

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009442.D
 Acq On : 25 Mar 2019 22:07
 Operator : SY/VA
 Sample : K2044-08
 Misc : 6.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 09:06:01 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	382537	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360164	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143210	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89515	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.32%
7) Chloroethane-d5	2.89	69	102186	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
10) 1,1-Dichloroethene-d2	4.01	63	149222	15.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.40%
20) 2-Butanone-d5	7.07	46	97773	51.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.44%
24) Chloroform-d	7.65	84	244491	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	8.46	65	82	0.01	ug/L	0.16
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	420366	21.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.64%
33) 1,2-Dichloropropane-d6	9.27	67	141107	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	358140	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.00%
38) trans-1,3-Dichloropropene-	10.58	79	58555	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.16%
39) 2-Hexanone-d5	10.93	63	68923	47.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142877	24.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	130227	23.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.84%

Target Compounds

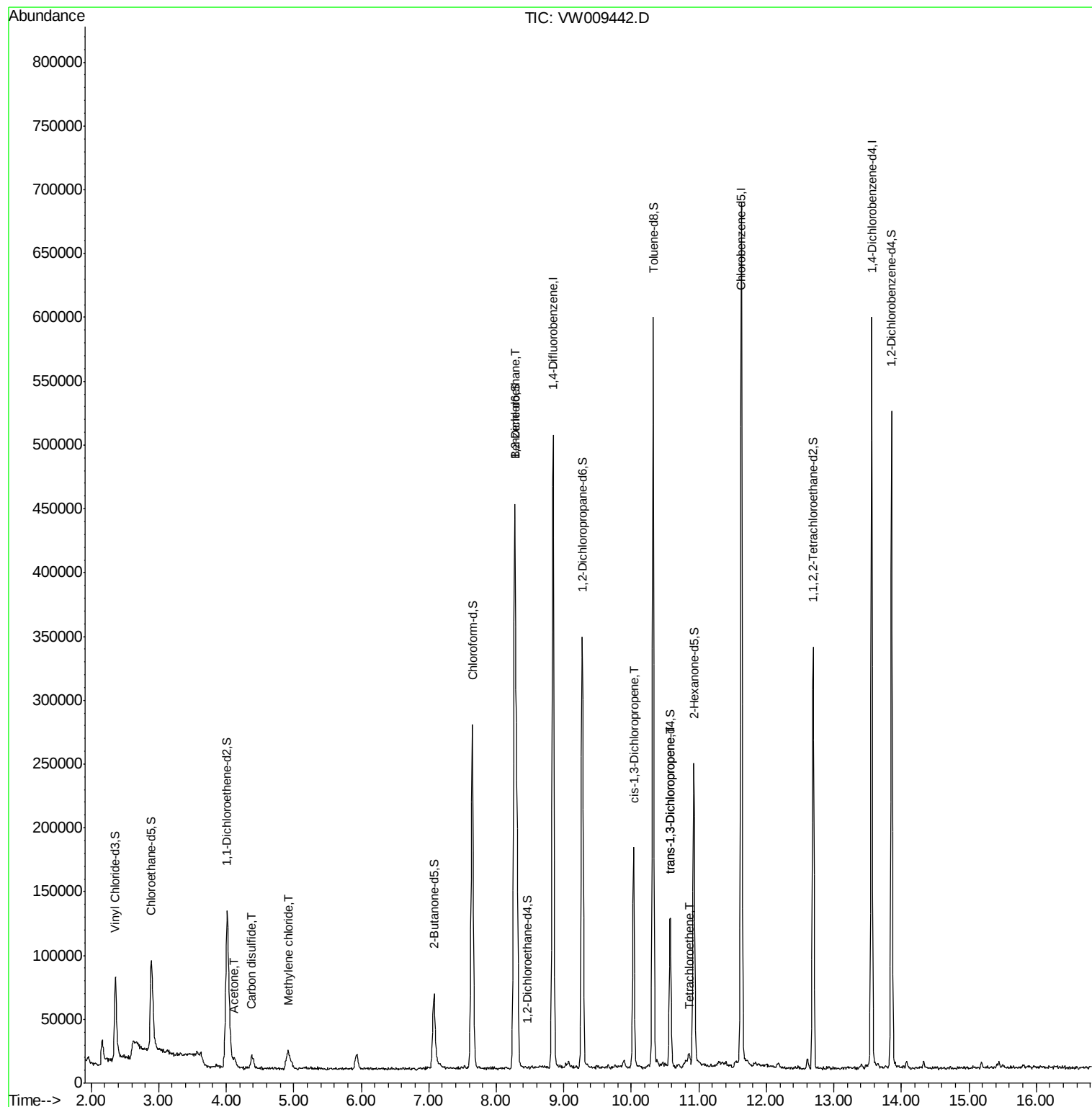
					Ovalue
13) Acetone	4.12	43	9462	6.103	ug/L 99
14) Carbon disulfide	4.38	76	17341	1.368	ug/L 99
16) Methylene chloride	4.91	84	9648	1.730	ug/L 89
27) 1,2-Dichloroethane	8.28	62	2937	0.417	ug/L 97
42) cis-1,3-Dichloropropene	10.04	75	4395	0.533	ug/L # 66
45) trans-1,3-Dichloropropene	10.57	75	3179	0.444	ug/L # 71
47) Tetrachloroethene	10.87	164	1323	0.298	ug/L # 76

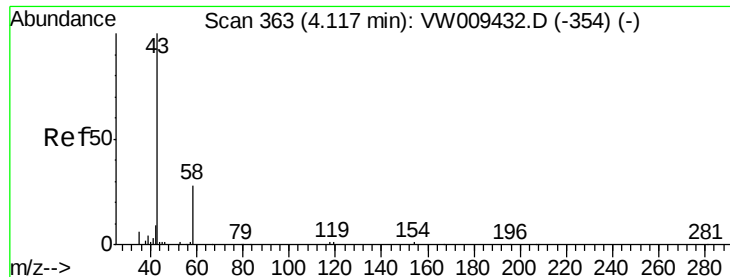
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.103 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009442.D

Acq: 25 Mar 2019 22:07

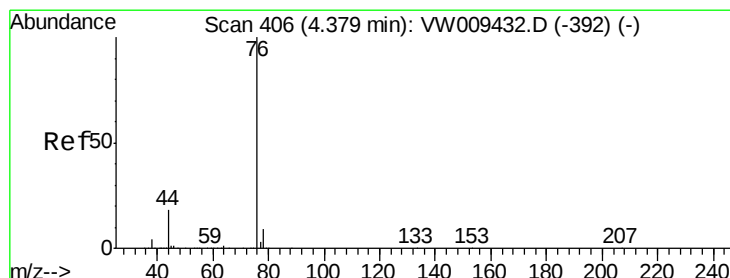
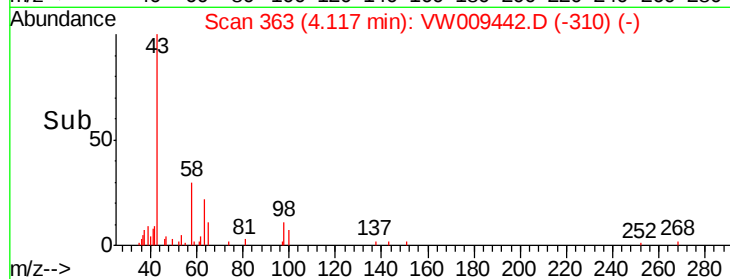
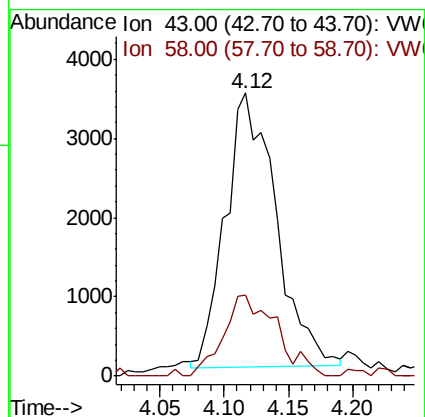
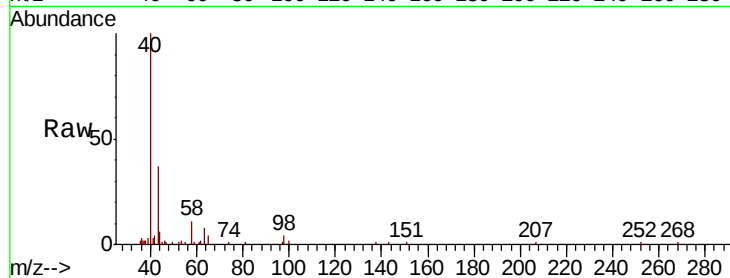
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 9462

Ion Ratio Lower Upper

43 100

58 28.7 0.0 56.2



#14

Carbon disulfide

Concen: 1.368 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009442.D

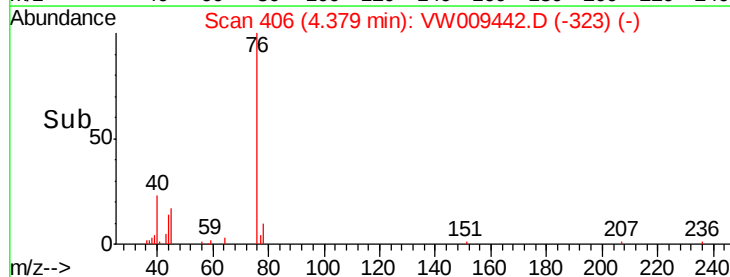
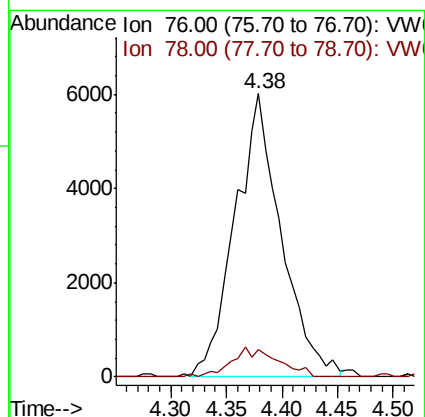
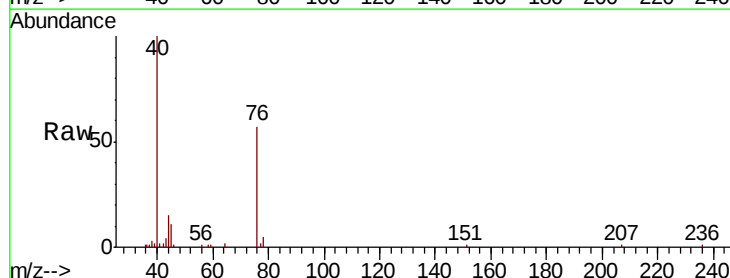
Acq: 25 Mar 2019 22:07

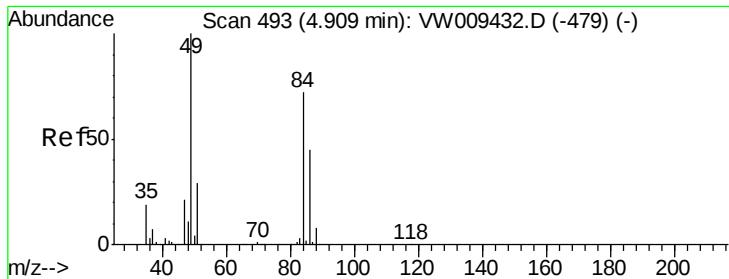
Tgt Ion: 76 Resp: 17341

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

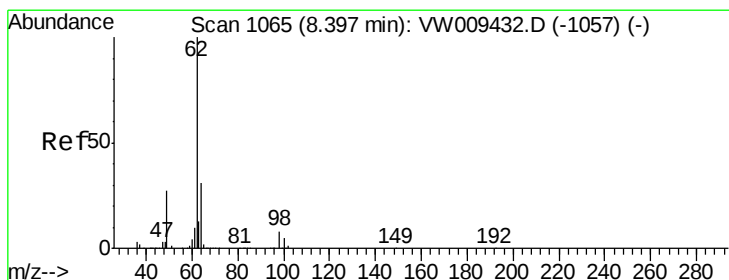
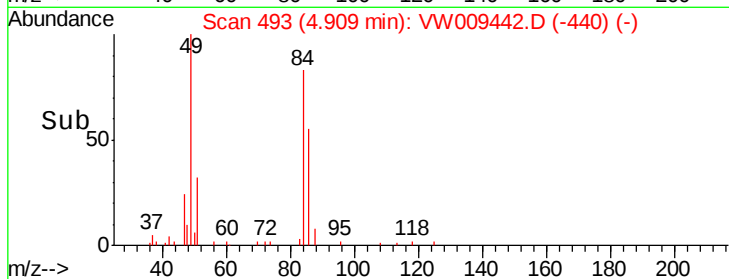
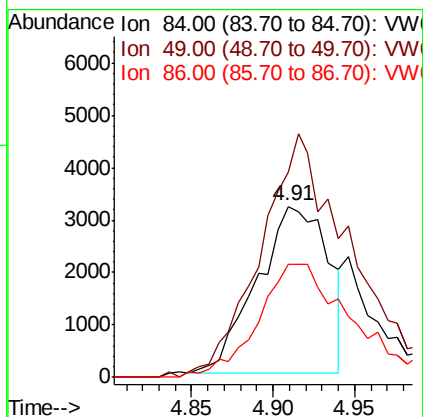
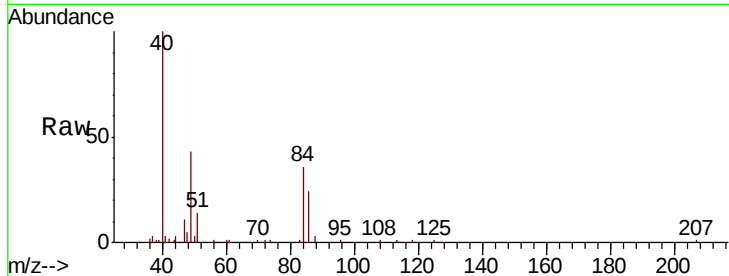




#16
Methvlene chloride
Concen: 1.730 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009442.D
Acq: 25 Mar 2019 22:07

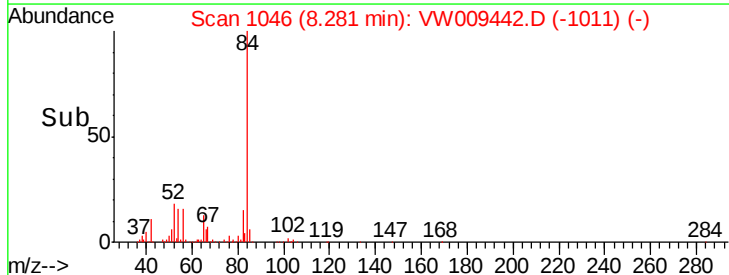
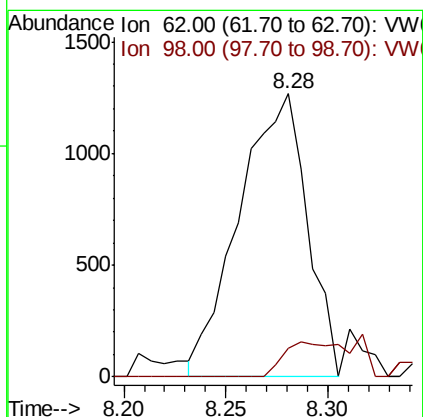
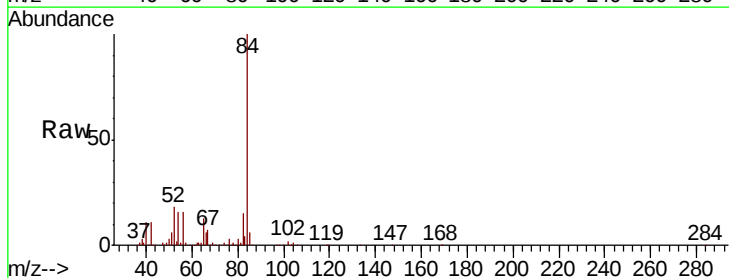
Instrument :
MSVOA_W
ClientSampleId :

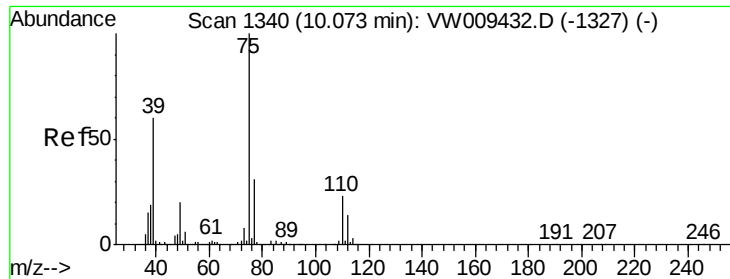
Tot Ion: 84 Resp: 9648
Ion Ratio Lower Upper
84 100
49 119.9 96.0 178.2
86 66.5 44.4 82.5



#27
1,2-Dichloroethane
Concen: 0.417 ug/L
RT: 8.28 min Scan# 1046
Delta R.T. -0.12 min
Lab File: VW009442.D
Acq: 25 Mar 2019 22:07

Tgt Ion: 62 Resp: 2937
Ion Ratio Lower Upper
62 100
98 10.3 7.3 10.9





#42

cis-1,3-Dichloropropene

Concen: 0.533 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009442.D

Acq: 25 Mar 2019 22:07

Instrument :

MSVOA_W

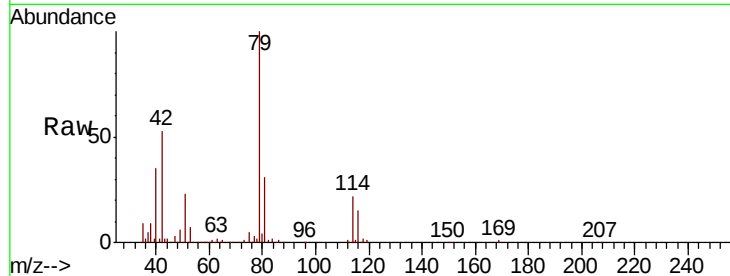
ClientSampled :

Tot Ion: 75 Resp: 4395

Ion Ratio Lower Upper

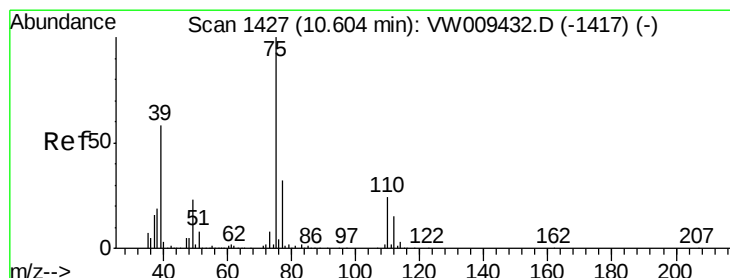
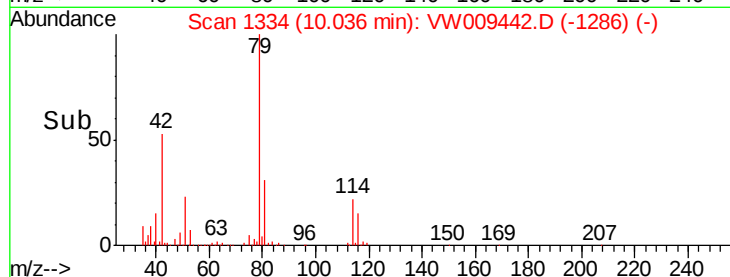
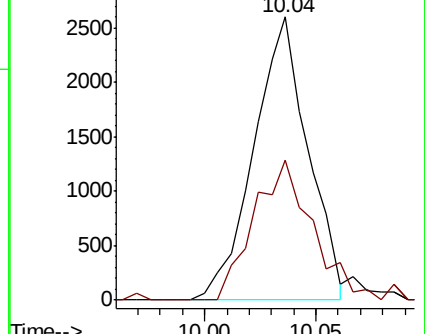
75 100

77 49.3 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: 0.444 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009442.D

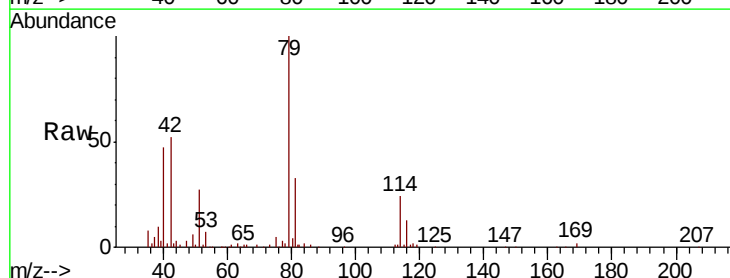
Acq: 25 Mar 2019 22:07

Tgt Ion: 75 Resp: 3179

Ion Ratio Lower Upper

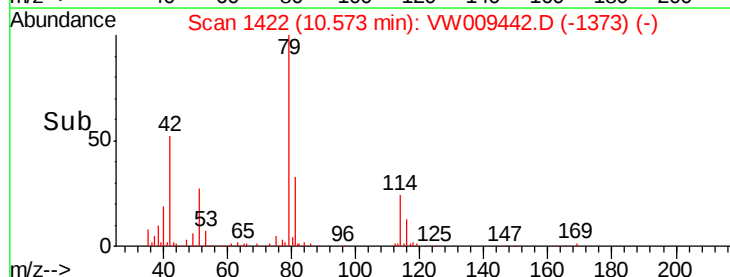
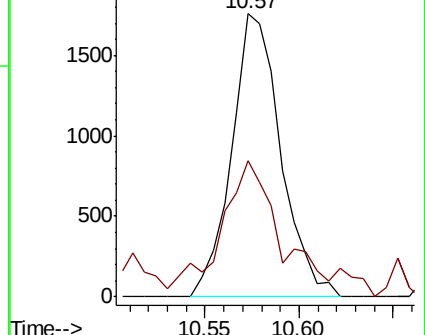
75 100

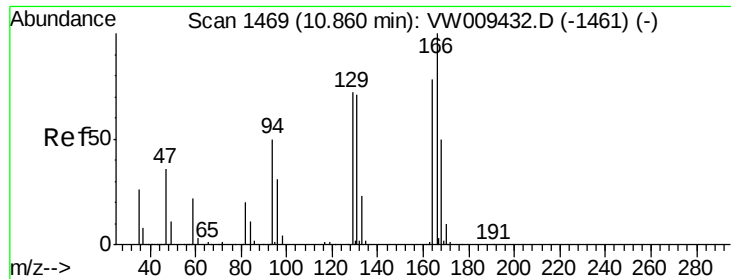
77 48.2 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 0.298 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

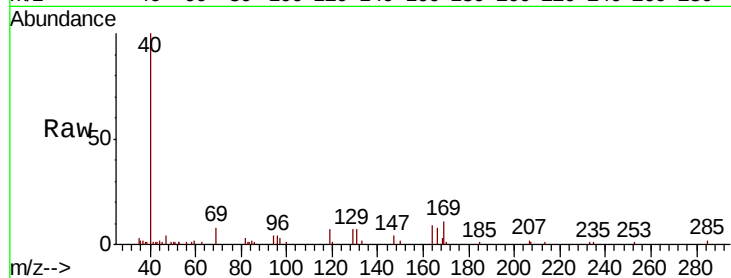
Lab File: VW009442.D

Acq: 25 Mar 2019 22:07

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:	164	Resp:	1323
Ion	Ratio	Lower	Upper
164	100		
129	78.3	66.5	123.5
131	81.4	62.6	116.3
166	85.2	91.6	170.0#

