

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009430.D
 Acq On : 25 Mar 2019 16:08
 Operator : SY/VA
 Sample : K2031-20
 Misc : 6.31G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 07:51:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	399032	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349408	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127734	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	100901	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.64%
7) Chloroethane-d5	2.89	69	110572	19.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.28%
10) 1,1-Dichloroethene-d2	4.01	63	159285	15.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.84%
20) 2-Butanone-d5	7.08	46	105422	53.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.92%
24) Chloroform-d	7.65	84	253707	23.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	8.40	65	42	0.01	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	449803	23.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.36%
33) 1,2-Dichloropropane-d6	9.27	67	150079	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.72%
37) Toluene-d8	10.32	98	365087	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.96%
38) trans-1,3-Dichloropropene-	10.58	79	65520	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.16%
39) 2-Hexanone-d5	10.93	63	75860	54.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	145113	25.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	112359	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%

Target Compounds

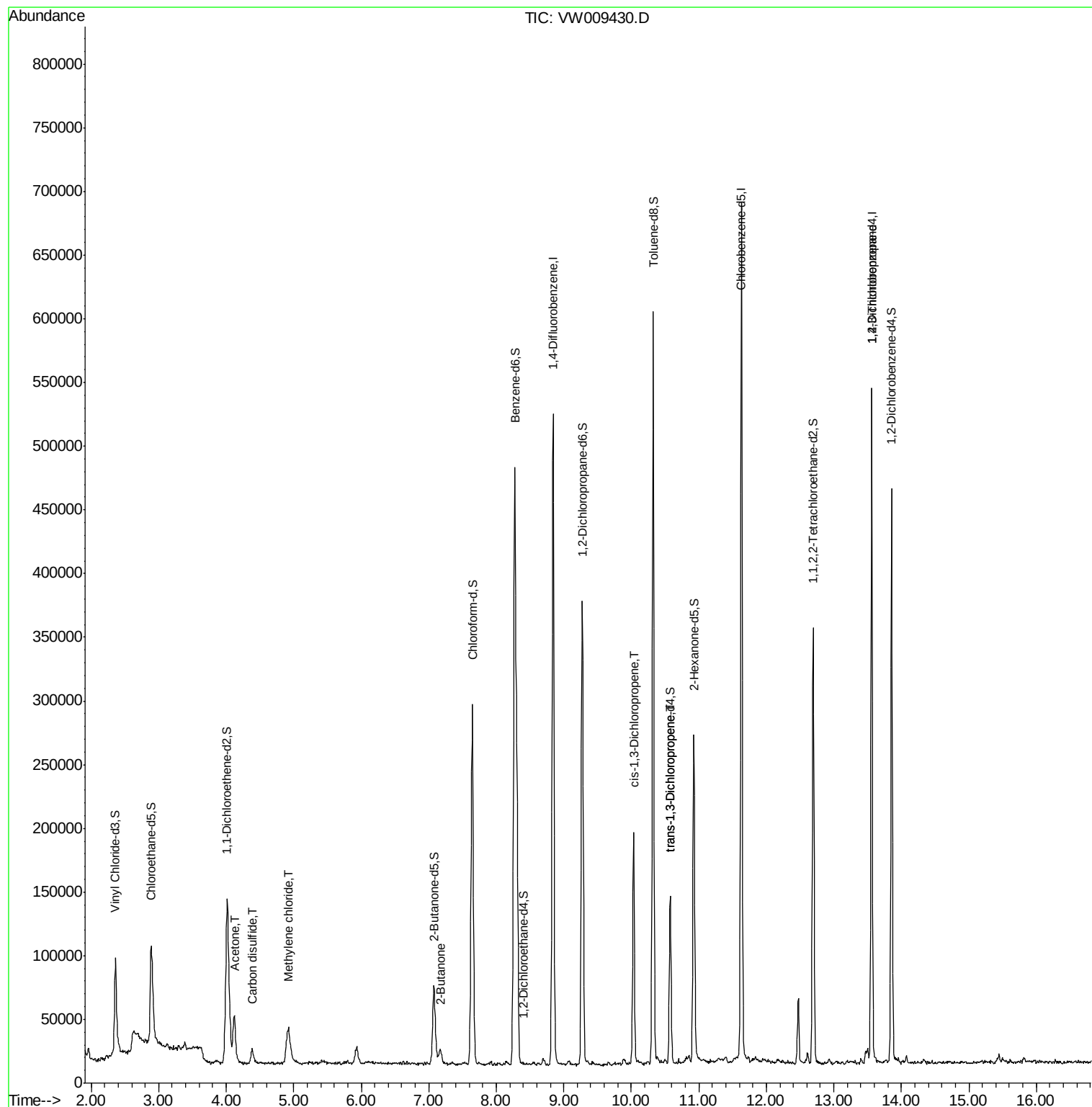
					Ovalue
13) Acetone	4.12	43	63627	39.345	ug/L 100
14) Carbon disulfide	4.38	76	16248	1.229	ug/L 96
16) Methylene chloride	4.92	84	25270	4.343	ug/L 90
21) 2-Butanone	7.17	43	11135	4.987	ug/L 92
42) cis-1,3-Dichloropropene	10.04	75	5534	0.692	ug/L # 51
45) trans-1,3-Dichloropropene	10.58	75	3594	0.517	ug/L # 43
59) 1,2,3-Trichloropropane	13.56	75	16839	4.296	ug/L 89

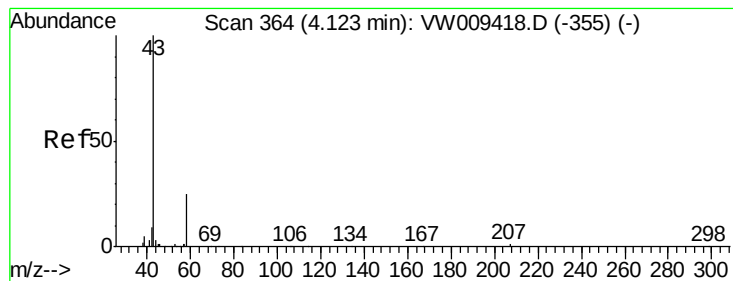
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 39.345 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009430.D

Acq: 25 Mar 2019 16:08

Instrument :

MSVOA_W

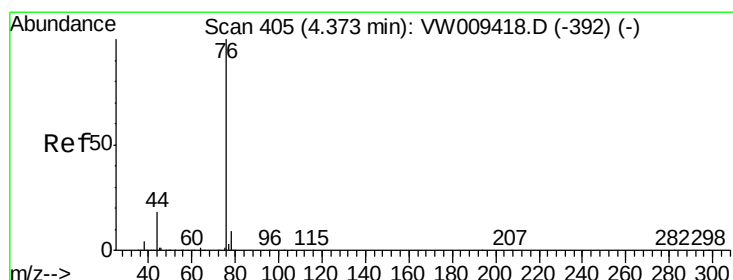
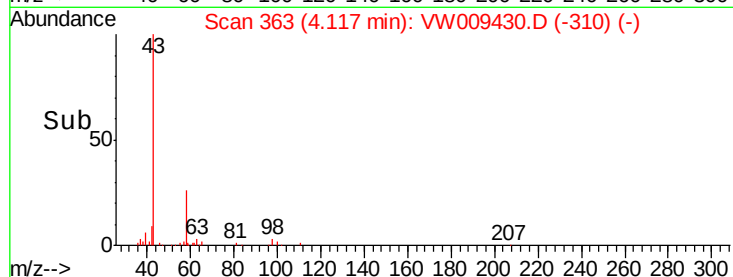
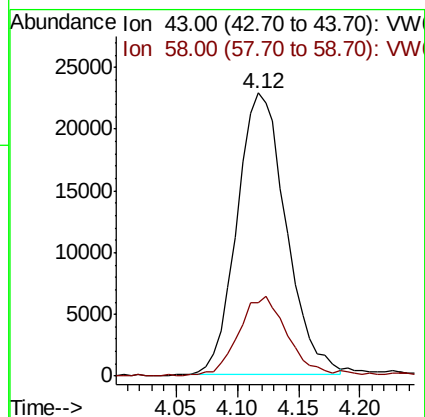
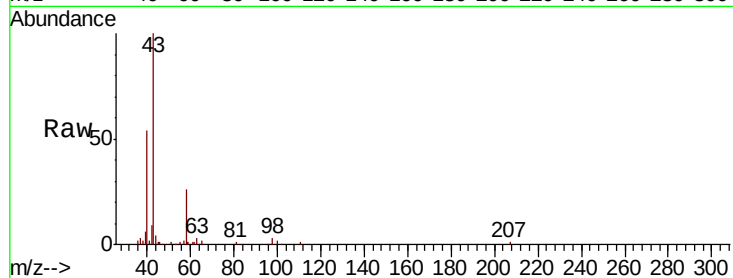
ClientSampled :

Tot Ion: 43 Resp: 63627

Ion Ratio Lower Upper

43 100

58 28.1 0.0 56.2



#14

Carbon disulfide

Concen: 1.229 ug/L

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW009430.D

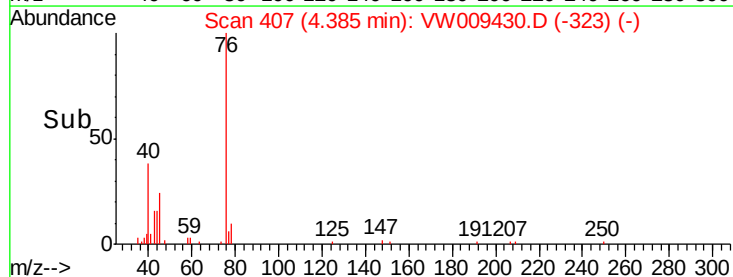
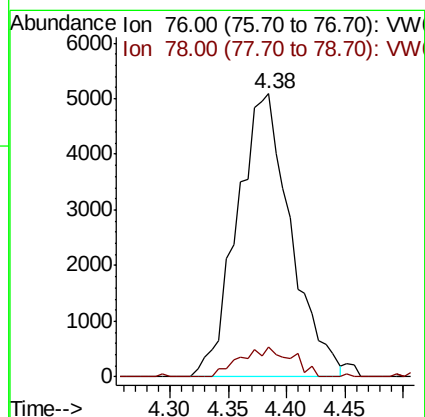
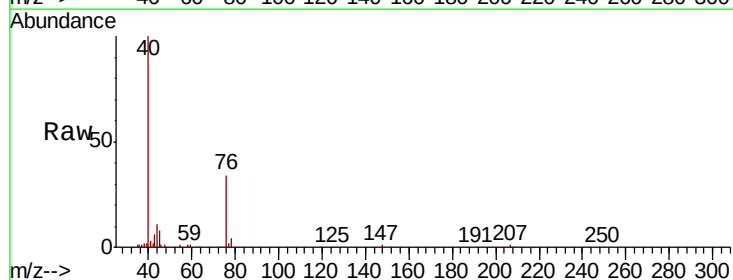
Acq: 25 Mar 2019 16:08

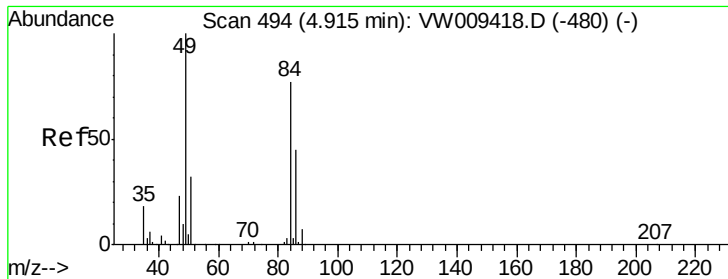
Tgt Ion: 76 Resp: 16248

Ion Ratio Lower Upper

76 100

78 10.4 7.3 10.9

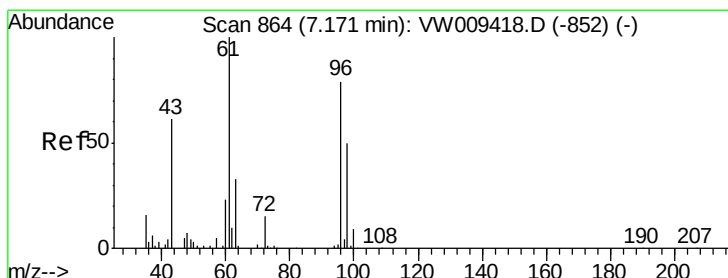
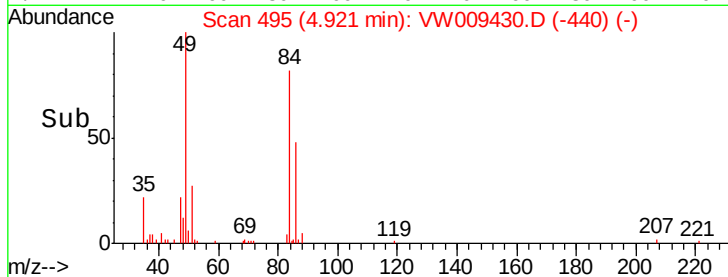
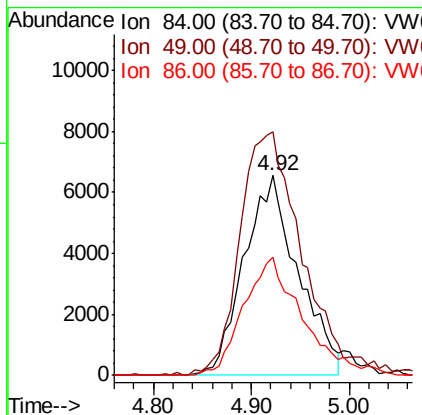
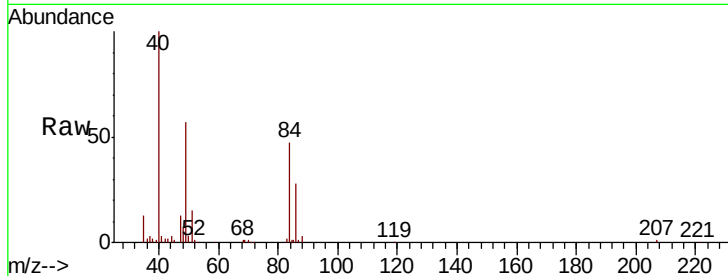




#16
Methylene chloride
Concen: 4.343 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009430.D
Acq: 25 Mar 2019 16:08

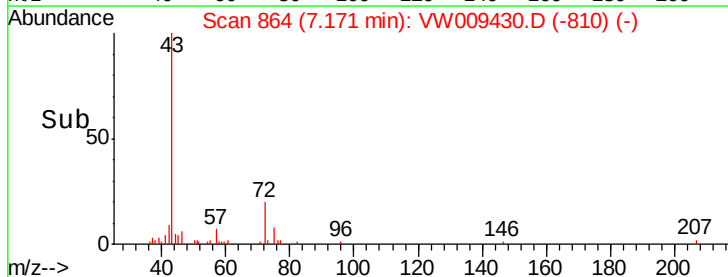
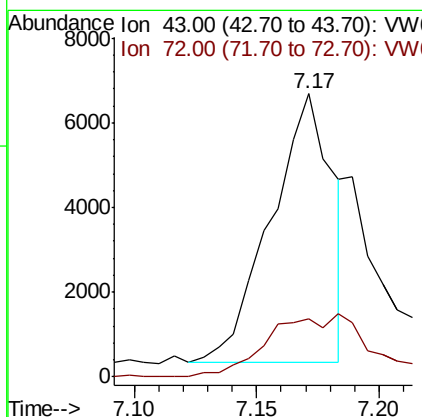
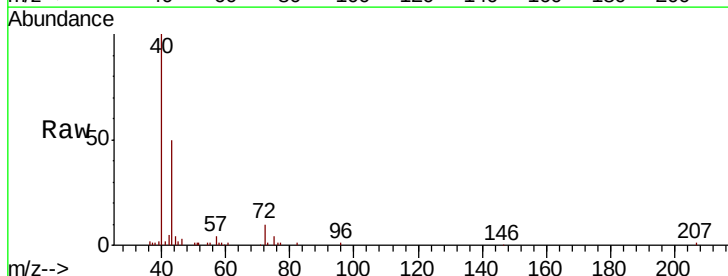
Instrument :
MSVOA_W
ClientSampleId :

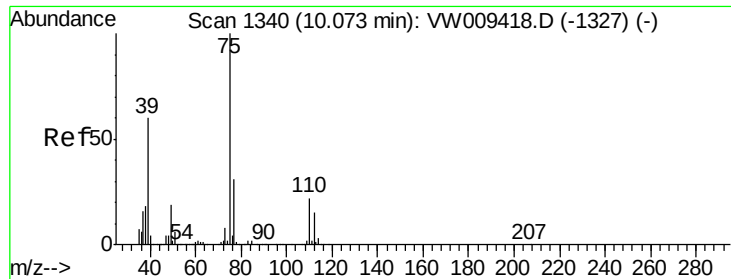
Tot Ion: 84 Resp: 25270
Ion Ratio Lower Upper
84 100
49 122.0 96.0 178.2
86 58.9 44.4 82.5



#21
2-Butanone
Concen: 4.987 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW009430.D
Acq: 25 Mar 2019 16:08

Tgt Ion: 43 Resp: 11135
Ion Ratio Lower Upper
43 100
72 22.2 13.1 39.1





#42

cis-1,3-Dichloropropene

Concen: 0.692 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009430.D

Acq: 25 Mar 2019 16:08

Instrument :

MSVOA_W

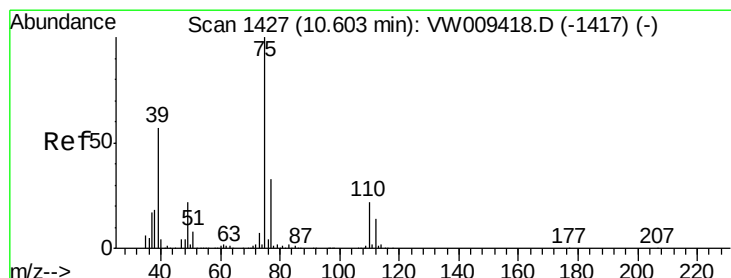
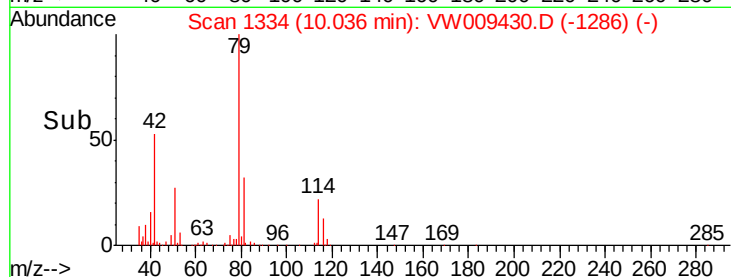
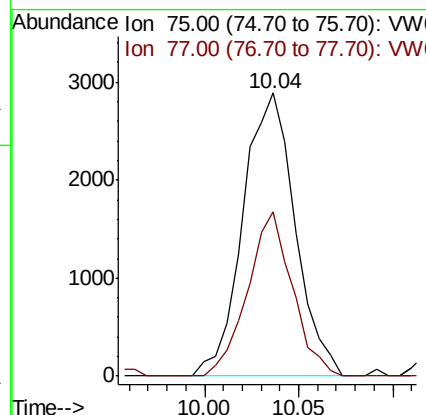
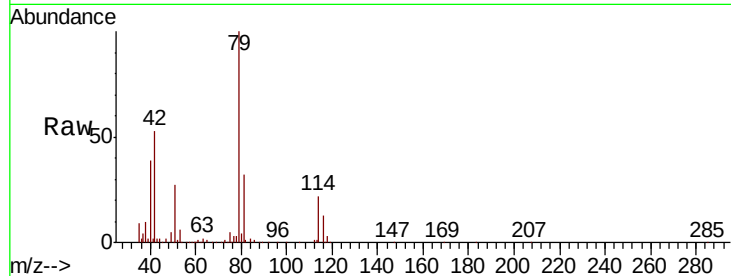
ClientSampleId :

Tot Ion: 75 Resp: 5534

Ion Ratio Lower Upper

75 100

77 58.0 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.517 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009430.D

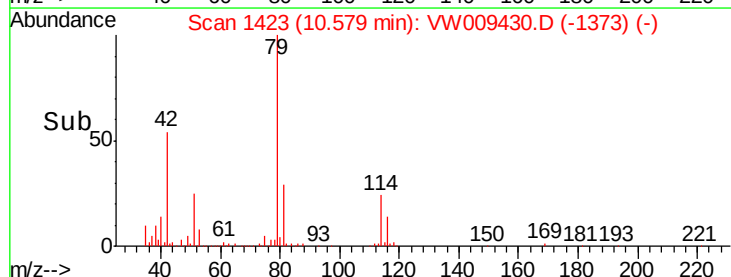
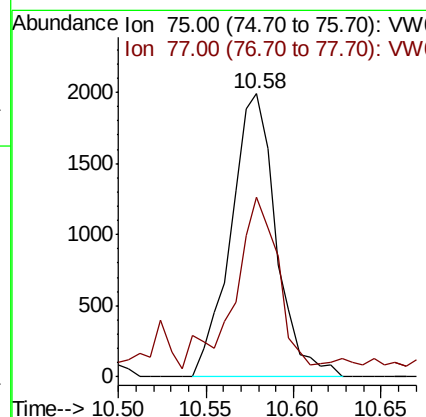
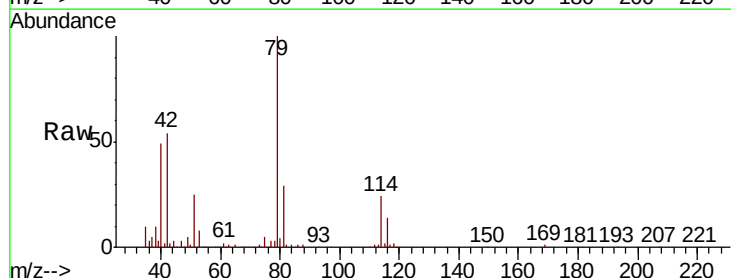
Acq: 25 Mar 2019 16:08

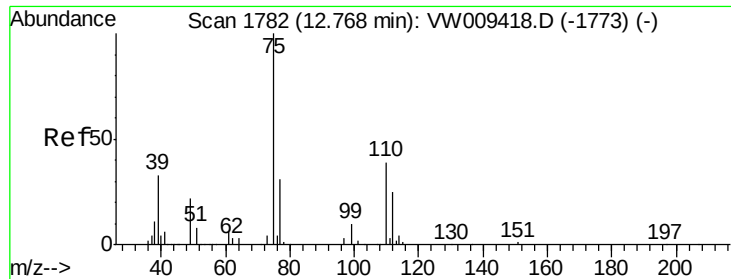
Tgt Ion: 75 Resp: 3594

Ion Ratio Lower Upper

75 100

77 63.7 22.5 41.7#





#59

1,2,3-Trichloropropane

Concen: 4.296 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009430.D

Acq: 25 Mar 2019 16:08

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 16839

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.2

