

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW113018\
 Data File : VW007153.D
 Acq On : 30 Nov 2018 20:15
 Operator : SY/AP
 Sample : J6077-17
 Misc : 6.11G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y37

Quant Time: Nov 30 22:56:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 15:51:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	157190	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	157719	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	79707	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	26601	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
7) Chloroethane-d5	2.89	69	20341	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
10) 1,1-Dichloroethene-d2	4.02	63	54941	15.77	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.08%
20) 2-Butanone-d5	7.09	46	20289	37.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.94%
24) Chloroform-d	7.65	84	68291	20.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.96%
26) 1,2-Dichloroethane-d4	8.31	65	41667	21.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.44%
29) Benzene-d6	8.28	84	154080	20.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.24%
33) 1,2-Dichloropropane-d6	9.28	67	45232	21.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.28%
37) Toluene-d8	10.33	98	164462	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.00%
38) trans-1,3-Dichloropropene-	10.58	79	21492	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.92%
39) 2-Hexanone-d5	10.93	63	19414	38.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	39866	20.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	62904	21.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.12%

Target Compounds

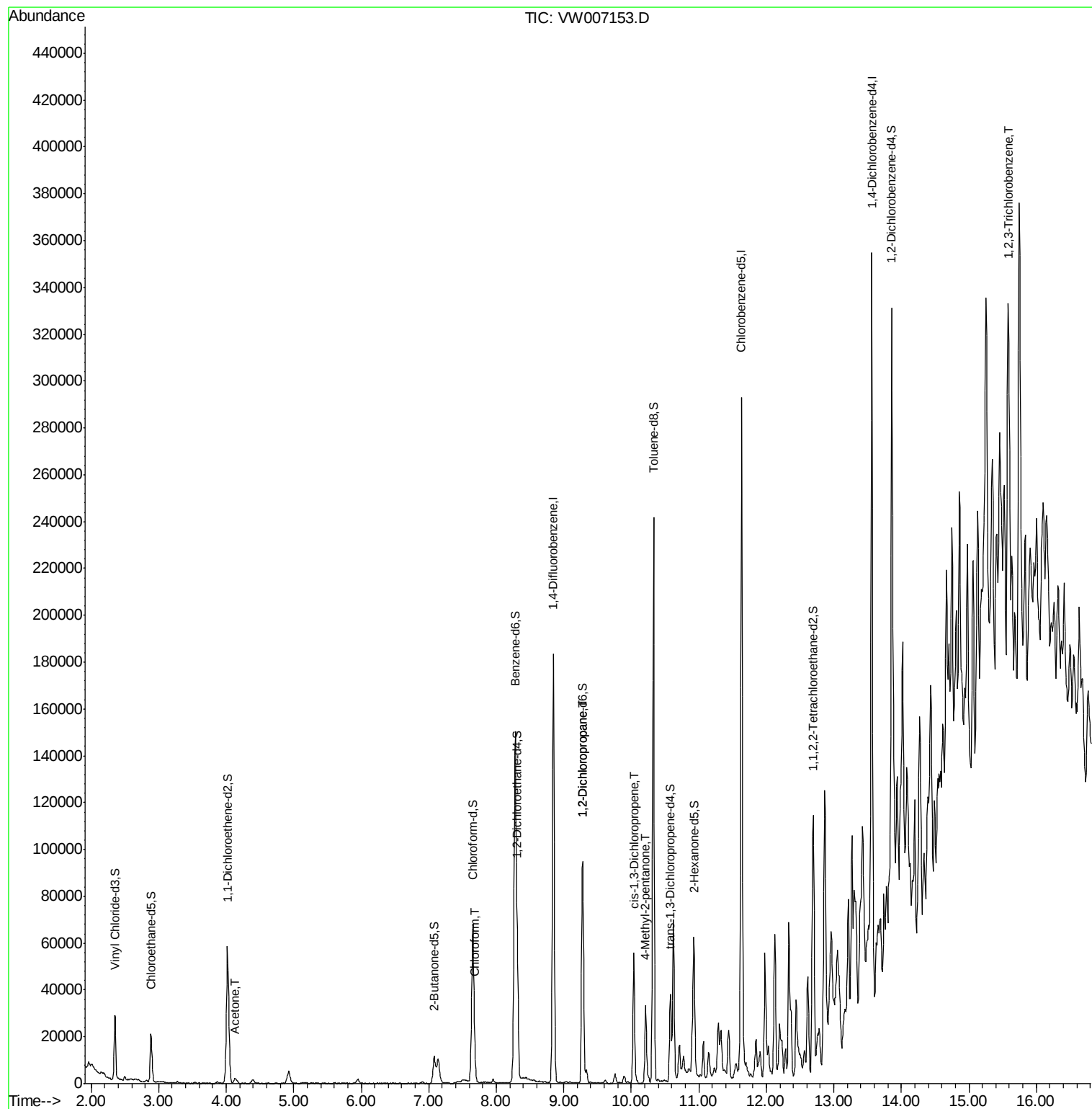
					Qvalue
13) Acetone	4.13	43	3783	9.971 ug/L	98
25) Chloroform	7.68	83	5462	1.573 ug/L	96
40) 1,2-Dichloropropane	9.28	63	5058	2.580 ug/L #	97
42) cis-1,3-Dichloropropene	10.04	75	1471	0.472 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	2081	1.435 ug/L #	67
70) 1,2,3-Trichlorobenzene	15.59	180	1913	0.655 ug/L #	24

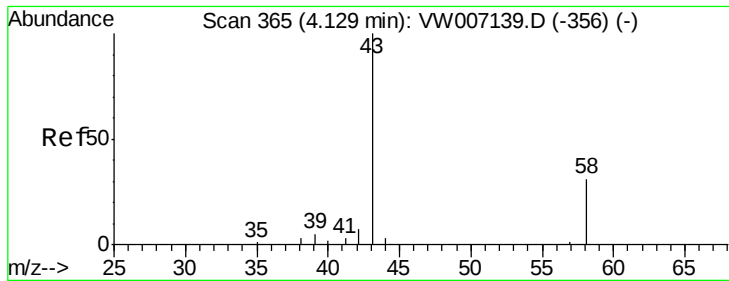
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 30 15:51:51 2018
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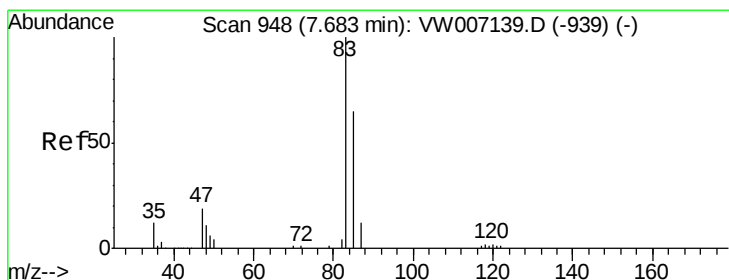
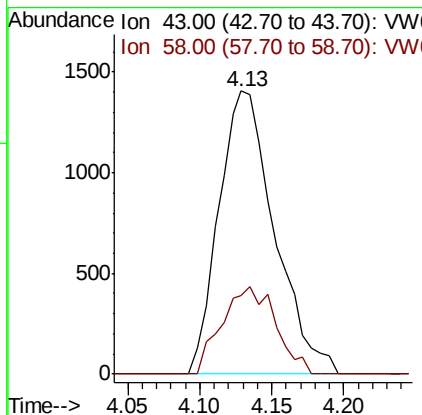
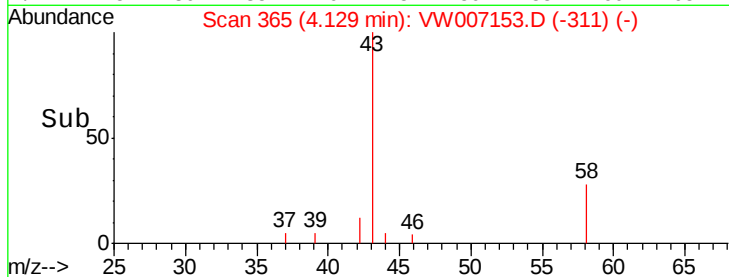
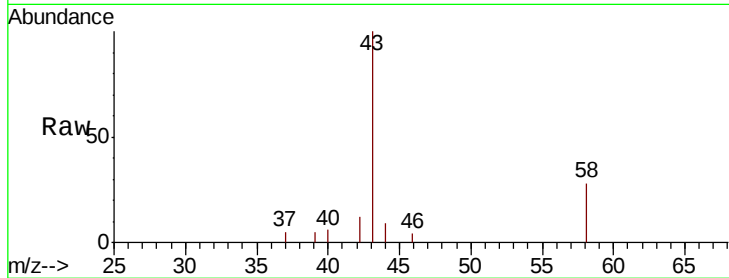




#13
Acetone
Concen: 9.971 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW007153.D
Acq: 30 Nov 2018 20:15

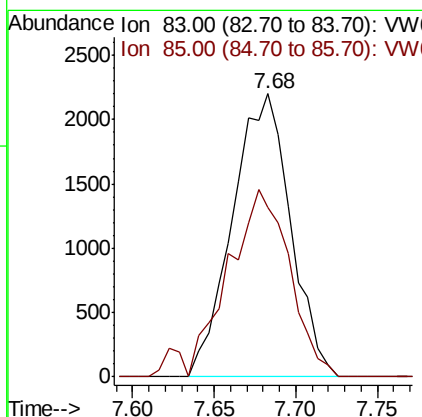
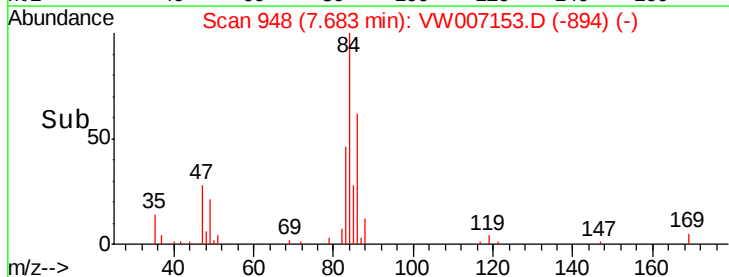
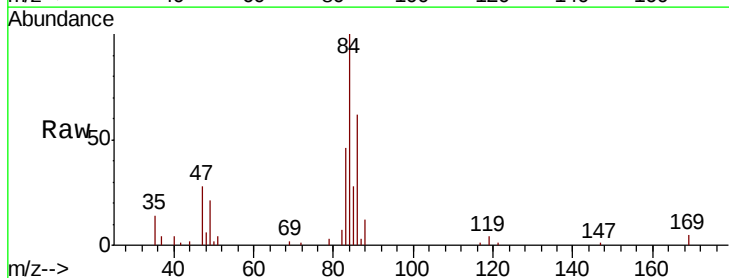
Instrument :
MSVOA_W
ClientSampleId :
F9Y37

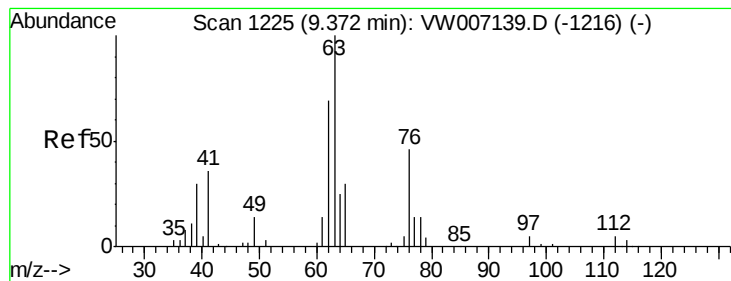
Tgt Ion: 43 Resp: 3783
Ion Ratio Lower Upper
43 100
58 29.9 0.0 62.4



#25
Chloroform
Concen: 1.573 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW007153.D
Acq: 30 Nov 2018 20:15

Tgt Ion: 83 Resp: 5462
Ion Ratio Lower Upper
83 100
85 69.4 46.1 85.7





#40

1,2-Dichloropropane

Concen: 2.580 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW007153.D

Acq: 30 Nov 2018 20:15

Instrument :

MSVOA_W

ClientSampleId :

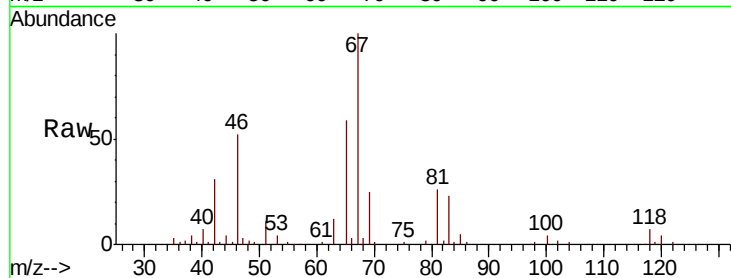
F9Y37

Tgt Ion: 63 Resp: 5058

Ion Ratio Lower Upper

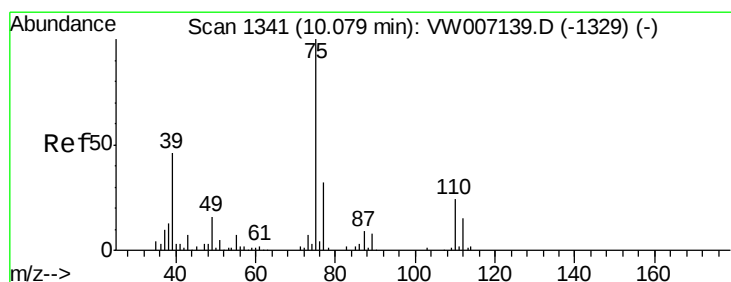
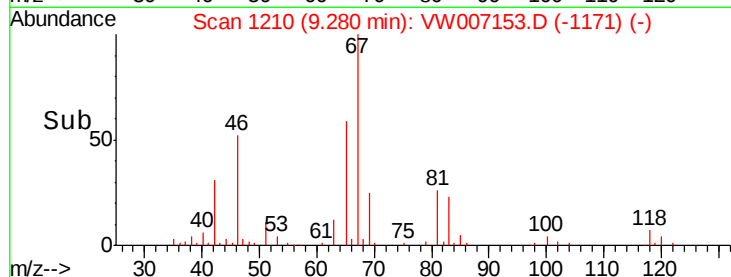
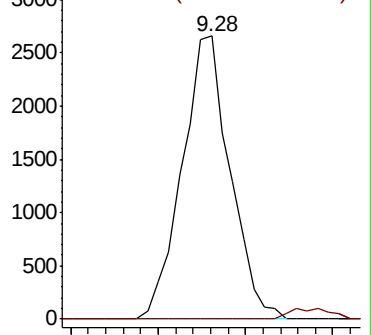
63 100

112 3.3 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.472 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007153.D

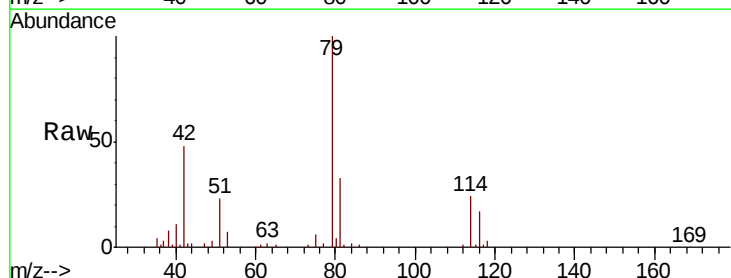
Acq: 30 Nov 2018 20:15

Tgt Ion: 75 Resp: 1471

Ion Ratio Lower Upper

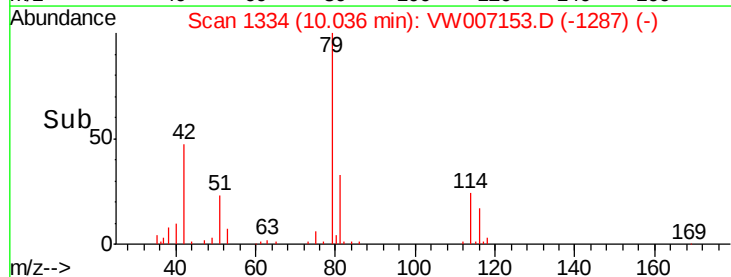
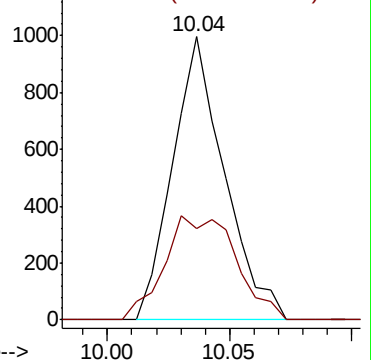
75 100

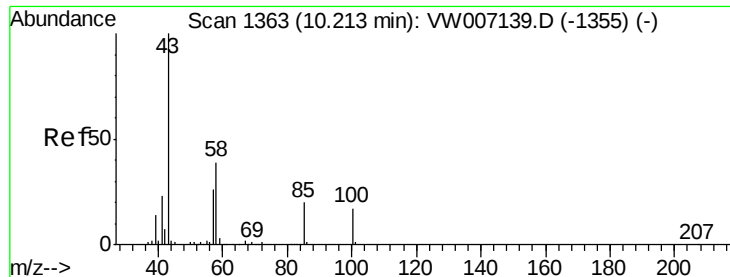
77 32.1 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#43

4-Methyl-2-pentanone

Concen: 1.435 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW007153.D

Acq: 30 Nov 2018 20:15

Instrument :

MSVOA_W

ClientSampled :

F9Y37

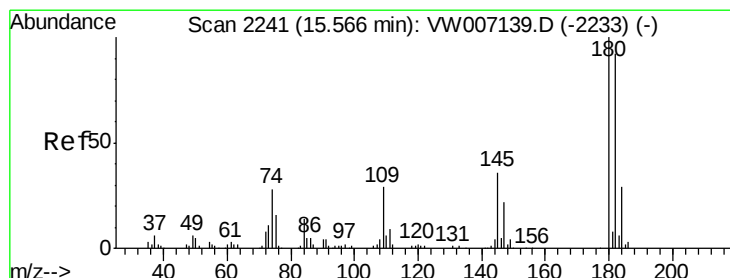
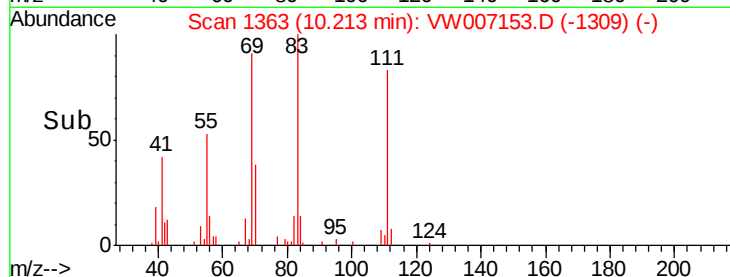
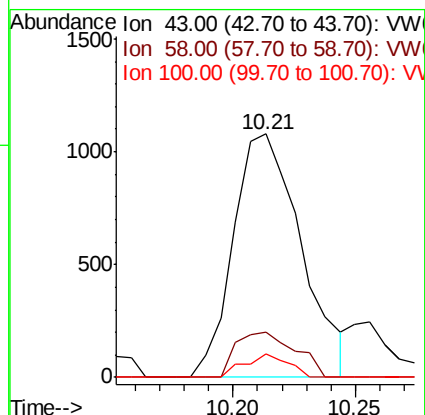
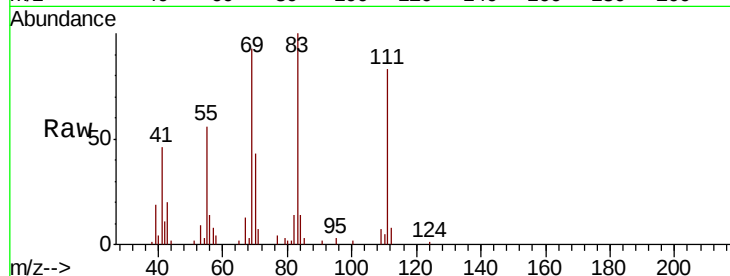
Tgt Ion: 43 Resp: 2081

Ion Ratio Lower Upper

43 100

58 16.3 31.4 47.2#

100 6.2 13.1 19.7#



#70

1,2,3-Trichlorobenzene

Concen: 0.655 ug/L

RT: 15.59 min Scan# 2245

Delta R.T. 0.02 min

Lab File: VW007153.D

Acq: 30 Nov 2018 20:15

Tgt Ion: 180 Resp: 1913

Ion Ratio Lower Upper

180 100

182 15.5 75.0 112.4#

145 0.0 28.2 42.4#

