

Data File : VW006926.D
Acq On : 16 Nov 2018 19:30
Operator : SY/AP
Sample : J5979-07
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETO68

Quant Time: Nov 16 23:55:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	155791	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	138169	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	54472	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	26066	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
7) Chloroethane-d5	2.89	69	24746	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.48%
10) 1,1-Dichloroethene-d2	4.02	63	66141	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.60%
20) 2-Butanone-d5	7.09	46	21844	28.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.32%
24) Chloroform-d	7.65	84	84587	24.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.12%
26) 1,2-Dichloroethane-d4	8.31	65	50728	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.24%
29) Benzene-d6	8.28	84	172519	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	9.27	67	55292	25.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.04%
37) Toluene-d8	10.33	98	173285	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
38) trans-1,3-Dichloropropene-	10.58	79	19933	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.96%
39) 2-Hexanone-d5	10.93	63	18559	33.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	43779	22.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	49518	24.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.00%

Target Compounds

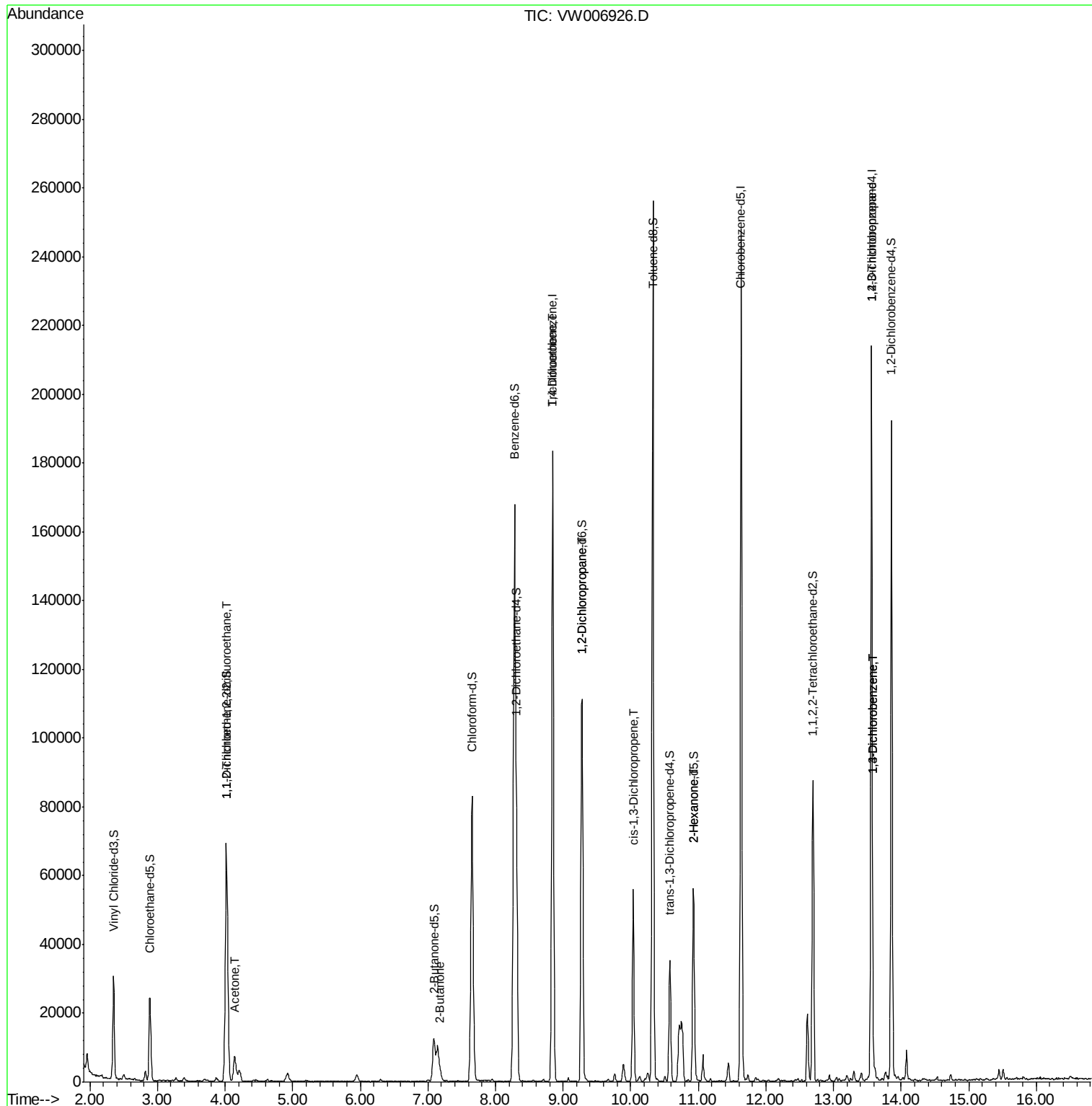
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	668	0.326	ug/L #	21
13) Acetone	4.14	43	12822	26.111	ug/L	96
21) 2-Butanone	7.18	43	5584	6.591	ug/L #	70
35) Trichloroethene	8.85	95	5029	2.390	ug/L #	6
40) 1,2-Dichloropropane	9.27	63	5998	3.151	ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1335	0.464	ug/L #	73
49) 2-Hexanone	10.93	43	3620	3.278	ug/L #	59
59) 1,2,3-Trichloropropane	13.57	75	7519	5.221	ug/L	96
63) 1,3-Dichlorobenzene	13.58	146	3149	0.892	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	3149	0.893	ug/L	94

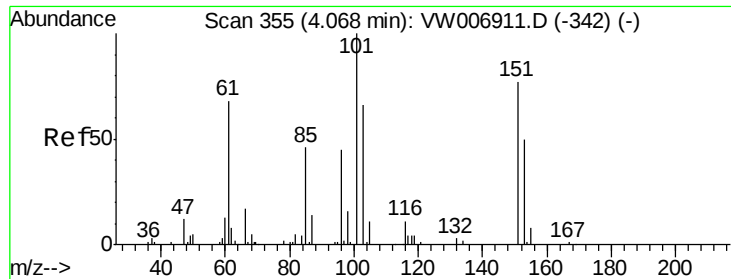
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.326 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW006926.D

Acq: 16 Nov 2018 19:30

Instrument :

MSVOA_W

ClientSampled :

ETO68

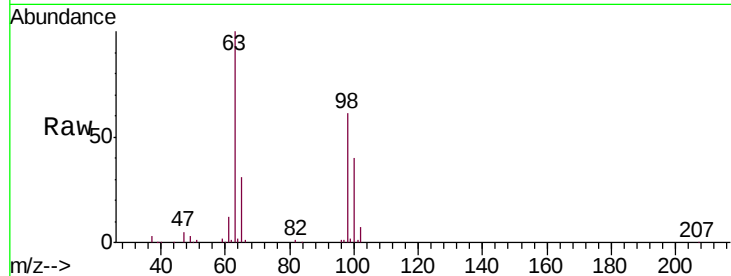
Tgt Ion: 101 Resp: 668

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.8#

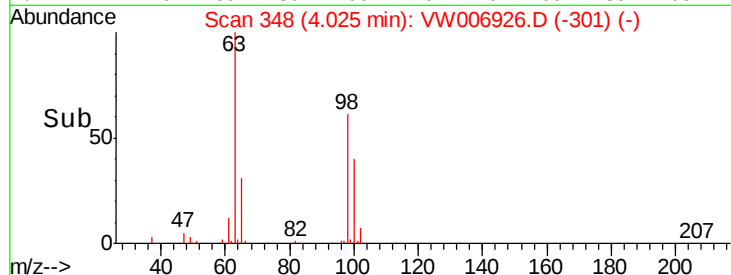
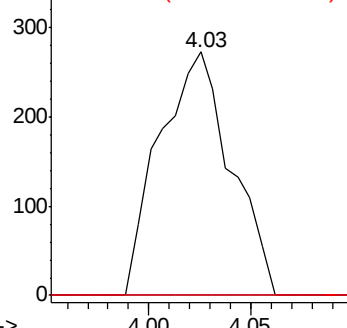
151 0.0 57.5 86.3#



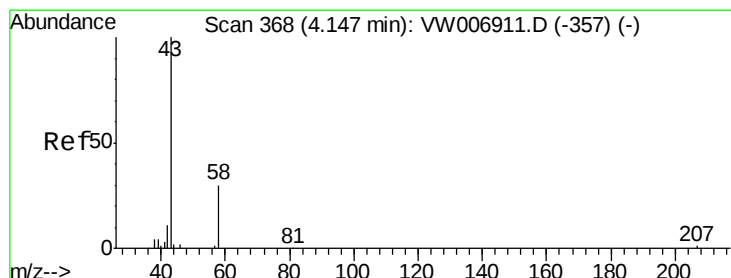
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



Time-->



#13

Acetone

Concen: 26.111 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006926.D

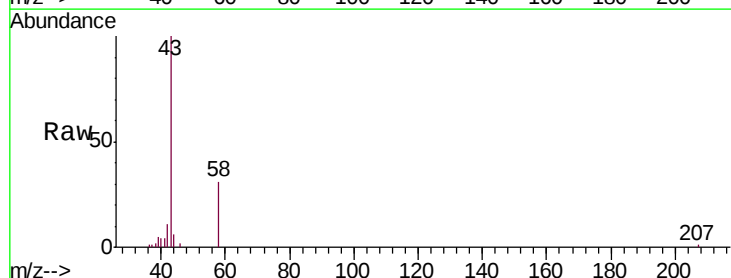
Acq: 16 Nov 2018 19:30

Tgt Ion: 43 Resp: 12822

Ion Ratio Lower Upper

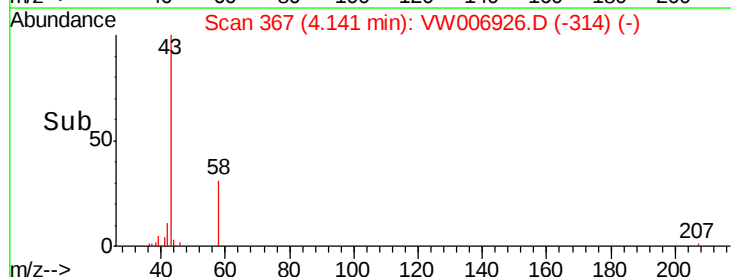
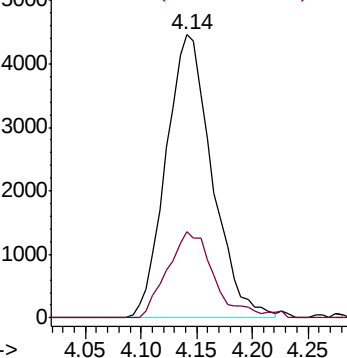
43 100

58 30.3 0.0 65.6

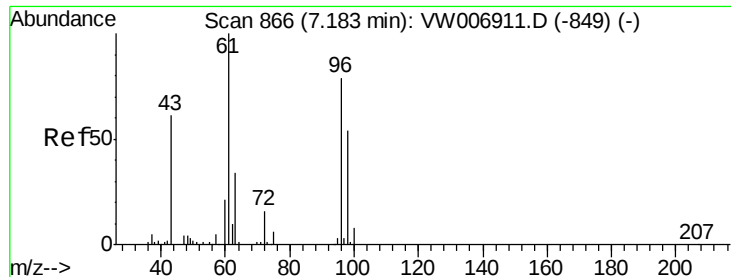


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



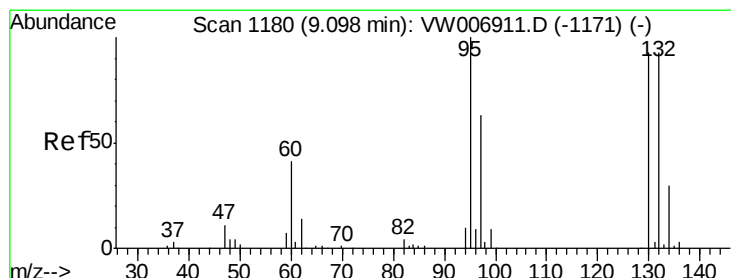
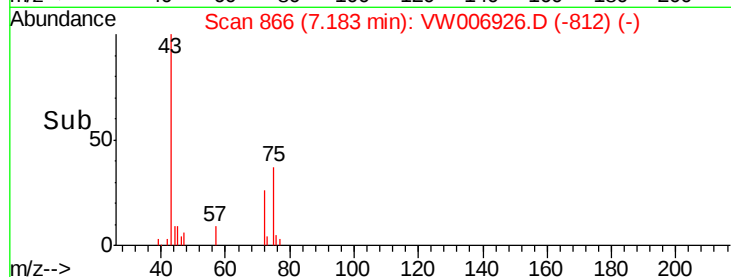
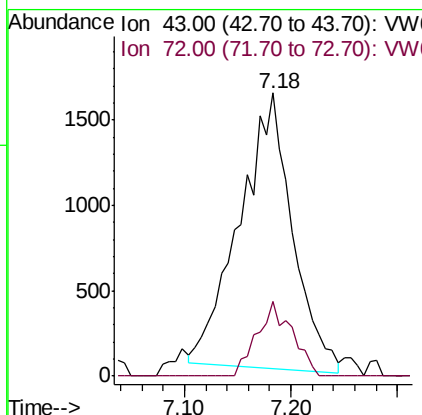
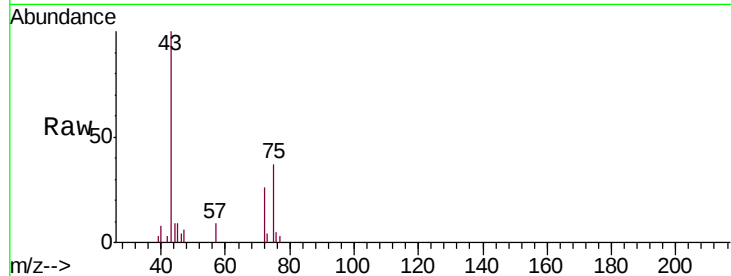
Time-->



#21
2-Butanone
Concen: 6.591 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW006926.D
Acq: 16 Nov 2018 19:30

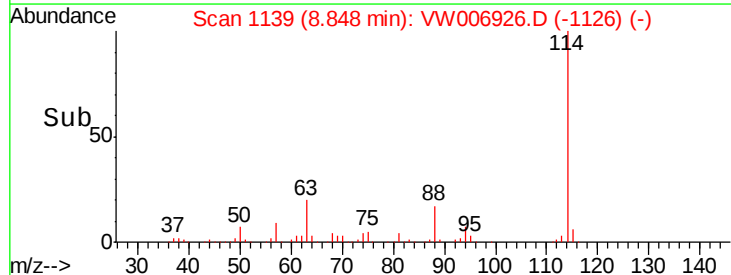
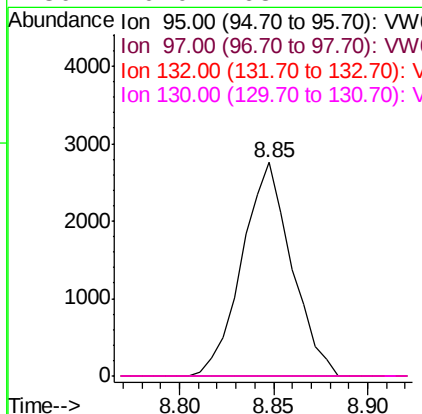
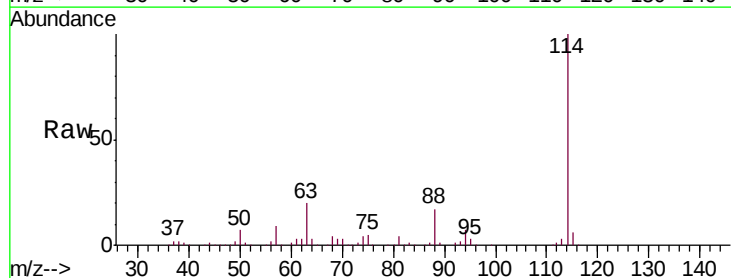
Instrument :
MSVOA_W
ClientSampleId :
ETO68

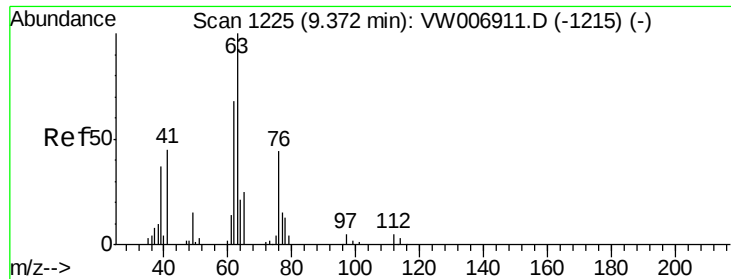
Tgt Ion: 43 Resp: 5584
Ion Ratio Lower Upper
43 100
72 11.6 13.5 40.5#



#35
Trichloroethene
Concen: 2.390 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW006926.D
Acq: 16 Nov 2018 19:30

Tgt Ion: 95 Resp: 5029
Ion Ratio Lower Upper
95 100
97 0.0 45.1 83.9#
132 0.0 65.7 121.9#
130 0.0 68.7 127.7#

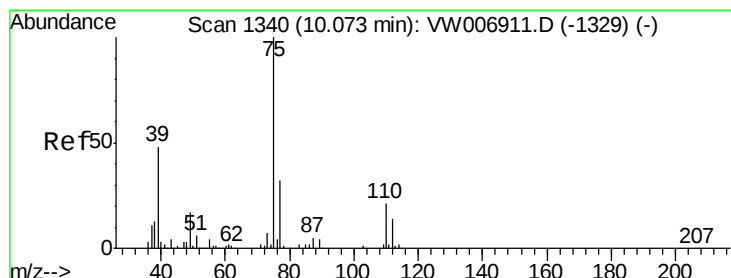
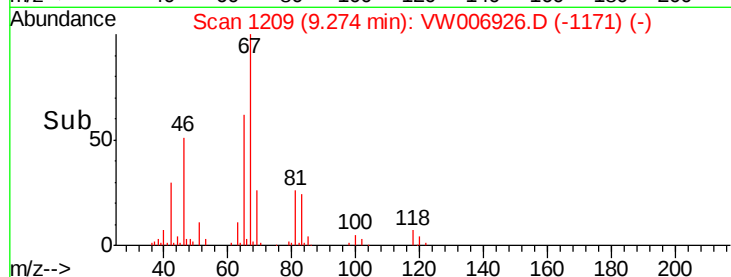
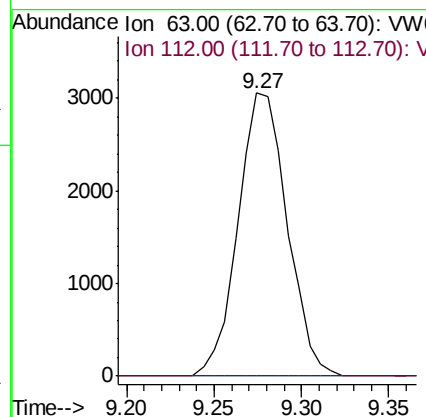
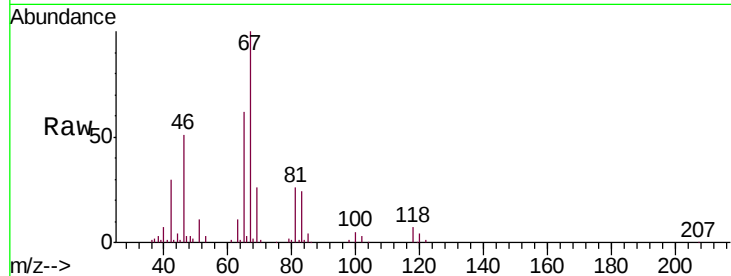




#40
 1,2-Dichloropropane
 Concen: 3.151 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW006926.D
 Acq: 16 Nov 2018 19:30

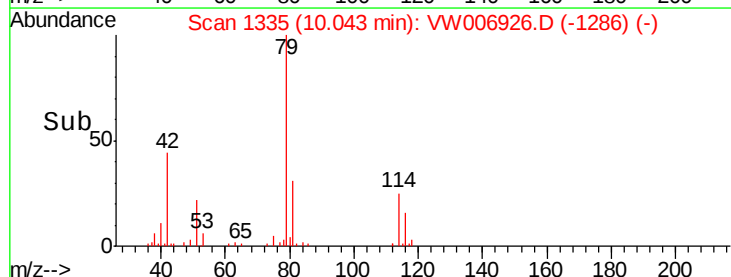
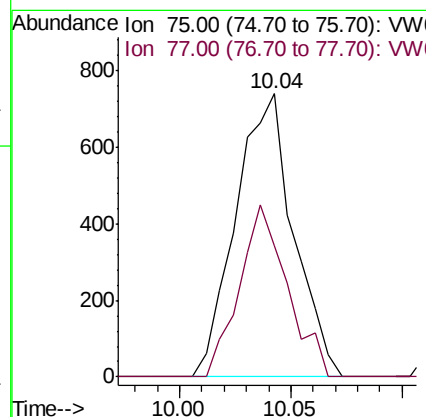
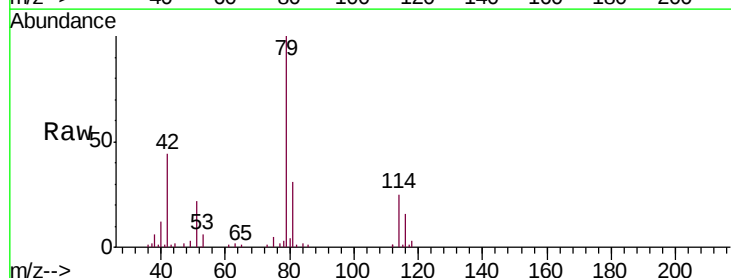
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 ClientSampled :
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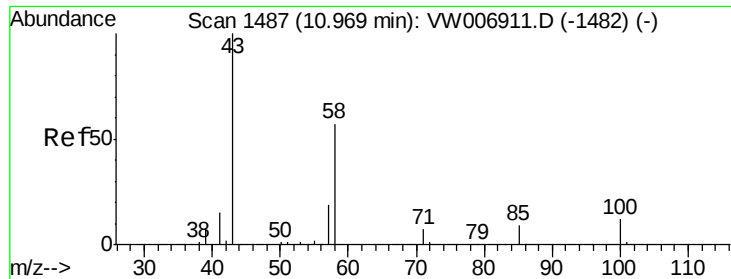
Tgt Ion: 63 Resp: 5998
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.464 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW006926.D
 Acq: 16 Nov 2018 19:30

Tgt Ion: 75 Resp: 1335
 Ion Ratio Lower Upper
 75 100
 77 46.3 21.9 40.7#





#49

2-Hexanone

Concen: 3.278 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006926.D

Acq: 16 Nov 2018 19:30

Instrument :

MSVOA_W

ClientSampleId :

ETO68

Tgt Ion: 43 Resp: 3620

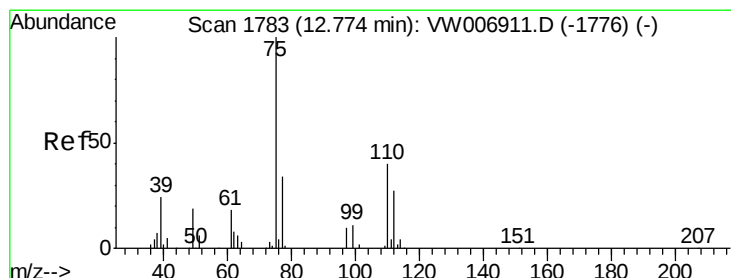
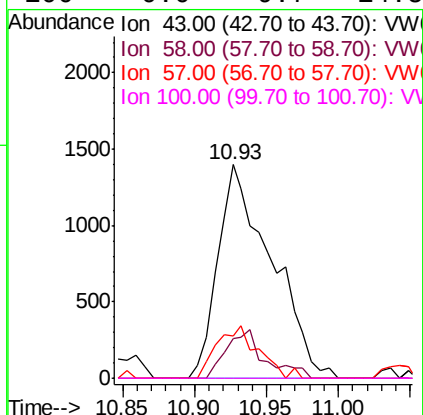
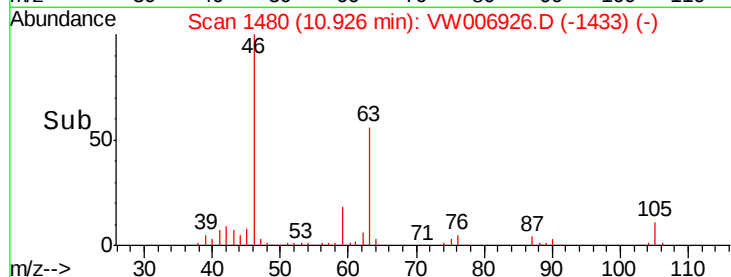
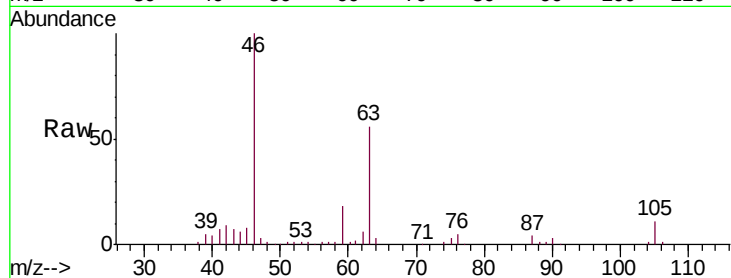
Ion Ratio Lower Upper

43 100

58 14.3 44.6 67.0#

57 18.5 16.0 24.0

100 0.0 9.7 14.5#



#59

1,2,3-Trichloropropane

Concen: 5.221 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006926.D

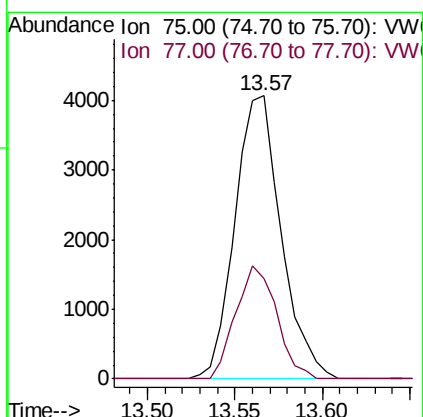
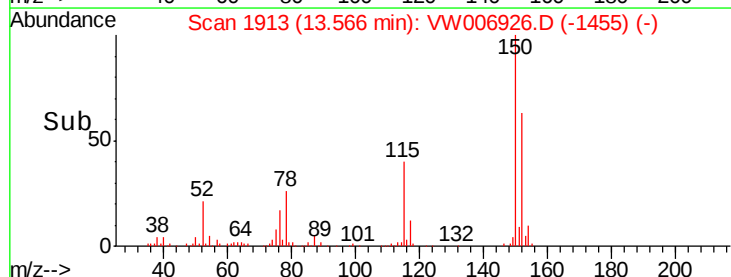
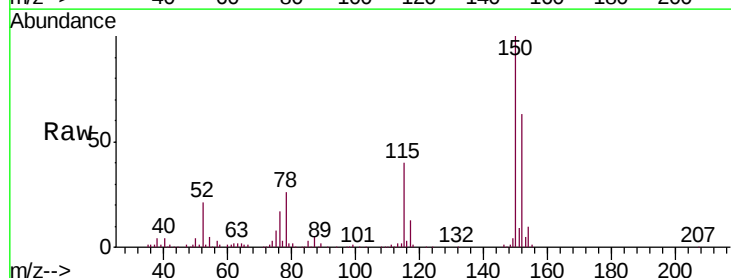
Acq: 16 Nov 2018 19:30

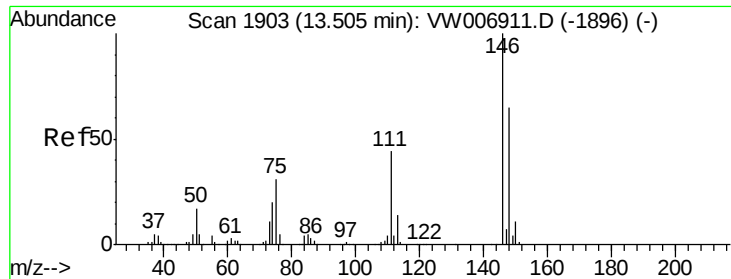
Tgt Ion: 75 Resp: 7519

Ion Ratio Lower Upper

75 100

77 35.2 26.5 39.7

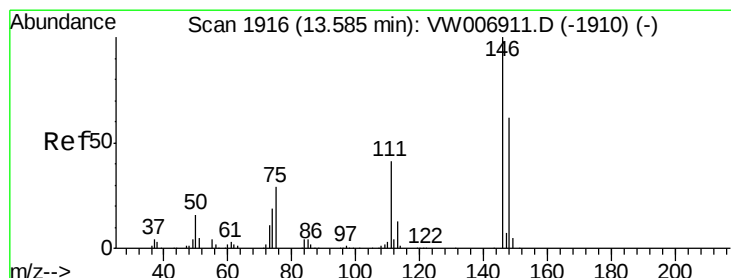
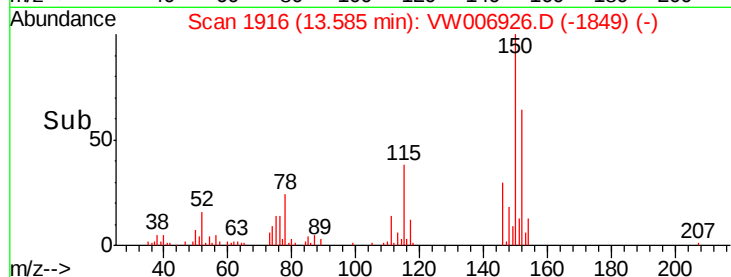
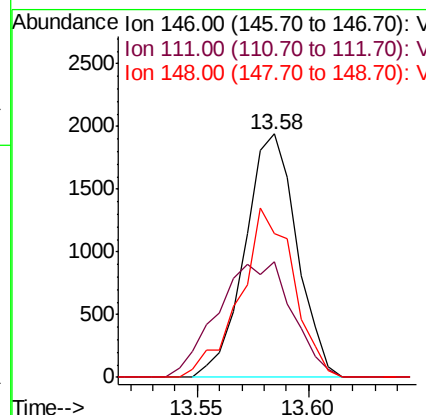
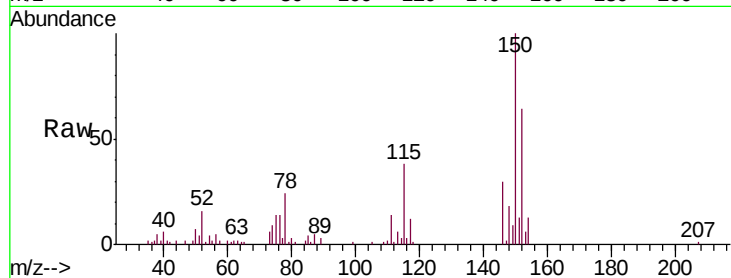




#63
 1,3-Dichlorobenzene
 Concen: 0.892 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.08 min
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 ClientSampleId :
 ETO68

Tgt Ion:146 Resp: 3149
 Ion Ratio Lower Upper
 146 100
 111 47.6 29.3 54.3
 148 59.0 43.0 80.0



#64
 1,4-Dichlorobenzene
 Concen: 0.893 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006926.D
 Acq: 16 Nov 2018 19:30

Tgt Ion:146 Resp: 3149
 Ion Ratio Lower Upper
 146 100
 111 47.6 28.8 53.4
 148 59.0 43.2 80.2

