

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009585.D
 Acq On : 30 Mar 2019 12:53
 Operator : SY/VA
 Sample : K2128-19
 Misc : 5.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0Z9

Quant Time: Mar 30 21:19:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	422070	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	378675	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	135068	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135409	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.40%
7) Chloroethane-d5	2.89	69	135735	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.00%
10) 1,1-Dichloroethene-d2	4.01	63	211121	19.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.48%
20) 2-Butanone-d5	7.07	46	75961	36.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.84%
24) Chloroform-d	7.64	84	304280	26.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.68%
26) 1,2-Dichloroethane-d4	8.45	65	61	0.01	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	548651	26.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.08%
33) 1,2-Dichloropropane-d6	9.27	67	171509	27.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.36%
37) Toluene-d8	10.32	98	470543	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.48%
38) trans-1,3-Dichloropropene-	10.58	79	56231	17.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.40%
39) 2-Hexanone-d5	10.93	63	48337	31.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131715	21.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	130083	25.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.48%

Target Compounds

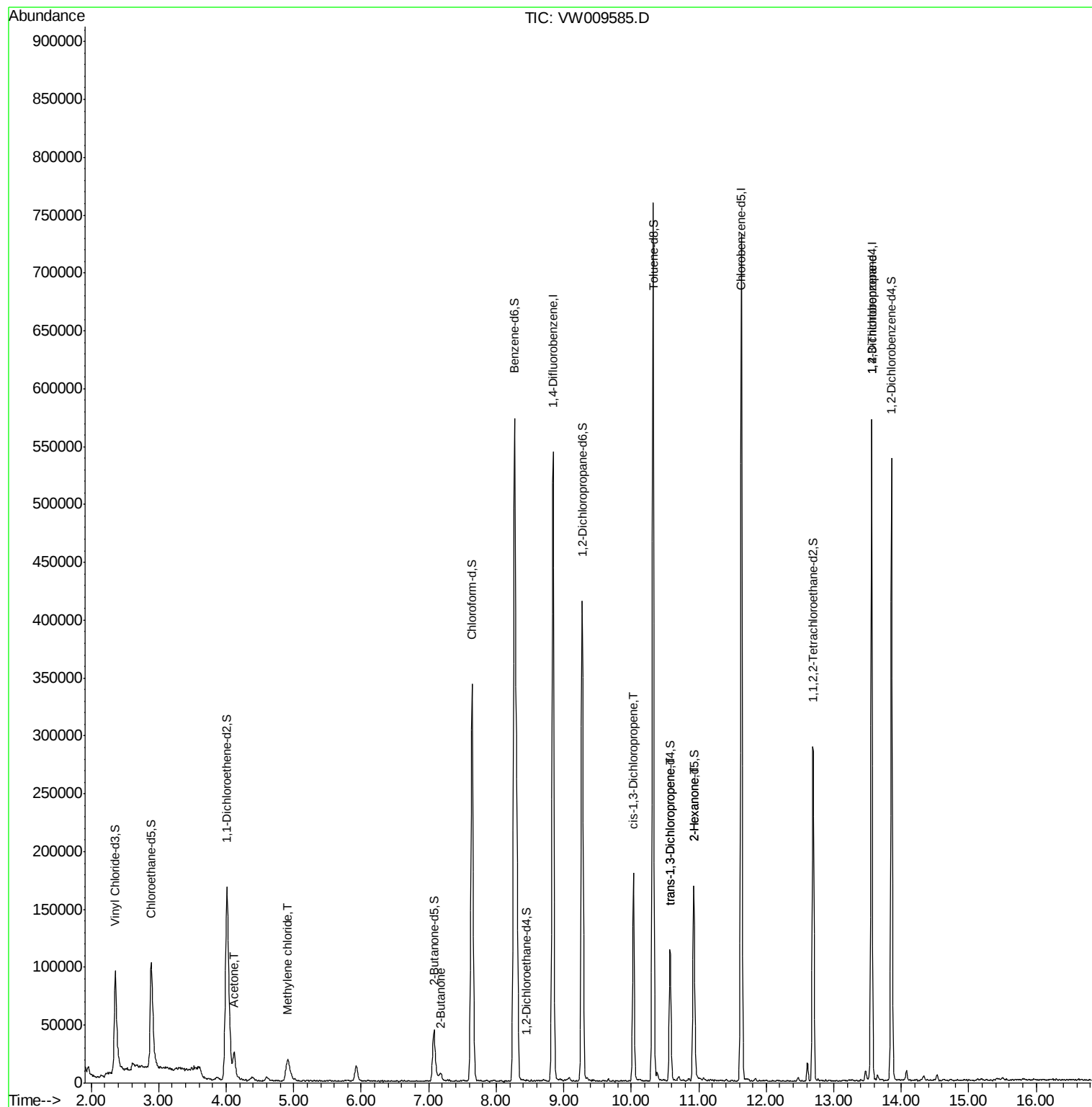
					Qvalue
13) Acetone	4.12	43	35603	20.814 ug/L	98
16) Methylene chloride	4.90	84	8237	1.338 ug/L	85
21) 2-Butanone	7.17	43	7330	3.104 ug/L	100
42) cis-1,3-Dichloropropene	10.04	75	4820	0.556 ug/L	86
45) trans-1,3-Dichloropropene	10.58	75	3129	0.415 ug/L	89
49) 2-Hexanone	10.93	43	10782	3.176 ug/L #	73
59) 1,2,3-Trichloropropane	13.56	75	18453	4.344 ug/L	95

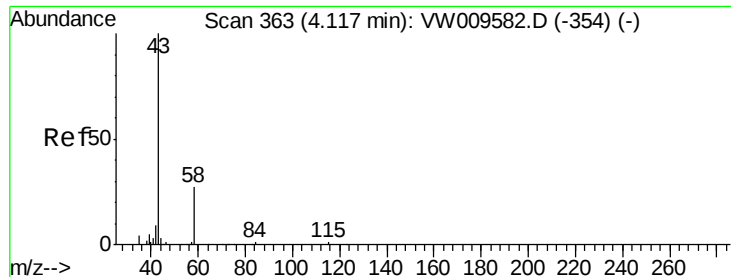
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 21:16:55 2019
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#13

Acetone

Concen: 20.814 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009585.D

Acq: 30 Mar 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

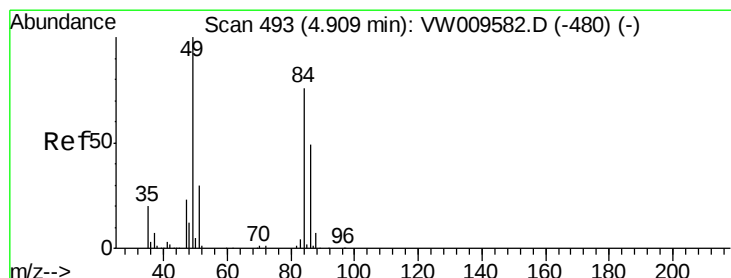
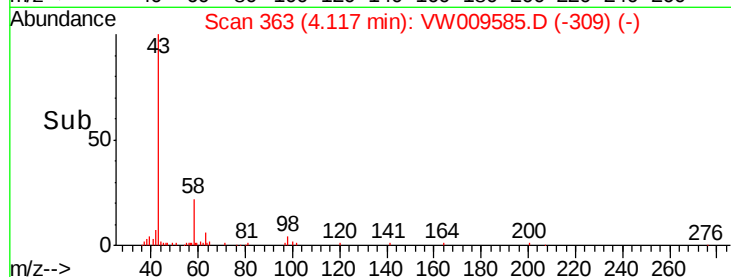
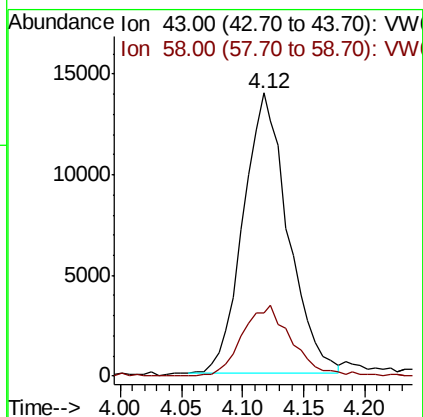
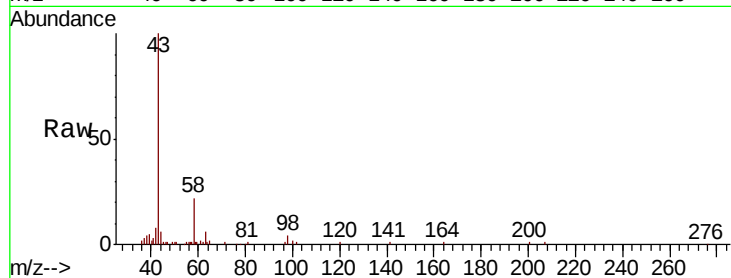
BF0Z9

Tgt Ion: 43 Resp: 35603

Ion Ratio Lower Upper

43 100

58 26.8 0.0 56.2



#16

Methylene chloride

Concen: 1.338 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009585.D

Acq: 30 Mar 2019 12:53

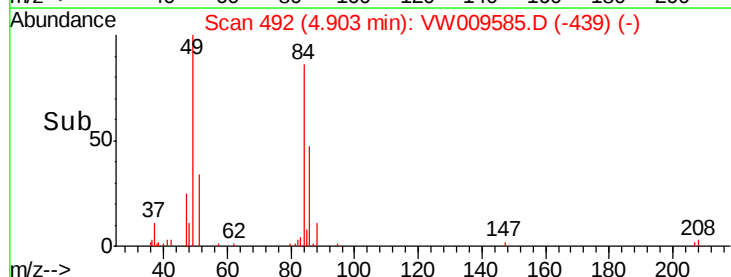
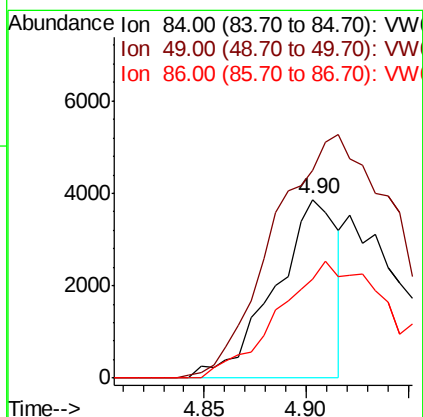
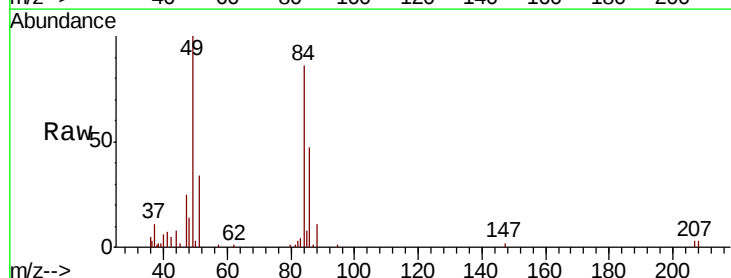
Tgt Ion: 84 Resp: 8237

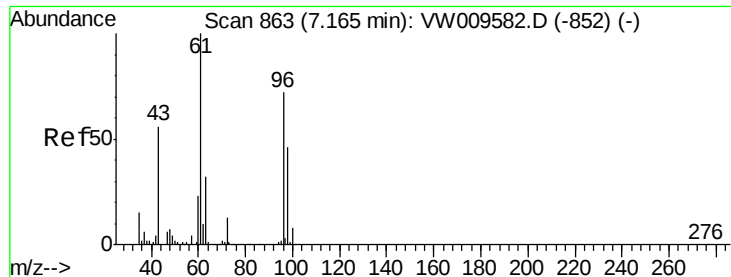
Ion Ratio Lower Upper

84 100

49 116.3 96.0 178.2

86 55.2 44.4 82.5





#21

2-Butanone

Concen: 3.104 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW009585.D

Acq: 30 Mar 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

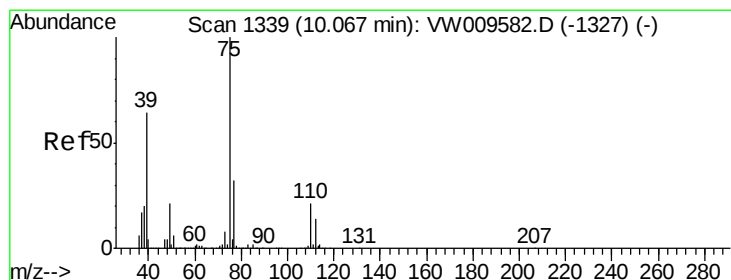
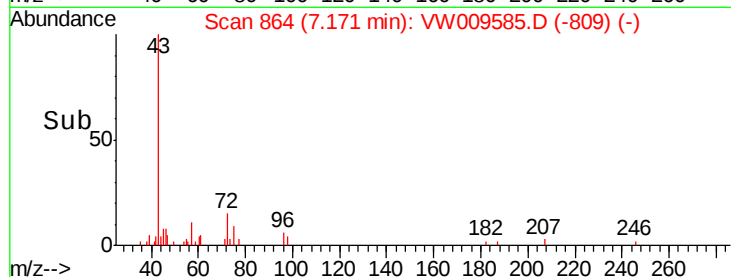
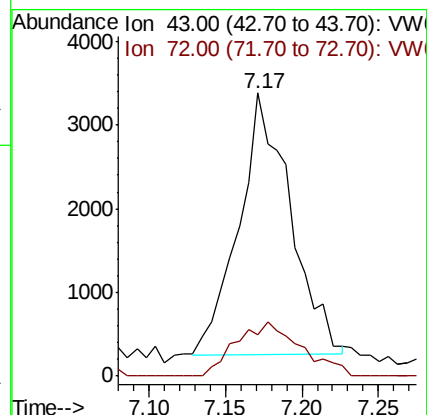
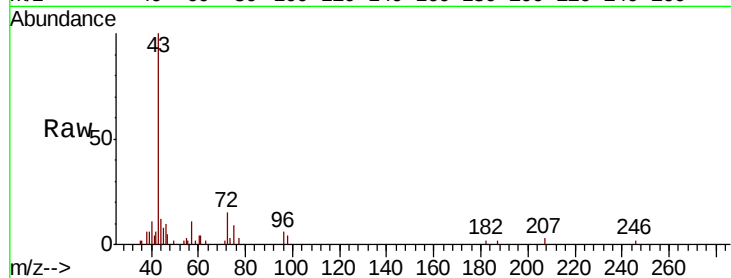
BF0Z9

Tgt Ion: 43 Resp: 7330

Ion Ratio Lower Upper

43 100

72 26.1 13.1 39.1



#42

cis-1,3-Dichloropropene

Concen: 0.556 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW009585.D

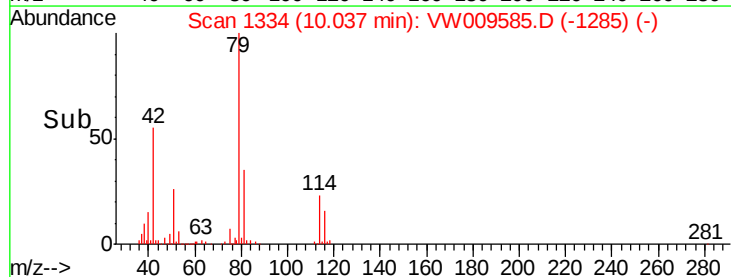
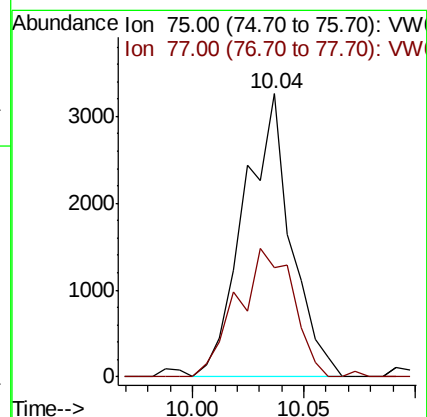
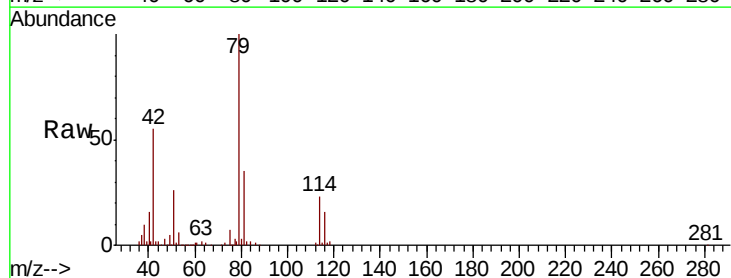
Acq: 30 Mar 2019 12:53

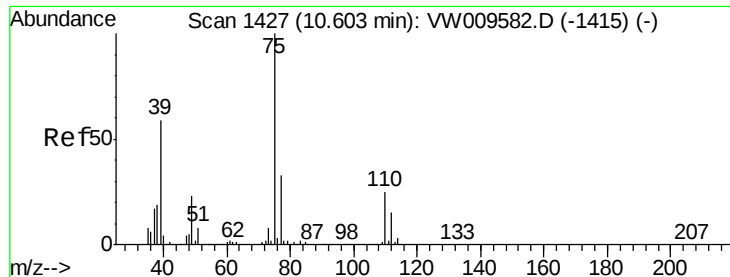
Tgt Ion: 75 Resp: 4820

Ion Ratio Lower Upper

75 100

77 38.7 21.6 40.2





#45

trans-1,3-Dichloropropene

Concen: 0.415 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009585.D

Acq: 30 Mar 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

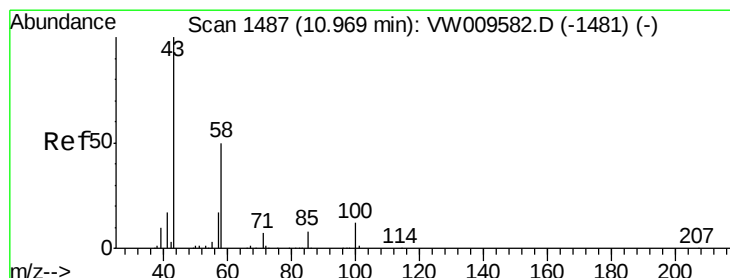
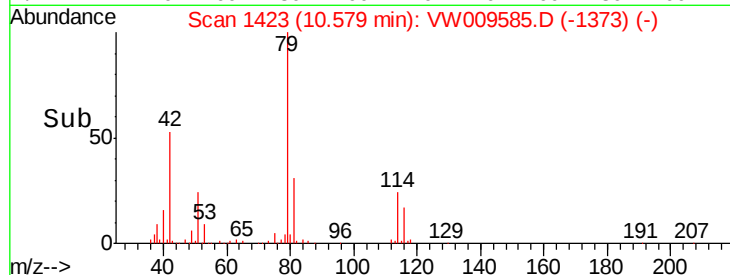
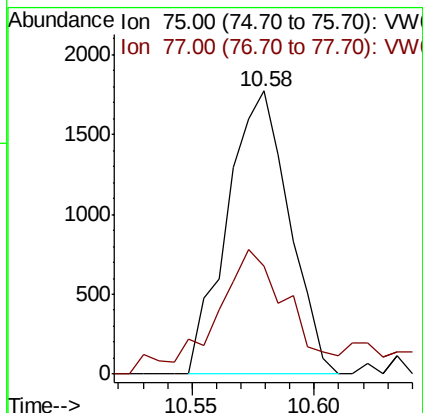
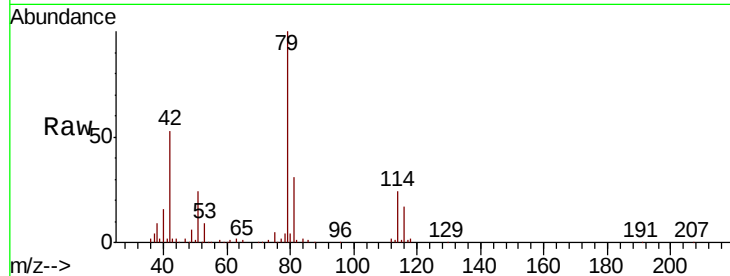
BF0Z9

Tgt Ion: 75 Resp: 3129

Ion Ratio Lower Upper

75 100

77 38.1 22.5 41.7



#49

2-Hexanone

Concen: 3.176 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW009585.D

Acq: 30 Mar 2019 12:53

Tgt Ion: 43 Resp: 10782

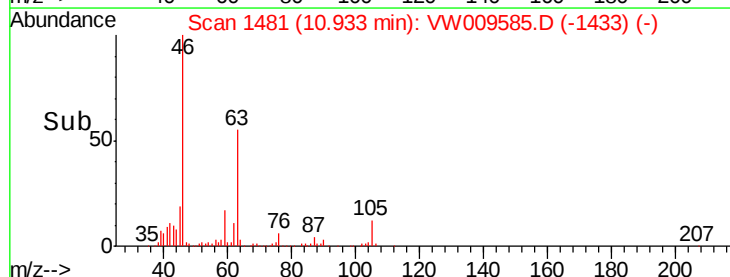
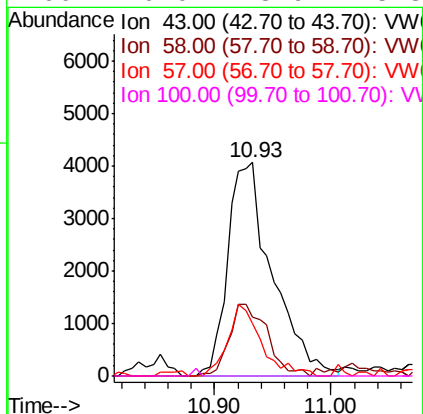
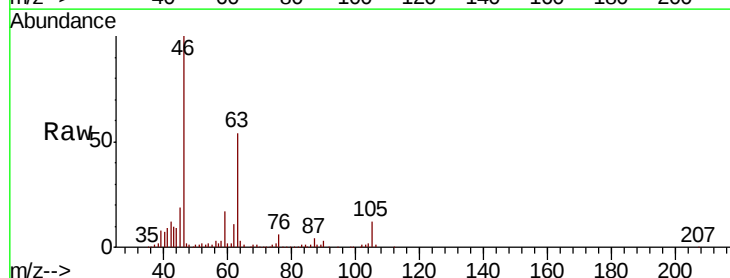
Ion Ratio Lower Upper

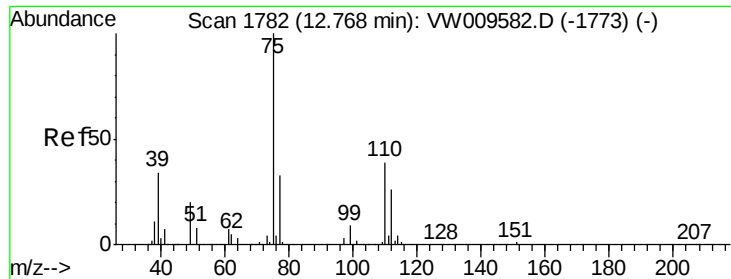
43 100

58 28.2 39.2 58.8#

57 24.5 14.2 21.2#

100 0.0 8.9 13.3#





#59

1,2,3-Trichloropropane

Concen: 4.344 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009585.D

Acq: 30 Mar 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

BF0Z9

Tgt Ion: 75 Resp: 18453

Ion Ratio Lower Upper

75 100

77 35.4 26.2 39.2

