

Data File : VW009413.D
Acq On : 24 Mar 2019 02:11
Operator : SY/VA
Sample : K2031-05
Misc : 5.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5W0

Quant Time: Mar 24 04:16:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	419337	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393163	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167749	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97859	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.12%
7) Chloroethane-d5	2.89	69	104904	17.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.56%
10) 1,1-Dichloroethene-d2	4.01	63	159219	14.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.80%
20) 2-Butanone-d5	7.07	46	84675	40.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.72%
24) Chloroform-d	7.64	84	250633	21.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	8.30	65	150632	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.40%
29) Benzene-d6	8.27	84	451527	20.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.28%
33) 1,2-Dichloropropane-d6	9.27	67	143579	22.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.20%
37) Toluene-d8	10.32	98	388301	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.48%
38) trans-1,3-Dichloropropene-	10.58	79	51865	15.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.44%
39) 2-Hexanone-d5	10.93	63	62761	39.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131897	20.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	142414	22.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.56%

Target Compounds

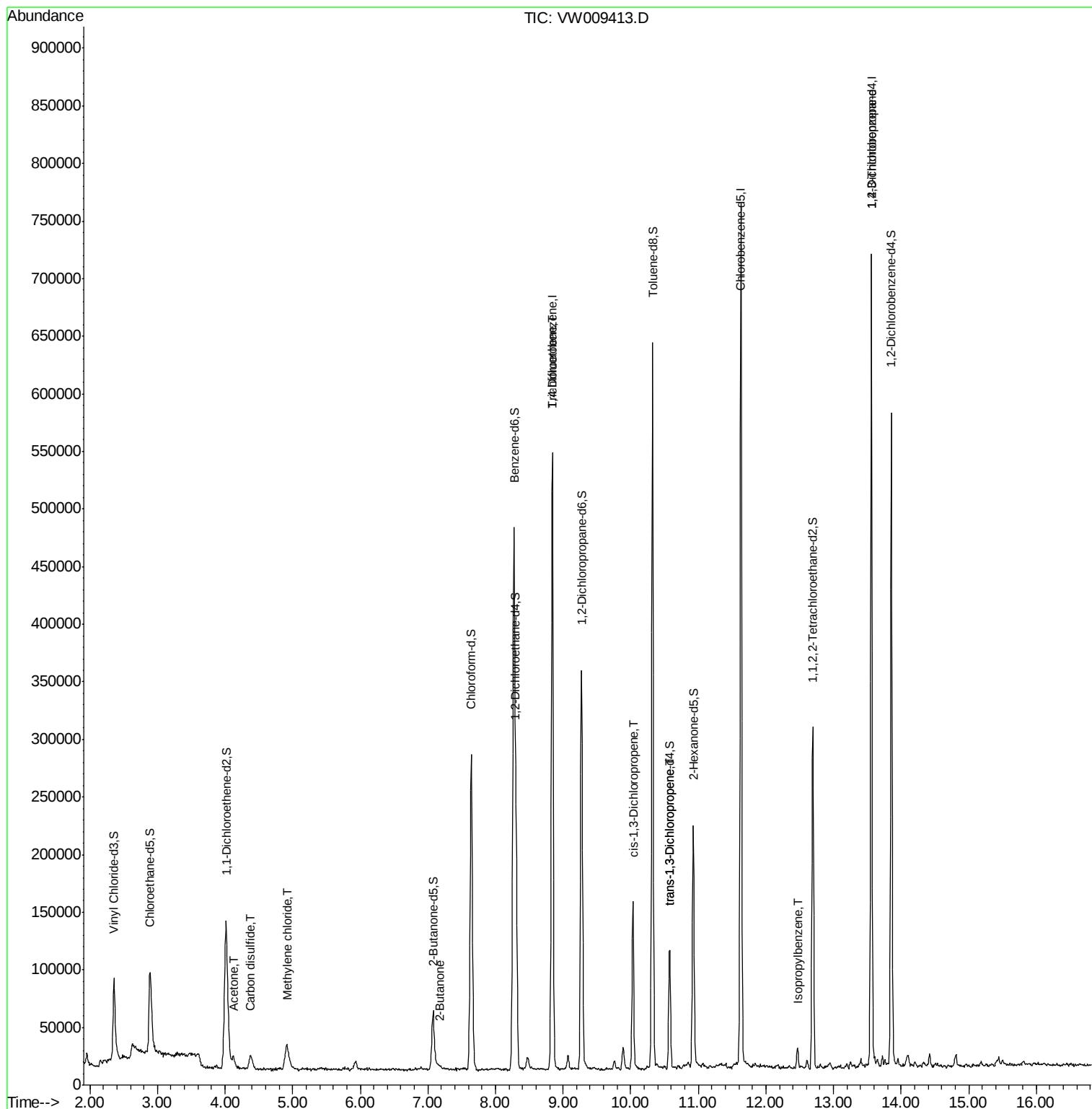
					Qvalue
13) Acetone	4.12	43	15533	9.140 ug/L	87
14) Carbon disulfide	4.37	76	24621	1.772 ug/L	96
16) Methylene chloride	4.92	84	20221	3.307 ug/L	89
21) 2-Butanone	7.17	43	1320	0.563 ug/L	84
35) Trichloroethene	8.84	95	12935	2.256 ug/L #	4
42) cis-1,3-Dichloropropene	10.03	75	4366	0.485 ug/L #	78
45) trans-1,3-Dichloropropene	10.57	75	3007	0.384 ug/L	98
57) Isopropylbenzene	12.47	105	7663	0.292 ug/L #	92
59) 1,2,3-Trichloropropane	13.56	75	22438	5.087 ug/L	89

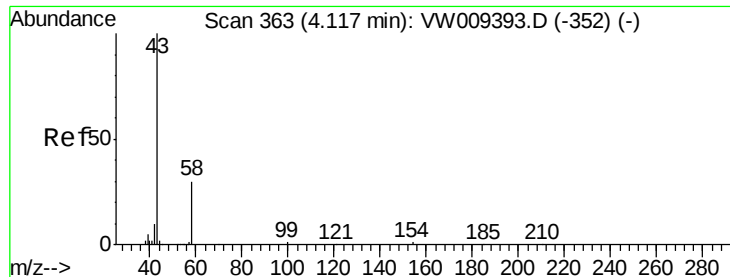
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009413.D
Acq On : 24 Mar 2019 02:11
Operator : SY/VA
Sample : K2031-05
Misc : 5.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5W0

Quant Time: Mar 24 04:16:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.140 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009413.D

Acq: 24 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

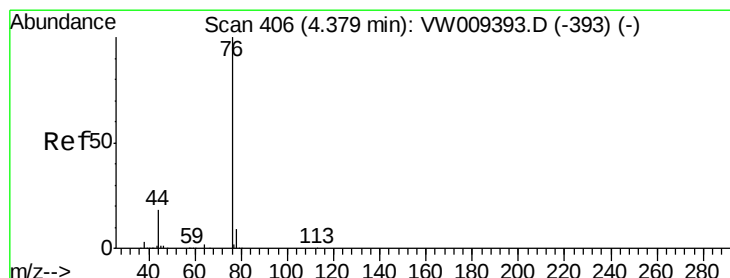
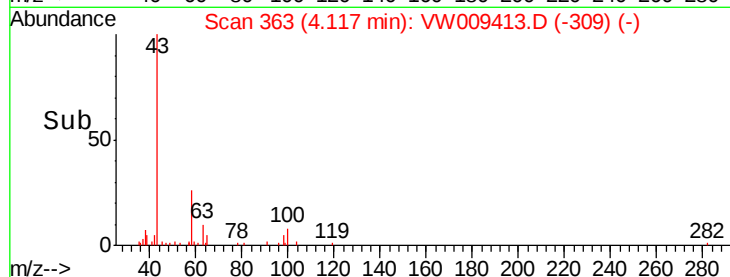
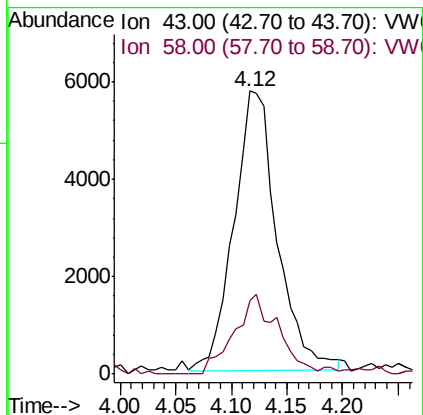
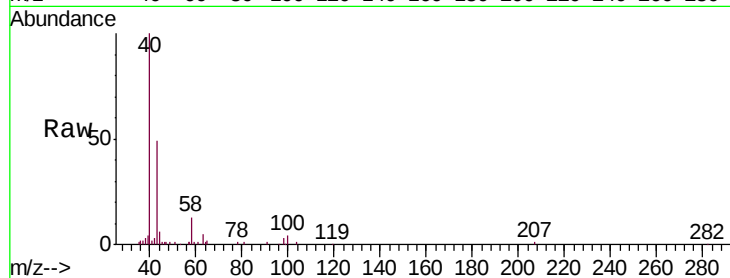
BF5W0

Tgt Ion: 43 Resp: 15533

Ion Ratio Lower Upper

43 100

58 21.4 0.0 56.2



#14

Carbon disulfide

Concen: 1.772 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009413.D

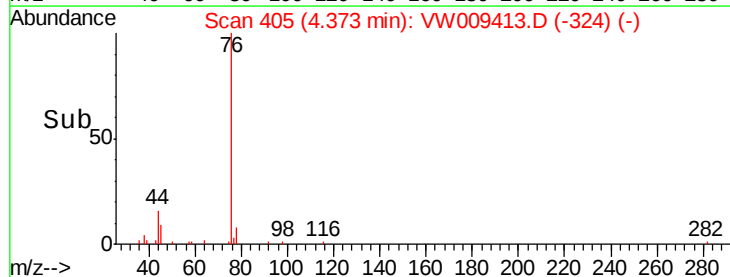
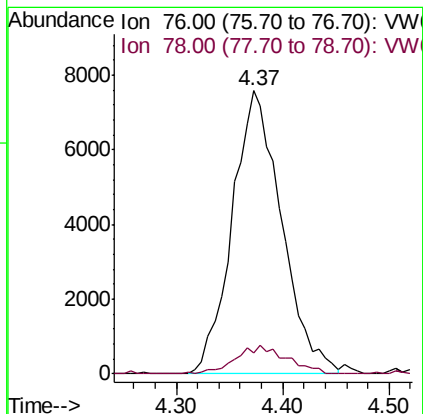
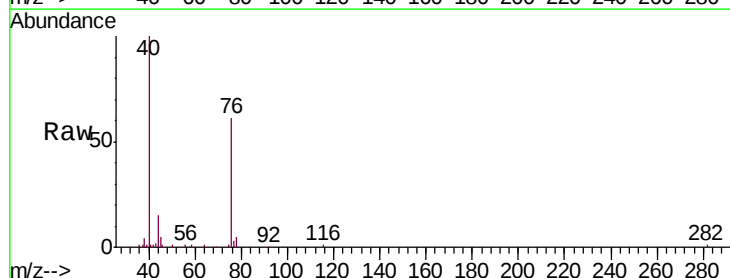
Acq: 24 Mar 2019 02:11

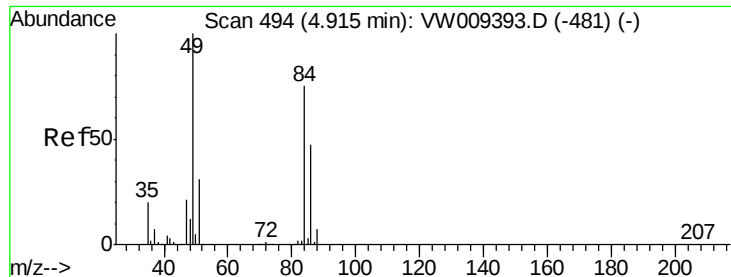
Tgt Ion: 76 Resp: 24621

Ion Ratio Lower Upper

76 100

78 7.5 7.3 10.9

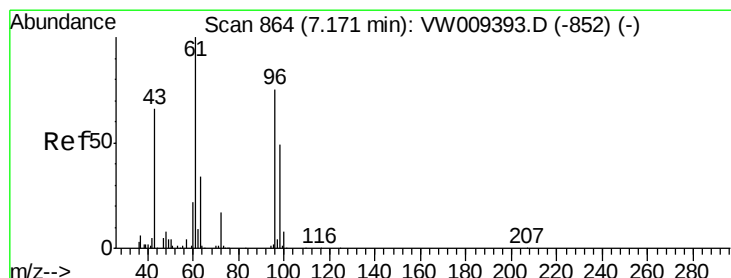
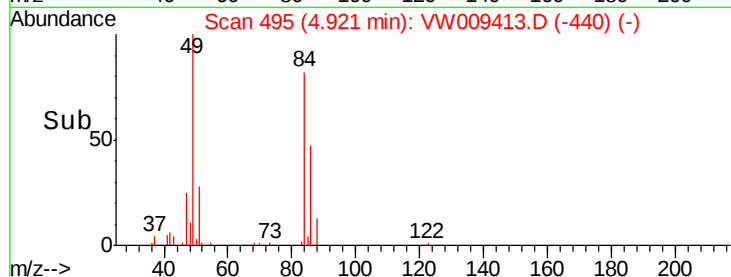
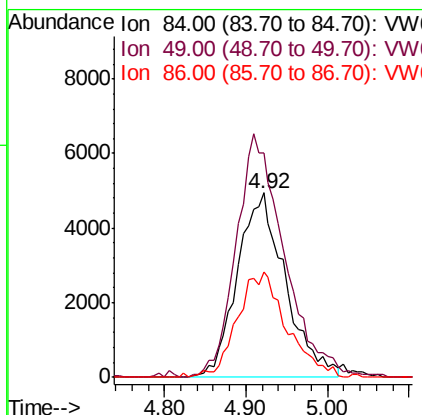
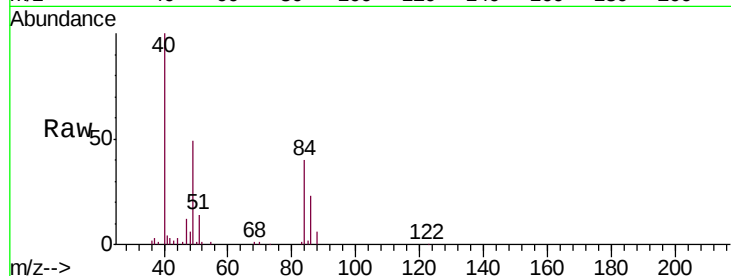




#16
Methylene chloride
Concen: 3.307 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009413.D
Acq: 24 Mar 2019 02:11

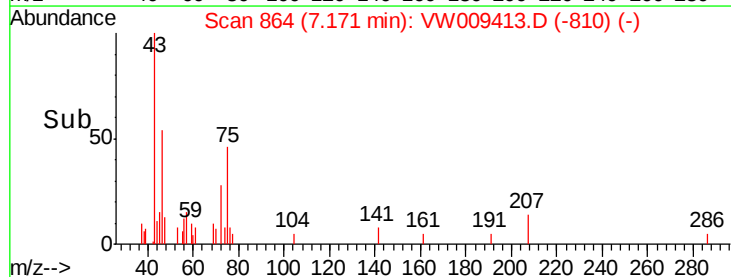
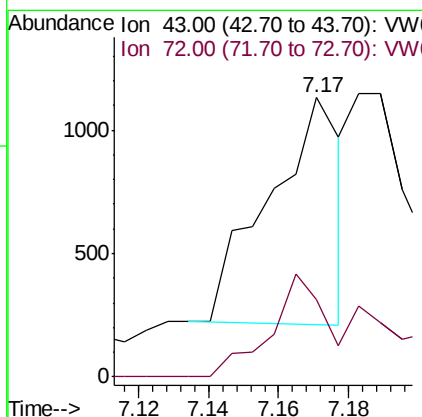
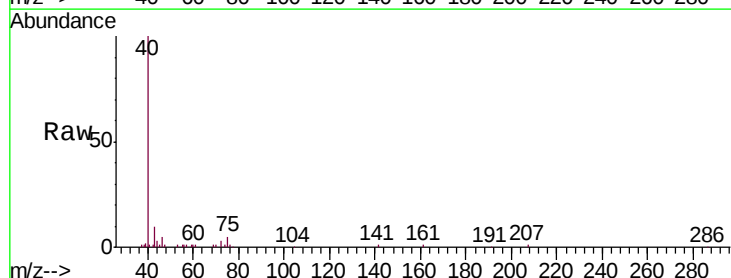
Instrument :
MSVOA_W
ClientSampleId :
BF5W0

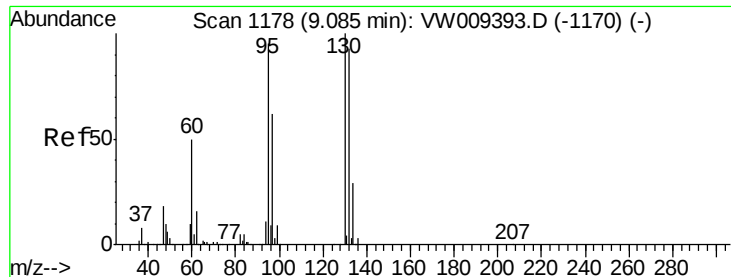
Tgt Ion: 84 Resp: 20221
Ion Ratio Lower Upper
84 100
49 121.8 96.0 178.2
86 57.1 44.4 82.5



#21
2-Butanone
Concen: 0.563 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW009413.D
Acq: 24 Mar 2019 02:11

Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
72 34.0 13.1 39.1





#35

Trichloroethene

Concen: 2.256 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW009413.D

Acq: 24 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

BF5W0

Tgt Ion: 95 Resp: 12935

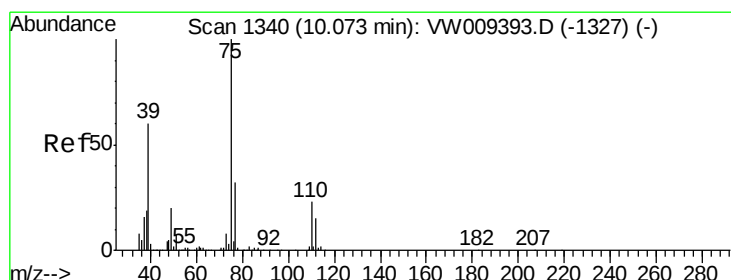
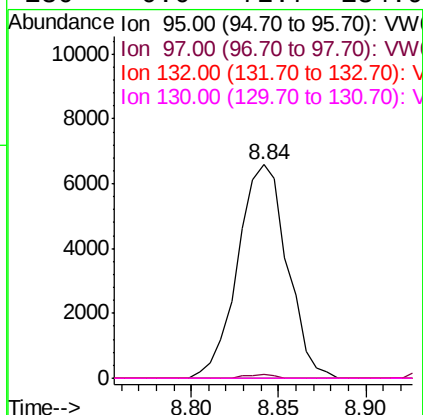
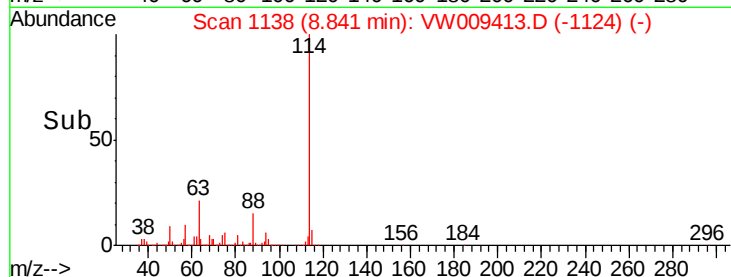
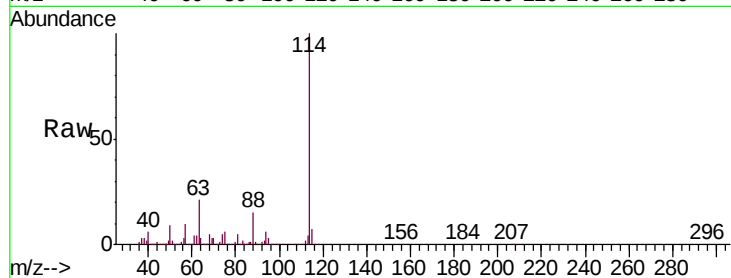
Ion Ratio Lower Upper

95 100

97 1.0 44.7 82.9#

132 0.2 69.0 128.2#

130 0.0 72.7 134.9#



#42

cis-1,3-Dichloropropene

Concen: 0.485 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009413.D

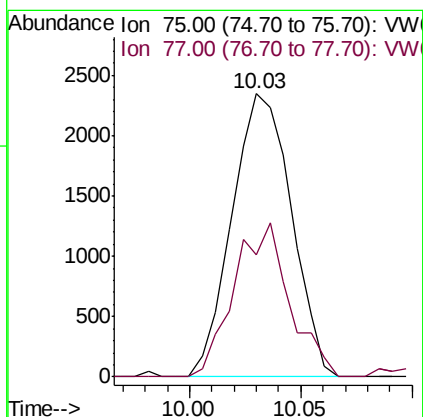
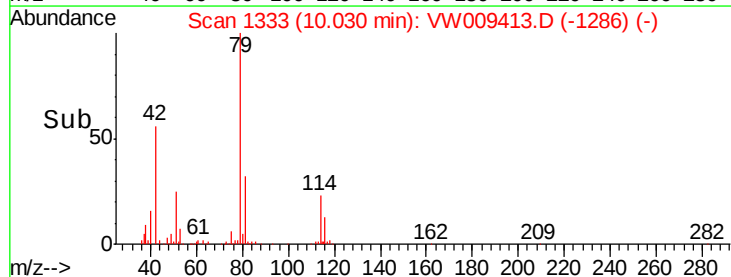
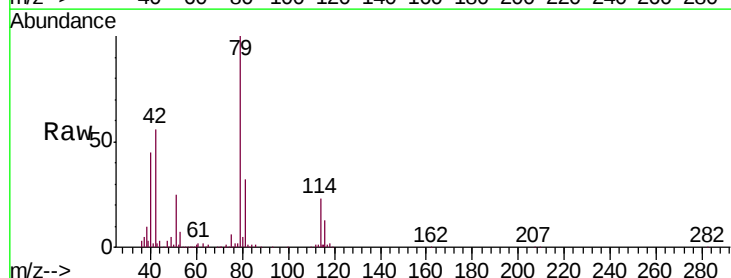
Acq: 24 Mar 2019 02:11

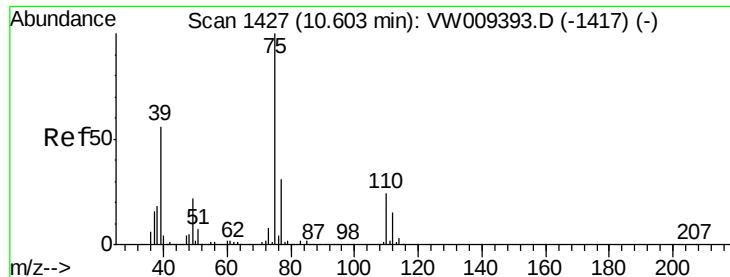
Tgt Ion: 75 Resp: 4366

Ion Ratio Lower Upper

75 100

77 43.0 21.6 40.2#

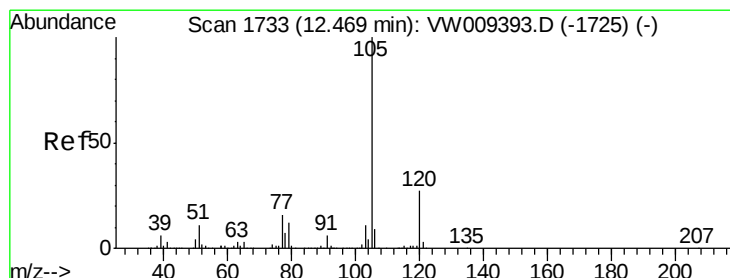
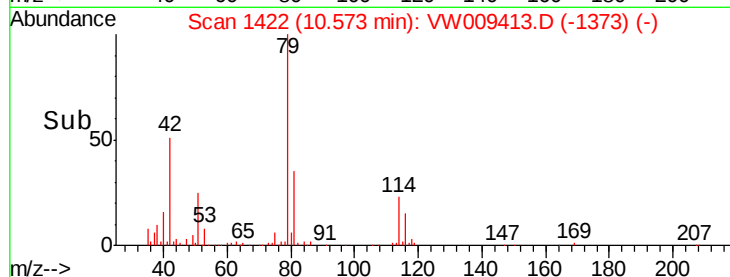
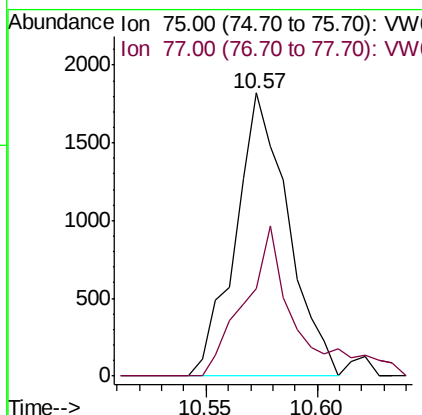
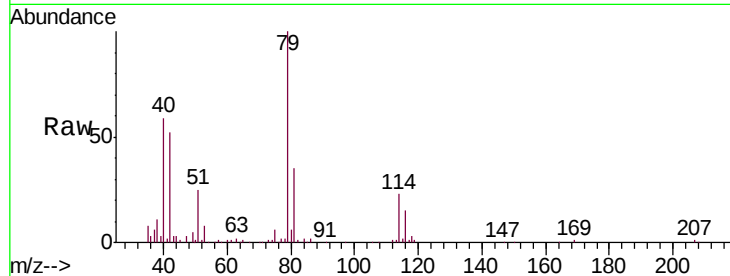




#45
trans-1,3-Dichloropropene
Concen: 0.384 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW009413.D
Acq: 24 Mar 2019 02:11

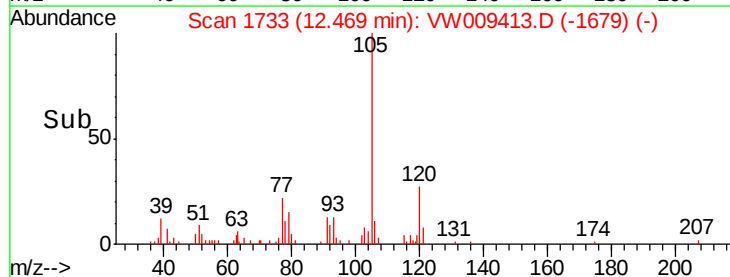
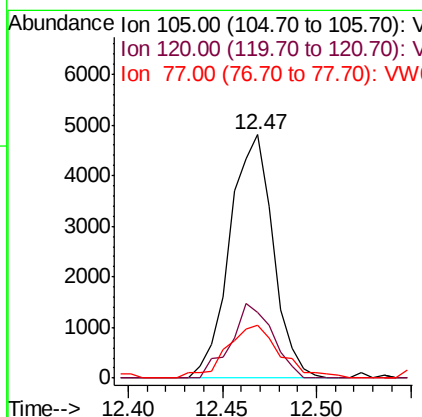
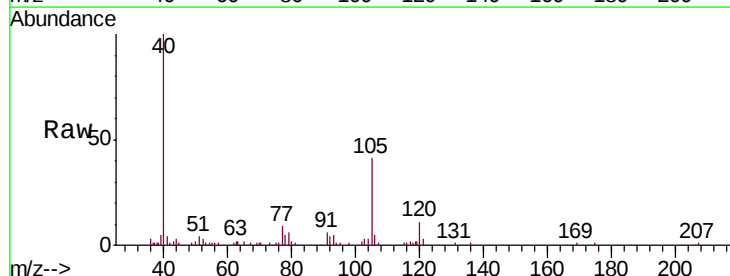
Instrument :
MSVOA_W
ClientSampleId :
BF5W0

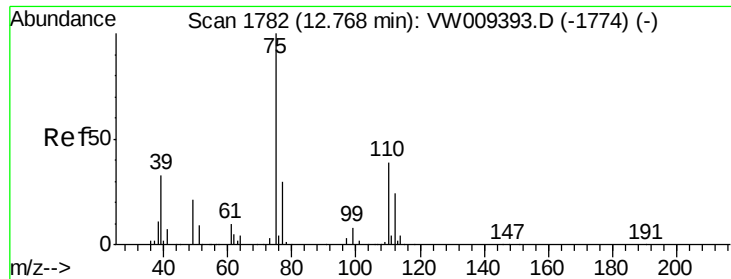
Tgt Ion: 75 Resp: 3007
Ion Ratio Lower Upper
75 100
77 30.8 22.5 41.7



#57
Isopropylbenzene
Concen: 0.292 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW009413.D
Acq: 24 Mar 2019 02:11

Tgt Ion: 105 Resp: 7663
Ion Ratio Lower Upper
105 100
120 29.4 21.3 31.9
77 21.3 13.1 19.7#





#59

1,2,3-Trichloropropane

Concen: 5.087 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009413.D

Acq: 24 Mar 2019 02:11

Instrument :

MSVOA_W

ClientSampleId :

BF5W0

Tgt Ion: 75 Resp: 22438

Ion Ratio Lower Upper

75 100

77 38.8 26.2 39.2

