

Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5G7

Quant Time: Mar 29 07:45:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	363114	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99537	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115880	26.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.84%
7) Chloroethane-d5	2.89	69	115941	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.36%
10) 1,1-Dichloroethene-d2	4.01	63	172760	18.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.68%
20) 2-Butanone-d5	7.08	46	24880	13.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.72%
24) Chloroform-d	7.64	84	253555	25.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.36%
26) 1,2-Dichloroethane-d4	8.31	65	160978	26.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.88%
29) Benzene-d6	8.27	84	444222	26.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.04%
33) 1,2-Dichloropropane-d6	9.27	67	146881	28.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.64%
37) Toluene-d8	10.32	98	365405	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.44%
38) trans-1,3-Dichloropropene-	10.57	79	30890	12.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	48.44%
39) 2-Hexanone-d5	10.93	63	16622	13.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114477	22.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	82602	21.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.56%

Target Compounds

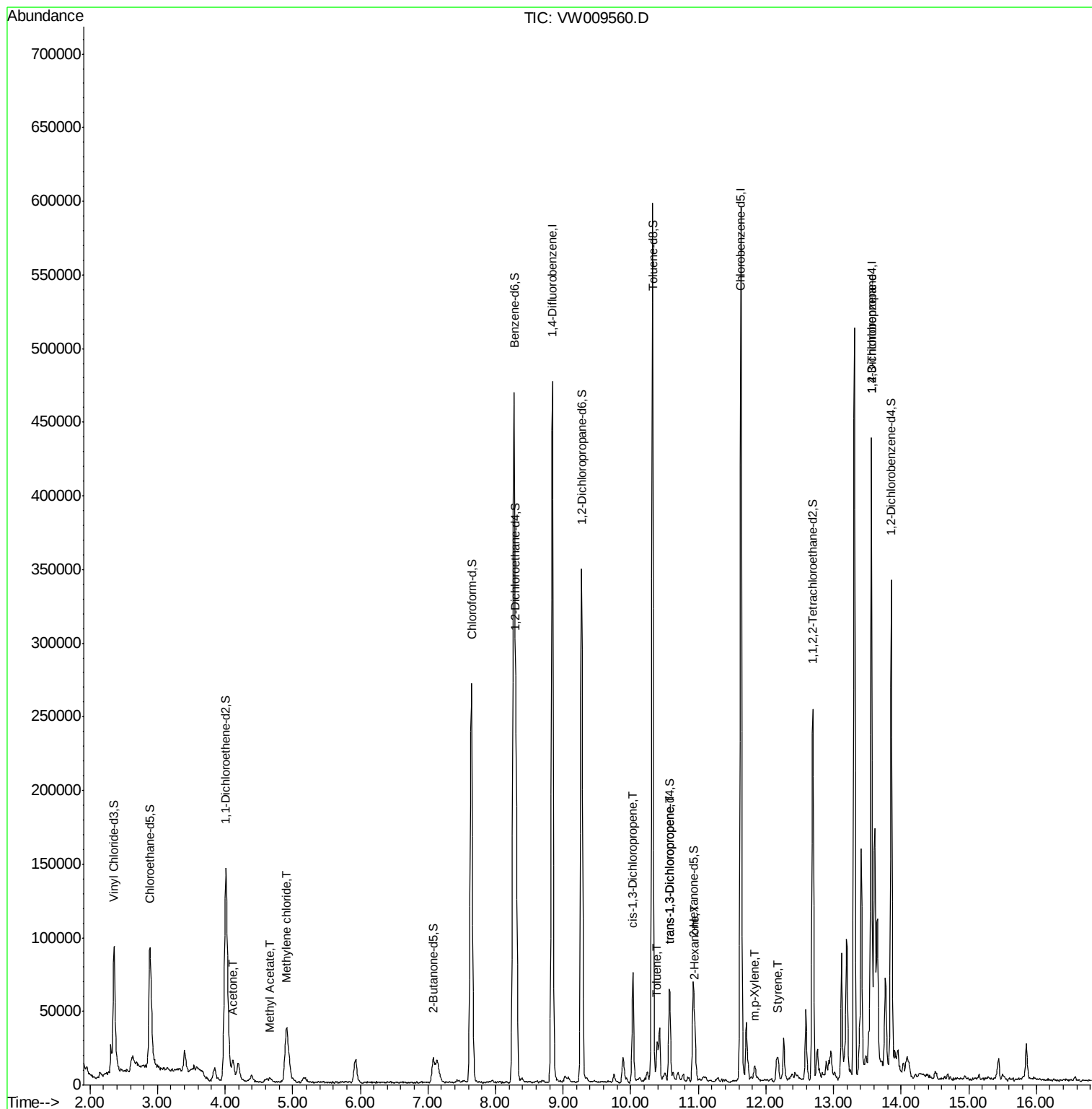
					Qvalue
13) Acetone	4.11	43	22971	15.609 ug/L	95
15) Methyl Acetate	4.66	43	4040	1.397 ug/L #	88
16) Methylene chloride	4.90	84	31999	6.043 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	2209	0.315 ug/L	87
44) Toluene	10.38	91	9865	0.537 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	1904	0.312 ug/L #	74
49) 2-Hexanone	10.96	43	18488	6.724 ug/L #	49
54) m,p-Xylene	11.83	106	2555	0.326 ug/L	73
56) Styrene	12.18	104	5415	0.415 ug/L	94
59) 1,2,3-Trichloropropane	13.56	75	13961	4.057 ug/L	89

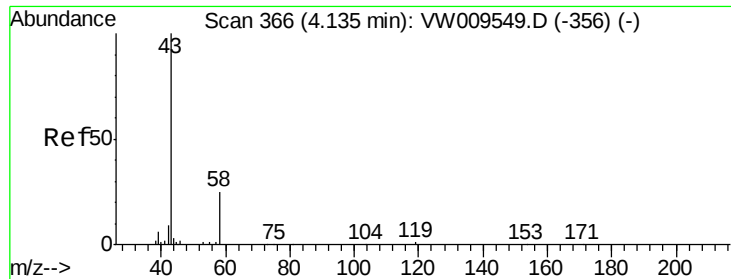
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5G7

Quant Time: Mar 29 07:45:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 15.609 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.02 min

Lab File: VW009560.D

Acq: 29 Mar 2019 02:40

Instrument :

MSVOA_W

ClientSampleId :

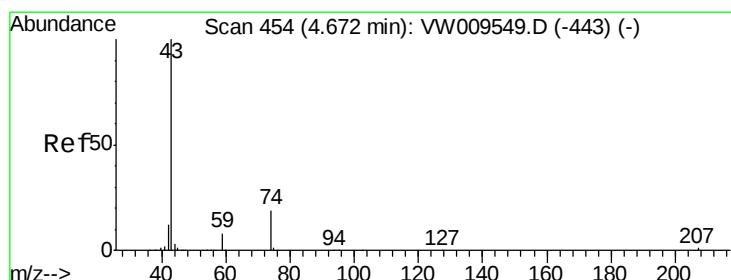
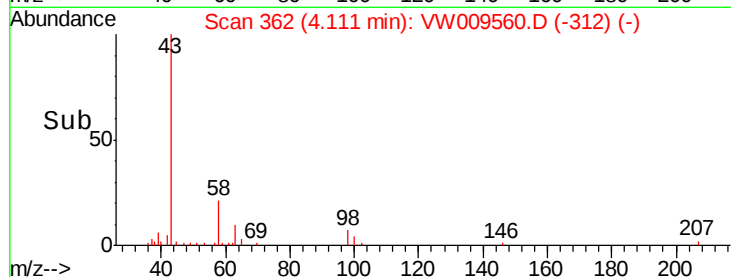
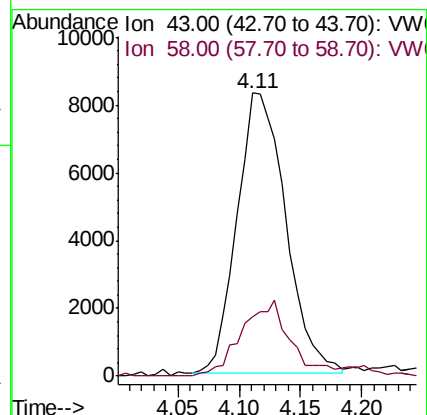
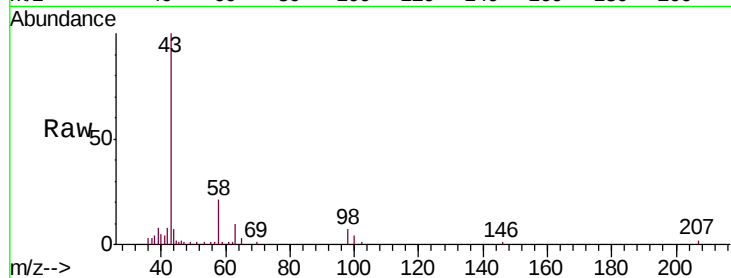
BF5G7

Tgt Ion: 43 Resp: 22971

Ion Ratio Lower Upper

43 100

58 25.4 0.0 56.2



#15

Methyl Acetate

Concen: 1.397 ug/L

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW009560.D

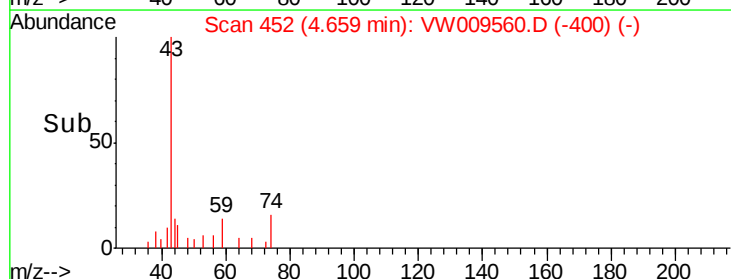
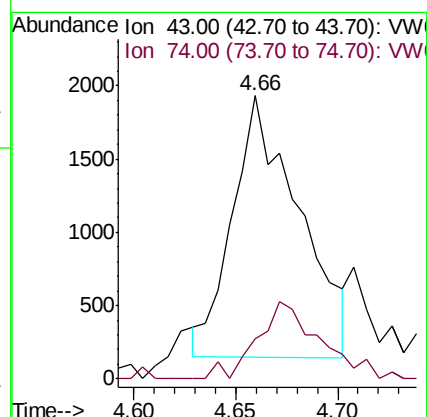
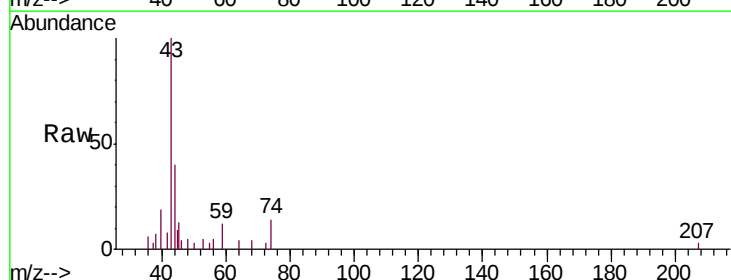
Acq: 29 Mar 2019 02:40

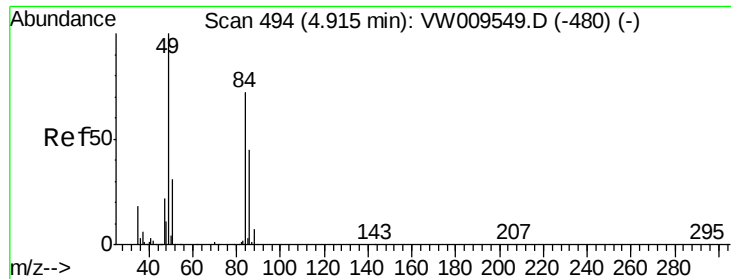
Tgt Ion: 43 Resp: 4040

Ion Ratio Lower Upper

43 100

74 26.7 16.7 25.1#

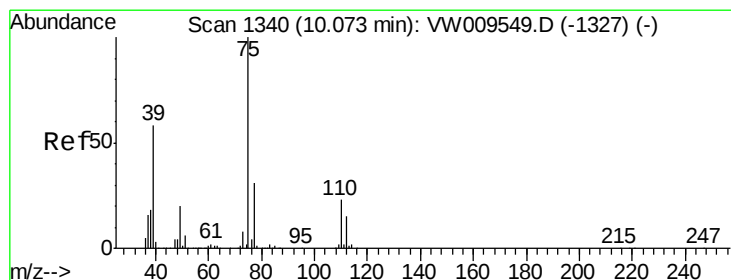
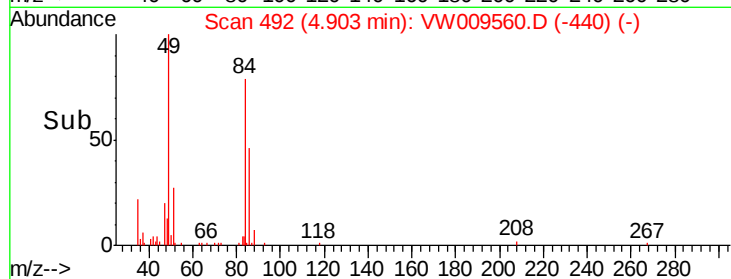
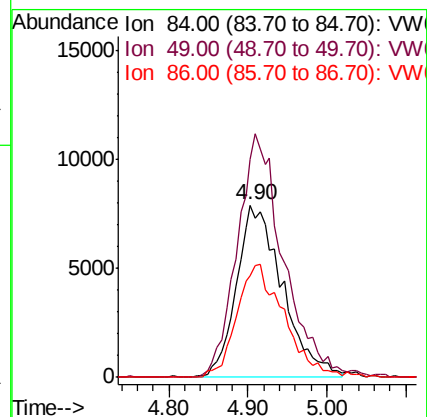
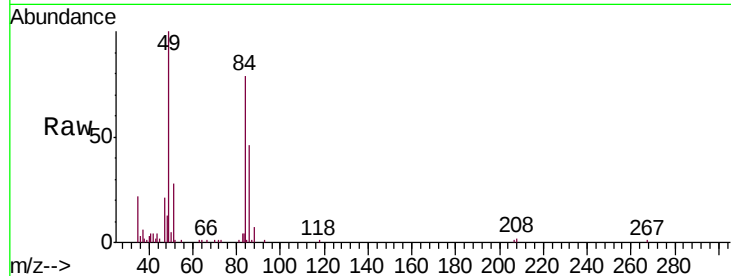




#16
Methylene chloride
Concen: 6.043 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009560.D
Acq: 29 Mar 2019 02:40

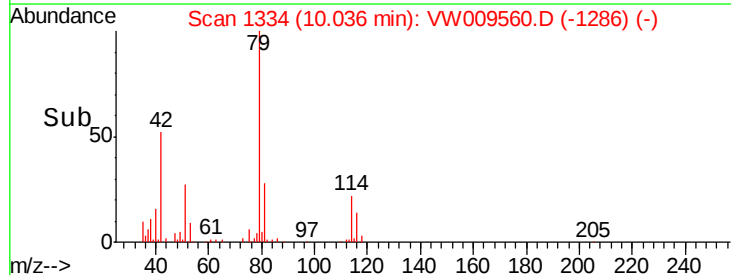
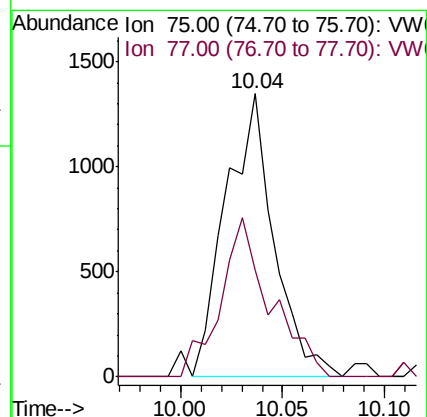
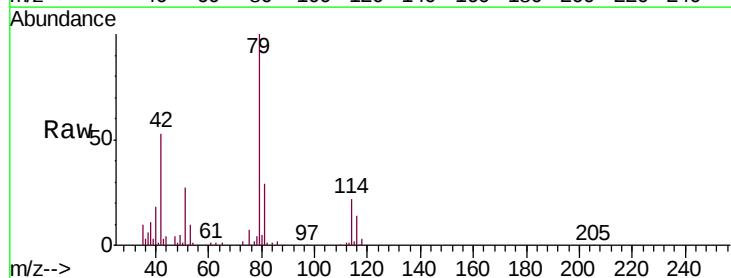
Instrument :
MSVOA_W
ClientSampled :
BF5G7

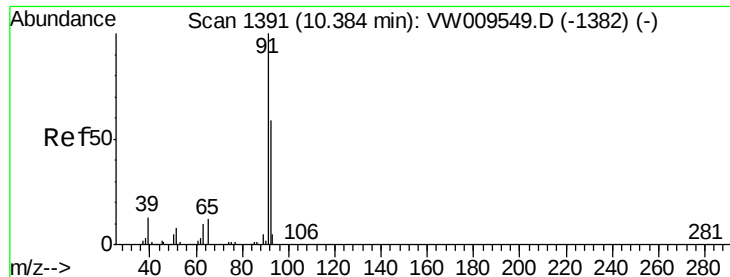
Tgt Ion: 84 Resp: 31999
Ion Ratio Lower Upper
84 100
49 126.2 96.0 178.2
86 58.6 44.4 82.5



#42
cis-1,3-Dichloropropene
Concen: 0.315 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW009560.D
Acq: 29 Mar 2019 02:40

Tgt Ion: 75 Resp: 2209
Ion Ratio Lower Upper
75 100
77 37.8 21.6 40.2





#44

Toluene

Concen: 0.537 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009560.D

Acq: 29 Mar 2019 02:40

Instrument :

MSVOA_W

ClientSampleId :

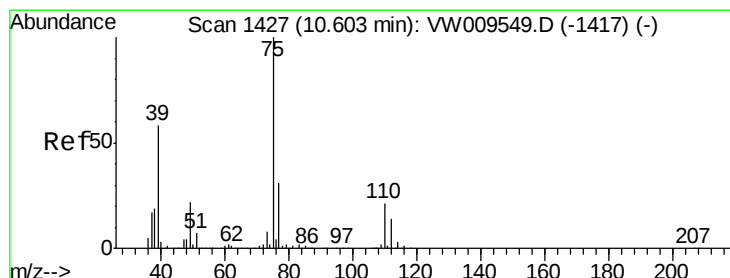
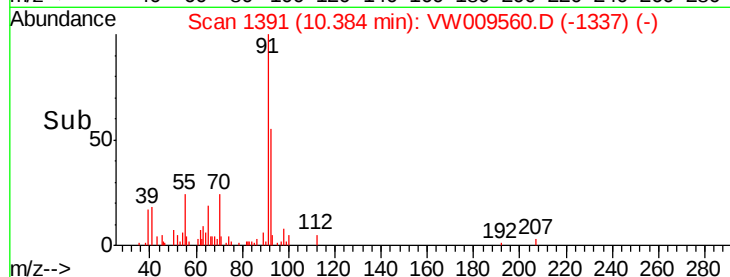
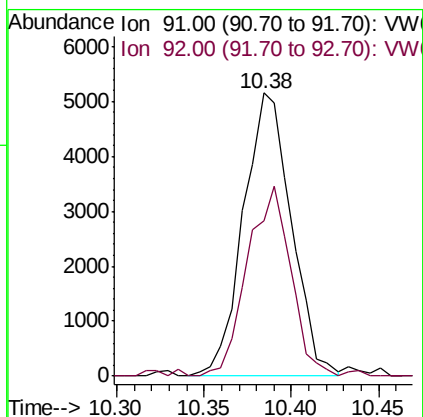
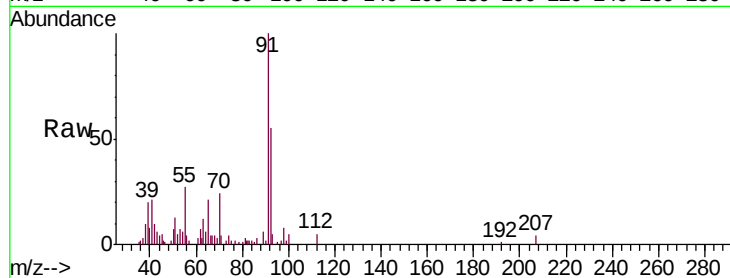
BF5G7

Tgt Ion: 91 Resp: 9865

Ion Ratio Lower Upper

91 100

92 55.1 39.8 73.8



#45

trans-1,3-Dichloropropene

Concen: 0.312 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009560.D

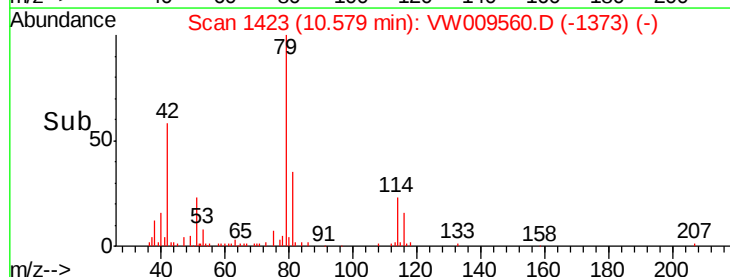
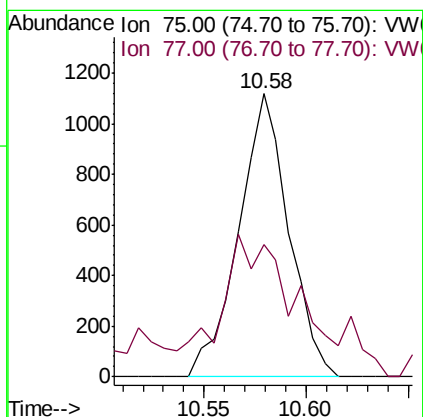
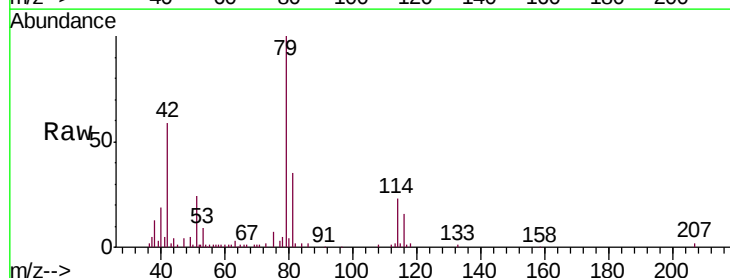
Acq: 29 Mar 2019 02:40

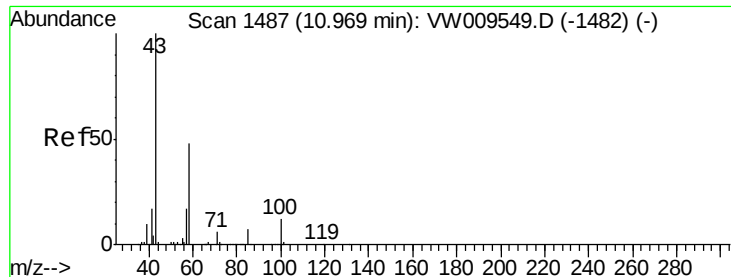
Tgt Ion: 75 Resp: 1904

Ion Ratio Lower Upper

75 100

77 46.7 22.5 41.7#

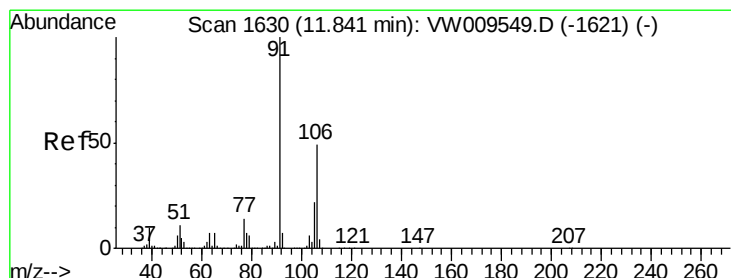
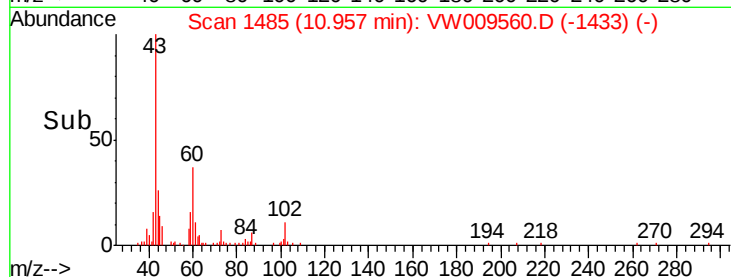
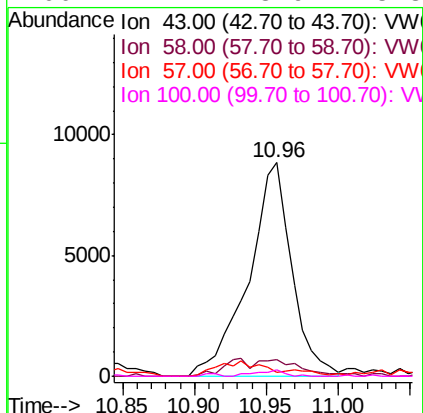
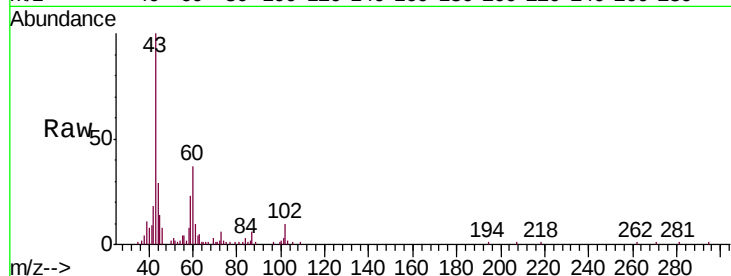




#49
2-Hexanone
Concen: 6.724 ug/L
RT: 10.96 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VW009560.D
Acq: 29 Mar 2019 02:40

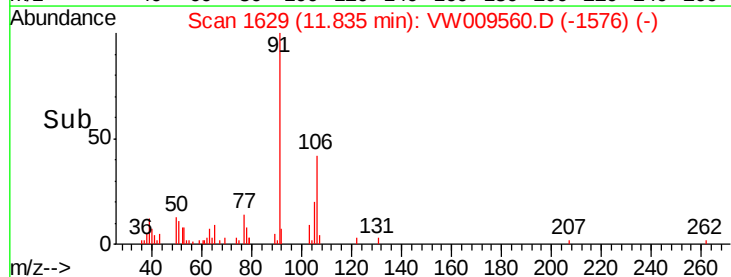
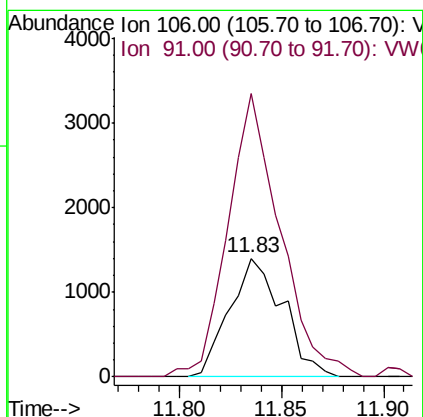
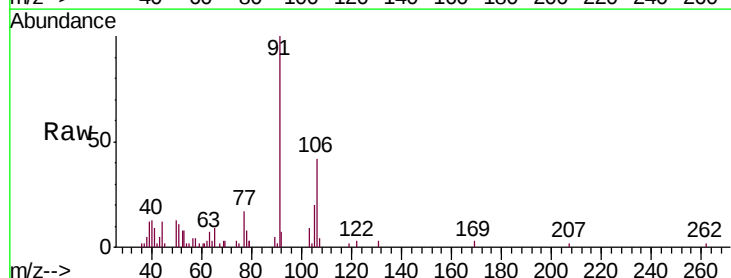
Instrument :
MSVOA_W
ClientSampled :
BF5G7

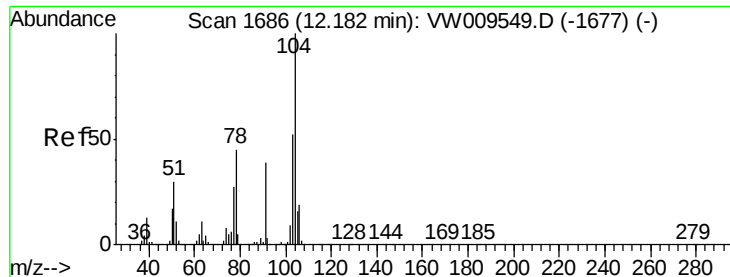
Tgt Ion: 43 Resp: 18488
Ion Ratio Lower Upper
43 100
58 7.4 39.2 58.8#
57 0.0 14.2 21.2#
100 1.4 8.9 13.3#



#54
m,p-Xylene
Concen: 0.326 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009560.D
Acq: 29 Mar 2019 02:40

Tgt Ion: 106 Resp: 2555
Ion Ratio Lower Upper
106 100
91 238.4 138.4 257.0





#56

Styrene

Concen: 0.415 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW009560.D

Acq: 29 Mar 2019 02:40

Instrument :

MSVOA_W

ClientSampleId :

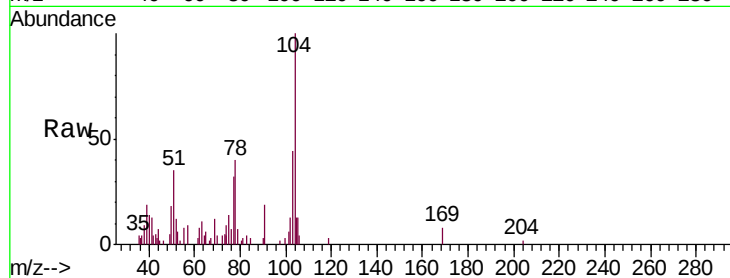
BF5G7

Tgt Ion:104 Resp: 5415

Ion Ratio Lower Upper

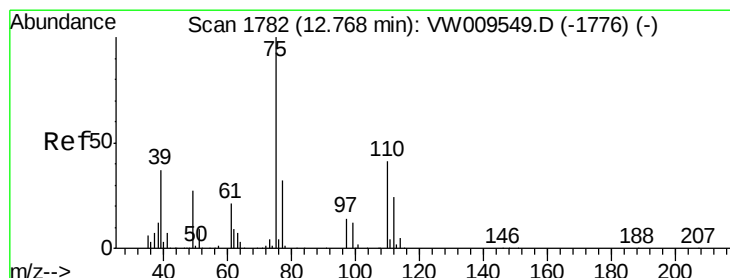
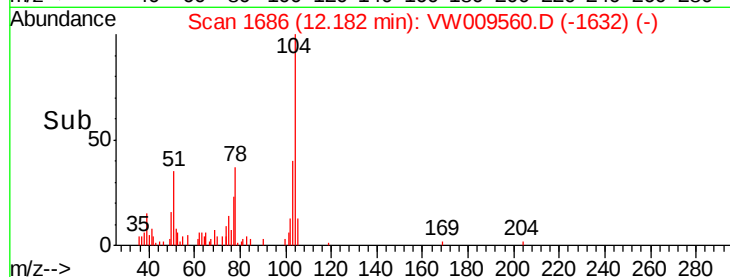
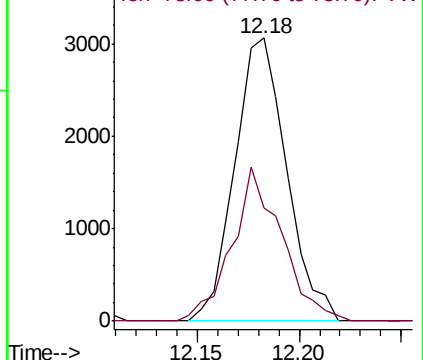
104 100

78 40.0 30.9 57.3



Abundance Ion 104.00 (103.70 to 104.70): VW

Ion 78.00 (77.70 to 78.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.057 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009560.D

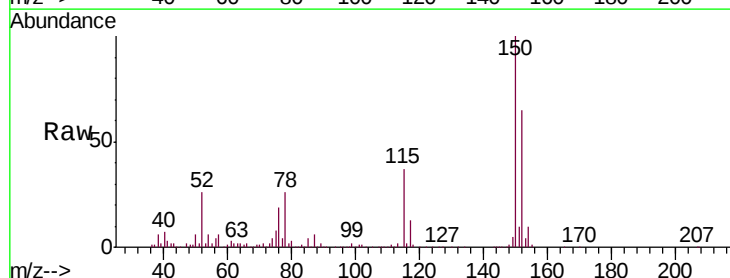
Acq: 29 Mar 2019 02:40

Tgt Ion: 75 Resp: 13961

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

