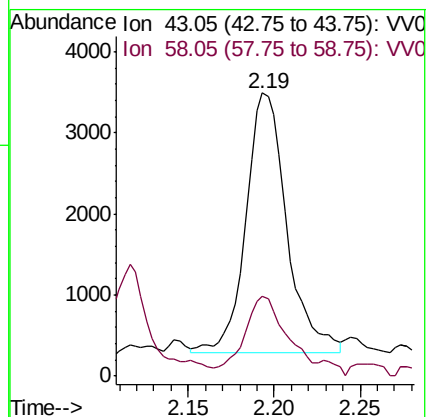
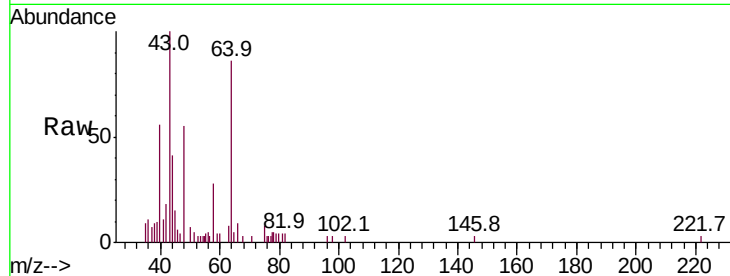
Instrument :
MSVOA_V
ClientSampleId :
BFCT8

Tot Ion: 43 Resp: 5291

Ion Ratio Lower Upper

43 100

58 25.7 0.0 56.6



#22

cis-1,2-Dichloroethene

Concen: 0.436 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV011652.D

Acq: 20 Jun 2019 19:35

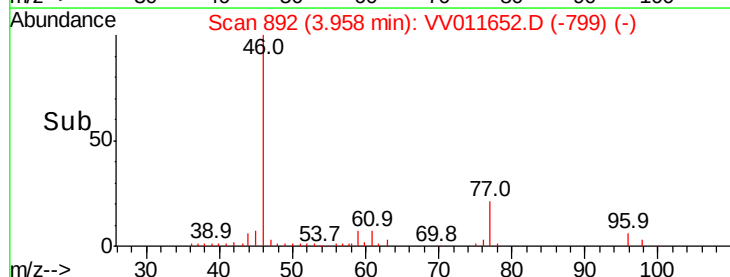
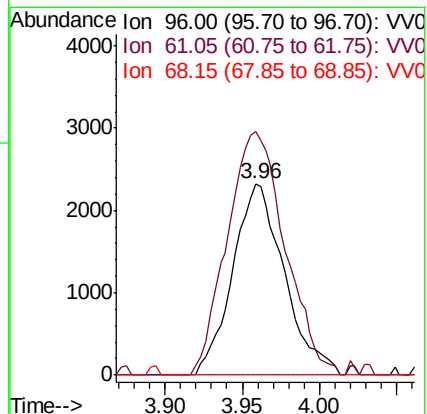
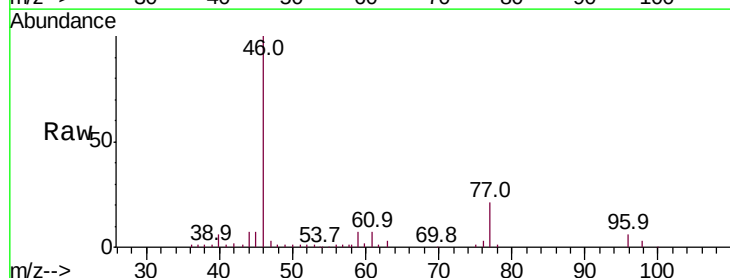
Tgt Ion: 96 Resp: 5379

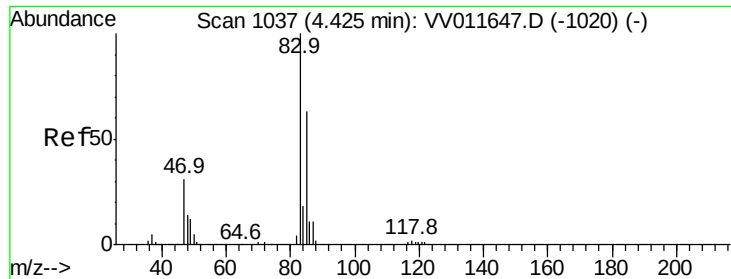
Ion Ratio Lower Upper

96 100

61 127.1 97.9 181.7

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.508 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV011652.D

Acq: 20 Jun 2019 19:35

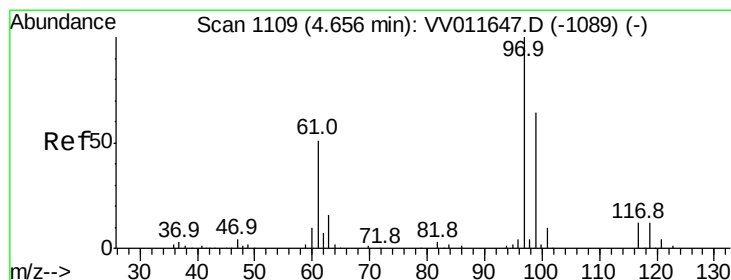
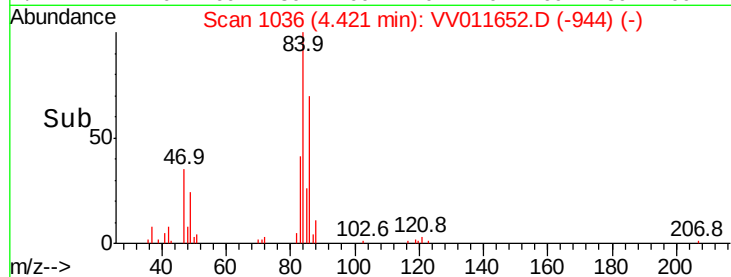
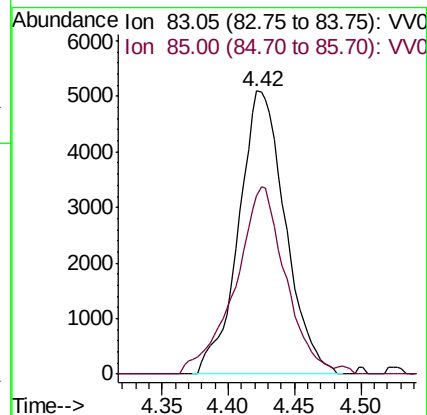
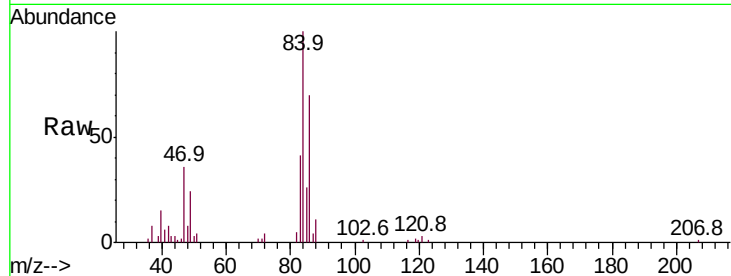
Instrument :
MSVOA_V
ClientSampleId :
BFCT8

Tot Ion: 83 Resp: 12472

Ion Ratio Lower Upper

83 100

85 63.0 47.0 87.2



#29

1,1,1-Trichloroethane

Concen: 2.843 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VV011652.D

Acq: 20 Jun 2019 19:35

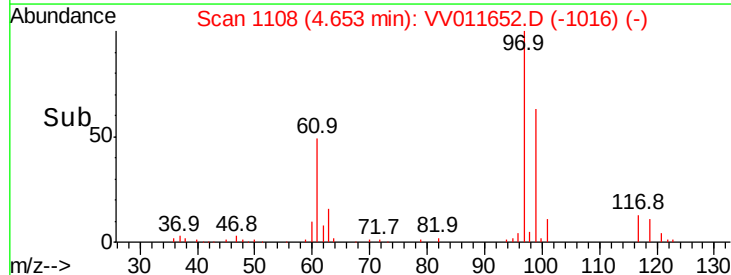
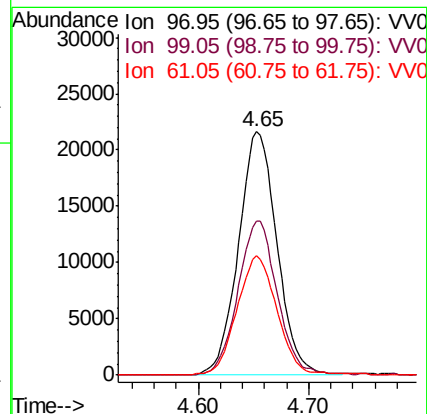
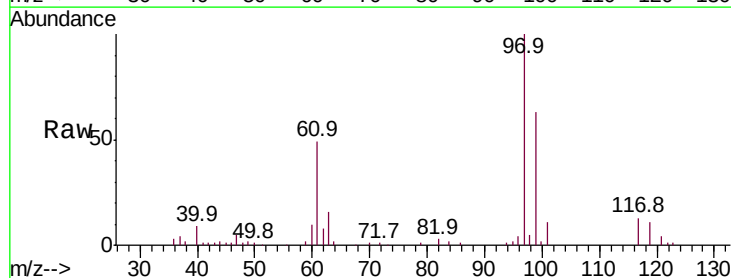
Tgt Ion: 97 Resp: 52381

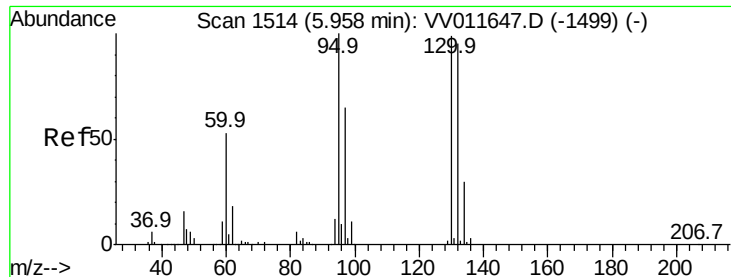
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 50.8 39.8 59.6





#34

Trichloroethene

Concen: 0.229 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV011652.D

Acq: 20 Jun 2019 19:35

Instrument :

MSVOA_V

ClientSampleId :

BFCT8

Tot Ion: 95 Resp: 2877

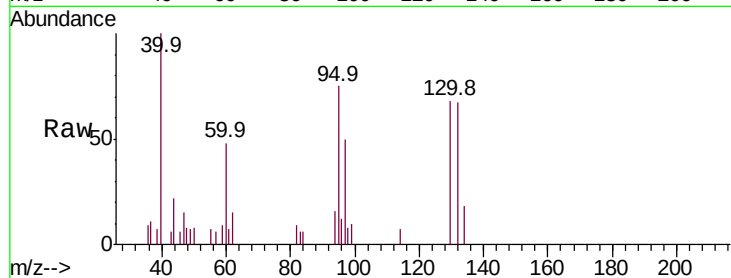
Ion Ratio Lower Upper

95 100

97 66.8 44.4 82.5

132 89.8 65.0 120.6

130 91.3 67.1 124.7

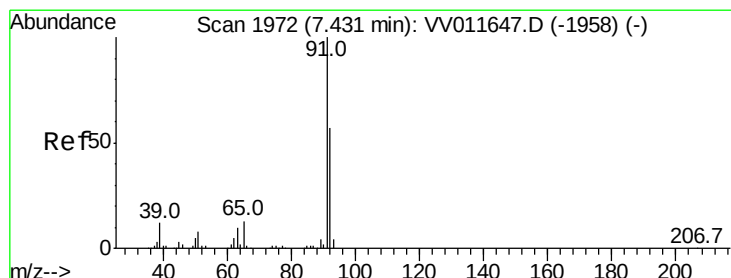
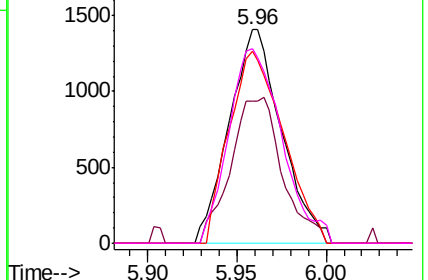
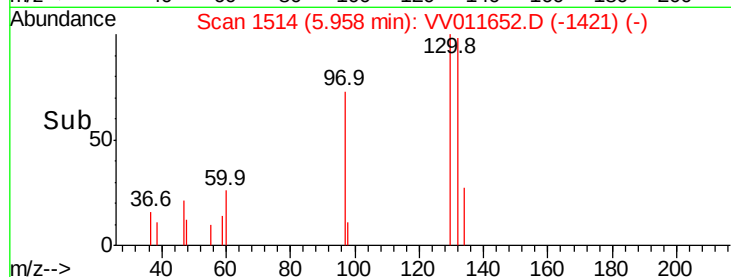


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.647 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011652.D

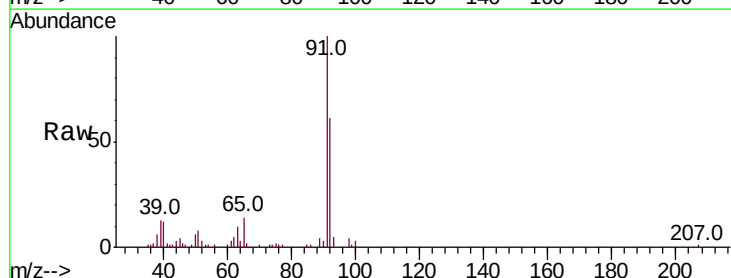
Acq: 20 Jun 2019 19:35

Tgt Ion: 91 Resp: 32095

Ion Ratio Lower Upper

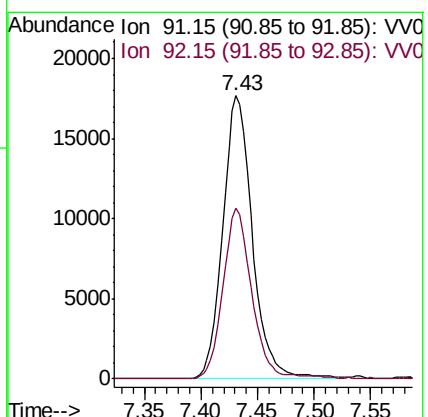
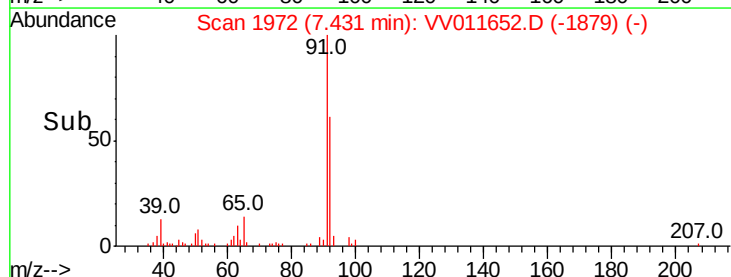
91 100

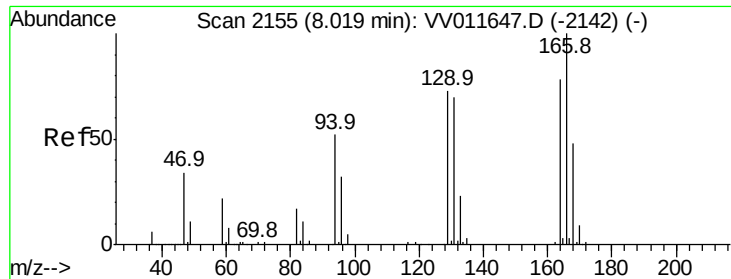
92 60.5 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#47
 Tetrachloroethene
 Concen: 0.207 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV011652.D
 Acq: 20 Jun 2019 19:35

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCT8

Tot Ion:	164	Resp:	1937
Ion	Ratio	Lower	Upper
164	100		
129	70.6	69.7	129.5
131	89.2	64.6	120.0
166	114.7	86.4	160.4

