

Data File : VW006454.D
Acq On : 29 Oct 2018 14:41
Operator : SY/AP
Sample : J5705-07
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40H5

Quant Time: Oct 30 04:57:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 04:53:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	355452	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	335830	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	164732	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	71245	17.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.08%
7) Chloroethane-d5	2.90	69	73391	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.08%
10) 1,1-Dichloroethene-d2	4.01	63	113152	14.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.80%
20) 2-Butanone-d5	7.08	46	64882	48.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.66%
24) Chloroform-d	7.65	84	192852	25.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	8.31	65	115948	27.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.88%
29) Benzene-d6	8.28	84	368226	24.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.60%
33) 1,2-Dichloropropane-d6	9.28	67	114215	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.28%
37) Toluene-d8	10.33	98	352978	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.60%
38) trans-1,3-Dichloropropene-	10.58	79	47558	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.08%
39) 2-Hexanone-d5	10.93	63	53598	48.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124729	27.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	150402	26.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.56%

Target Compounds

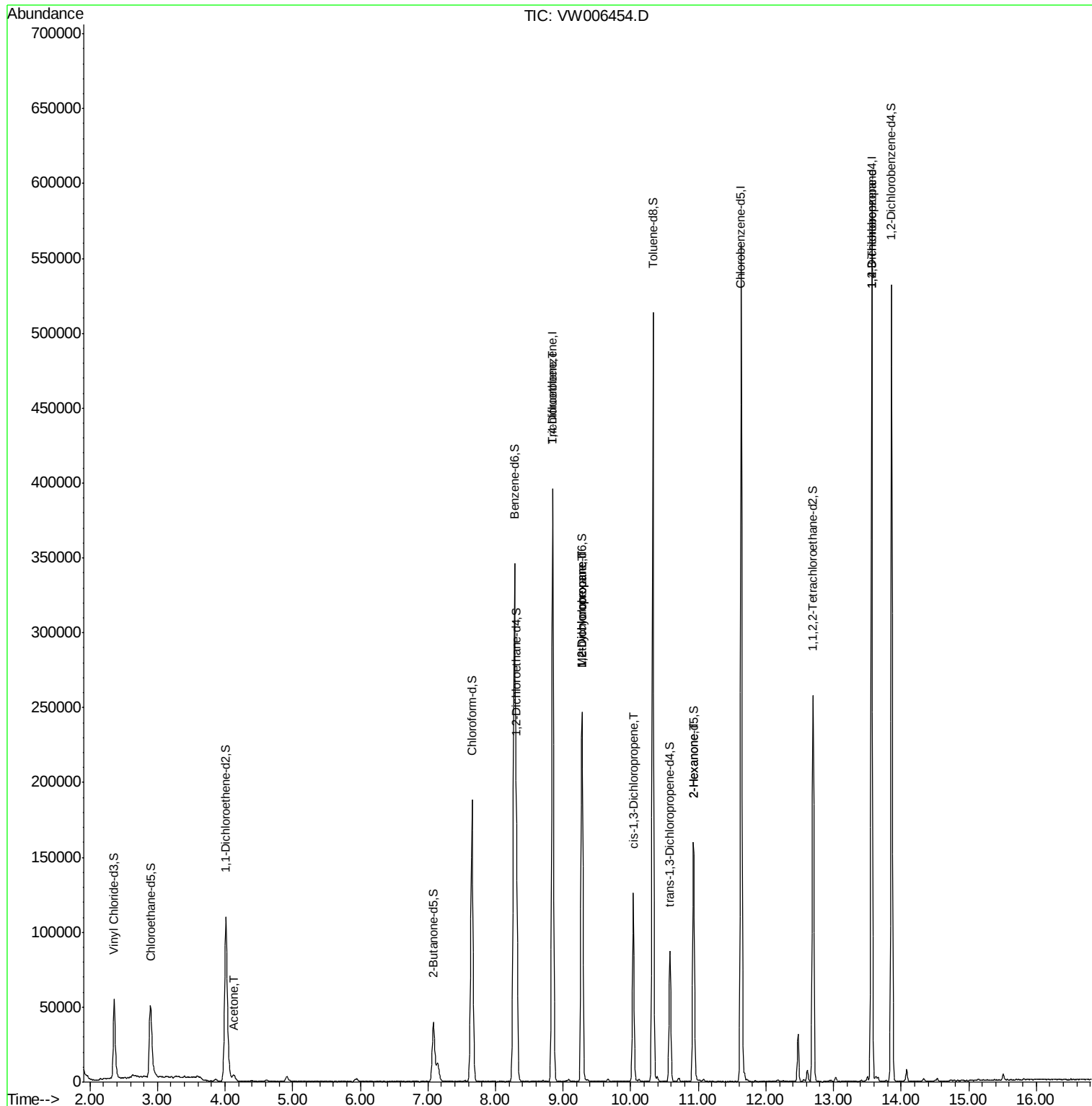
					Qvalue
13) Acetone	4.12	43	6152	4.583 ug/L	100
35) Trichloroethene	8.85	95	10194	2.102 ug/L #	2
36) Methylcyclohexane	9.28	83	29158	3.281 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	13127	3.069 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3257	0.466 ug/L #	69
49) 2-Hexanone	10.93	43	8839	3.500 ug/L #	66
59) 1,2,3-Trichloropropane	13.57	75	16335	4.731 ug/L	89

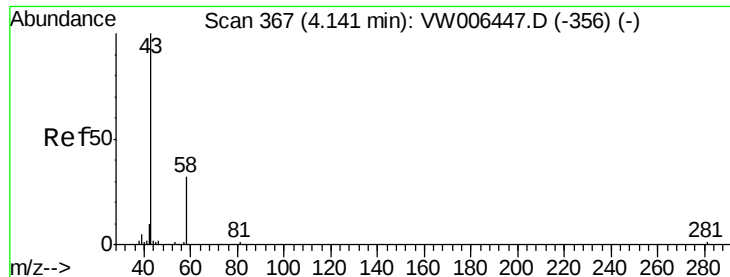
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.583 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

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MSVOA_W

ClientSampleId :

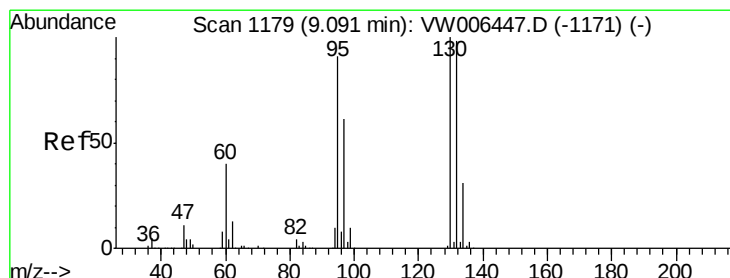
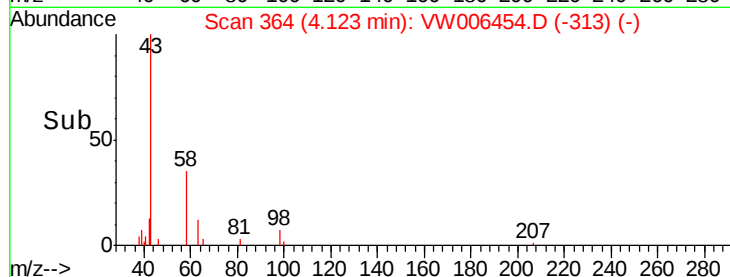
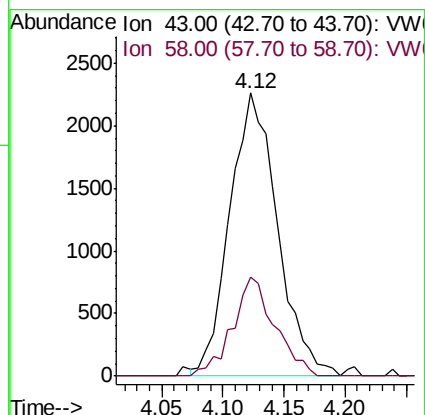
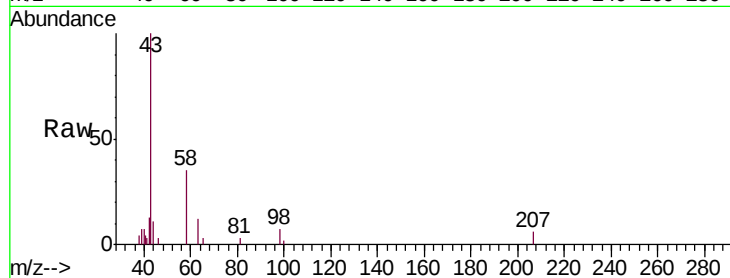
A40H5

Tgt Ion: 43 Resp: 6152

Ion Ratio Lower Upper

43 100

58 30.9 0.0 61.2



#35

Trichloroethene

Concen: 2.102 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006454.D

Acq: 29 Oct 2018 14:41

Tgt Ion: 95 Resp: 10194

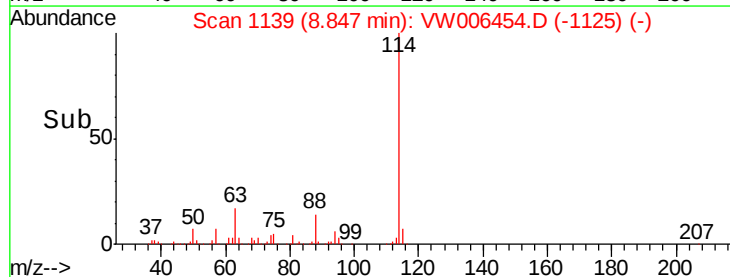
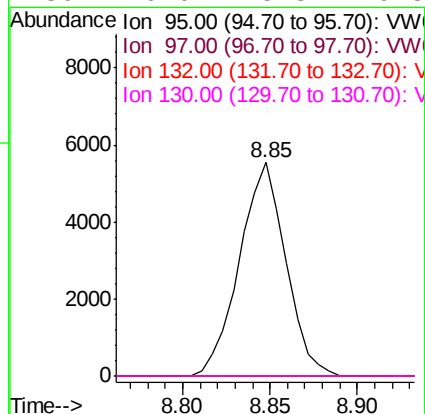
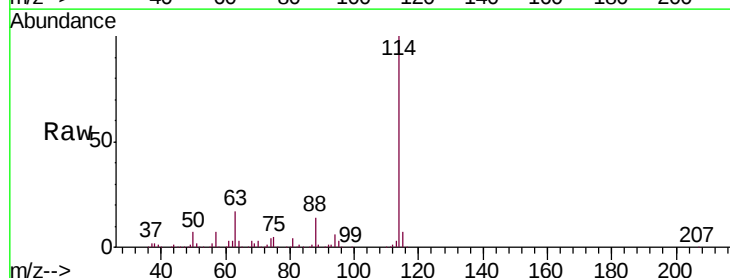
Ion Ratio Lower Upper

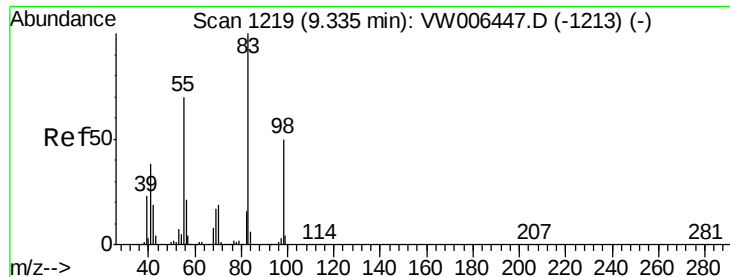
95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

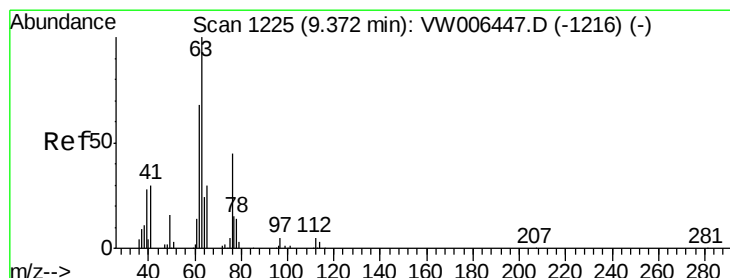
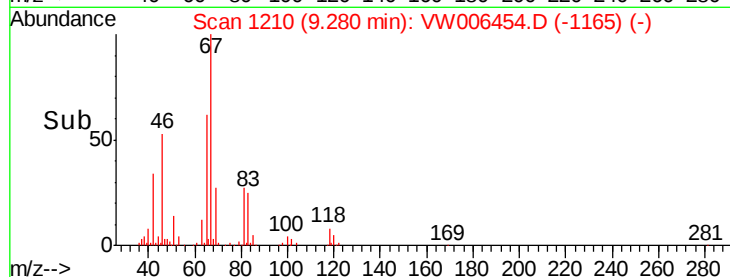
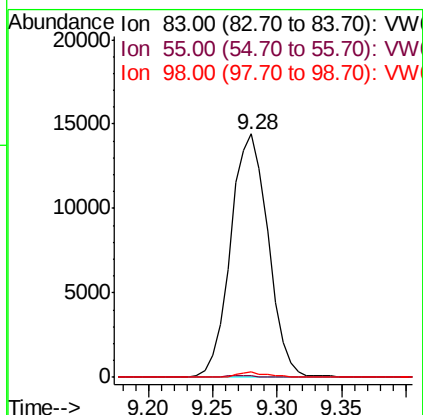
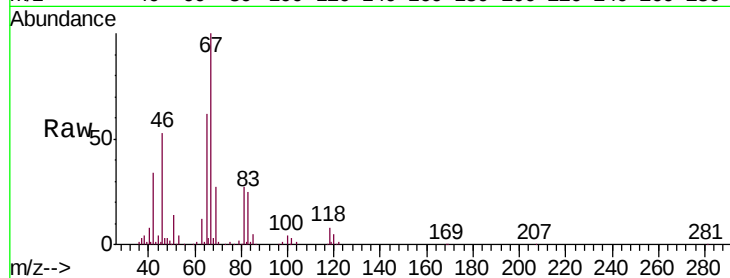




#36
Methylcyclohexane
Concen: 3.281 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW006454.D
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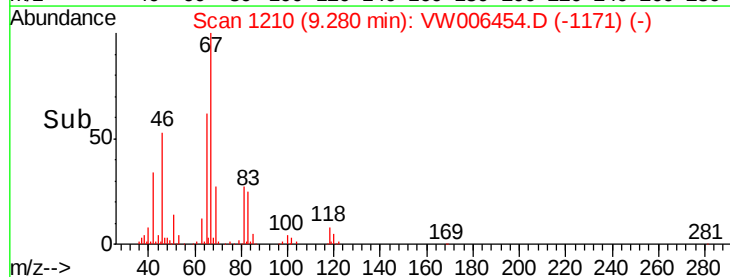
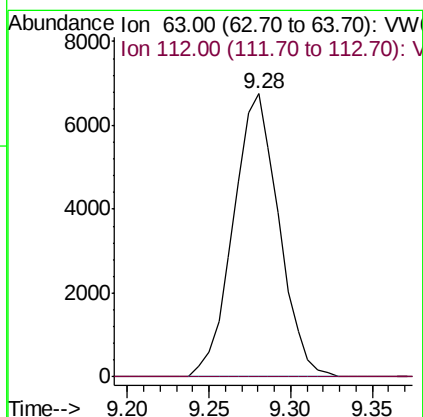
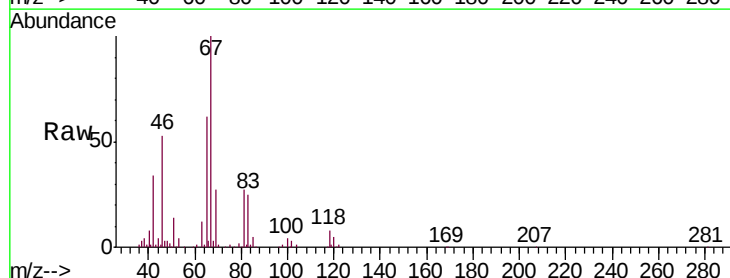
Instrument :
MSVOA_W
ClientSampleId :
A40H5

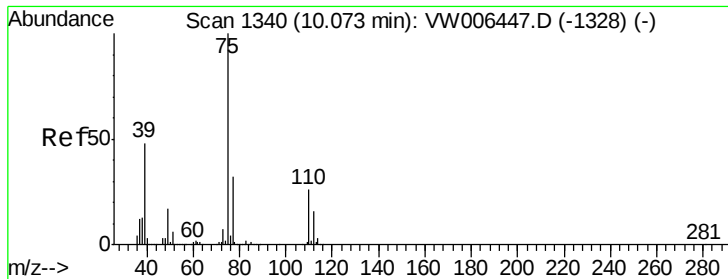
Tgt Ion: 83 Resp: 29158
Ion Ratio Lower Upper
83 100
55 0.4 57.1 85.7#
98 1.6 38.9 58.3#



#40
1,2-Dichloropropane
Concen: 3.069 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW006454.D
Acq: 29 Oct 2018 14:41

Tgt Ion: 63 Resp: 13127
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#42

cis-1,3-Dichloropropene

Concen: 0.466 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW006454.D

Acq: 29 Oct 2018 14:41

Instrument :

MSVOA_W

ClientSampleId :

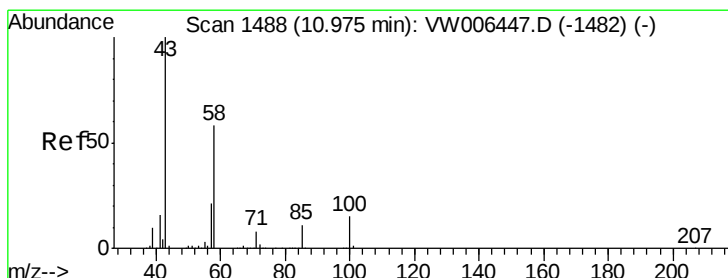
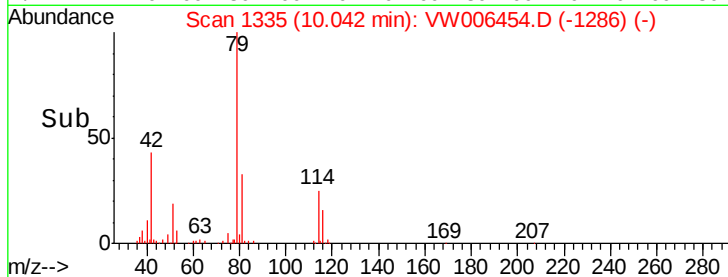
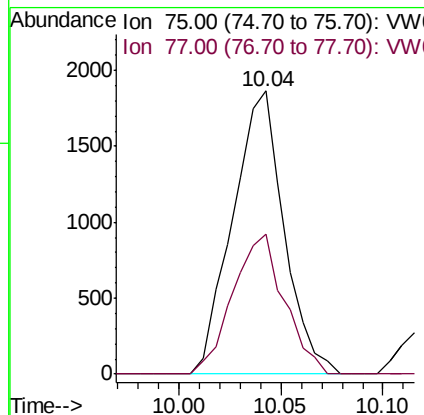
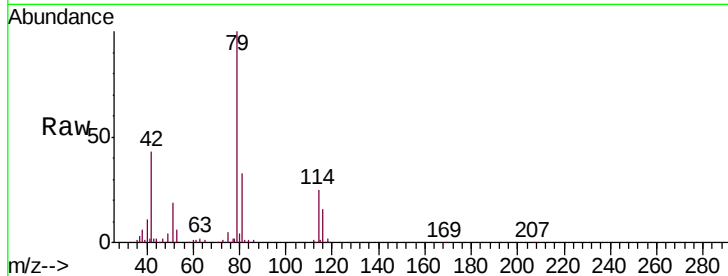
A40H5

Tgt Ion: 75 Resp: 3257

Ion Ratio Lower Upper

75 100

77 49.4 22.6 42.0#



#49

2-Hexanone

Concen: 3.500 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW006454.D

Acq: 29 Oct 2018 14:41

Tgt Ion: 43 Resp: 8839

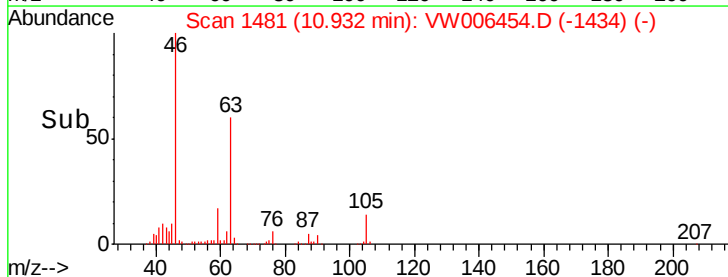
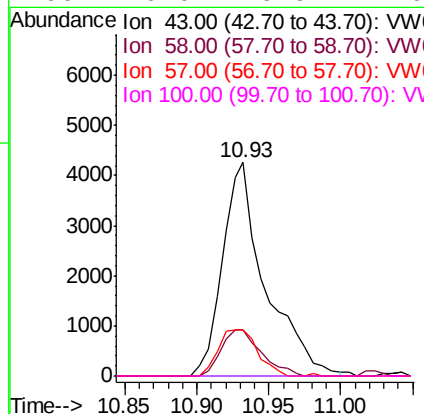
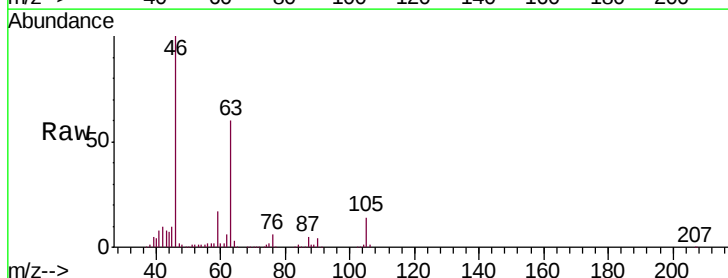
Ion Ratio Lower Upper

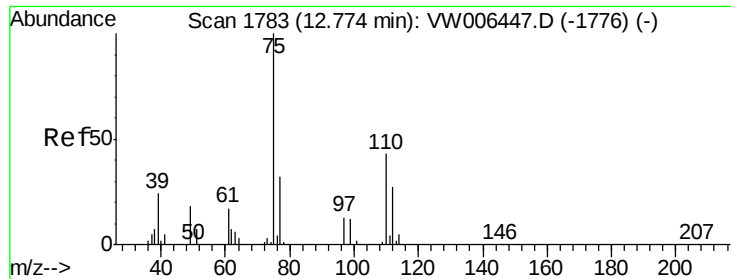
43 100

58 20.4 42.1 63.1#

57 19.9 15.1 22.7

100 0.0 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 4.731 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006454.D

Acq: 29 Oct 2018 14:41

Instrument :

MSVOA_W

ClientSampleId :

A40H5

Tgt Ion: 75 Resp: 16335

Ion Ratio Lower Upper

75 100

77 38.8 25.9 38.9

