

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009507.D
 Acq On : 27 Mar 2019 17:07
 Operator : SY/VA
 Sample : K2065-13
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5L6RE

Quant Time: Mar 28 05:01:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 04:55:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	292396	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	255091	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	97163	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	71124	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.44%
7) Chloroethane-d5	2.89	69	81943	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.16%
10) 1,1-Dichloroethene-d2	4.01	63	114793	15.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.80%
20) 2-Butanone-d5	7.08	46	74679	51.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.36%
24) Chloroform-d	7.64	84	187108	23.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	8.31	65	112456	23.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.56%
29) Benzene-d6	8.27	84	316131	22.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.88%
33) 1,2-Dichloropropane-d6	9.27	67	102806	24.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.32%
37) Toluene-d8	10.32	98	252968	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.80%
38) trans-1,3-Dichloropropene-	10.58	79	39643	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.72%
39) 2-Hexanone-d5	10.93	63	47950	46.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101745	24.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	80860	21.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.80%

Target Compounds

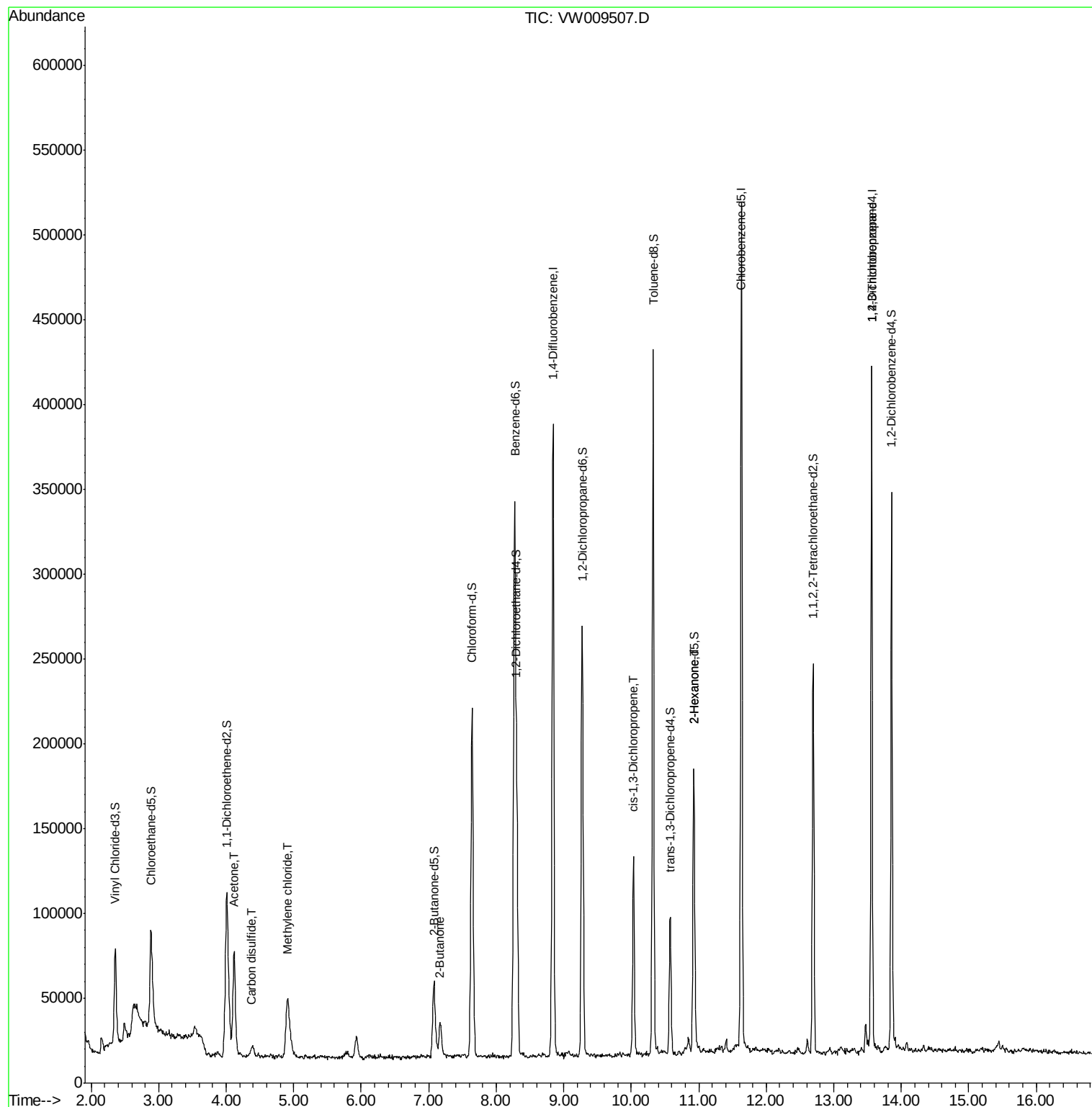
					Ovalue
13) Acetone	4.12	43	103140	87.038	ug/L 98
14) Carbon disulfide	4.37	76	7484	0.772	ug/L 96
16) Methylene chloride	4.91	84	30237	7.091	ug/L 97
21) 2-Butanone	7.17	43	30369	18.561	ug/L 93
42) cis-1,3-Dichloropropene	10.04	75	3314	0.568	ug/L # 70
49) 2-Hexanone	10.93	43	6825	2.985	ug/L # 79
59) 1,2,3-Trichloropropane	13.56	75	13514	4.722	ug/L 89

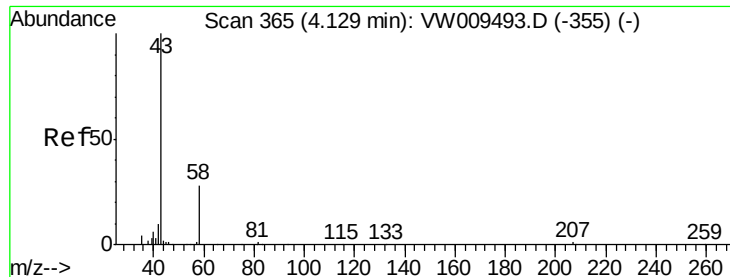
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 28 04:55:04 2019
Response via : Initial Calibration





#13

Acetone

Concen: 87.038 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009507.D

Acq: 27 Mar 2019 17:07

Instrument :

MSVOA_W

ClientSampleId :

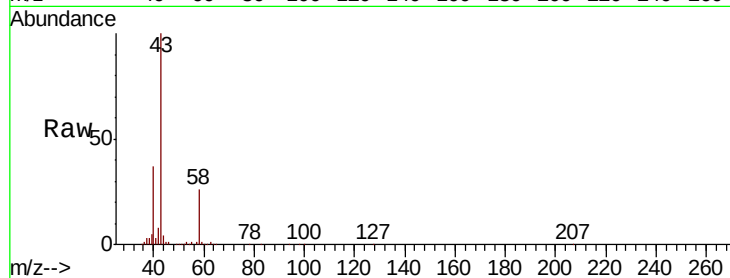
BF5L6RE

Tot Ion: 43 Resp: 103140

Ion Ratio Lower Upper

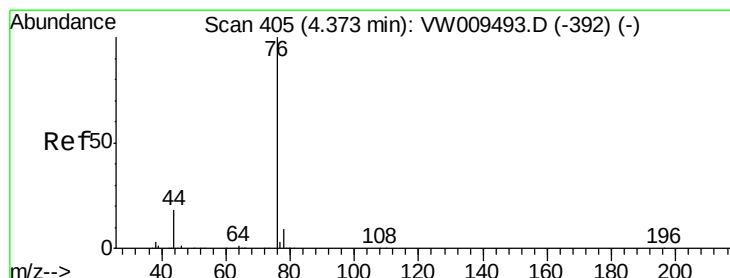
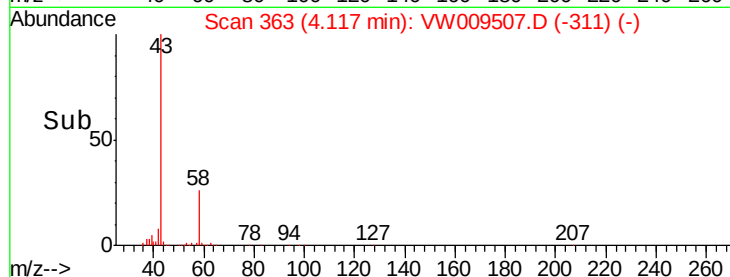
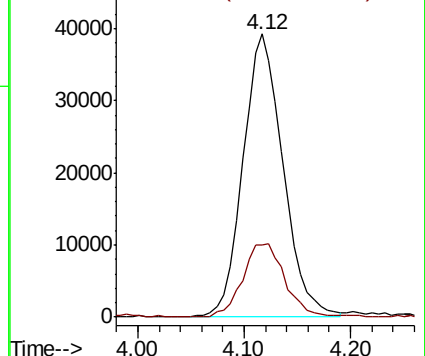
43 100

58 27.2 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.772 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW009507.D

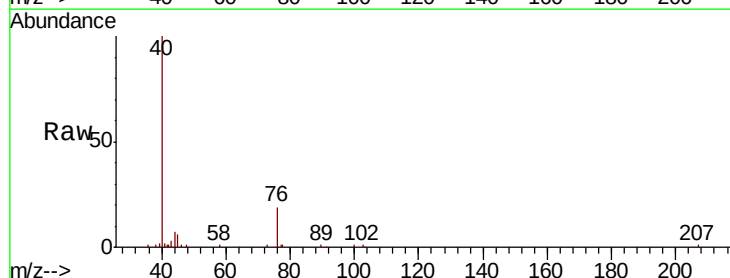
Acq: 27 Mar 2019 17:07

Tgt Ion: 76 Resp: 7484

Ion Ratio Lower Upper

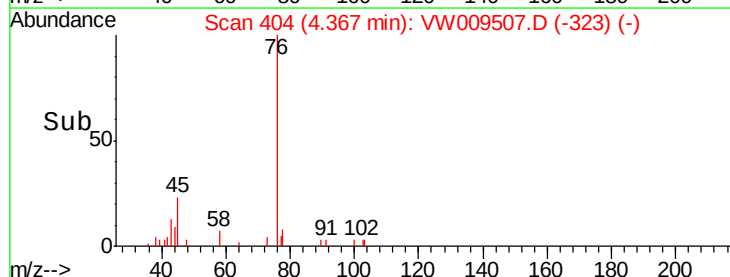
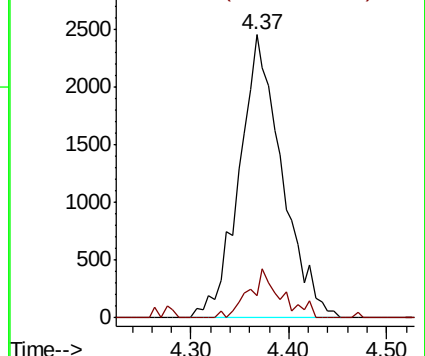
76 100

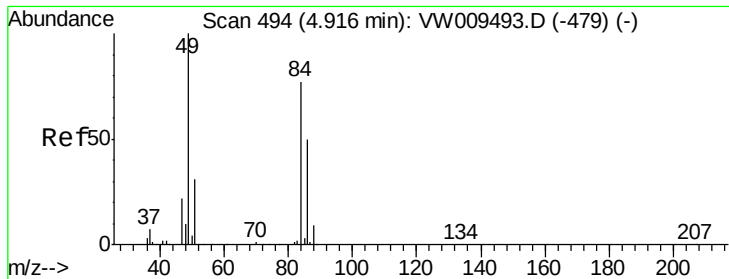
78 7.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

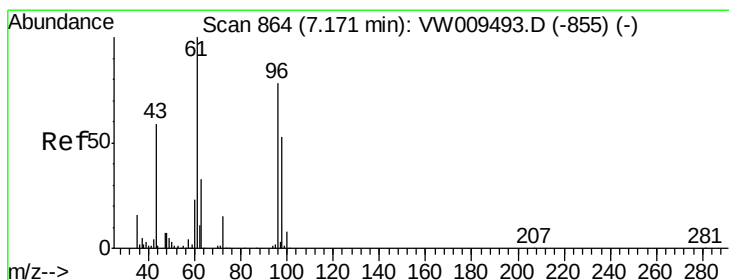
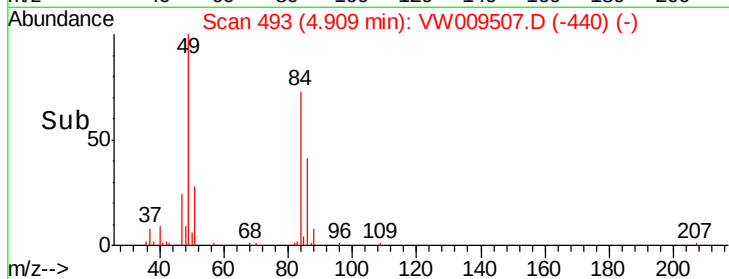
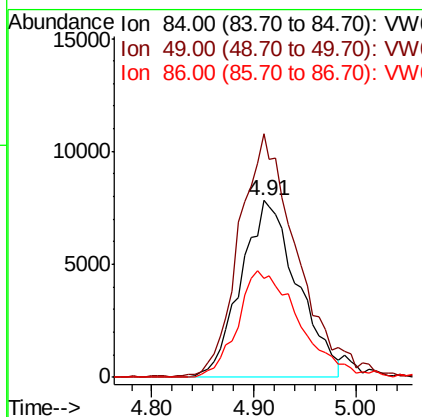
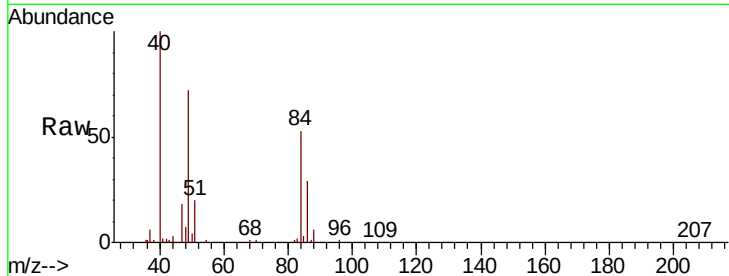




#16
Methylene chloride
Concen: 7.091 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009507.D
Acq: 27 Mar 2019 17:07

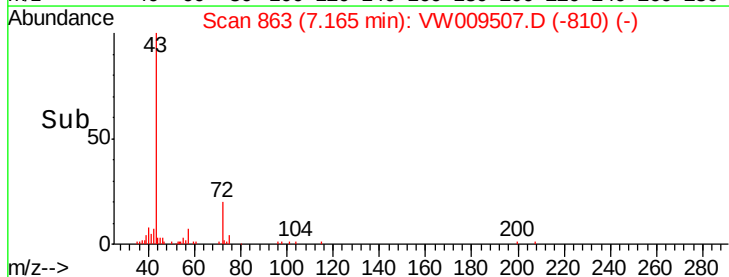
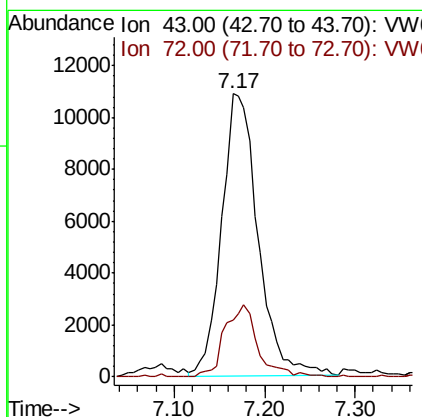
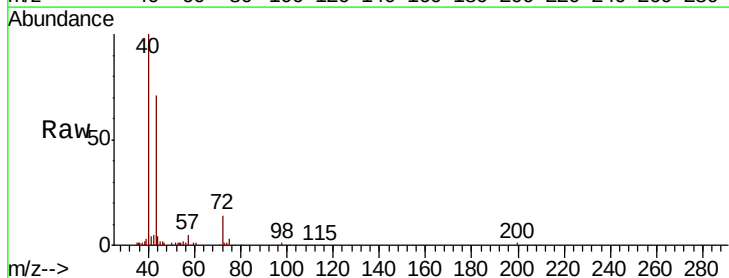
Instrument :
MSVOA_W
ClientSampleId :
BF5L6RE

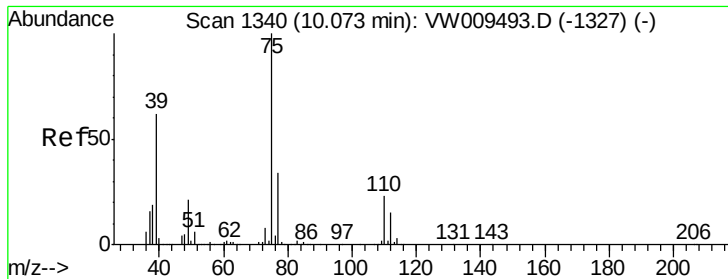
Tot Ion: 84 Resp: 30237
Ion Ratio Lower Upper
84 100
49 137.7 96.0 178.2
86 56.0 44.4 82.5



#21
2-Butanone
Concen: 18.561 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009507.D
Acq: 27 Mar 2019 17:07

Tgt Ion: 43 Resp: 30369
Ion Ratio Lower Upper
43 100
72 22.8 13.1 39.1





#42

cis-1,3-Dichloropropene

Concen: 0.568 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009507.D

Acq: 27 Mar 2019 17:07

Instrument :

MSVOA_W

ClientSampleId :

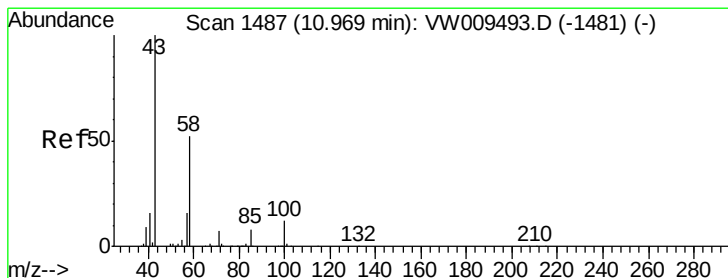
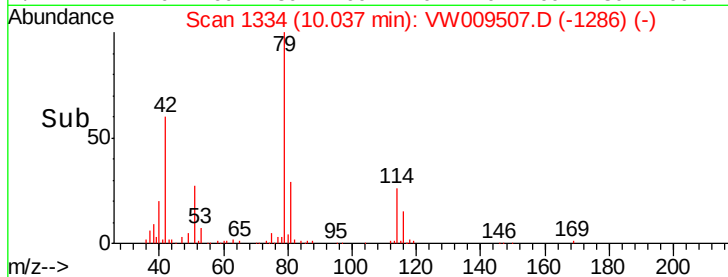
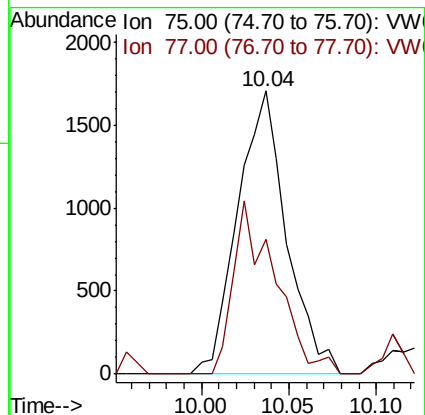
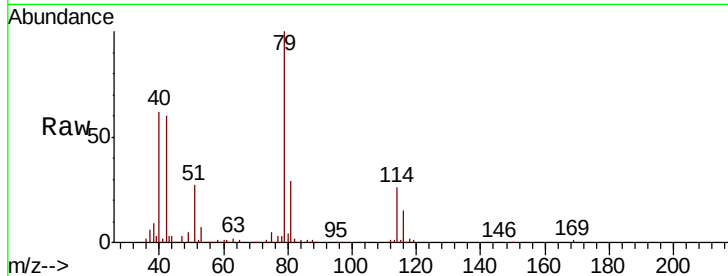
BF5L6RE

Tot Ion: 75 Resp: 3314

Ion Ratio Lower Upper

75 100

77 47.6 21.6 40.2#



#49

2-Hexanone

Concen: 2.985 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009507.D

Acq: 27 Mar 2019 17:07

Tgt Ion: 43 Resp: 6825

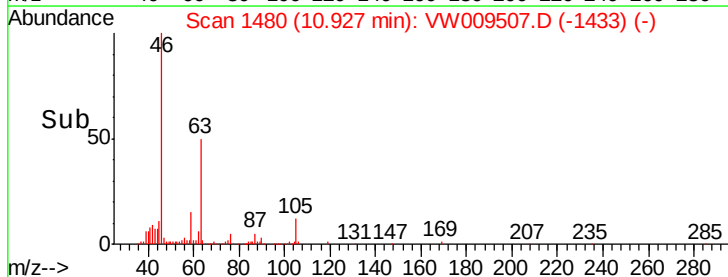
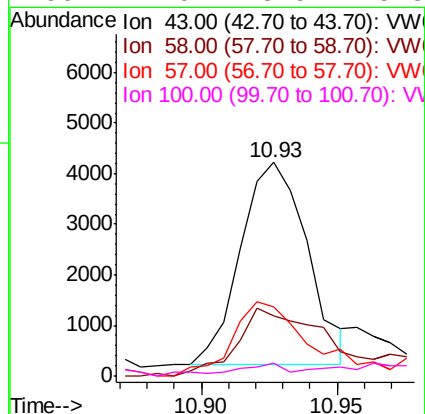
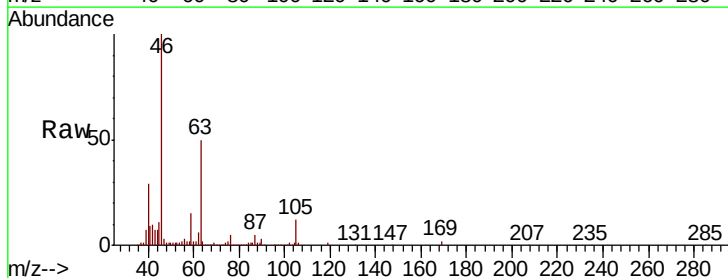
Ion Ratio Lower Upper

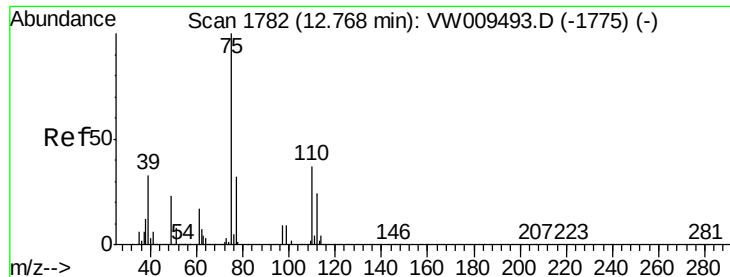
43 100

58 43.5 39.2 58.8

57 42.5 14.2 21.2#

100 4.0 8.9 13.3#





#59

1,2,3-Trichloropropane

Concen: 4.722 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009507.D

Acq: 27 Mar 2019 17:07

Instrument :

MSVOA_W

ClientSampleId :

BF5L6RE

Tot Ion: 75 Resp: 13514

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.2

