

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009440.D
 Acq On : 25 Mar 2019 21:13
 Operator : SY/VA
 Sample : K2044-06
 Misc : 5.66G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 09:05:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	338411	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236489	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	55920	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88328	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
7) Chloroethane-d5	2.89	69	99964	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.52%
10) 1,1-Dichloroethene-d2	4.01	63	141095	16.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.56%
20) 2-Butanone-d5	7.09	46	79469	47.52	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.04%
24) Chloroform-d	7.65	84	217935	23.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	8.31	65	138975	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	8.27	84	375456	28.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.16%
33) 1,2-Dichloropropane-d6	9.27	67	122628	31.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.20%#
37) Toluene-d8	10.32	98	274993	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.20%
38) trans-1,3-Dichloropropene-	10.58	79	44572	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.64%
39) 2-Hexanone-d5	10.93	63	54508	57.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91082	23.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	47553	22.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.72%

Target Compounds

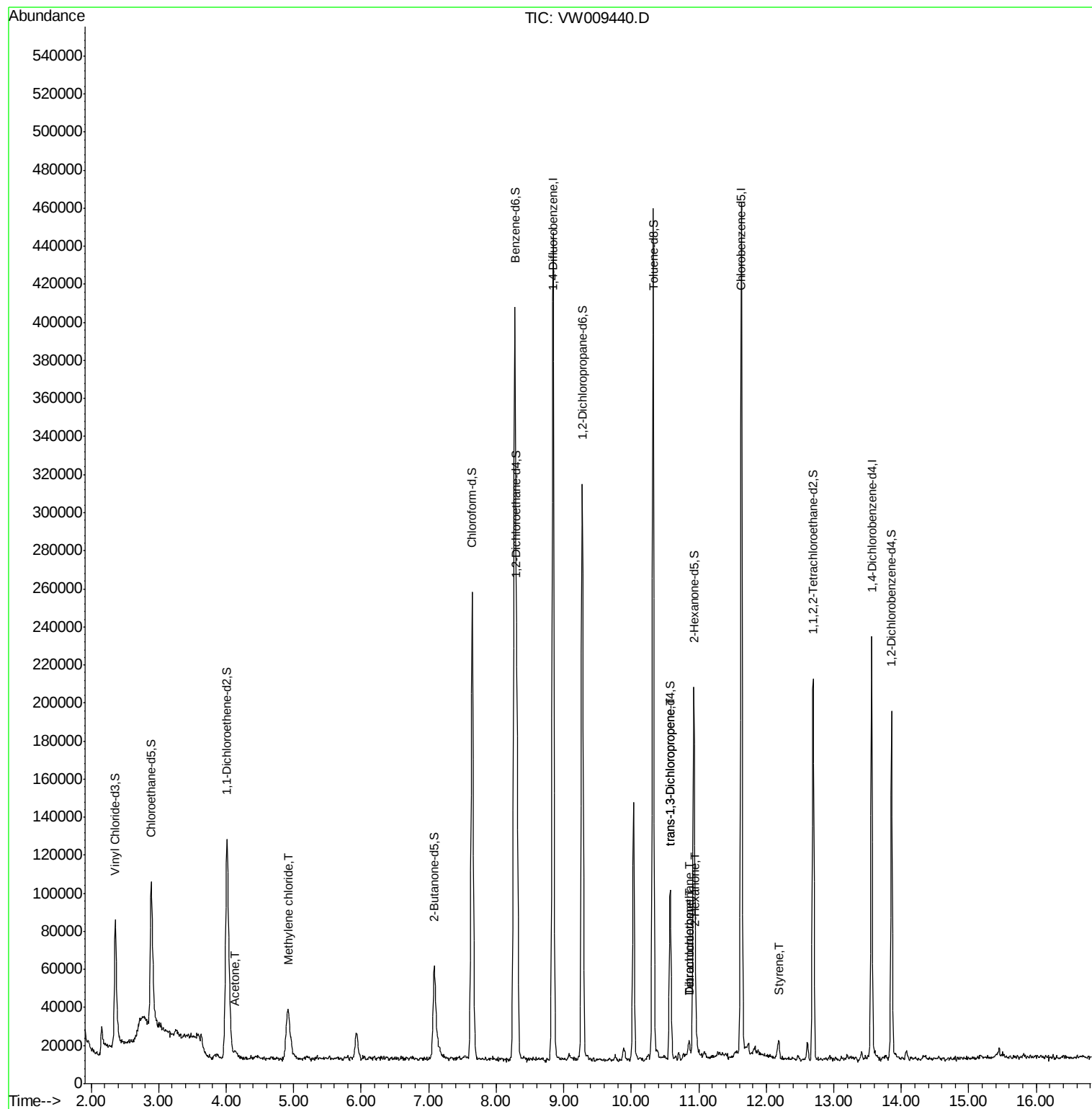
					Ovalue
13) Acetone	4.14	43	4759	3.470 ug/L	85
16) Methylene chloride	4.92	84	24025	4.868 ug/L	95
45) trans-1,3-Dichloropropene	10.58	75	2453	0.521 ug/L	98
47) Tetrachloroethene	10.87	164	1535	0.527 ug/L	91
49) 2-Hexanone	10.96	43	10331	4.873 ug/L #	42
50) Dibromochloromethane	10.86	129	1247	0.381 ug/L #	9
56) Styrene	12.18	104	4026	0.400 ug/L	98

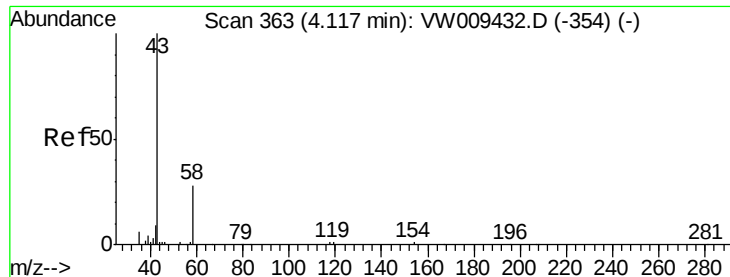
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.470 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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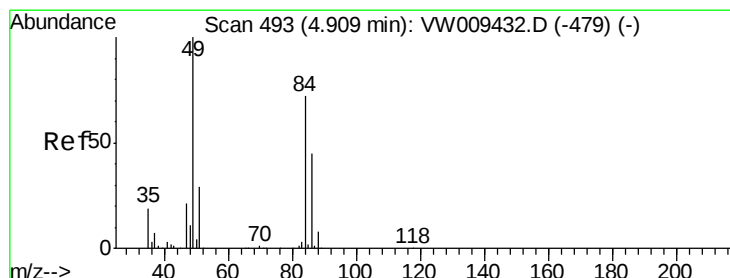
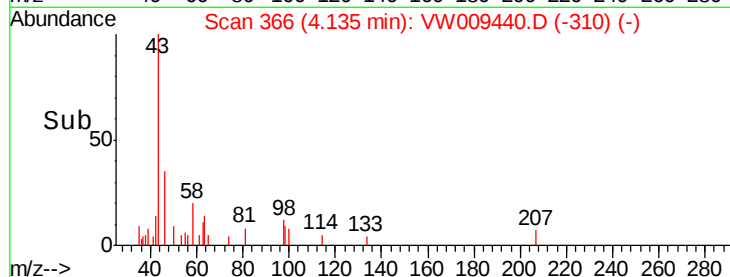
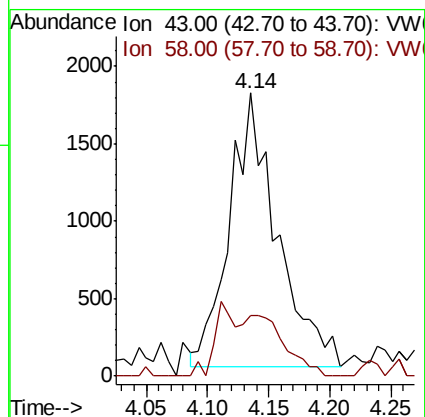
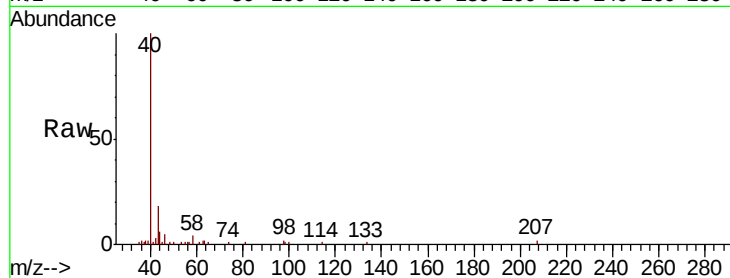
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 4759

Ion Ratio Lower Upper

43 100 0.0 56.2

58 20.0 0.0 56.2



#16

Methylene chloride

Concen: 4.868 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009440.D

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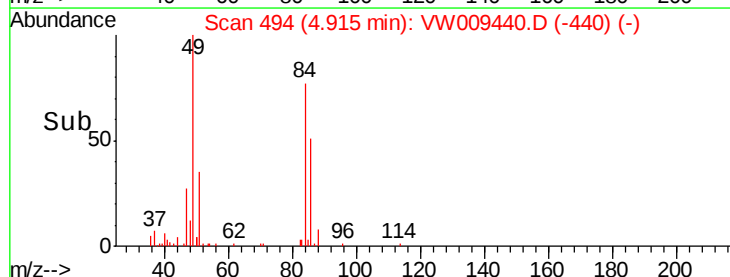
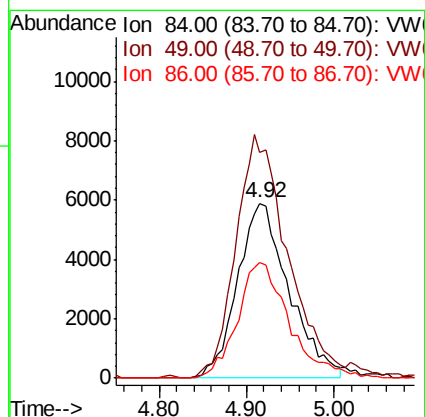
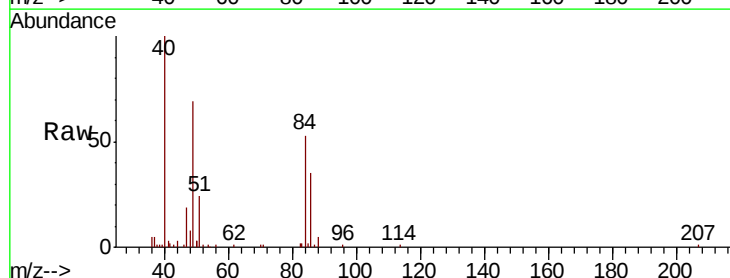
Tgt Ion: 84 Resp: 24025

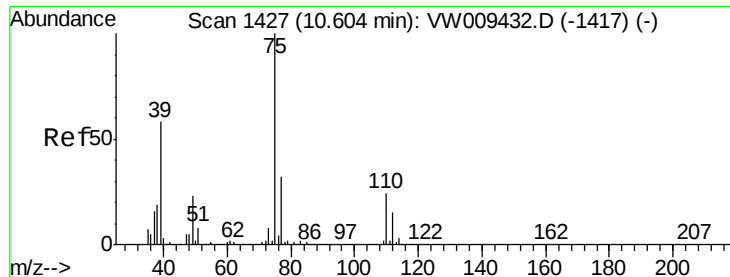
Ion Ratio Lower Upper

84 100 96.0 178.2

49 129.5 44.4 82.5

86 65.9 44.4 82.5





#45

trans-1,3-Dichloropropene

Concen: 0.521 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

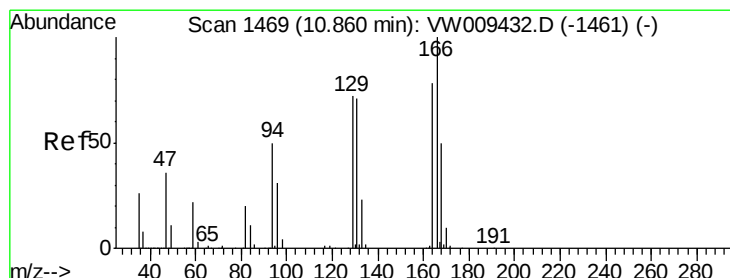
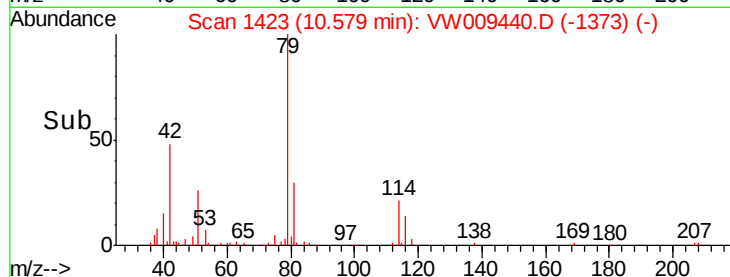
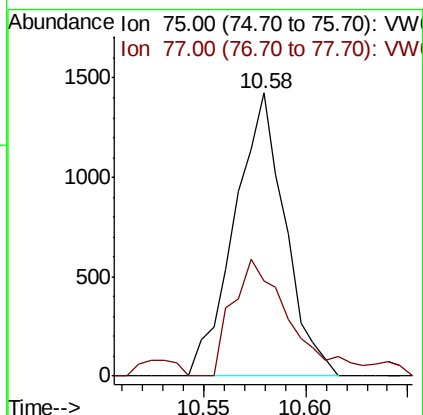
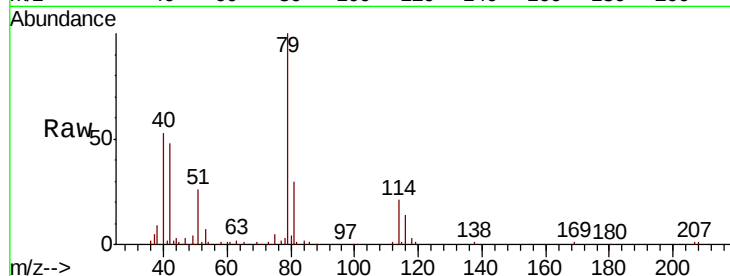
ClientSampleId :

Tot Ion: 75 Resp: 2453

Ion Ratio Lower Upper

75 100

77 33.4 22.5 41.7



#47

Tetrachloroethene

Concen: 0.527 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW009440.D

Acq: 25 Mar 2019 21:13

Tgt Ion: 164 Resp: 1535

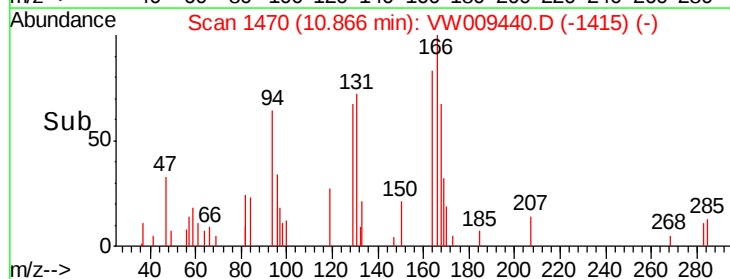
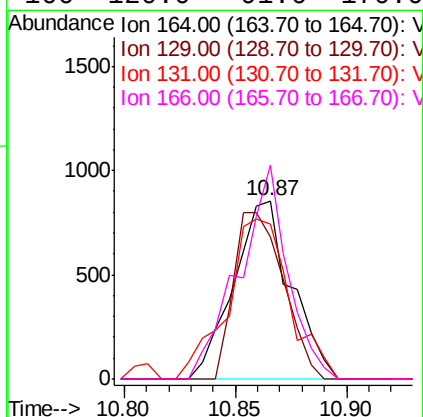
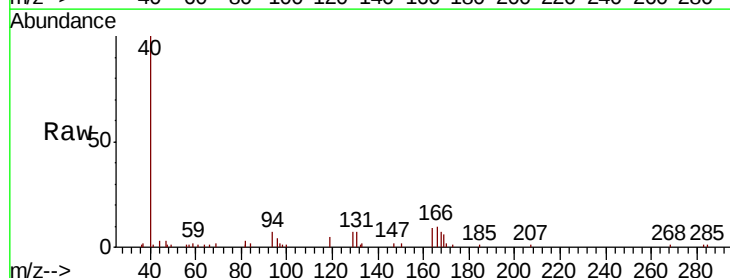
Ion Ratio Lower Upper

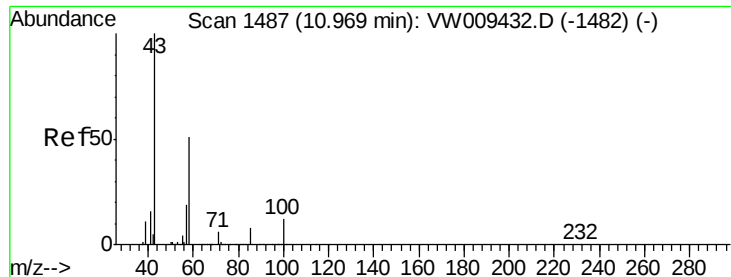
164 100

129 80.0 66.5 123.5

131 86.9 62.6 116.3

166 120.0 91.6 170.0





#49

2-Hexanone

Concen: 4.873 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009440.D

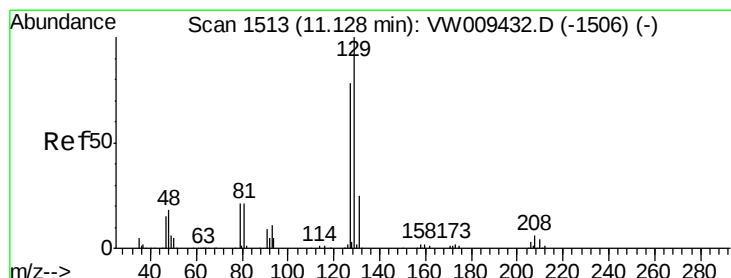
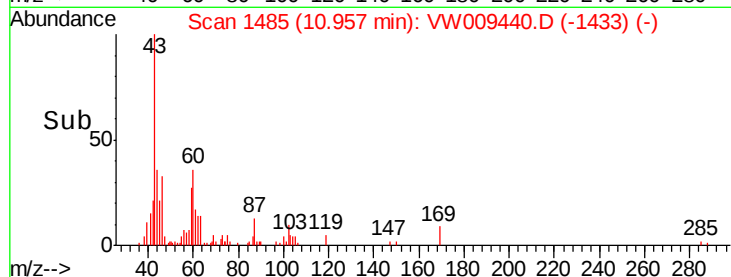
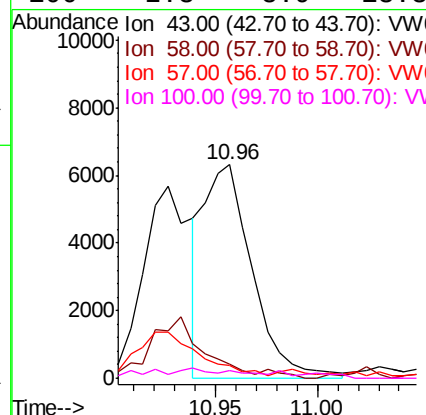
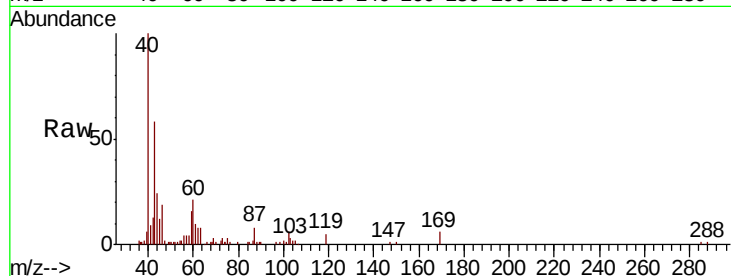
Acq: 25 Mar 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	43	Resp:	10331
Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.2	58.8#
57	0.0	14.2	21.2#
100	2.3	8.9	13.3#



#50

Dibromochloromethane

Concen: 0.381 ug/L

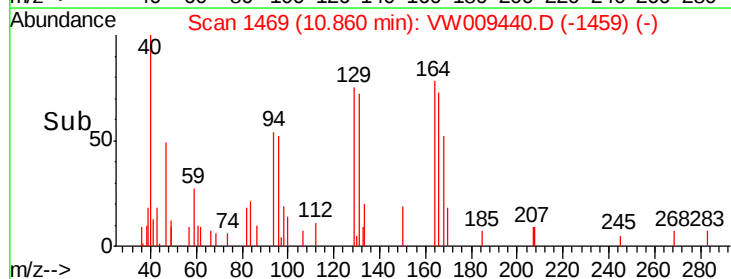
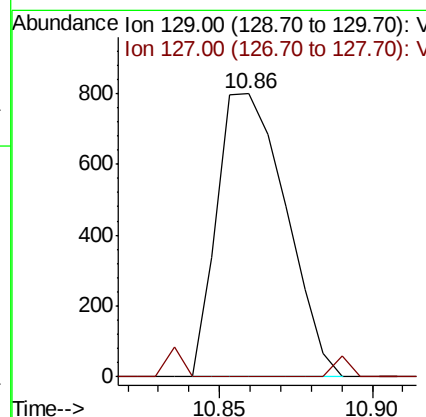
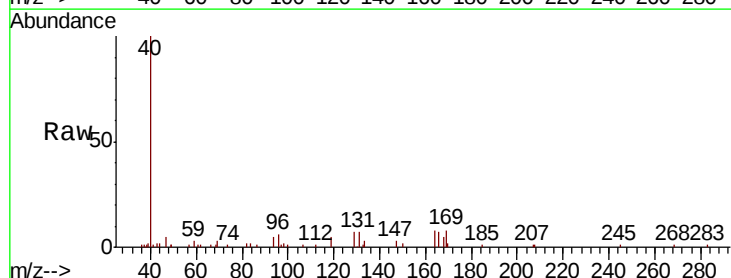
RT: 10.86 min Scan# 1469

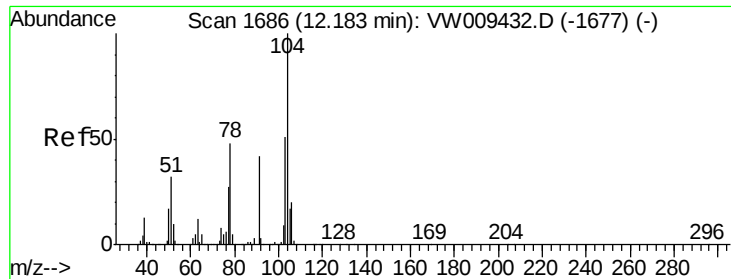
Delta R.T. -0.27 min

Lab File: VW009440.D

Acq: 25 Mar 2019 21:13

Tgt Ion:	129	Resp:	1247
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.8	105.6#





#56
 Stvrene
 Concen: 0.400 ug/L
 RT: 12.18 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VW009440.D
 Acq: 25 Mar 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:104 Resp: 4026
 Ion Ratio Lower Upper
 104 100
 78 45.6 30.9 57.3

