

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009481.D
 Acq On : 26 Mar 2019 23:38
 Operator : SY/VA
 Sample : K2065-15
 Misc : 5.28G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 08:08:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	249356	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	211693	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	73345	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	55634	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.68%
7) Chloroethane-d5	2.89	69	62040	17.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.16%
10) 1,1-Dichloroethene-d2	4.01	63	92654	14.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.56%
20) 2-Butanone-d5	7.08	46	30999	25.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.32%
24) Chloroform-d	7.65	84	163154	23.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	8.31	65	106783	26.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.20%
29) Benzene-d6	8.27	84	265029	22.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.80%
33) 1,2-Dichloropropane-d6	9.27	67	93326	26.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.48%
37) Toluene-d8	10.32	98	202288	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.96%
38) trans-1,3-Dichloropropene-	10.58	79	23623	13.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	53.64%
39) 2-Hexanone-d5	10.92	63	22687	26.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95229	27.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	59019	20.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.92%

Target Compounds

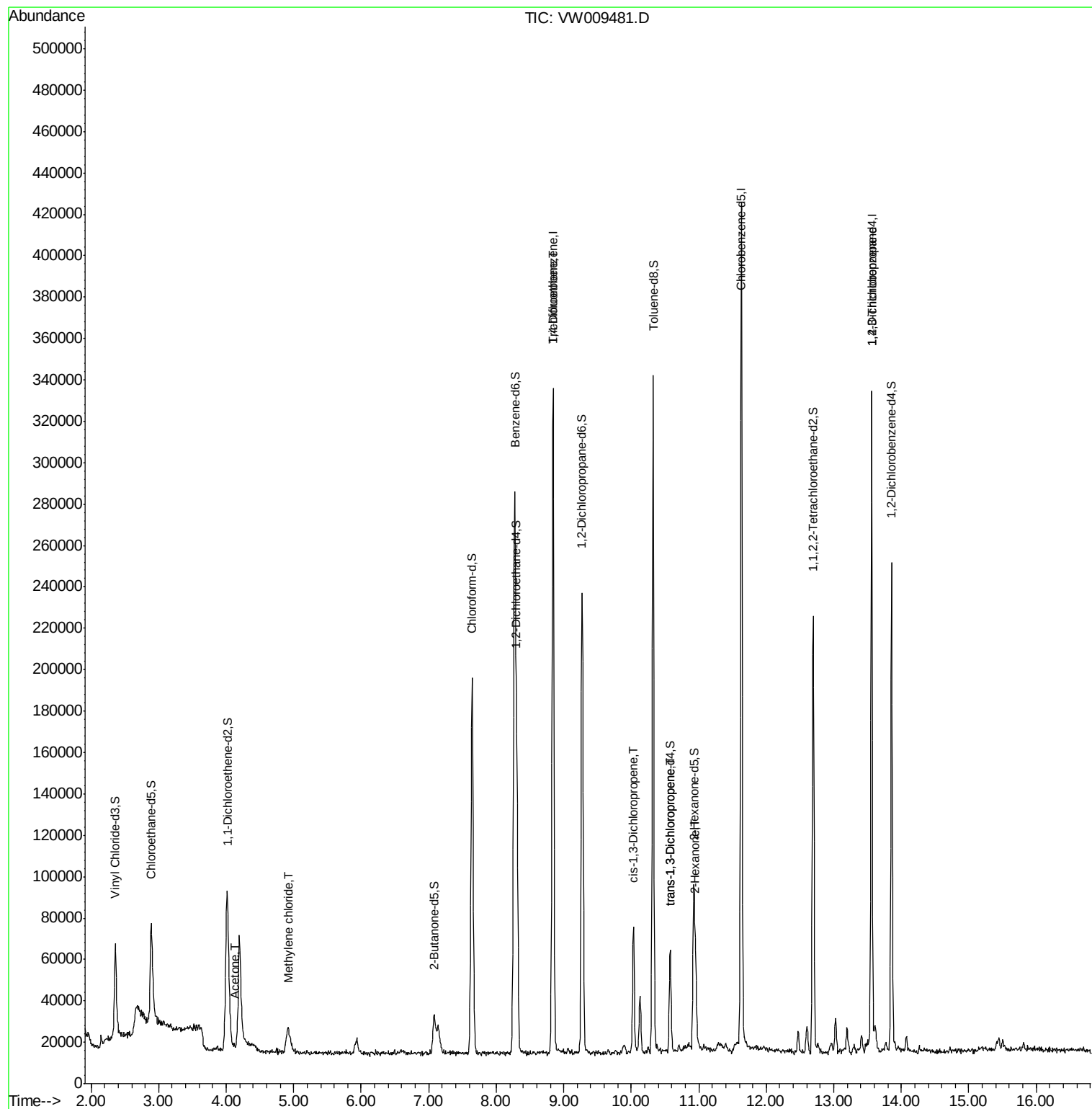
					Ovalue
13) Acetone	4.12	43	1717	1.699 ug/L	88
16) Methylene chloride	4.91	84	5990	1.647 ug/L	94
35) Trichloroethene	8.84	95	8363	2.709 ug/L #	4
42) cis-1,3-Dichloropropene	10.03	75	2009	0.415 ug/L	89
45) trans-1,3-Dichloropropene	10.58	75	1605	0.381 ug/L	92
49) 2-Hexanone	10.95	43	28136	14.827 ug/L #	49
59) 1,2,3-Trichloropropane	13.55	75	10231	4.308 ug/L	95

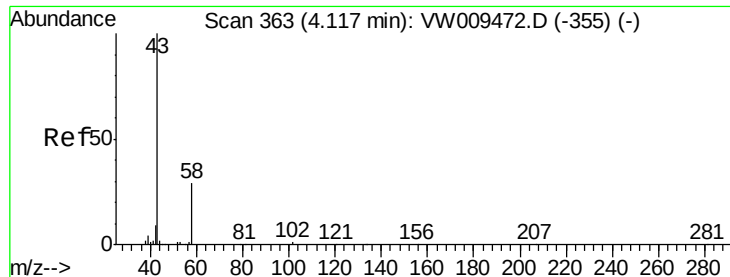
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 08:01:36 2019
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#13

Acetone

Concen: 1.699 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009481.D

Acq: 26 Mar 2019 23:38

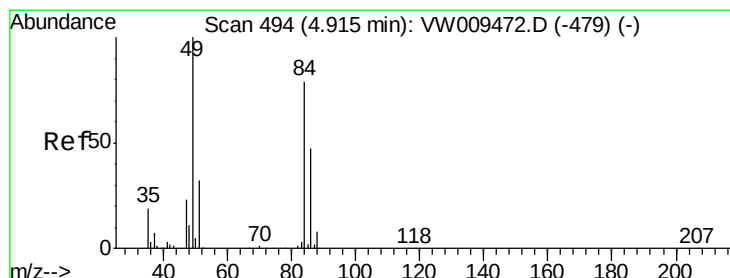
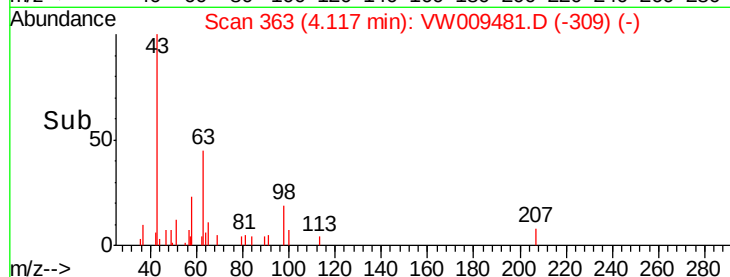
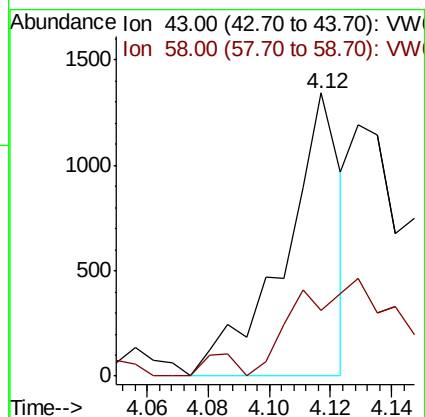
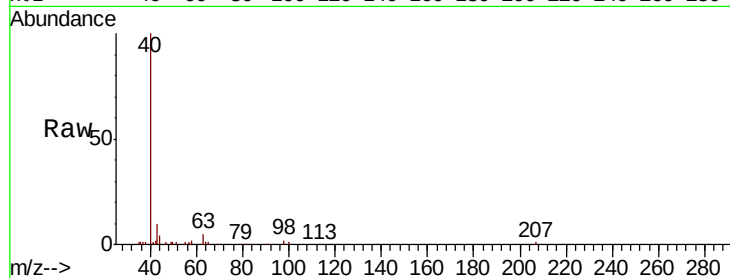
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1717

Ion Ratio Lower Upper

43 100

58 22.0 0.0 56.2



#16

Methylene chloride

Concen: 1.647 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009481.D

Acq: 26 Mar 2019 23:38

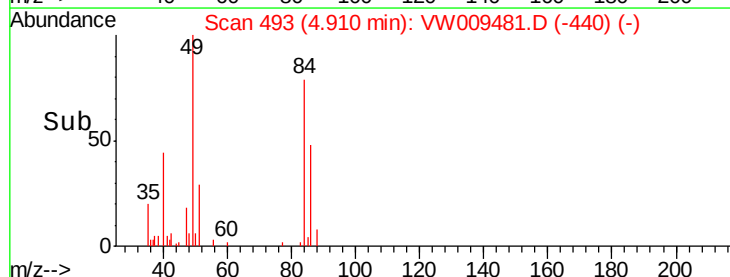
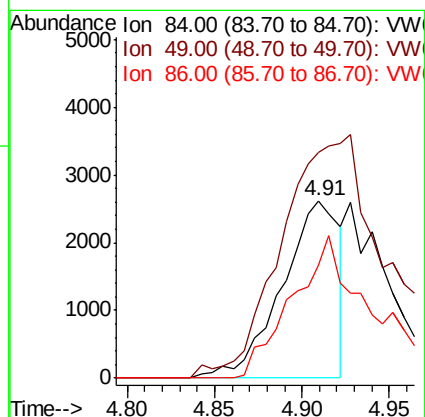
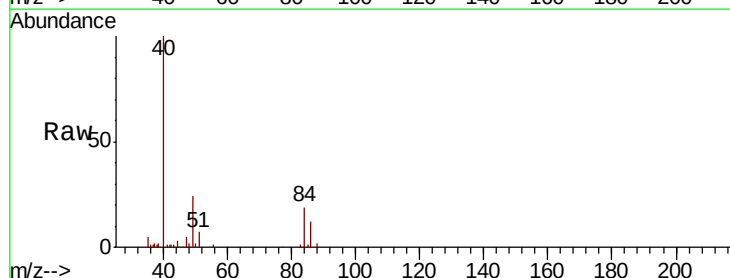
Tgt Ion: 84 Resp: 5990

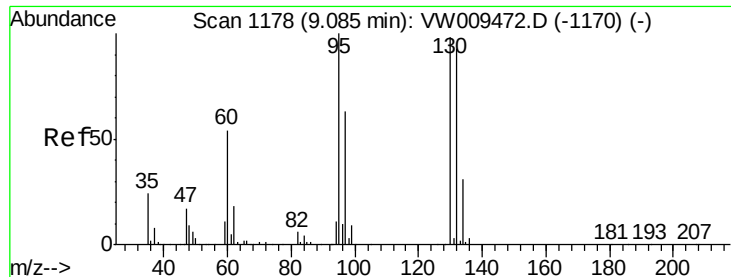
Ion Ratio Lower Upper

84 100

49 127.4 96.0 178.2

86 63.4 44.4 82.5





#35

Trichloroethene

Concen: 2.709 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW009481.D

Acq: 26 Mar 2019 23:38

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 8363

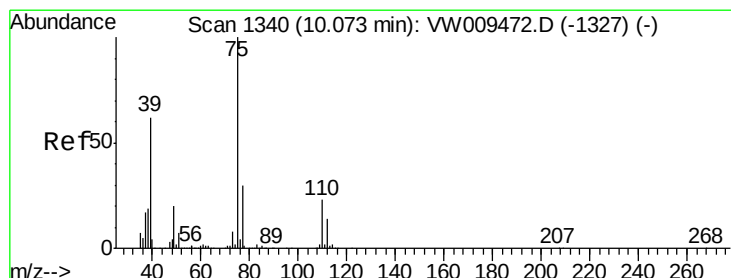
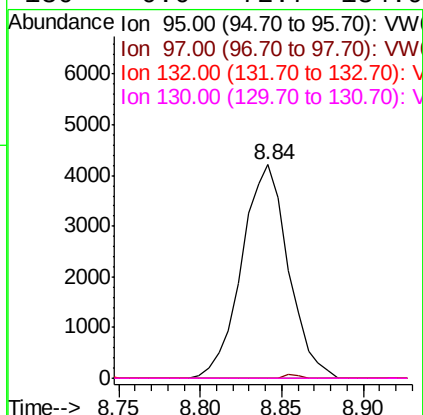
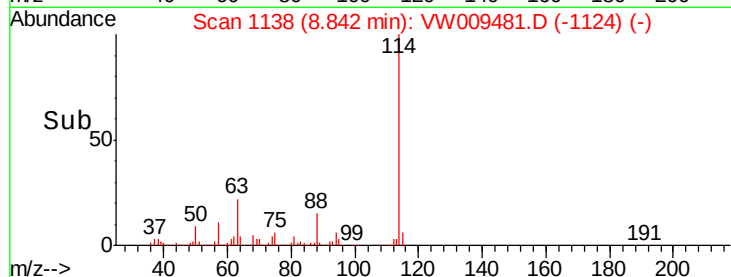
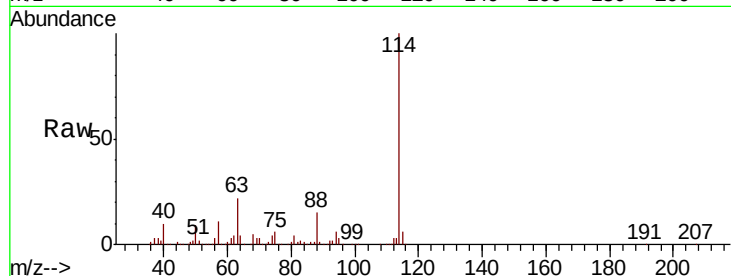
Ion Ratio Lower Upper

95 100

97 0.6 44.7 82.9#

132 0.0 69.0 128.2#

130 0.0 72.7 134.9#



#42

cis-1,3-Dichloropropene

Concen: 0.415 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009481.D

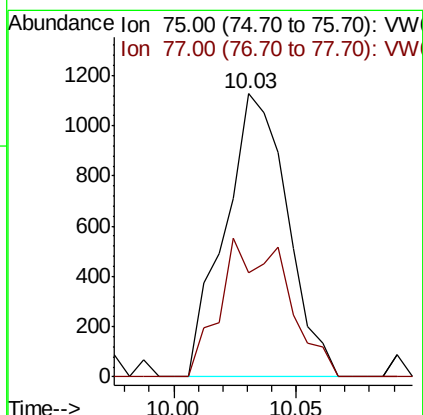
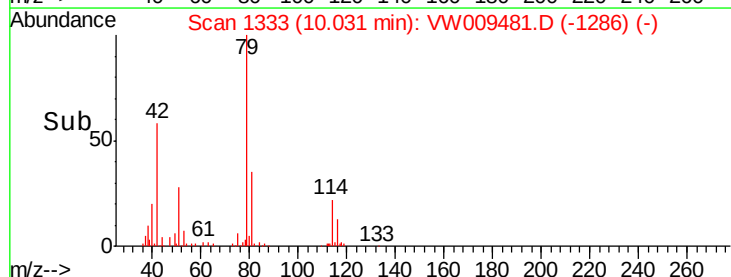
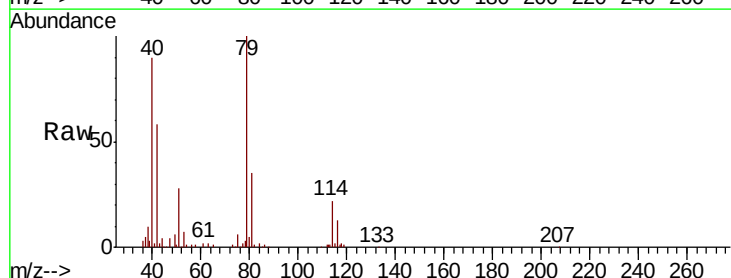
Acq: 26 Mar 2019 23:38

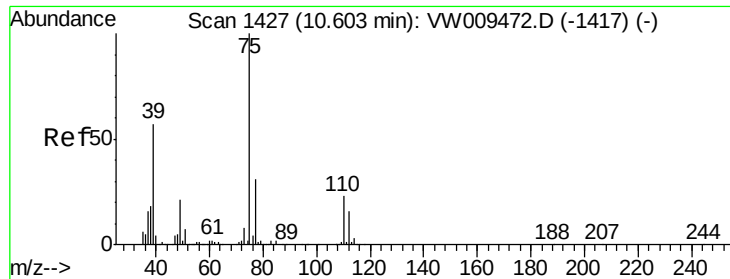
Tgt Ion: 75 Resp: 2009

Ion Ratio Lower Upper

75 100

77 36.7 21.6 40.2





#45

trans-1,3-Dichloropropene

Concen: 0.381 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009481.D

Acq: 26 Mar 2019 23:38

Instrument :

MSVOA_W

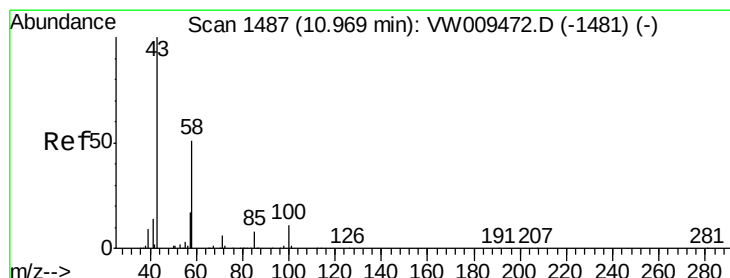
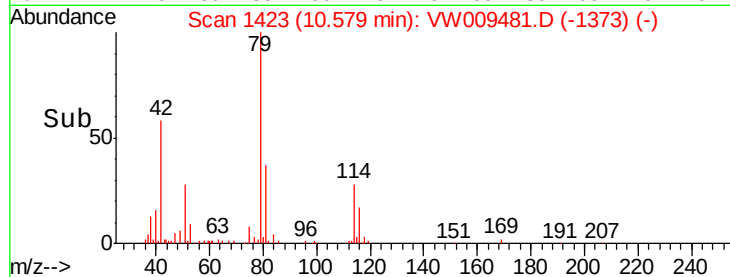
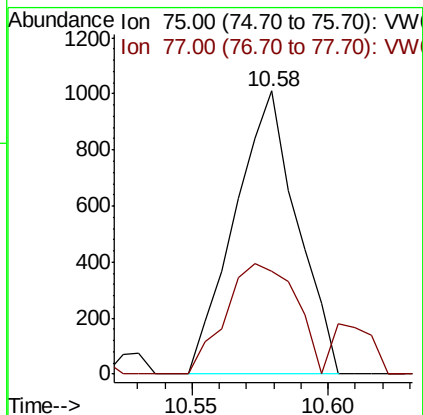
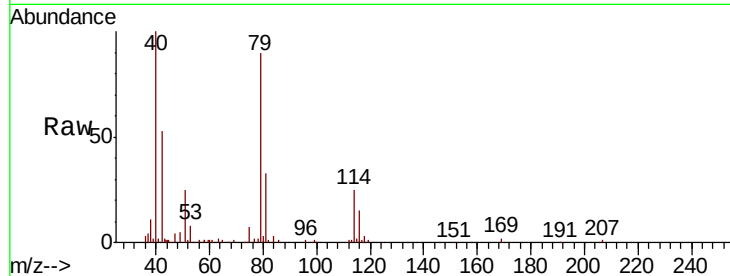
ClientSampleId :

Tot Ion: 75 Resp: 1605

Ion Ratio Lower Upper

75 100

77 36.5 22.5 41.7



#49

2-Hexanone

Concen: 14.827 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009481.D

Acq: 26 Mar 2019 23:38

Tgt Ion: 43 Resp: 28136

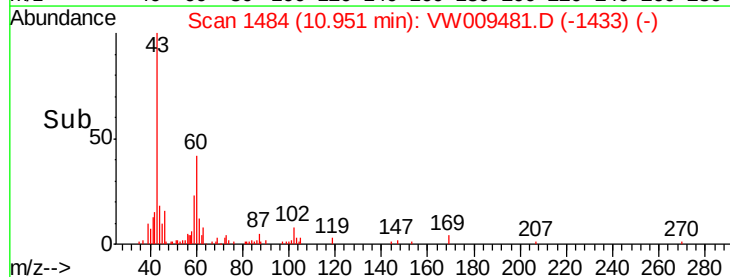
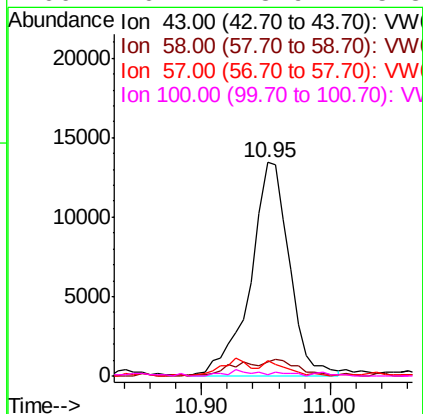
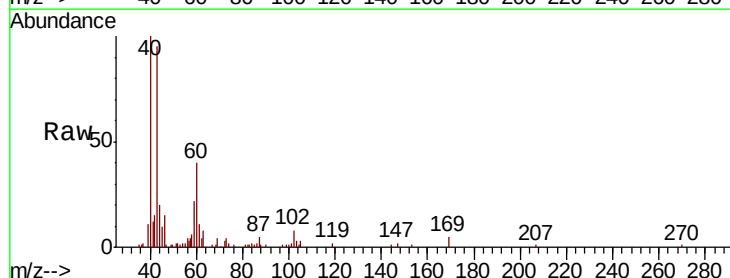
Ion Ratio Lower Upper

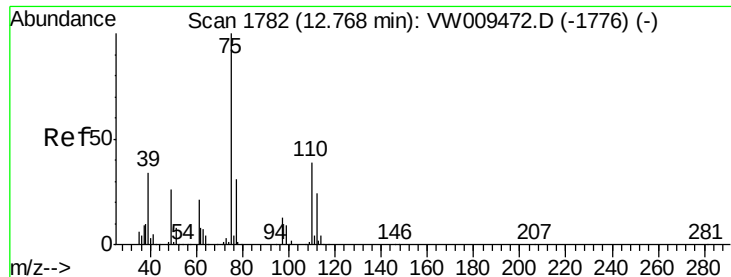
43 100

58 6.3 39.2 58.8#

57 3.8 14.2 21.2#

100 0.7 8.9 13.3#





#59

1,2,3-Trichloropropane

Concen: 4.308 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW009481.D

Acq: 26 Mar 2019 23:38

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 10231

Ion Ratio Lower Upper

75 100

77 35.5 26.2 39.2

