

Data File : VW009307.D
Acq On : 21 Mar 2019 01:24
Operator : SY/VA
Sample : K1988-08
Misc : 4.95G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0B9

Quant Time: Mar 21 12:24:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	347556	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328056	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140139	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115216	27.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.96%
7) Chloroethane-d5	2.90	69	106699	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.84%
10) 1,1-Dichloroethene-d2	4.01	63	171829	19.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.56%
20) 2-Butanone-d5	7.07	46	64511	37.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.12%
24) Chloroform-d	7.64	84	239608	25.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.04%
26) 1,2-Dichloroethane-d4	8.30	65	134115	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.88%
29) Benzene-d6	8.27	84	445166	24.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.44%
33) 1,2-Dichloropropane-d6	9.27	67	135815	24.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.96%
37) Toluene-d8	10.32	98	380167	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.92%
38) trans-1,3-Dichloropropene-	10.58	79	48362	17.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.88%
39) 2-Hexanone-d5	10.93	63	44692	33.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112174	20.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	122433	22.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.12%

Target Compounds

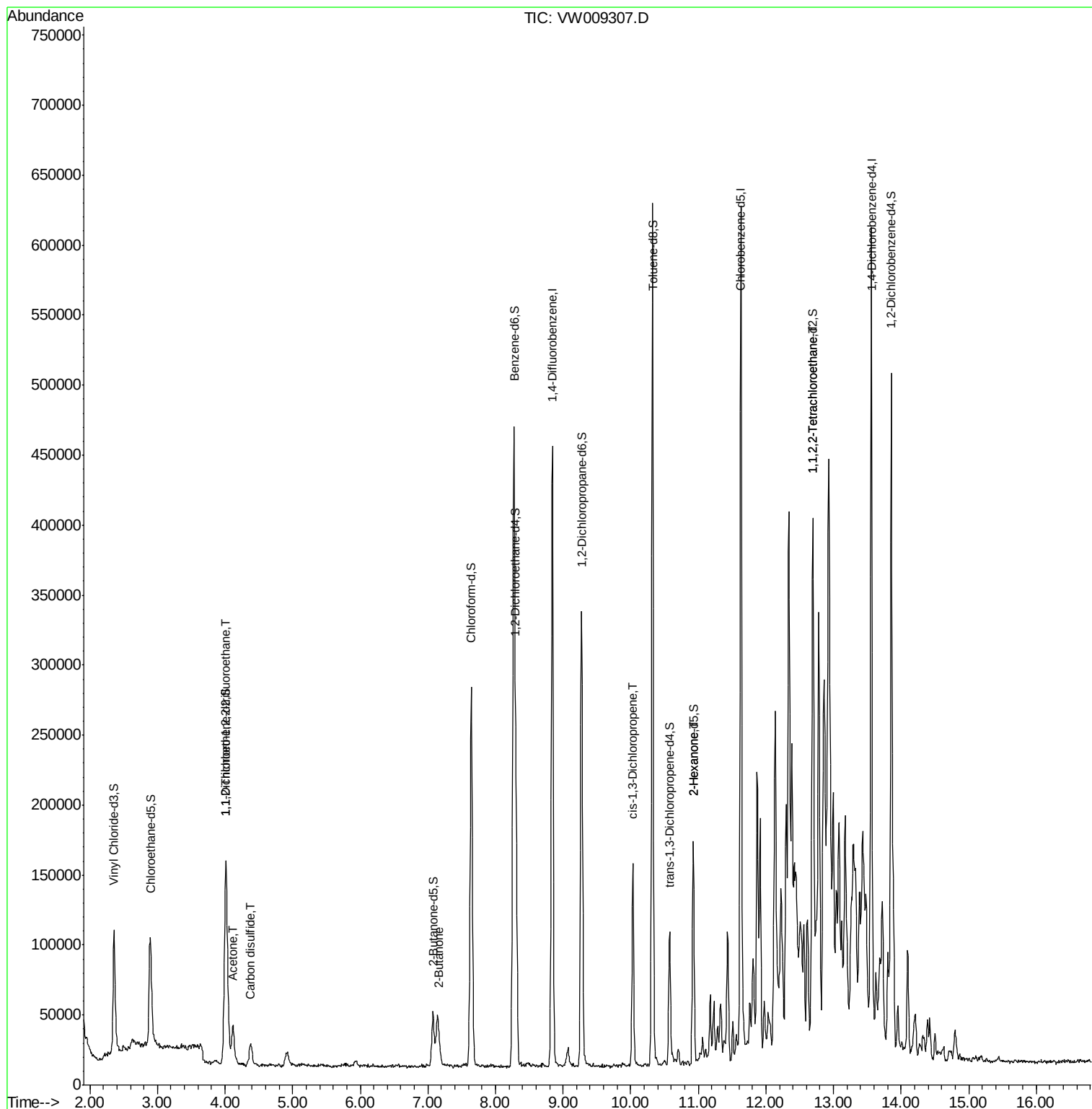
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1529	0.335 ug/L #	18
13) Acetone	4.12	43	44479	31.578 ug/L	98
14) Carbon disulfide	4.37	76	23906	2.075 ug/L #	94
21) 2-Butanone	7.17	43	11931	6.135 ug/L	75
42) cis-1,3-Dichloropropene	10.04	75	4424	0.590 ug/L	93
49) 2-Hexanone	10.93	43	11239	3.822 ug/L #	61
58) 1,1,2,2-Tetrachloroethane	12.70	83	3723	0.751 ug/L #	57

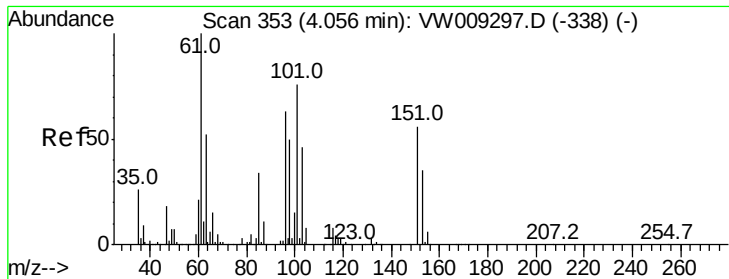
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.335 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.04 min

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ClientSampleId :

BF0B9

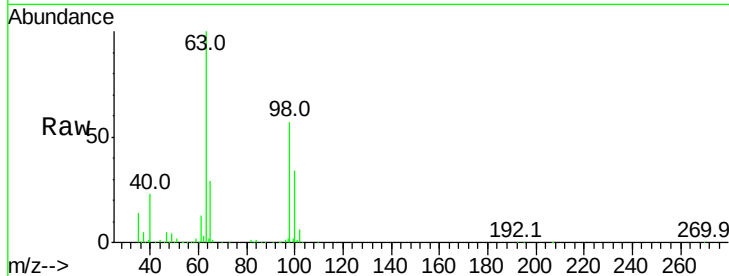
Tgt Ion:101 Resp: 1529

Ion Ratio Lower Upper

101 100

85 0.0 32.6 48.8#

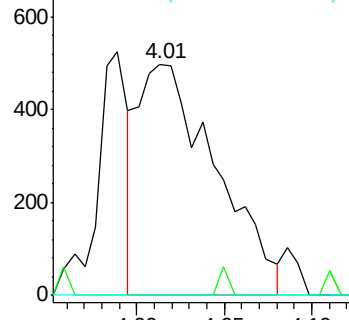
151 0.0 63.3 94.9#



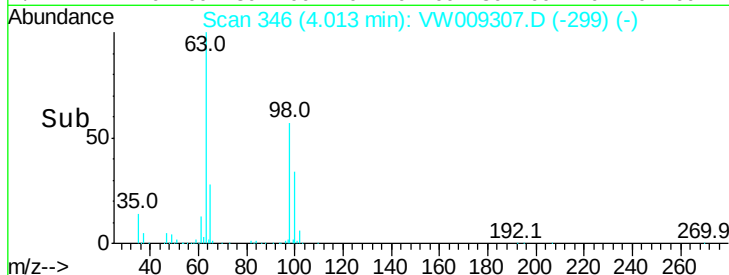
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



Time-->



#13

Acetone

Concen: 31.578 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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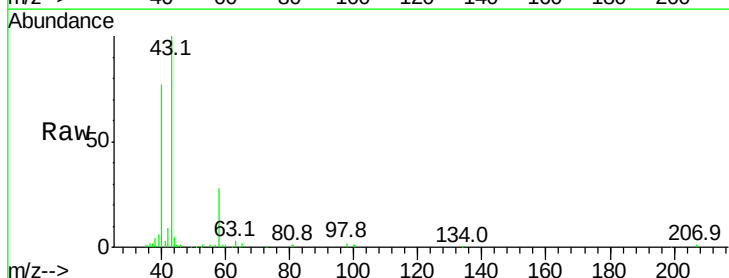
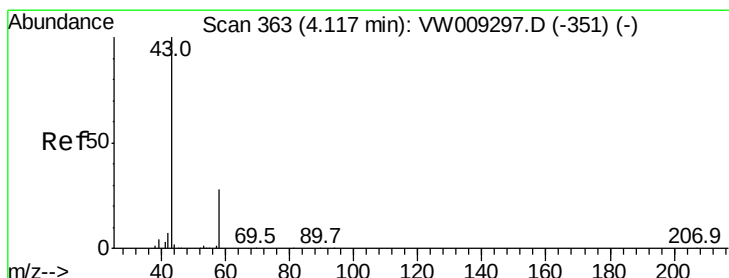
Acq: 21 Mar 2019 01:24

Tgt Ion: 43 Resp: 44479

Ion Ratio Lower Upper

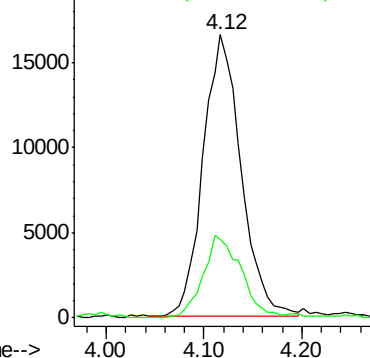
43 100

58 29.1 0.0 56.2

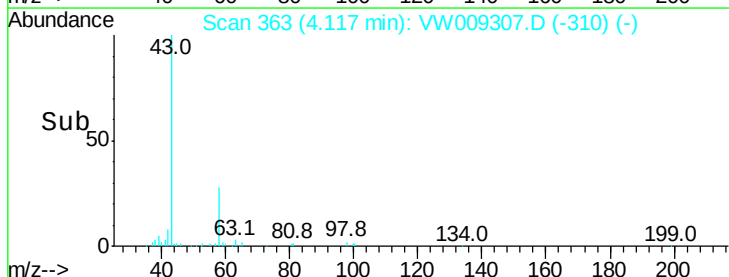


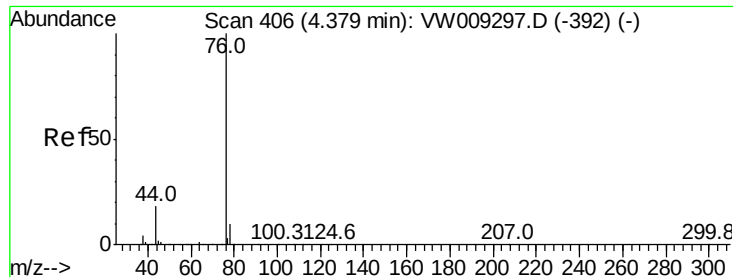
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->





#14

Carbon disulfide

Concen: 2.075 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009307.D

Acq: 21 Mar 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

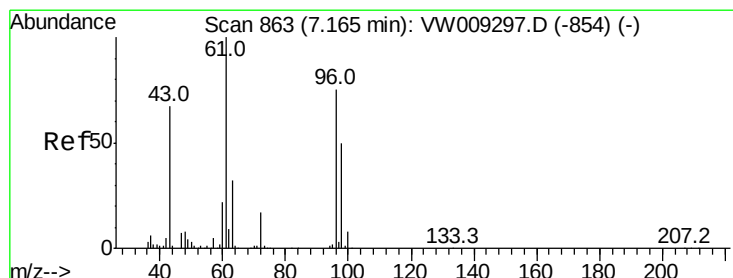
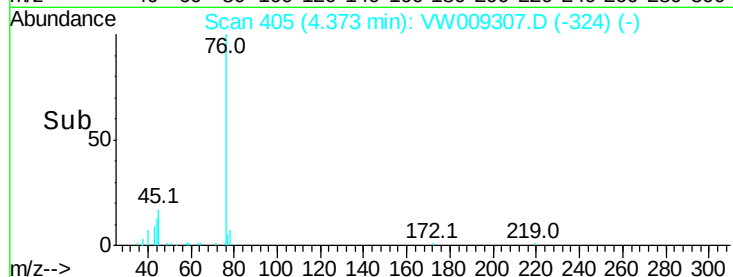
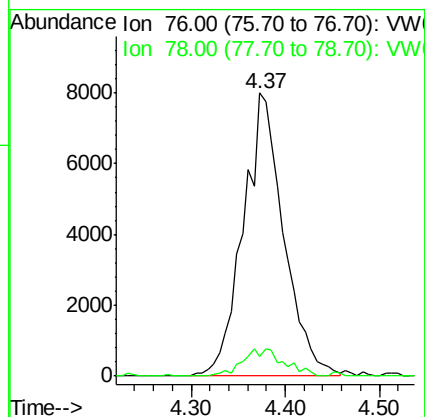
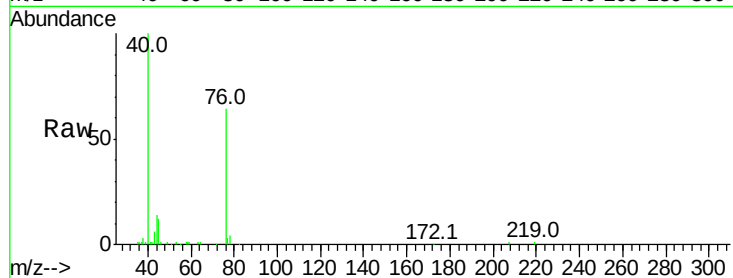
BF0B9

Tgt Ion: 76 Resp: 23906

Ion Ratio Lower Upper

76 100

78 6.9 7.3 10.9#



#21

2-Butanone

Concen: 6.135 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW009307.D

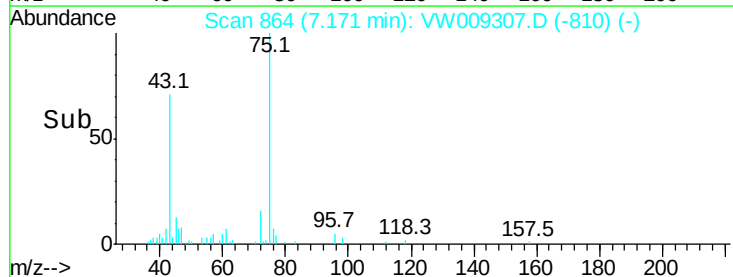
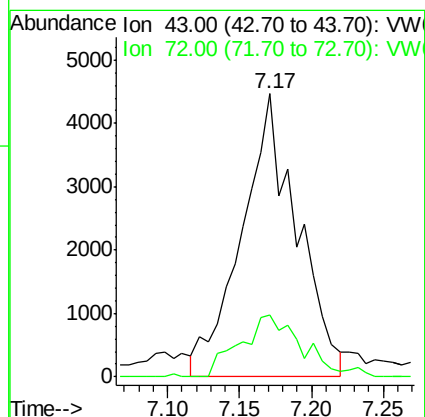
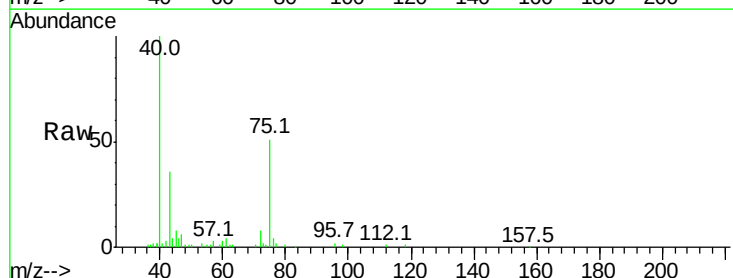
Acq: 21 Mar 2019 01:24

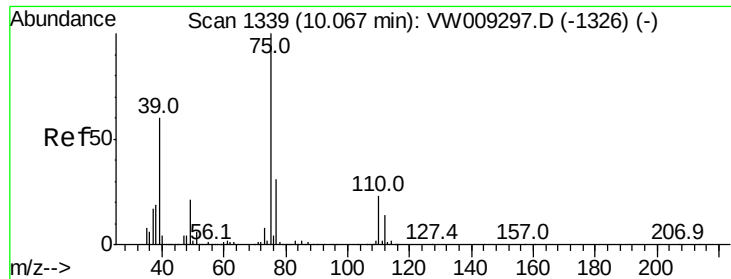
Tgt Ion: 43 Resp: 11931

Ion Ratio Lower Upper

43 100

72 13.4 13.1 39.1

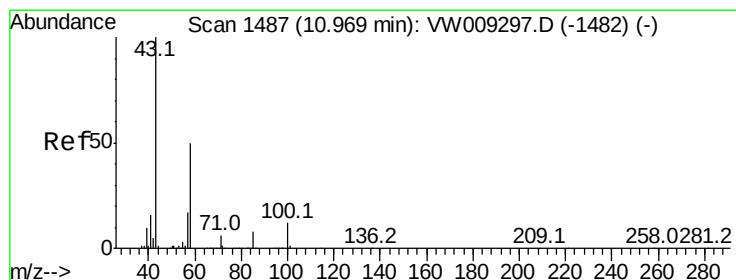
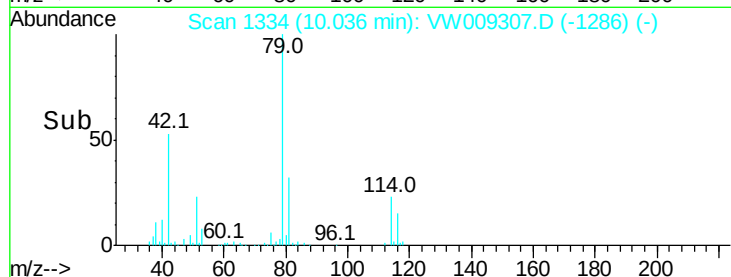
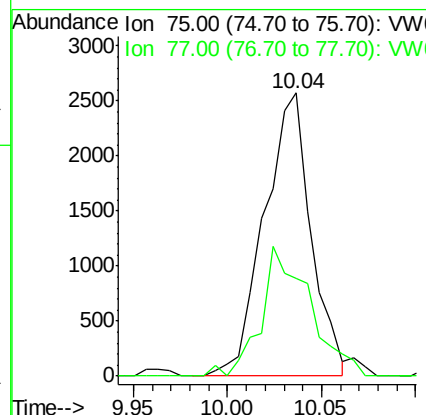
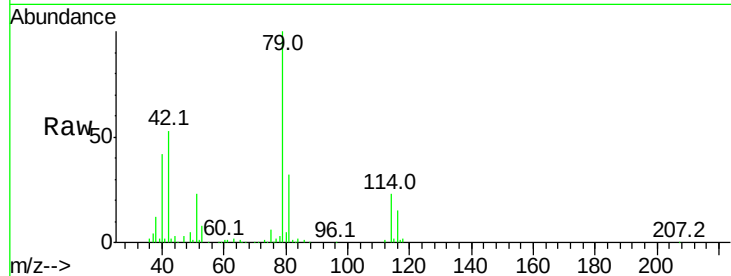




#42
 cis-1,3-Dichloropropene
 Concen: 0.590 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW009307.D
 Acq: 21 Mar 2019 01:24

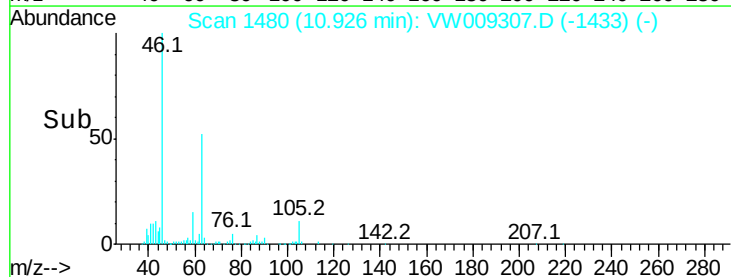
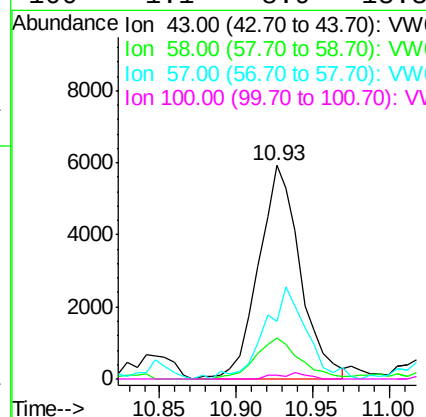
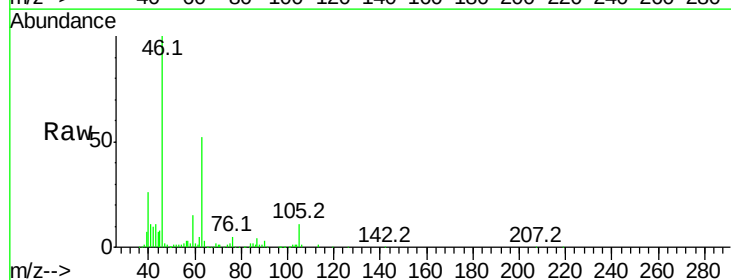
Instrument :
 MSVOA_W
 ClientSampleId :
 BF0B9

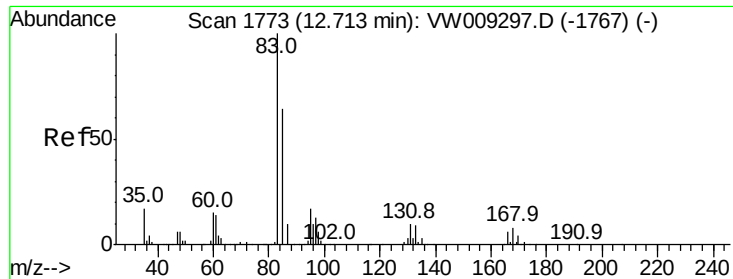
Tgt Ion: 75 Resp: 4424
 Ion Ratio Lower Upper
 75 100
 77 34.5 21.6 40.2



#49
 2-Hexanone
 Concen: 3.822 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW009307.D
 Acq: 21 Mar 2019 01:24

Tgt Ion: 43 Resp: 11239
 Ion Ratio Lower Upper
 43 100
 58 20.5 39.2 58.8#
 57 35.1 14.2 21.2#
 100 1.1 8.9 13.3#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.751 ug/L

RT: 12.70 min Scan# 1771

Delta R.T. -0.01 min

Lab File: VW009307.D

Acq: 21 Mar 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

BF0B9

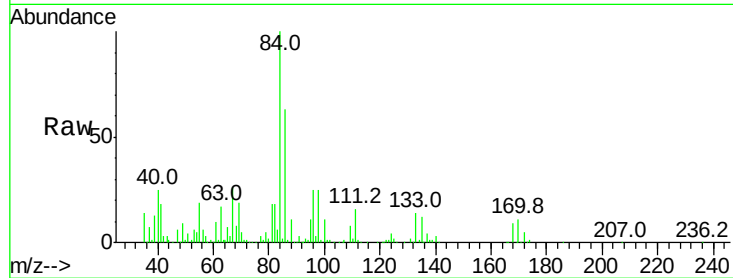
Tgt Ion: 83 Resp: 3723

Ion Ratio Lower Upper

83 100

85 33.9 45.6 84.8#

131 35.1 9.2 13.8#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V

