

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009470.D
 Acq On : 26 Mar 2019 16:46
 Operator : SY/VA
 Sample : K2044-07
 Misc : 5.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 01:33:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:27:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	70390	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	66040	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	26113	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	17459	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.04%
7) Chloroethane-d5	2.89	69	18572	18.87	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.48%
10) 1,1-Dichloroethene-d2	4.00	63	28292	15.56	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.24%
20) 2-Butanone-d5	7.09	46	11367	32.68	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.36%
24) Chloroform-d	7.65	84	44939	23.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.56%
26) 1,2-Dichloroethane-d4	8.31	65	28708	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.24%
29) Benzene-d6	8.27	84	74615	20.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.96%
33) 1,2-Dichloropropane-d6	9.27	67	24888	22.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.00%
37) Toluene-d8	10.32	98	59201	17.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.32%
38) trans-1,3-Dichloropropene-	10.58	79	10019	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.96%
39) 2-Hexanone-d5	10.93	63	8157	30.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25404	23.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	22266	22.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.96%

Target Compounds

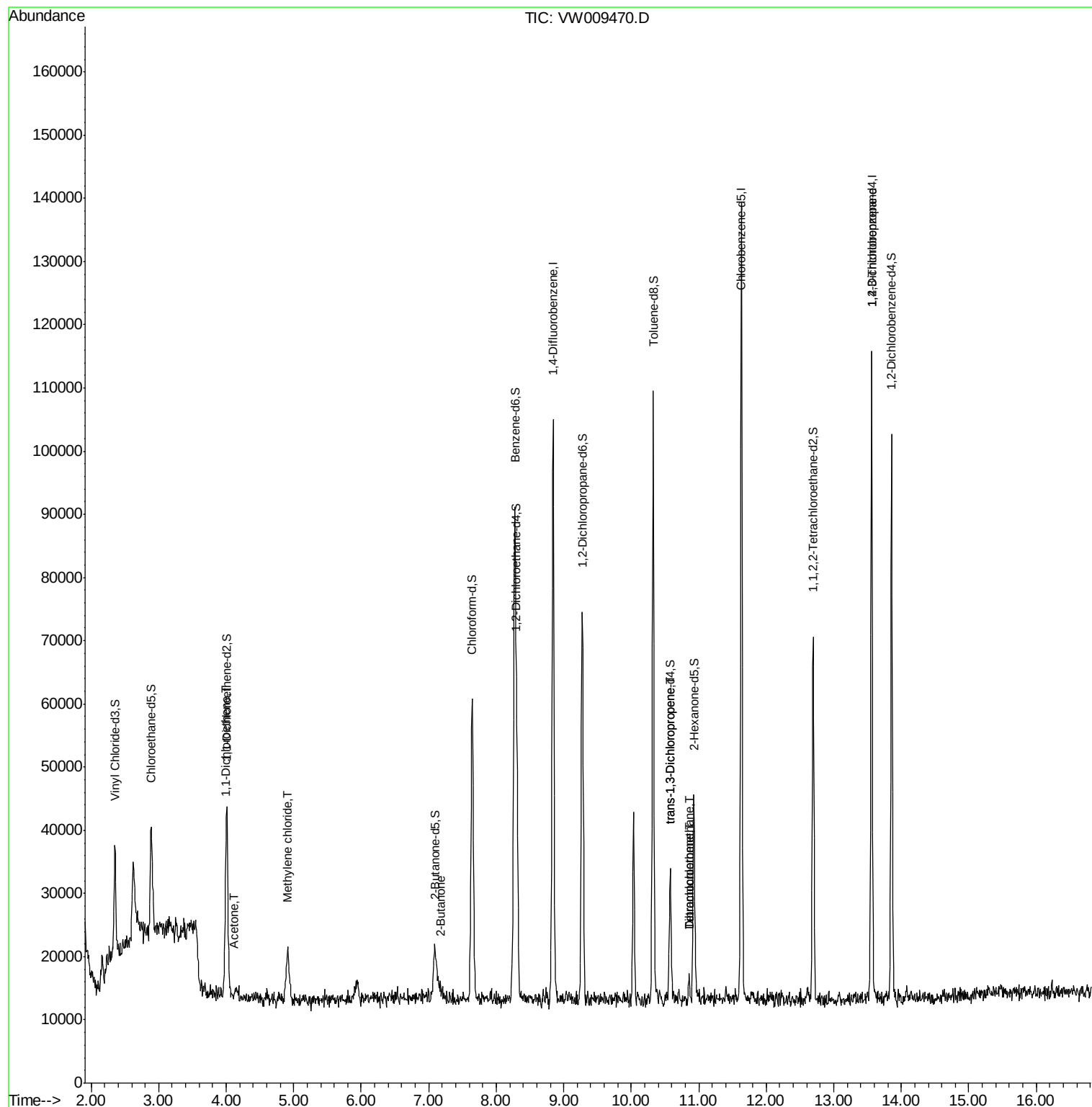
					Ovalue
12) 1,1-Dichloroethene	3.99	96	288	0.332 ug/L #	1
13) Acetone	4.11	43	943	3.306 ug/L	67
16) Methylene chloride	4.91	84	5332	5.194 ug/L	77
21) 2-Butanone	7.18	43	318	0.807 ug/L #	49
45) trans-1,3-Dichloropropene	10.57	75	785	0.597 ug/L #	68
47) Tetrachloroethene	10.86	164	360	0.442 ug/L	90
50) Dibromochloromethane	10.86	129	482	0.528 ug/L #	9
59) 1,2,3-Trichloropropane	13.56	75	3510	4.738 ug/L	89

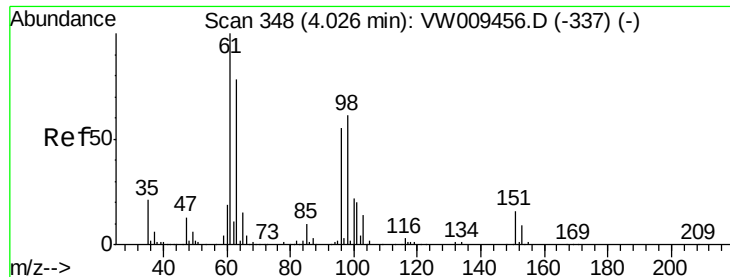
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.332 ug/L

RT: 3.99 min Scan# 342

Delta R.T. -0.04 min

Lab File: VW009470.D

Acq: 26 Mar 2019 16:46

Instrument :

MSVOA_W

ClientSampleId :

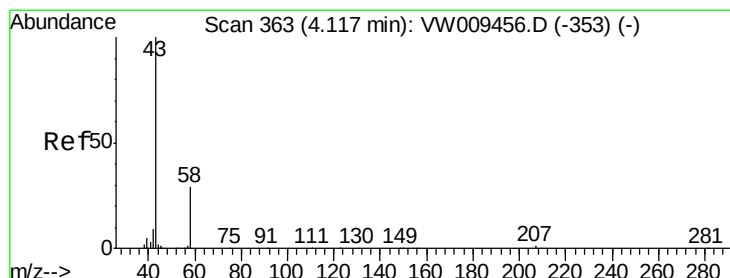
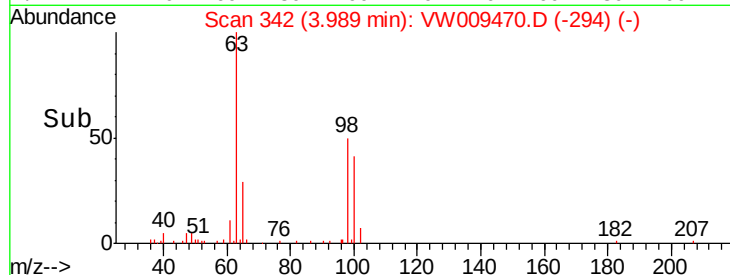
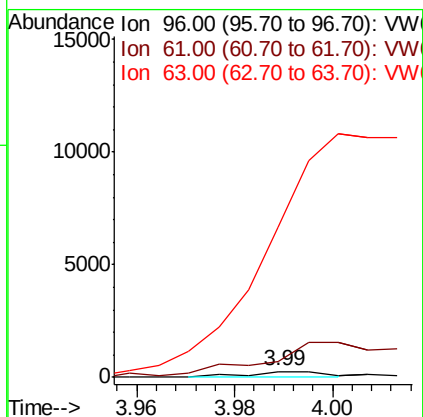
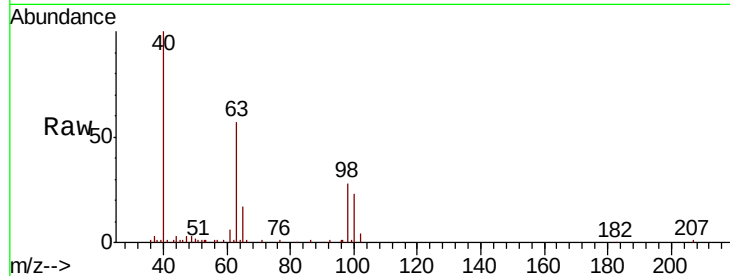
Tot Ion: 96 Resp: 288

Ion Ratio Lower Upper

96 100

61 270.7 129.4 240.2#

63 2539.5 116.8 217.0#



#13

Acetone

Concen: 3.306 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009470.D

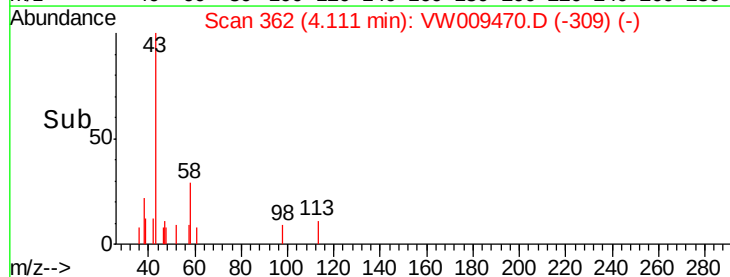
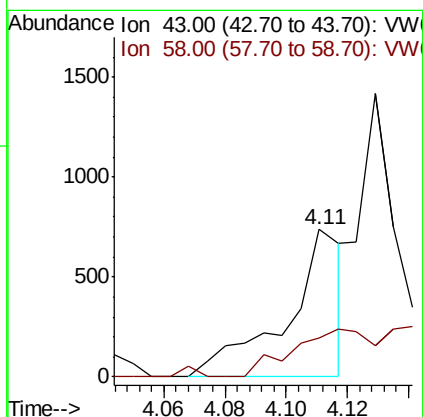
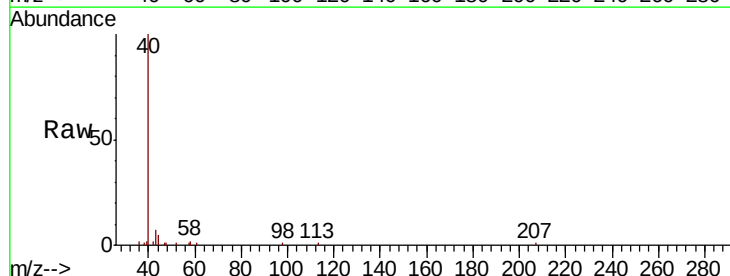
Acq: 26 Mar 2019 16:46

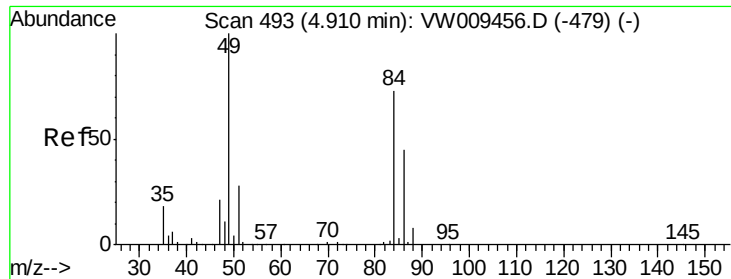
Tgt Ion: 43 Resp: 943

Ion Ratio Lower Upper

43 100

58 45.7 0.0 56.2

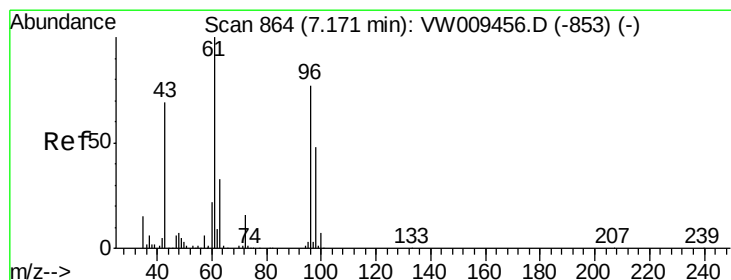
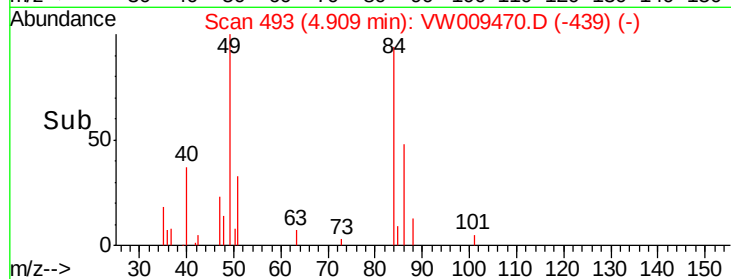
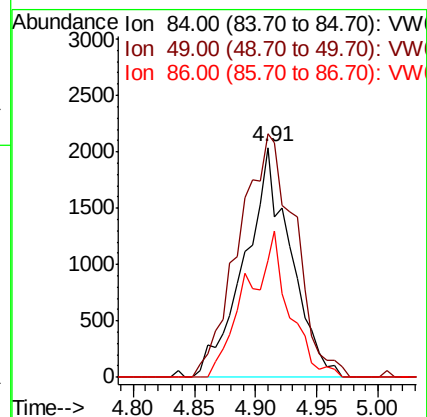
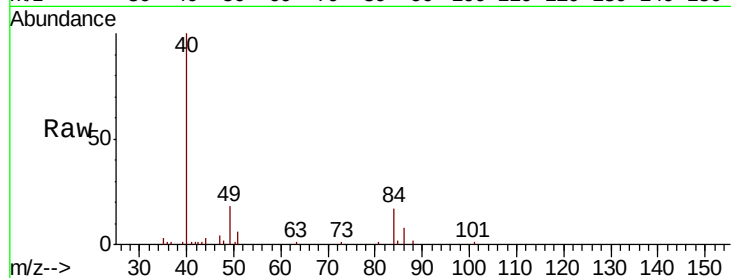




#16
Methylene chloride
Concen: 5.194 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW009470.D
Acq: 26 Mar 2019 16:46

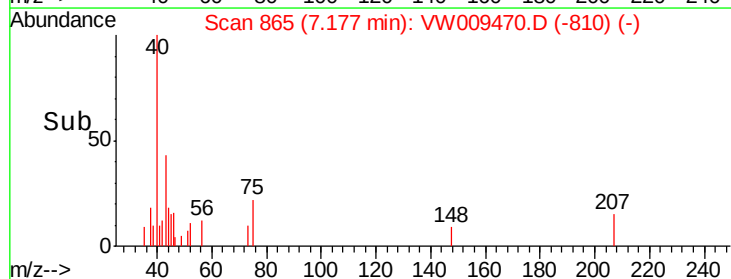
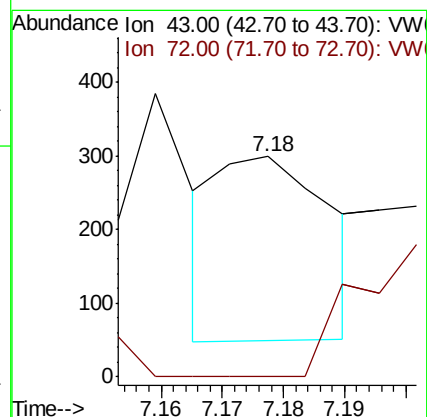
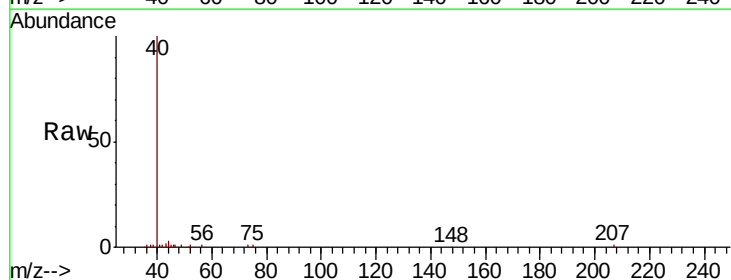
Instrument :
MSVOA_W
ClientSampled :

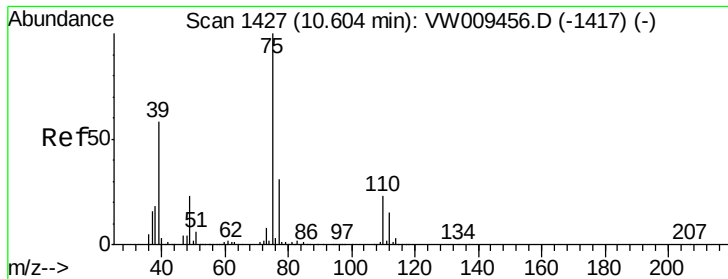
Tot Ion: 84 Resp: 5332
Ion Ratio Lower Upper
84 100
49 105.8 96.0 178.2
86 50.7 44.4 82.5



#21
2-Butanone
Concen: 0.807 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009470.D
Acq: 26 Mar 2019 16:46

Tgt Ion: 43 Resp: 318
Ion Ratio Lower Upper
43 100
72 0.0 13.1 39.1#





#45

trans-1,3-Dichloropropene

Concen: 0.597 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009470.D

Acq: 26 Mar 2019 16:46

Instrument :

MSVOA_W

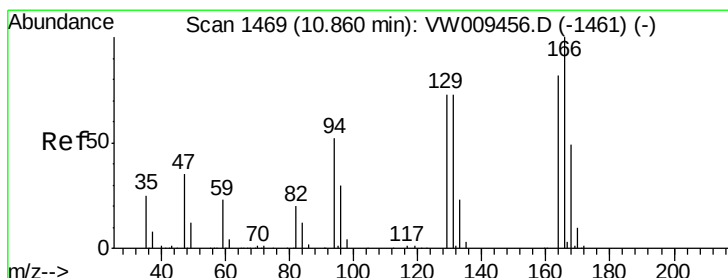
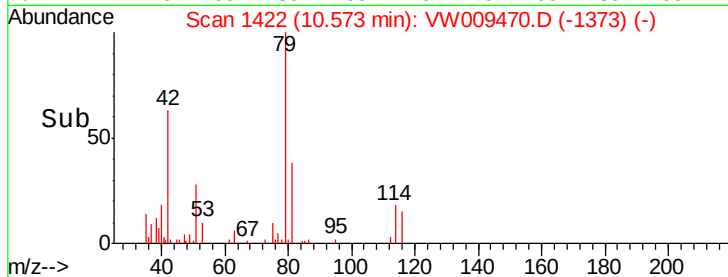
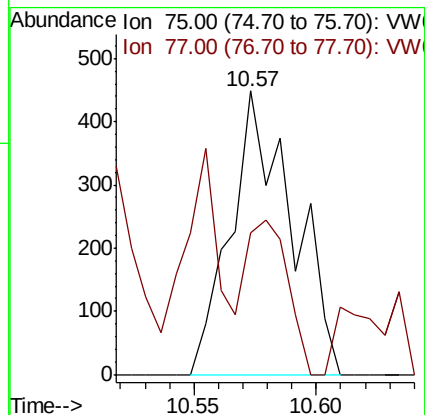
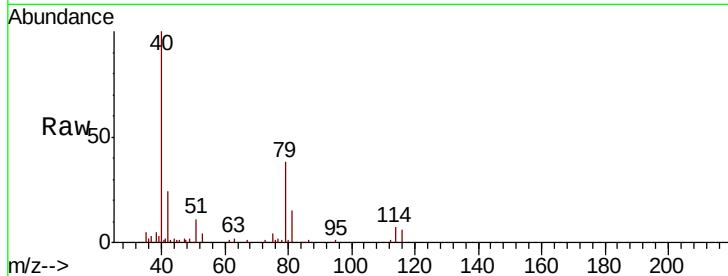
ClientSampled :

Tot Ion: 75 Resp: 785

Ion Ratio Lower Upper

75 100

77 50.0 22.5 41.7#



#47

Tetrachloroethene

Concen: 0.442 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009470.D

Acq: 26 Mar 2019 16:46

Tgt Ion: 164 Resp: 360

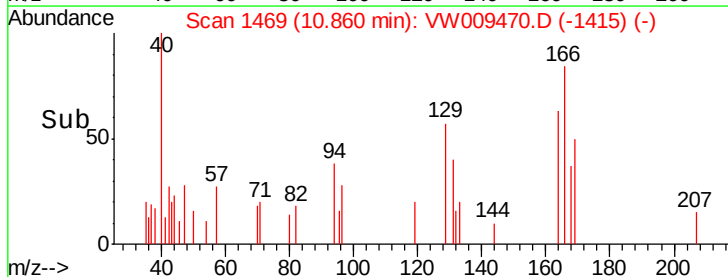
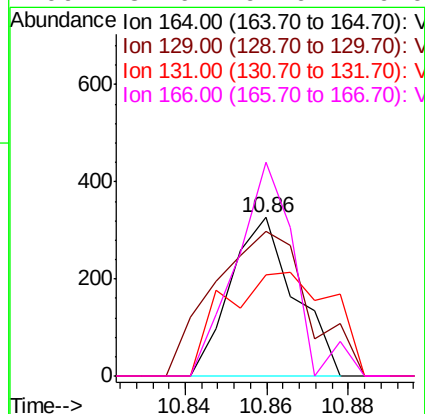
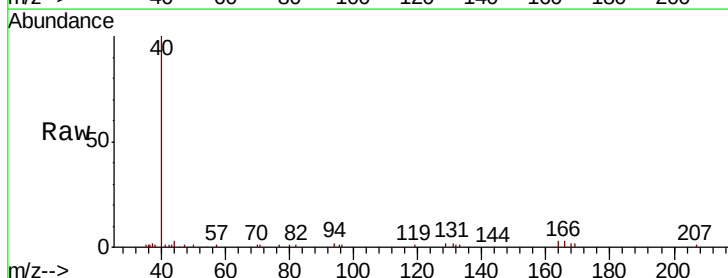
Ion Ratio Lower Upper

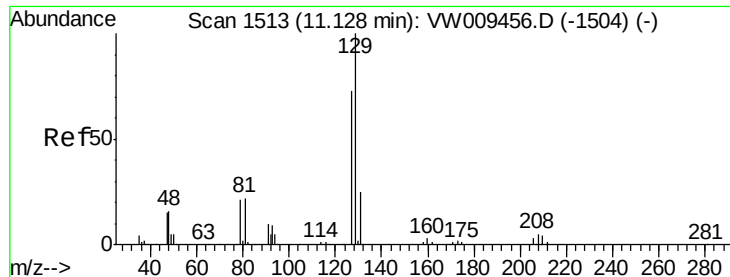
164 100

129 91.1 66.5 123.5

131 63.6 62.6 116.3

166 134.6 91.6 170.0





#50

Dibromochloromethane

Concen: 0.528 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009470.D

Acq: 26 Mar 2019 16:46

Instrument :

MSVOA_W

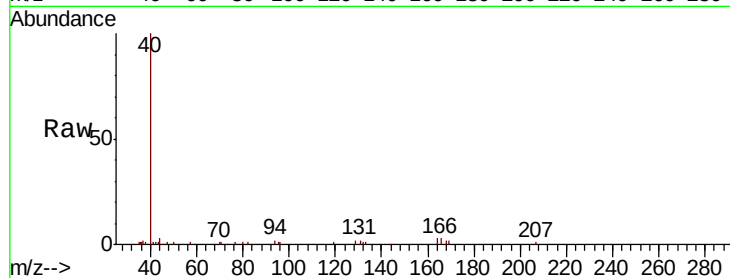
ClientSampleId :

Tot Ion:129 Resp: 482

Ion Ratio Lower Upper

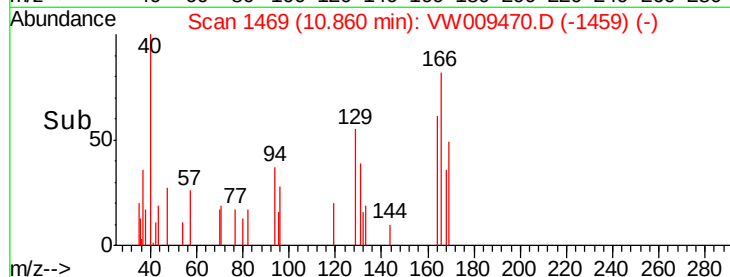
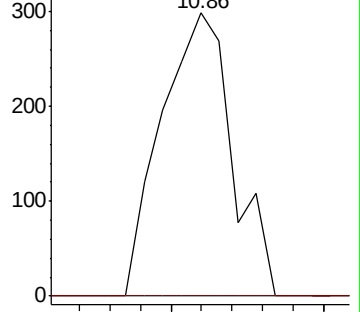
129 100

127 0.0 56.8 105.6#

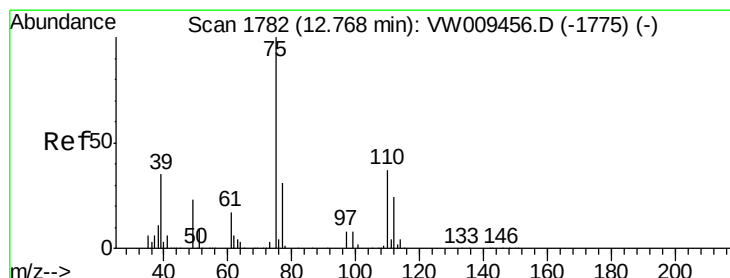


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#59

1,2,3-Trichloropropane

Concen: 4.738 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009470.D

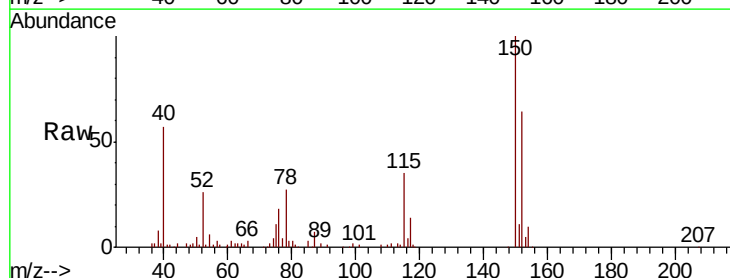
Acq: 26 Mar 2019 16:46

Tgt Ion: 75 Resp: 3510

Ion Ratio Lower Upper

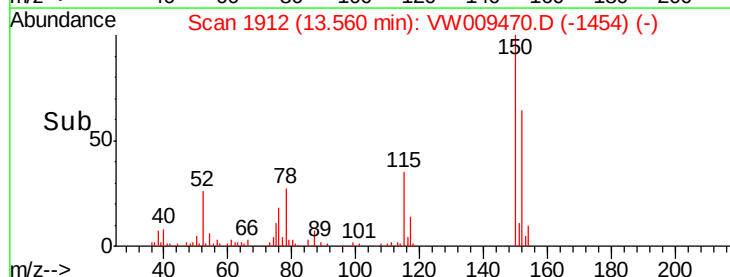
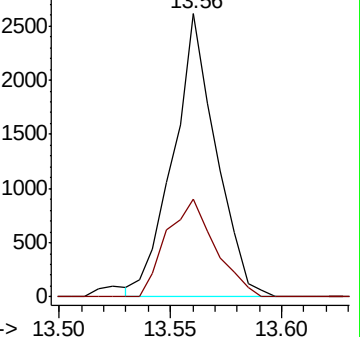
75 100

77 39.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->