

Data File : VW010943.D
Acq On : 24 Jun 2019 21:16
Operator : SY/VA
Sample : K3456-09
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANX9

Quant Time: Jun 25 02:50:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 02:43:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	98595	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	139026	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	62363	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	4535	3.55	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	14.20%#
7) Chloroethane-d5	2.89	69	8856	8.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	35.96%
10) 1,1-Dichloroethene-d2	4.02	63	12422	4.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	16.44%#
20) 2-Butanone-d5	7.06	46	170	0.28	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.56%#
24) Chloroform-d	7.65	84	87097	32.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	131.04%
26) 1,2-Dichloroethane-d4	8.31	65	100028	60.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	242.76%#
29) Benzene-d6	8.27	84	140681	16.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.40%
33) 1,2-Dichloropropane-d6	9.27	67	81609	29.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.36%
37) Toluene-d8	10.32	98	124810	16.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.28%
38) trans-1,3-Dichloropropene-	10.58	79	27586	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.40%
39) 2-Hexanone-d5	10.93	63	2112	3.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	6.82%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98683	43.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	173.64%#
61) 1,2-Dichlorobenzene-d4	13.86	152	69291	29.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.72%

Target Compounds

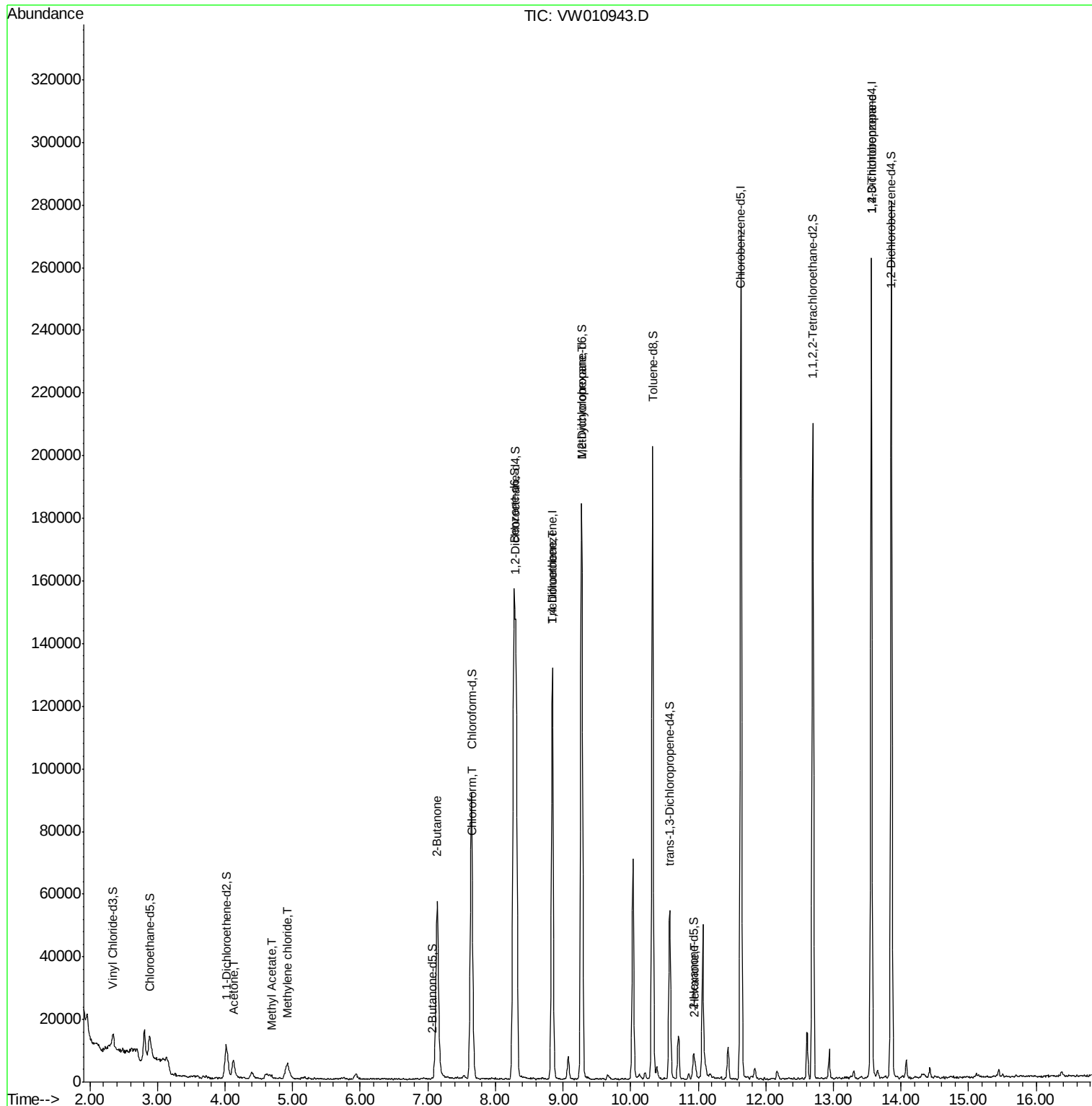
					Qvalue
13) Acetone	4.13	43	11966	20.820 ug/L	72
15) Methyl Acetate	4.68	43	2515	2.528 ug/L #	85
16) Methylene chloride	4.92	84	3855	2.640 ug/L	86
21) 2-Butanone	7.15	43	3856	5.102 ug/L #	66
25) Chloroform	7.66	83	2487	0.956 ug/L #	40
35) Trichloroethene	8.84	95	3166	1.367 ug/L #	7
36) Methylcyclohexane	9.27	83	18453	4.339 ug/L #	14
49) 2-Hexanone	10.95	43	2746	1.654 ug/L #	57
59) 1,2,3-Trichloropropane	13.56	75	8900	5.087 ug/L	90

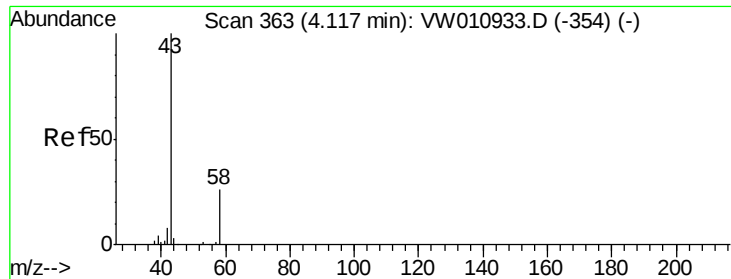
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.820 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010943.D

Acq: 24 Jun 2019 21:16

Instrument :

MSVOA_W

ClientSampleId :

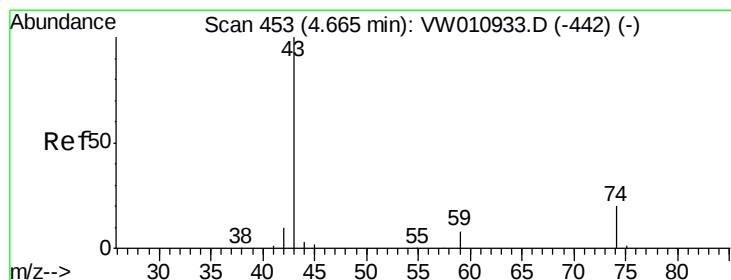
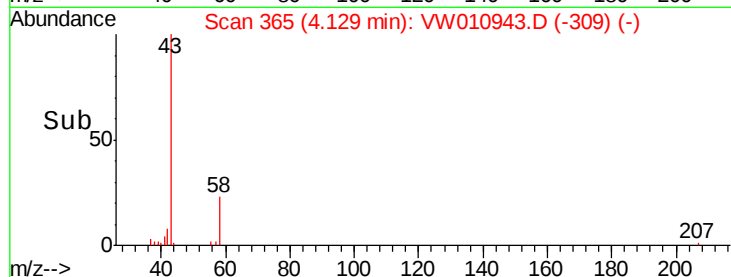
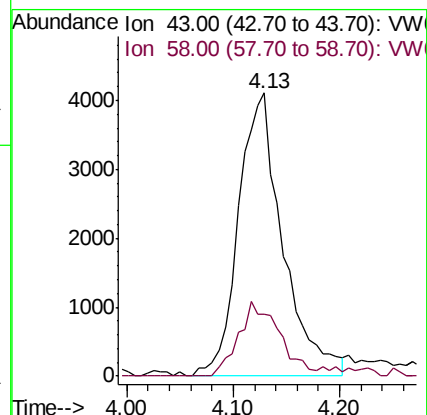
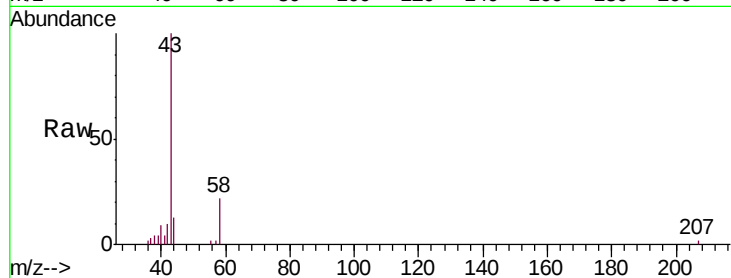
YANX9

Tgt Ion: 43 Resp: 11966

Ion Ratio Lower Upper

43 100

58 12.4 0.0 53.2



#15

Methyl Acetate

Concen: 2.528 ug/L

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW010943.D

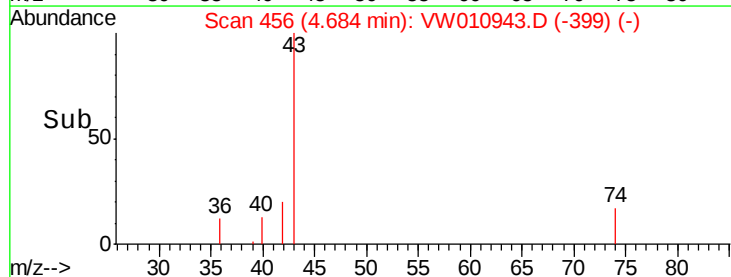
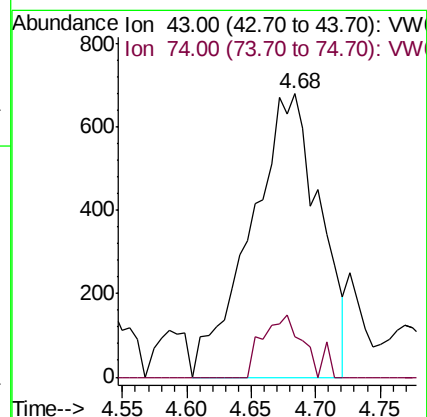
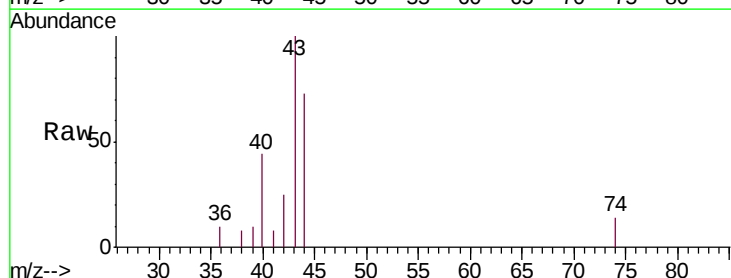
Acq: 24 Jun 2019 21:16

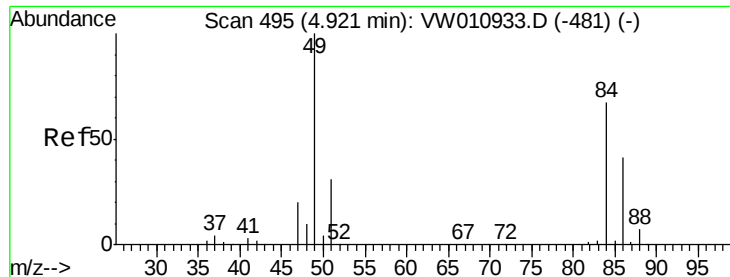
Tgt Ion: 43 Resp: 2515

Ion Ratio Lower Upper

43 100

74 12.3 15.3 22.9#

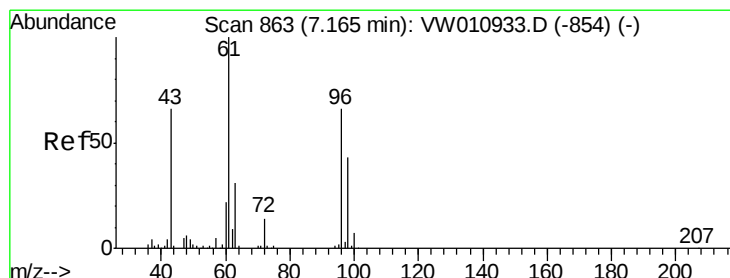
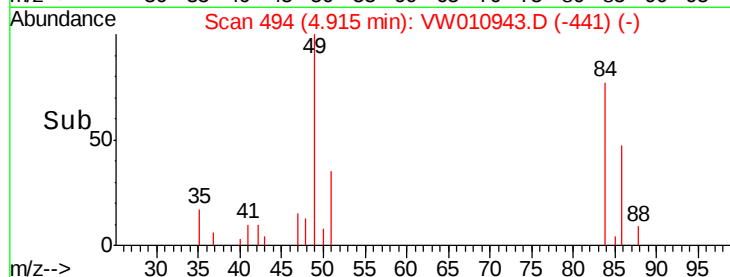
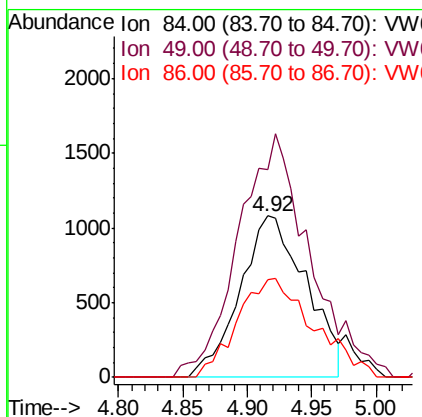
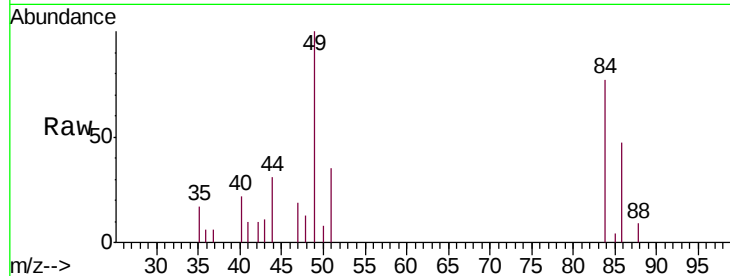




#16
Methylene chloride
Concen: 2.640 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW010943.D
Acq: 24 Jun 2019 21:16

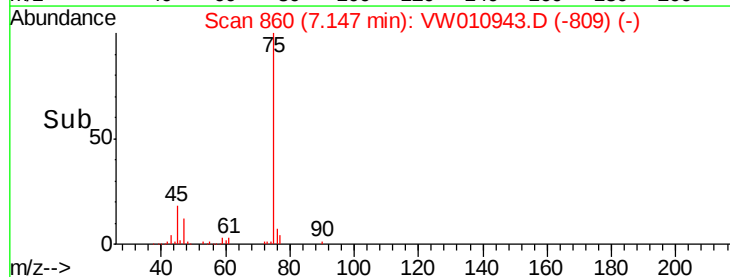
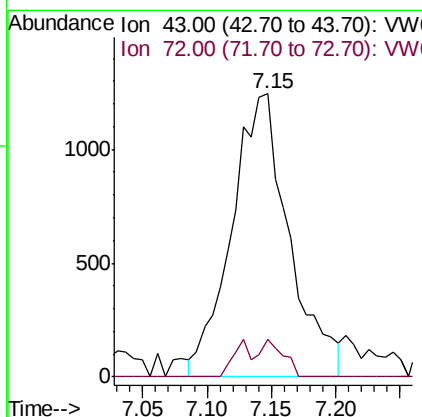
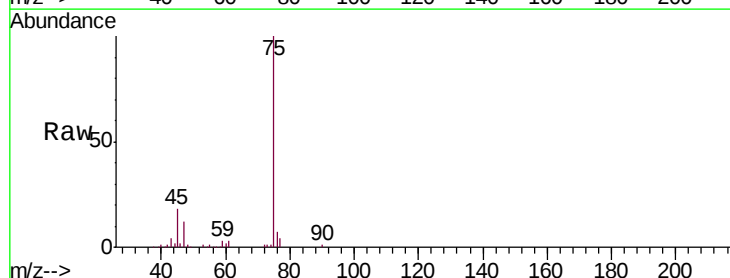
Instrument :
MSVOA_W
ClientSampled :
YANX9

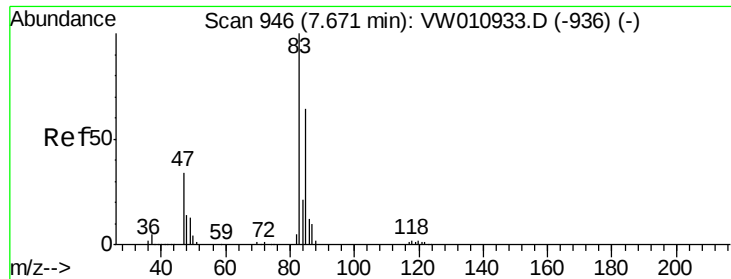
Tgt Ion: 84 Resp: 3855
Ion Ratio Lower Upper
84 100
49 129.1 107.0 198.8
86 60.9 44.4 82.5



#21
2-Butanone
Concen: 5.102 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW010943.D
Acq: 24 Jun 2019 21:16

Tgt Ion: 43 Resp: 3856
Ion Ratio Lower Upper
43 100
72 5.5 10.9 32.6#





#25

Chloroform

Concen: 0.956 ug/L

RT: 7.66 min Scan# 945

Delta R.T. -0.01 min

Lab File: VW010943.D

Acq: 24 Jun 2019 21:16

Instrument :

MSVOA_W

ClientSampled :

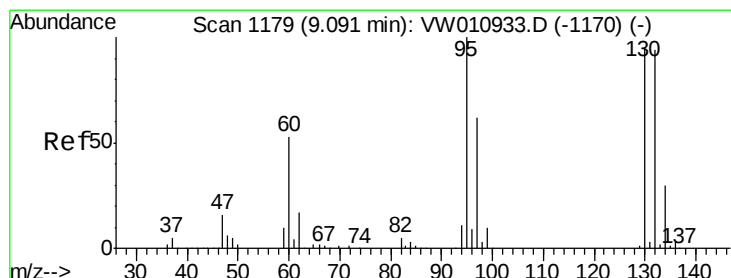
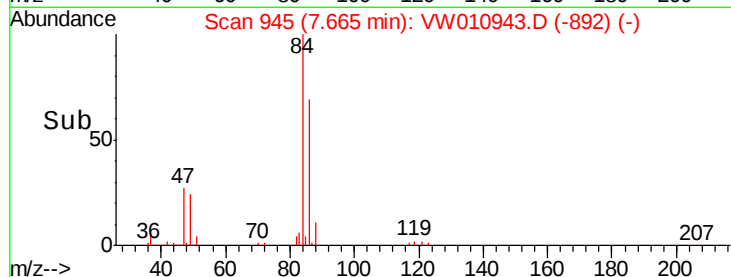
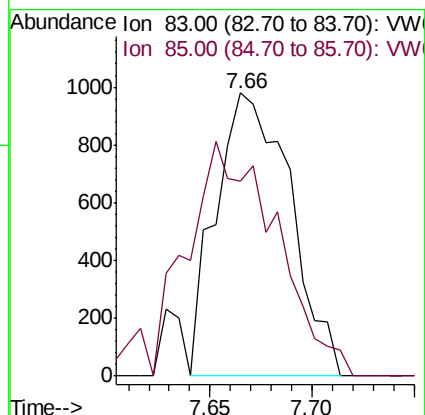
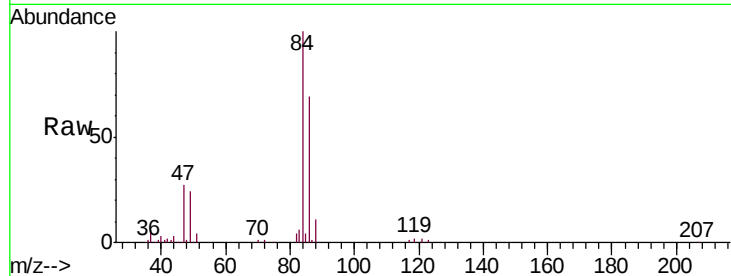
YANX9

Tgt Ion: 83 Resp: 2487

Ion Ratio Lower Upper

83 100

85 17.6 45.6 84.8#



#35

Trichloroethene

Concen: 1.367 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW010943.D

Acq: 24 Jun 2019 21:16

Tgt Ion: 95 Resp: 3166

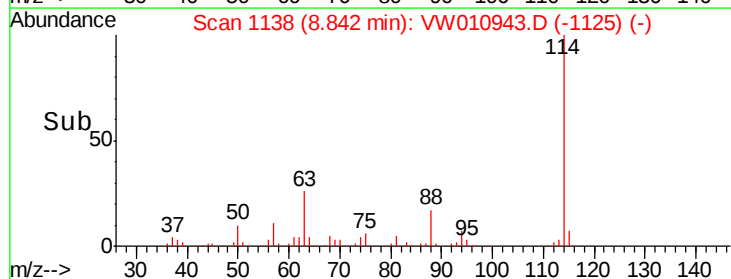
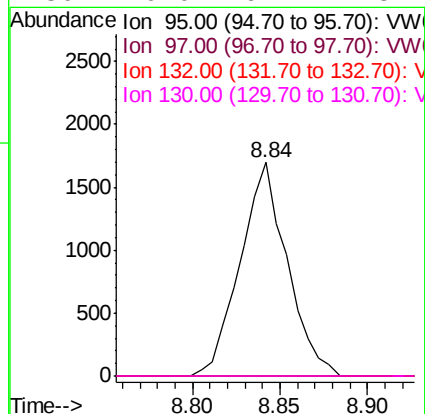
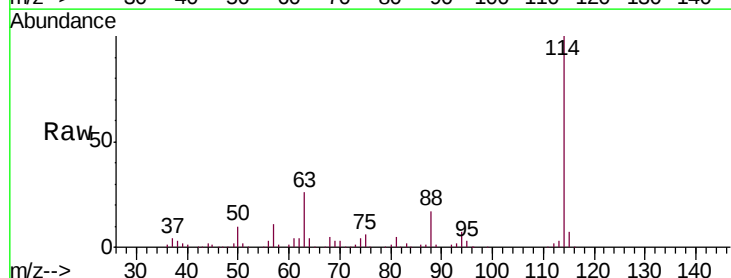
Ion Ratio Lower Upper

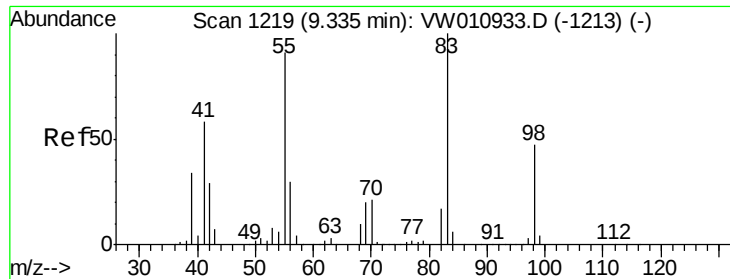
95 100

97 0.0 44.9 83.3#

132 0.0 64.0 119.0#

130 0.0 67.4 125.2#

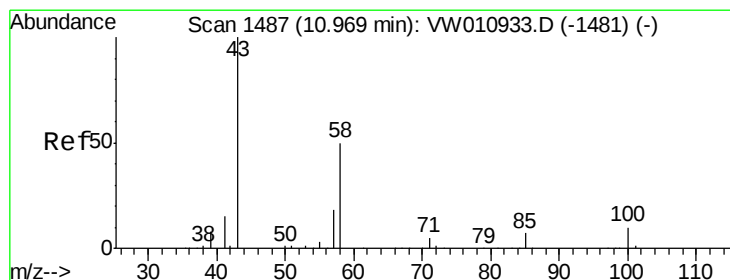
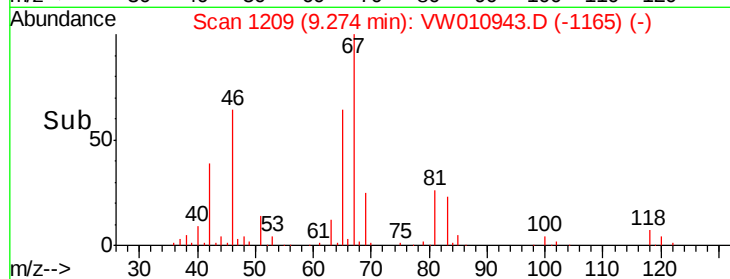
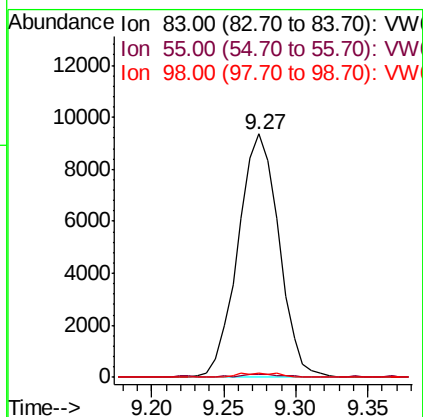
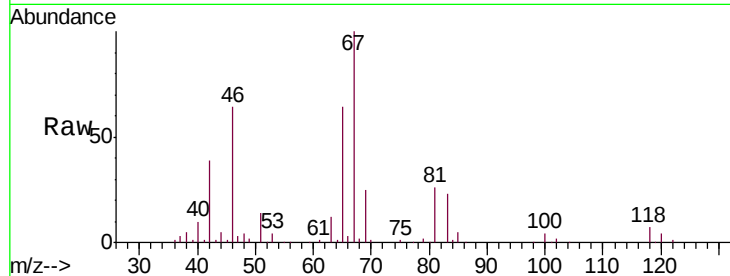




#36
Methylcyclohexane
Concen: 4.339 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010943.D
Acq: 24 Jun 2019 21:16

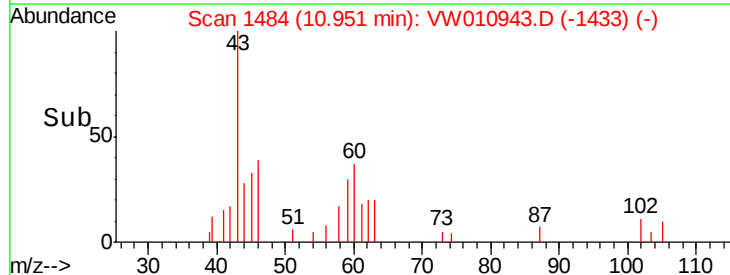
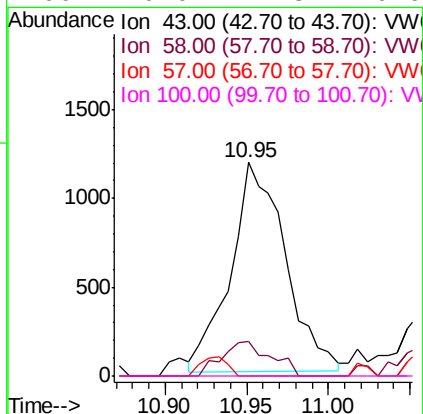
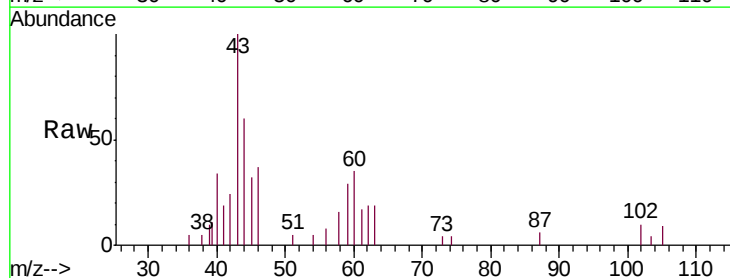
Instrument :
MSVOA_W
ClientSampled :
YANX9

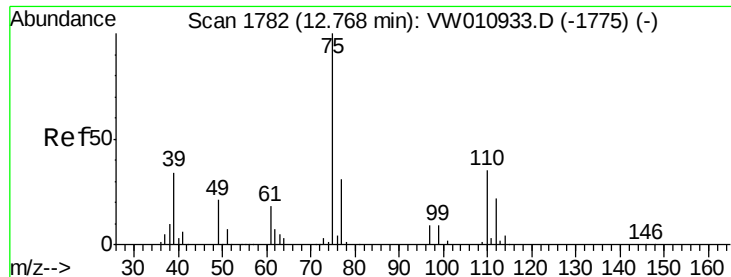
Tgt Ion: 83 Resp: 18453
Ion Ratio Lower Upper
83 100
55 1.3 72.2 108.2#
98 0.7 37.8 56.8#



#49
2-Hexanone
Concen: 1.654 ug/L
RT: 10.95 min Scan# 1484
Delta R.T. -0.02 min
Lab File: VW010943.D
Acq: 24 Jun 2019 21:16

Tgt Ion: 43 Resp: 2746
Ion Ratio Lower Upper
43 100
58 13.4 38.3 57.5#
57 4.5 13.8 20.8#
100 0.0 7.3 10.9#





#59

1,2,3-Trichloropropane

Concen: 5.087 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010943.D

Acq: 24 Jun 2019 21:16

Instrument :

MSVOA_W

ClientSampleId :

YANX9

Tgt Ion: 75 Resp: 8900

Ion Ratio Lower Upper

75 100

77 36.8 25.2 37.8

