

Data File : VW010951.D
Acq On : 25 Jun 2019 00:53
Operator : SY/VA
Sample : K3456-19
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANY4

Quant Time: Jun 25 02:51:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 02:43:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	136937	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	159242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	61355	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	10812	6.09	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	24.36%#
7) Chloroethane-d5	2.88	69	15459	11.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.20%
10) 1,1-Dichloroethene-d2	4.01	63	24378	5.81	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	23.24%#
20) 2-Butanone-d5	7.07	46	796	0.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.90%#
24) Chloroform-d	7.65	84	101316	27.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.76%
26) 1,2-Dichloroethane-d4	8.30	65	100613	43.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	175.80%#
29) Benzene-d6	8.27	84	184632	19.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.24%
33) 1,2-Dichloropropane-d6	9.27	67	89120	28.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.84%
37) Toluene-d8	10.32	98	158822	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.64%
38) trans-1,3-Dichloropropene-	10.58	79	21526	15.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.60%
39) 2-Hexanone-d5	10.93	63	894	1.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.52%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82104	31.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.12%#
61) 1,2-Dichlorobenzene-d4	13.86	152	61730	26.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.60%

Target Compounds

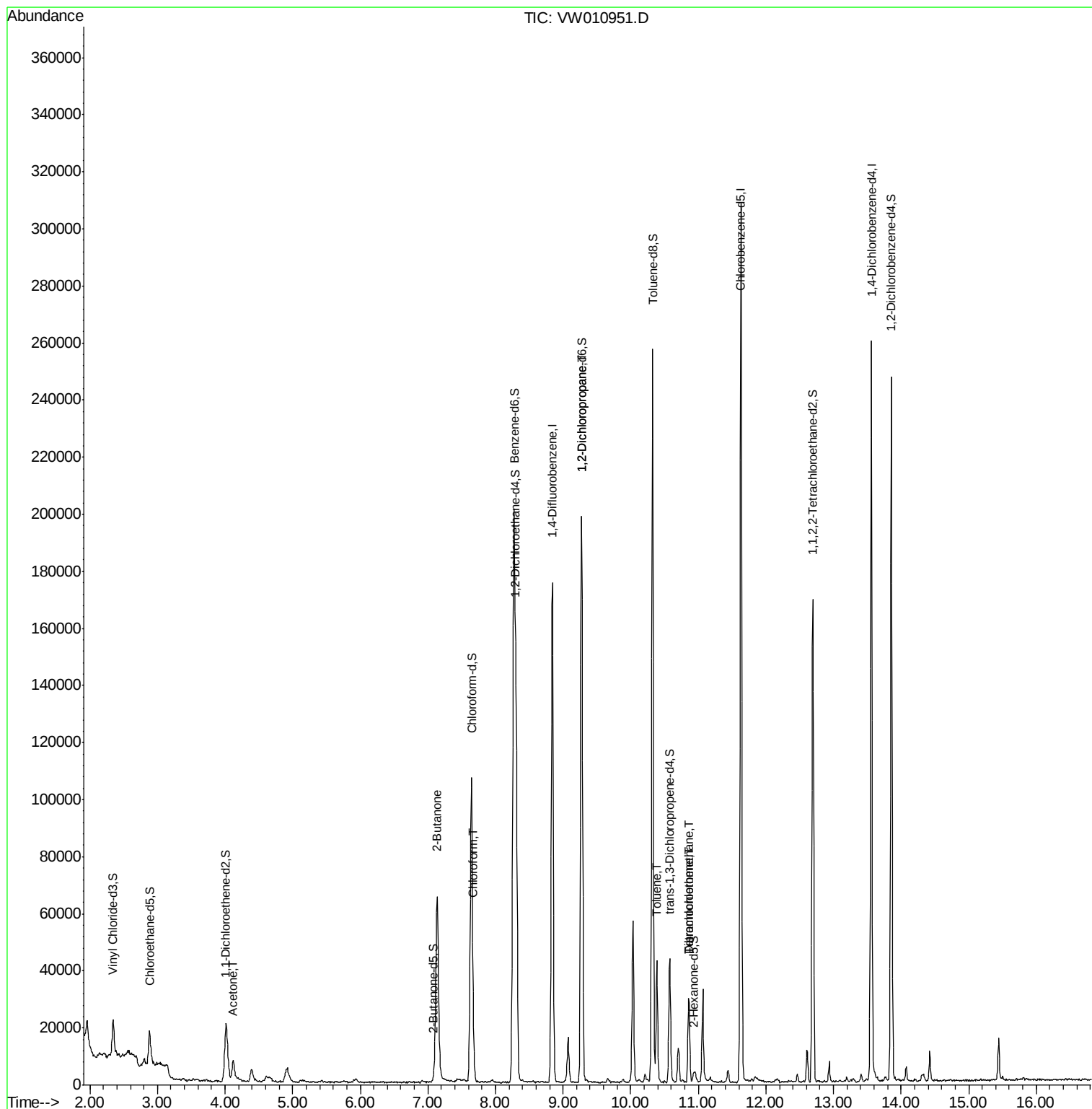
					Qvalue
13) Acetone	4.12	43	13499	16.911 ug/L	96
21) 2-Butanone	7.14	43	6237	5.941 ug/L #	68
25) Chloroform	7.67	83	5351	1.481 ug/L	88
40) 1,2-Dichloropropane	9.27	63	9931	3.448 ug/L #	88
44) Toluene	10.39	91	30099	2.751 ug/L	95
47) Tetrachloroethene	10.86	164	6302	3.131 ug/L	95
50) Dibromochloromethane	10.86	129	6048	2.783 ug/L #	12

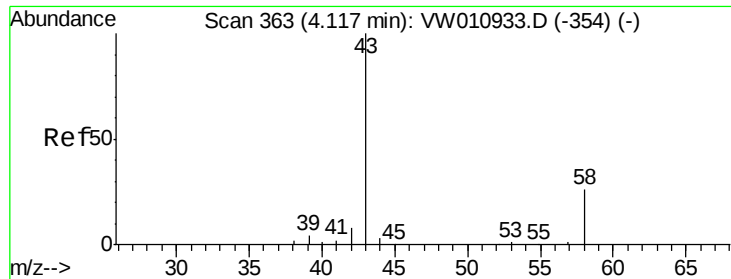
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.911 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 25 Jun 2019 00:53

Instrument :

MSVOA_W

ClientSampleId :

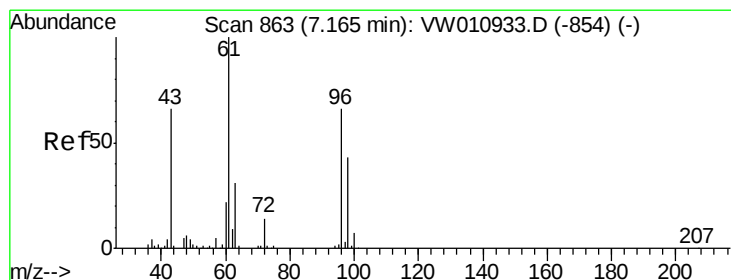
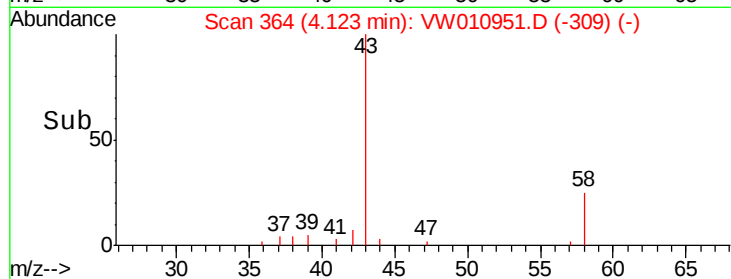
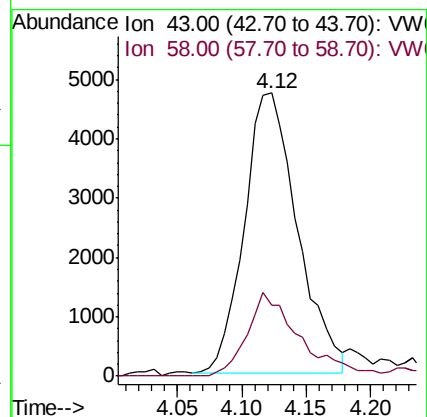
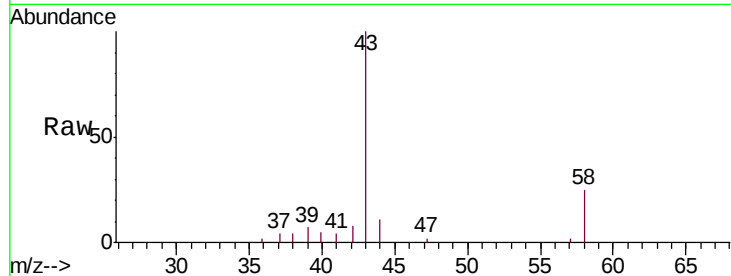
YANY4

Tgt Ion: 43 Resp: 13499

Ion Ratio Lower Upper

43 100

58 28.6 0.0 53.2



#21

2-Butanone

Concen: 5.941 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

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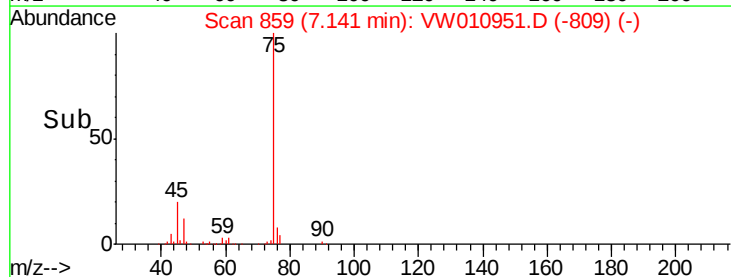
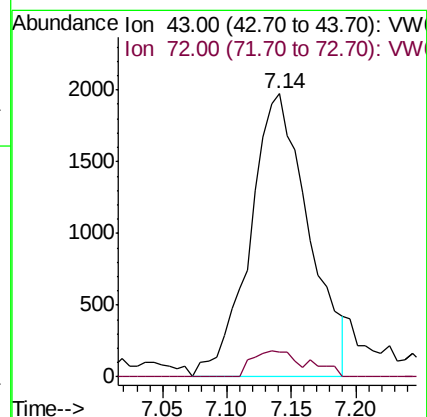
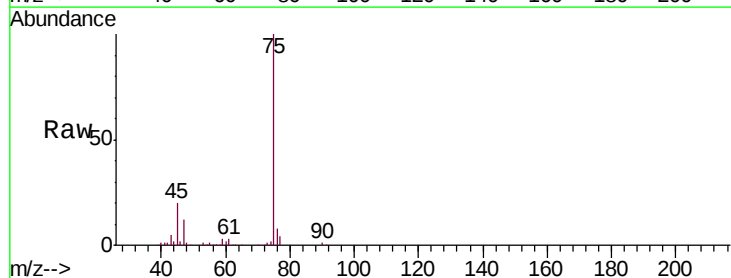
Acq: 25 Jun 2019 00:53

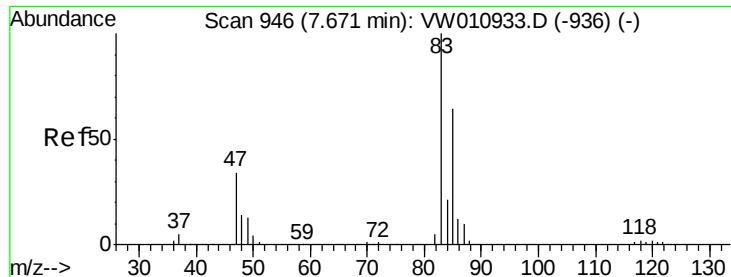
Tgt Ion: 43 Resp: 6237

Ion Ratio Lower Upper

43 100

72 6.6 10.9 32.6#

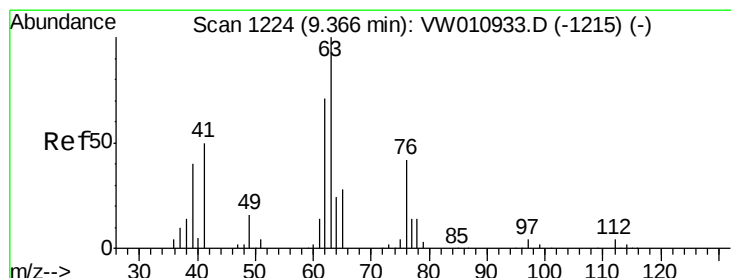
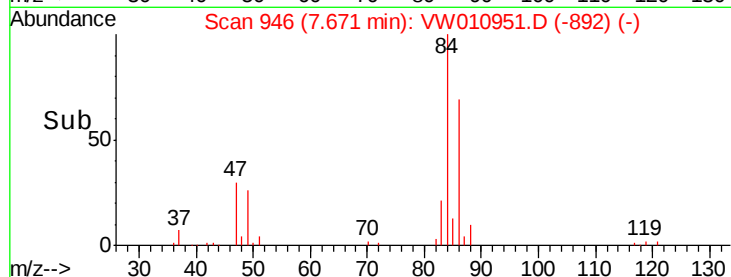
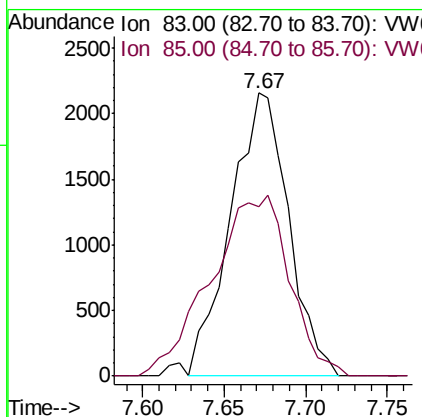
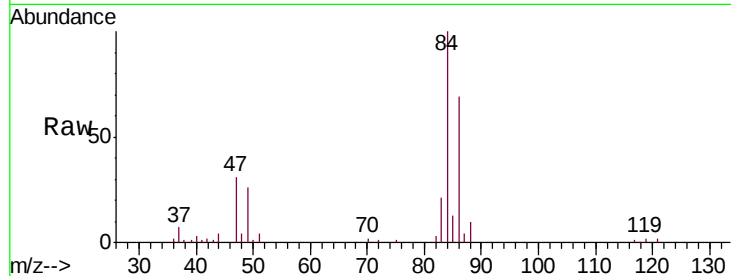




#25
Chloroform
Concen: 1.481 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW010951.D
Acq: 25 Jun 2019 00:53

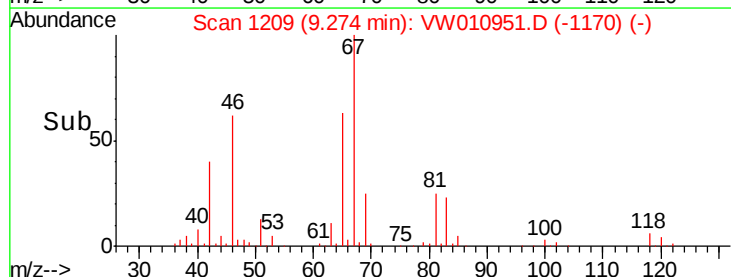
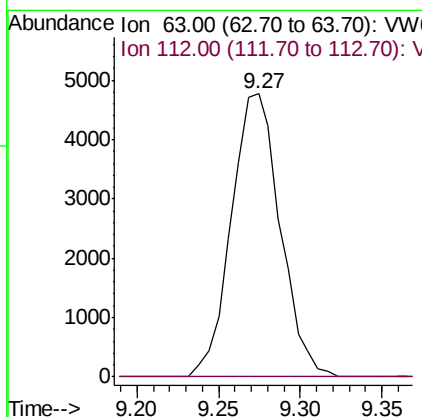
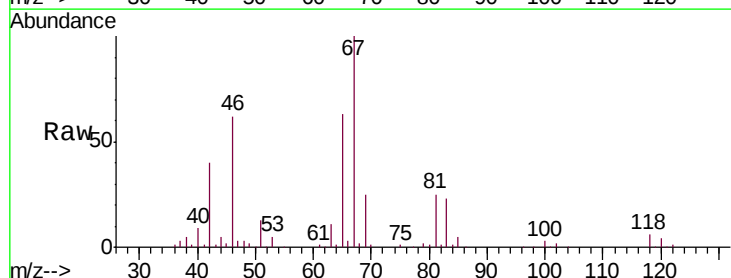
Instrument :
MSVOA_W
ClientSampleId :
YANY4

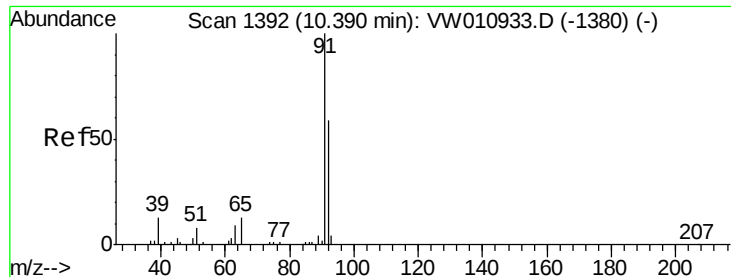
Tgt Ion: 83 Resp: 5351
Ion Ratio Lower Upper
83 100
85 55.9 45.6 84.8



#40
1,2-Dichloropropane
Concen: 3.448 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW010951.D
Acq: 25 Jun 2019 00:53

Tgt Ion: 63 Resp: 9931
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#44

Toluene

Concen: 2.751 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010951.D

Acq: 25 Jun 2019 00:53

Instrument :

MSVOA_W

ClientSampleId :

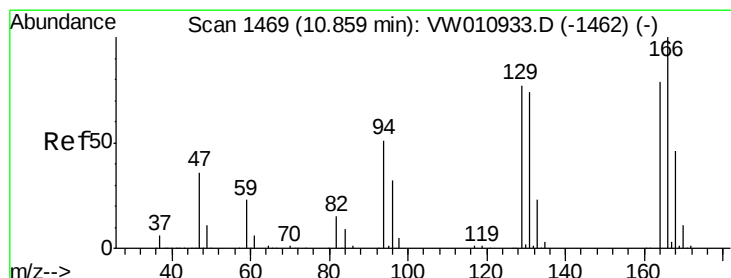
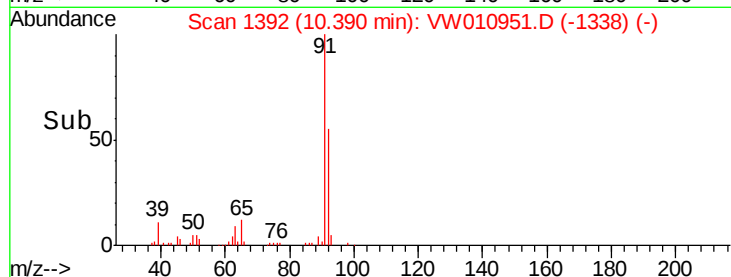
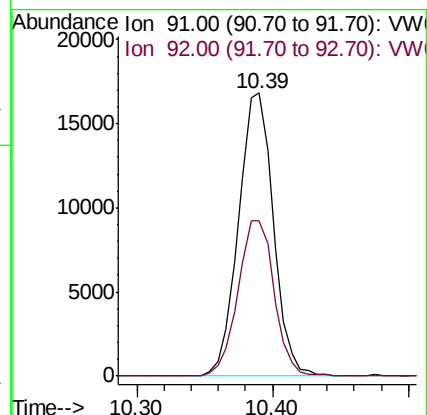
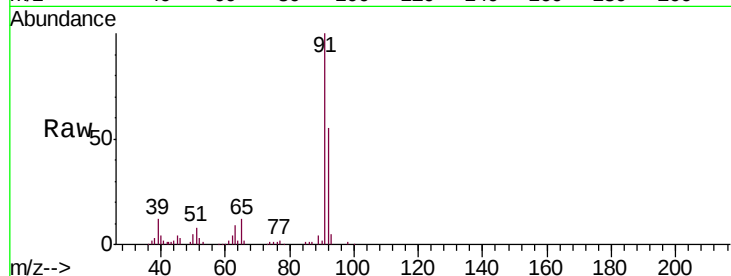
YANY4

Tgt Ion: 91 Resp: 30099

Ion Ratio Lower Upper

91 100

92 54.7 41.2 76.4



#47

Tetrachloroethene

Concen: 3.131 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW010951.D

Acq: 25 Jun 2019 00:53

Tgt Ion: 164 Resp: 6302

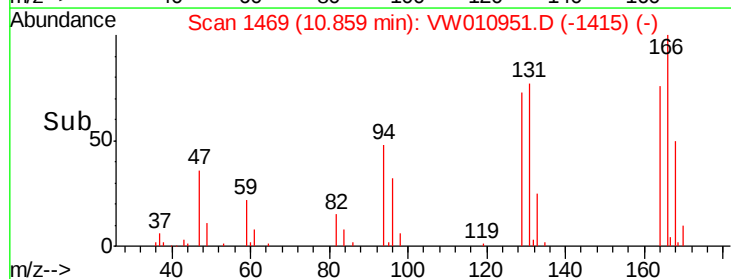
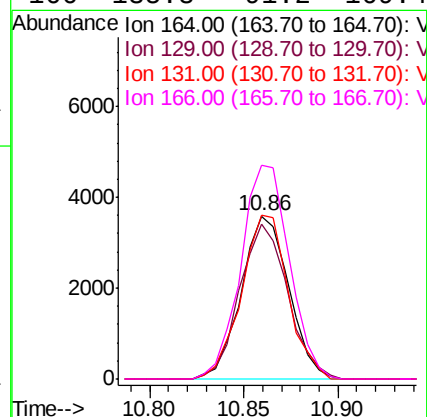
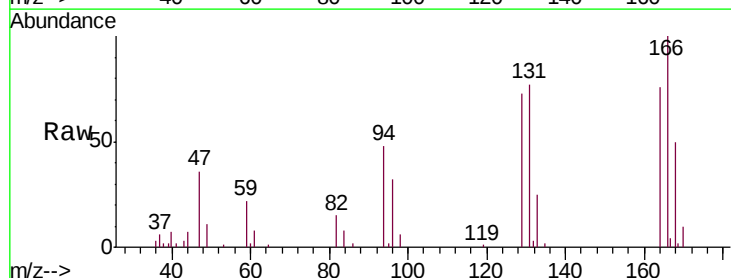
Ion Ratio Lower Upper

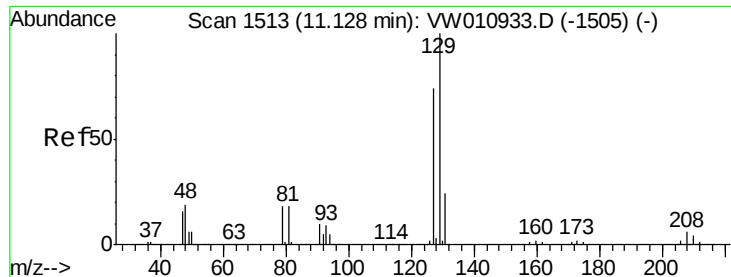
164 100

129 95.0 69.6 129.2

131 100.7 66.8 124.0

166 135.8 91.2 169.4





#50

Dibromochloromethane

Concen: 2.783 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW010951.D

Acq: 25 Jun 2019 00:53

Instrument :

MSVOA_W

ClientSampleId :

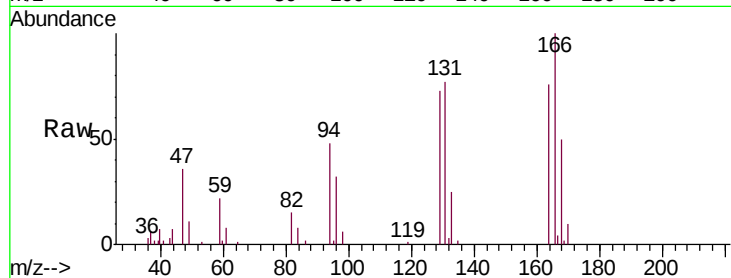
YANY4

Tgt Ion:129 Resp: 6048

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

