

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009437.D
 Acq On : 25 Mar 2019 19:51
 Operator : SY/VA
 Sample : K2044-03
 Misc : 5.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 09:05:17 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	376253	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312528	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	88956	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97470	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.72%
7) Chloroethane-d5	2.89	69	109969	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
10) 1,1-Dichloroethene-d2	4.01	63	158988	16.36	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.44%
20) 2-Butanone-d5	7.17	46	729	0.39	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.78%#
24) Chloroform-d	7.65	84	253819	24.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.88%
26) 1,2-Dichloroethane-d4	8.40	65	224	0.04	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.16%#
29) Benzene-d6	8.27	84	448655	26.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.12%
33) 1,2-Dichloropropane-d6	9.27	67	149439	28.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.48%
37) Toluene-d8	10.32	98	358847	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.08%
38) trans-1,3-Dichloropropene-	10.58	79	60082	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.44%
39) 2-Hexanone-d5	10.93	63	76768	61.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124627	24.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	83803	24.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.28%

Target Compounds

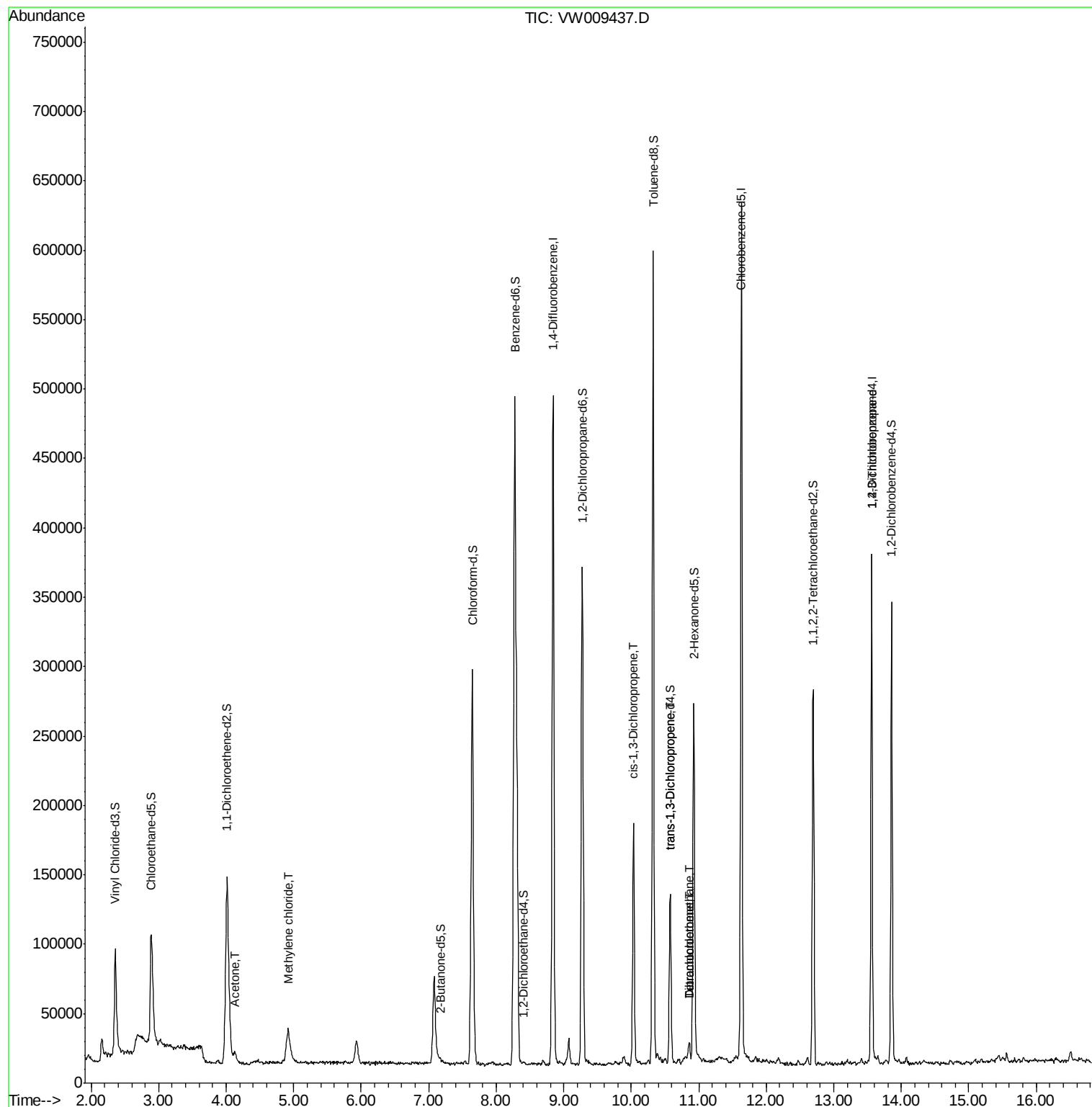
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	12692	8.323	ug/L	98
16) Methylene chloride	4.92	84	6860	1.250	ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	4869	0.681	ug/L #	74
45) trans-1,3-Dichloropropene	10.58	75	3731	0.600	ug/L #	78
47) Tetrachloroethene	10.87	164	2183	0.567	ug/L #	85
50) Dibromochloromethane	10.86	129	1793	0.415	ug/L #	9
59) 1,2,3-Trichloropropane	13.57	75	12254	3.495	ug/L	92

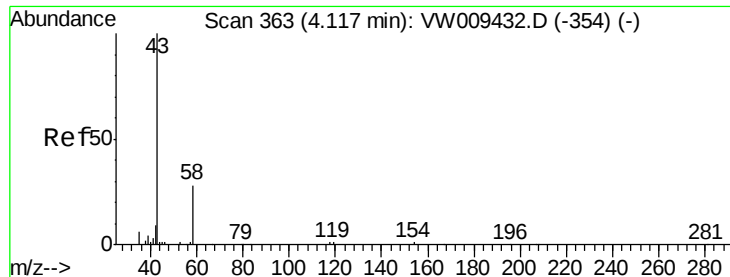
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.323 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW009437.D

Acq: 25 Mar 2019 19:51

Instrument :

MSVOA_W

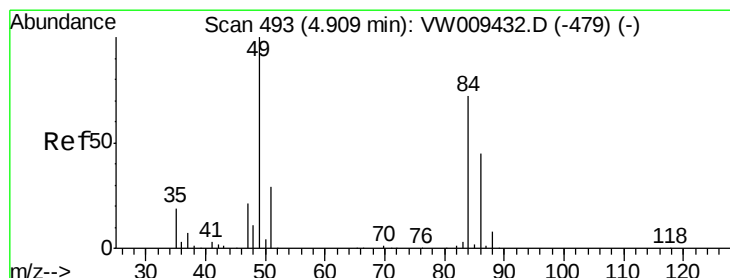
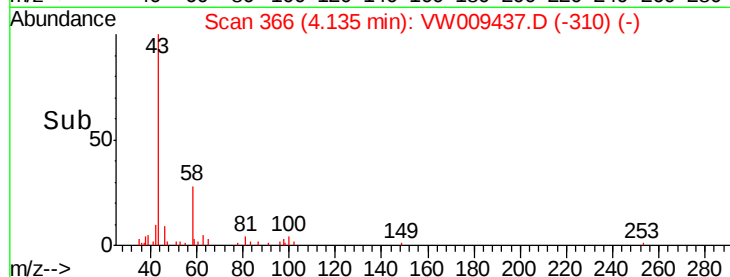
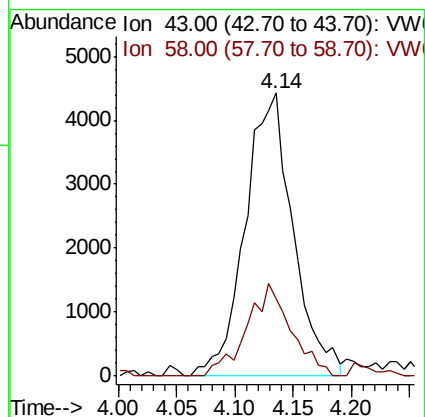
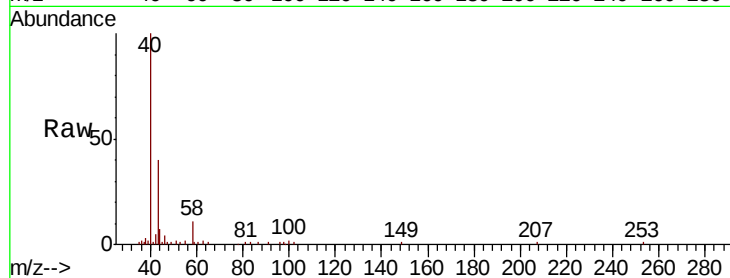
ClientSampleId :

Tot Ion: 43 Resp: 12692

Ion Ratio Lower Upper

43 100

58 27.2 0.0 56.2



#16

Methylene chloride

Concen: 1.250 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009437.D

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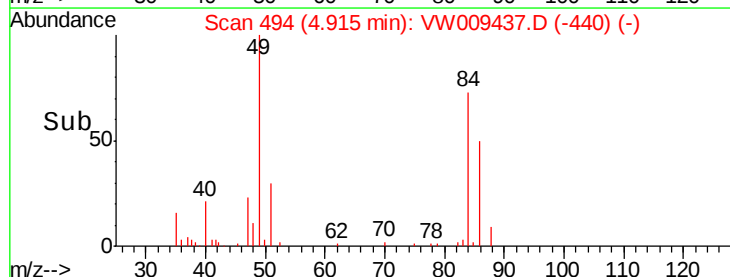
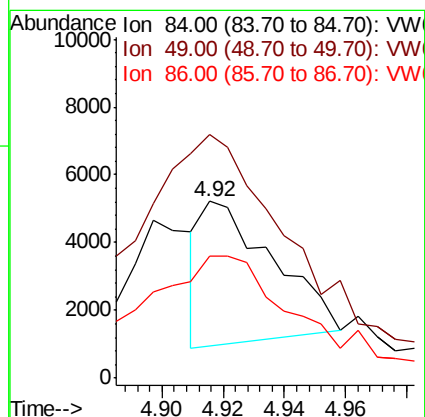
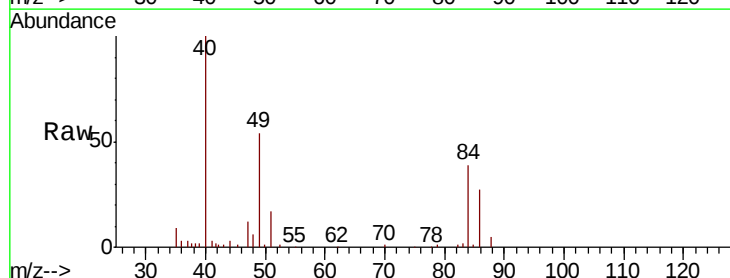
Tgt Ion: 84 Resp: 6860

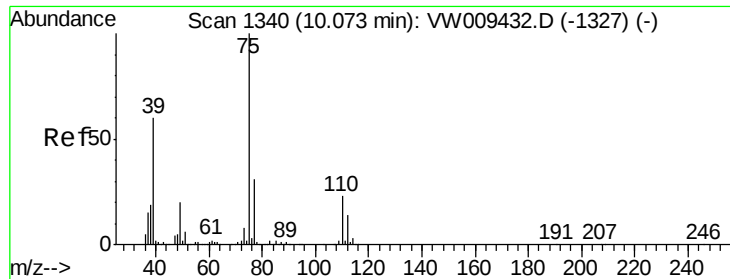
Ion Ratio Lower Upper

84 100

49 137.6 96.0 178.2

86 68.6 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.681 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009437.D

Acq: 25 Mar 2019 19:51

Instrument :

MSVOA_W

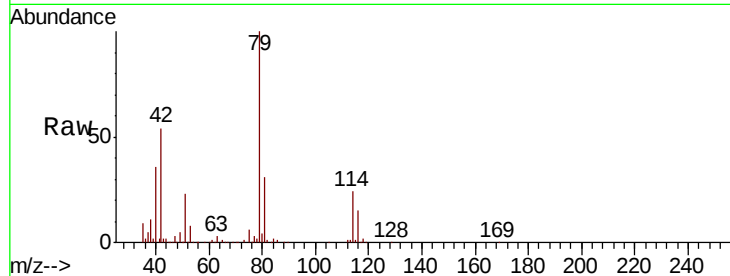
ClientSampled :

Tot Ion: 75 Resp: 4869

Ion Ratio Lower Upper

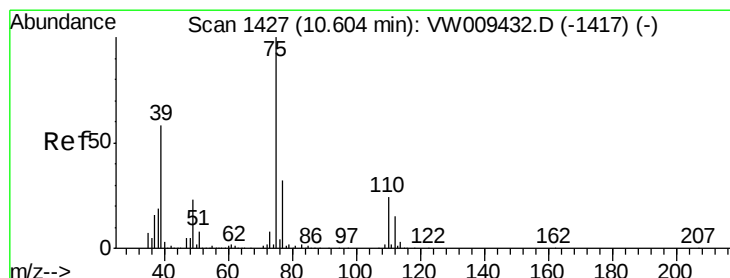
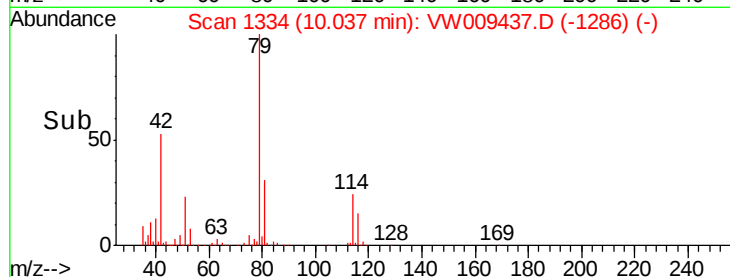
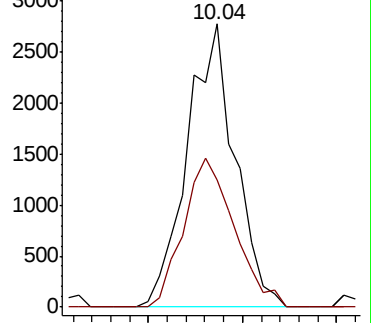
75 100

77 45.1 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.600 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009437.D

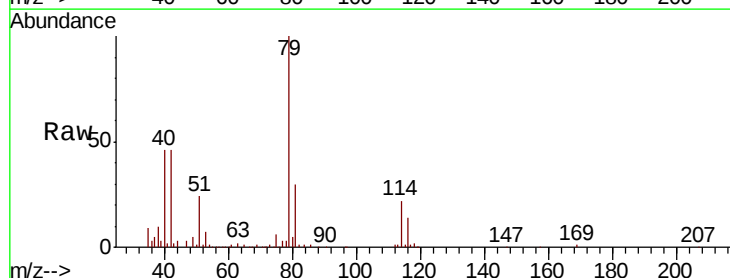
Acq: 25 Mar 2019 19:51

Tgt Ion: 75 Resp: 3731

Ion Ratio Lower Upper

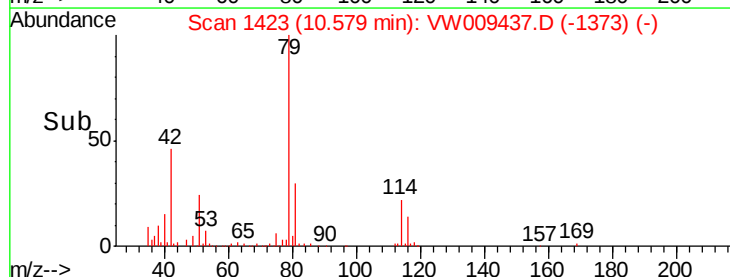
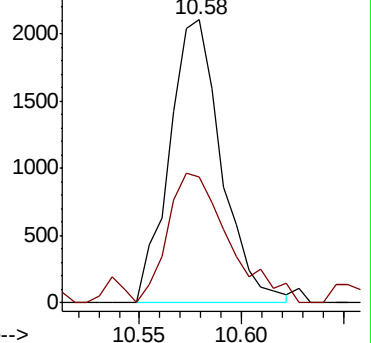
75 100

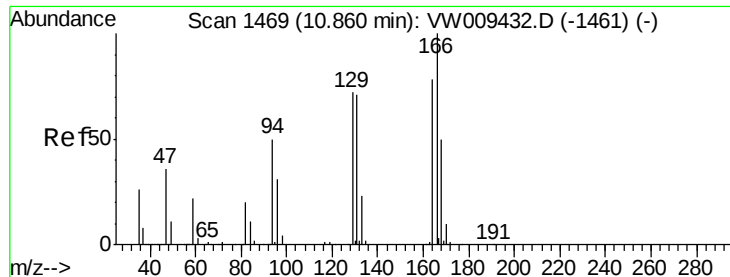
77 44.5 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

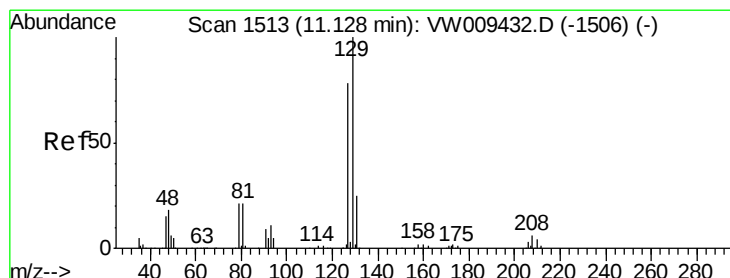
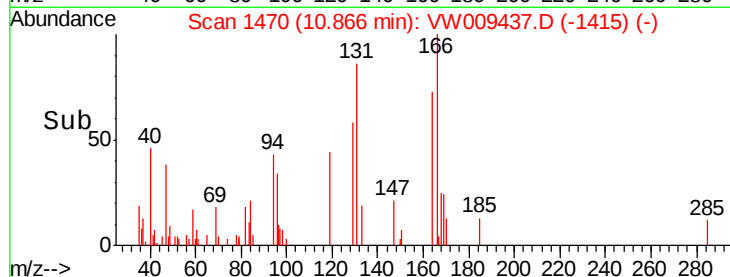
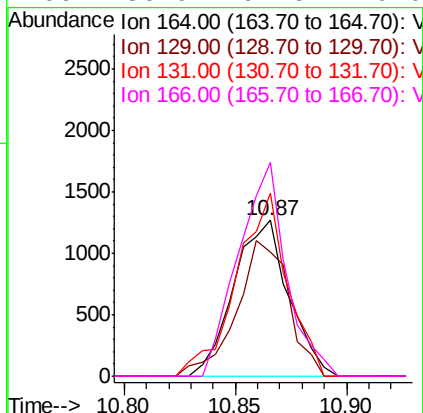
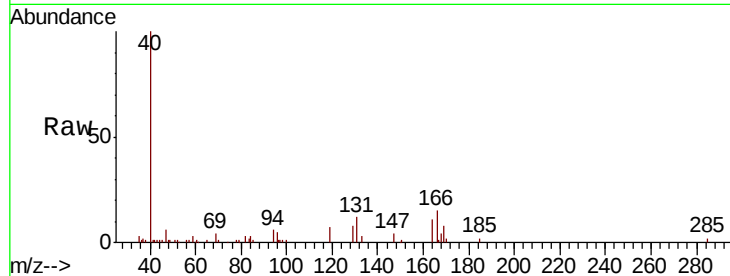




#47
Tetrachloroethene
Concen: 0.567 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW009437.D
Acq: 25 Mar 2019 19:51

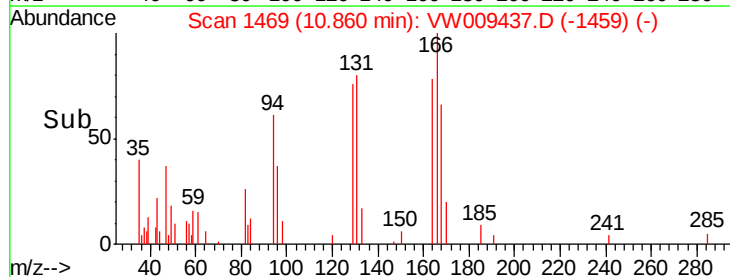
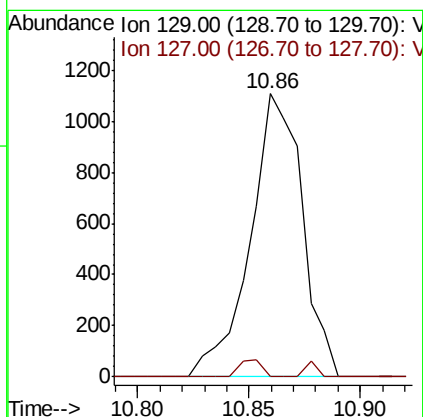
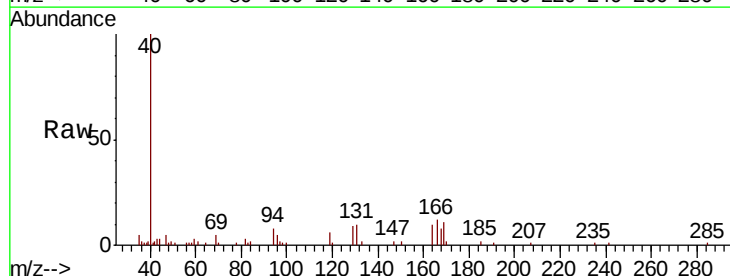
Instrument :
MSVOA_W
ClientSampleId :

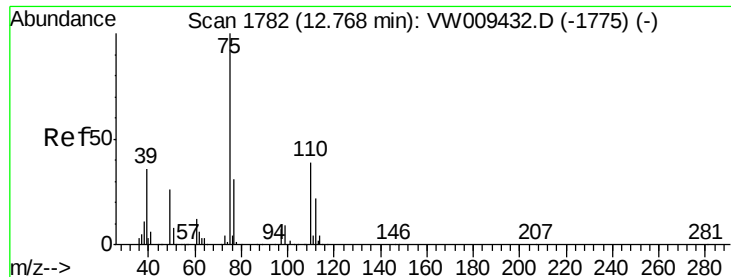
Tot Ion	Ratio	Lower	Upper
164	100		
129	79.8	66.5	123.5
131	117.2	62.6	116.3
166	136.9	91.6	170.0



#50
Dibromochloromethane
Concen: 0.415 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW009437.D
Acq: 25 Mar 2019 19:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.8	105.6





#59

1,2,3-Trichloropropane

Concen: 3.495 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.80 min

Lab File: VW009437.D

Acq: 25 Mar 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 12254

Ion Ratio Lower Upper

75 100

77 37.4 26.2 39.2

