

Data File : VW006908.D
Acq On : 15 Nov 2018 19:53
Operator : SY/AP
Sample : J5944-14
Misc : 5.95G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETHS7

Quant Time: Nov 16 04:55:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 04:49:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	186990	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	183452	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	85299	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38502	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
7) Chloroethane-d5	2.89	69	29956	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.32%
10) 1,1-Dichloroethene-d2	4.02	63	75963	17.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.52%
20) 2-Butanone-d5	7.09	46	26055	28.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.96%
24) Chloroform-d	7.65	84	96004	23.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	8.31	65	56102	24.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.04%
29) Benzene-d6	8.28	84	207405	21.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.52%
33) 1,2-Dichloropropane-d6	9.28	67	63900	21.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.08%
37) Toluene-d8	10.33	98	213962	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.12%
38) trans-1,3-Dichloropropene-	10.58	79	25572	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.12%
39) 2-Hexanone-d5	10.93	63	21287	29.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	45194	17.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	72562	22.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.84%

Target Compounds

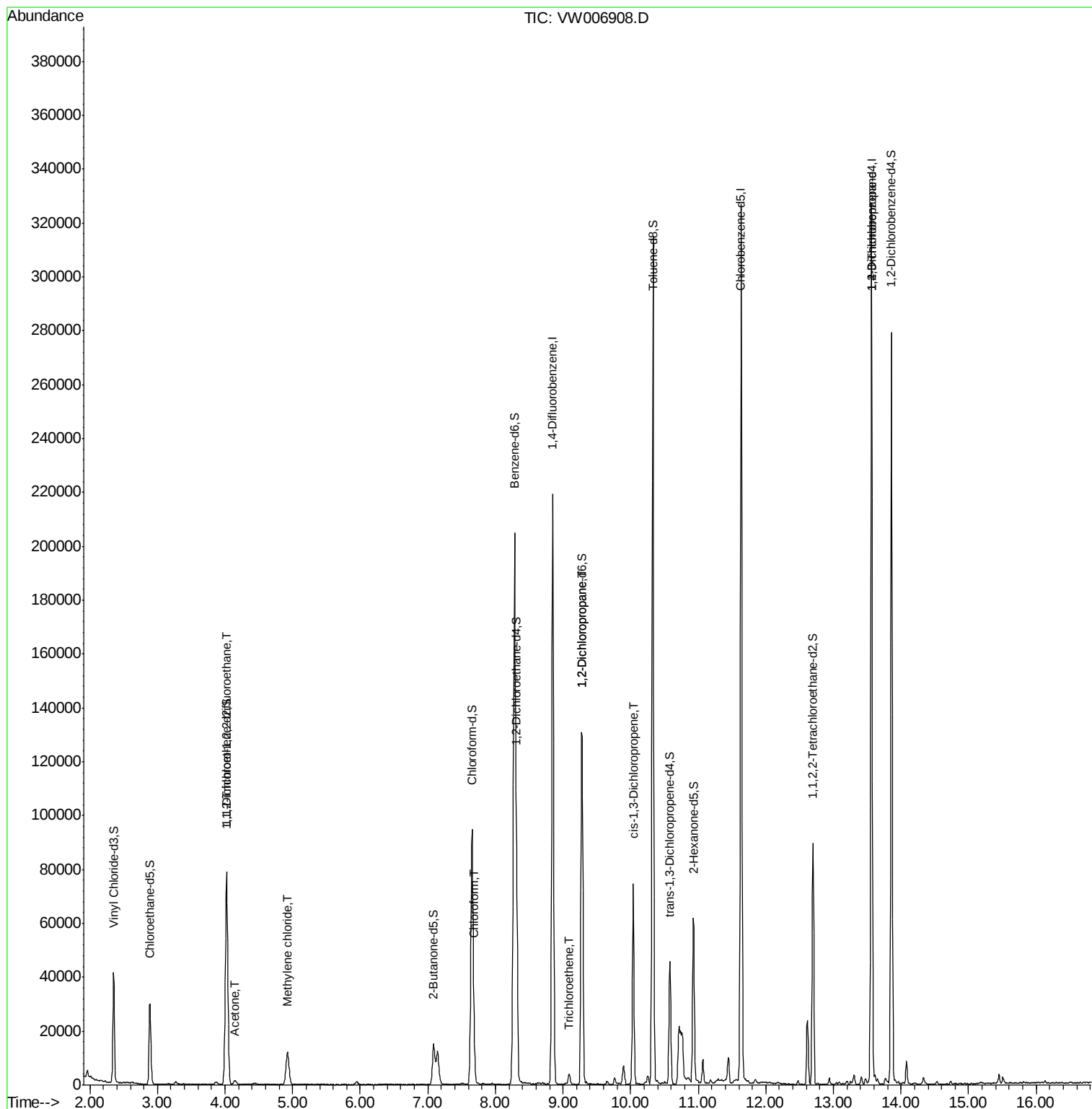
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	719	0.292	ug/L #	21
13) Acetone	4.14	43	961	1.630	ug/L	91
16) Methylene chloride	4.93	84	9752	2.982	ug/L	97
25) Chloroform	7.68	83	8816	1.915	ug/L	88
35) Trichloroethene	9.10	95	1167	0.418	ug/L	99
40) 1,2-Dichloropropane	9.28	63	6983	2.763	ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1752	0.459	ug/L #	75
59) 1,2,3-Trichloropropane	13.57	75	9936	5.197	ug/L	92

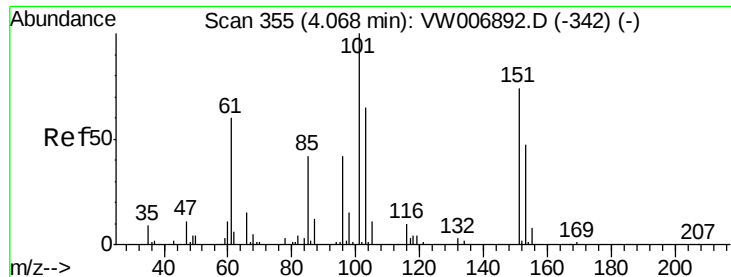
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.292 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW006908.D

Acq: 15 Nov 2018 19:53

Instrument :

MSVOA_W

ClientSampled :

ETHS7

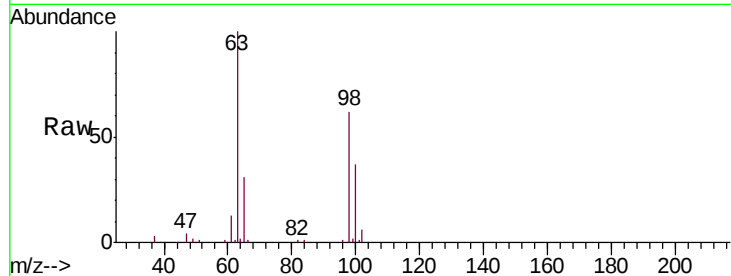
Tgt Ion: 101 Resp: 719

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.8#

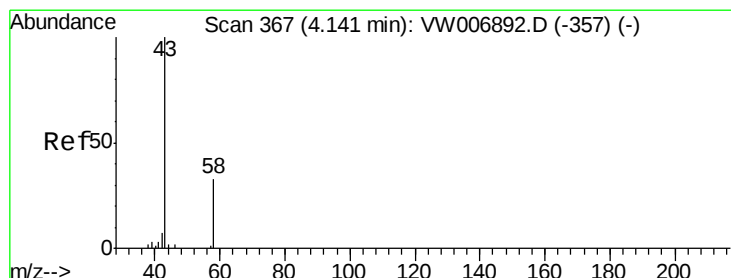
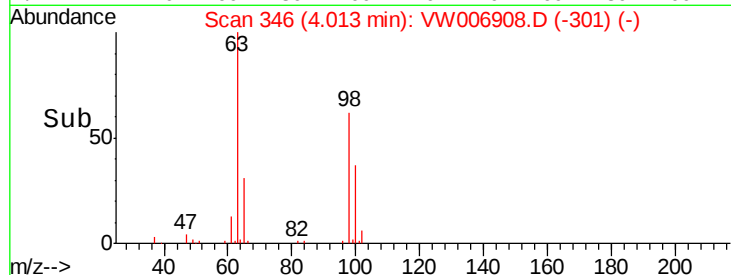
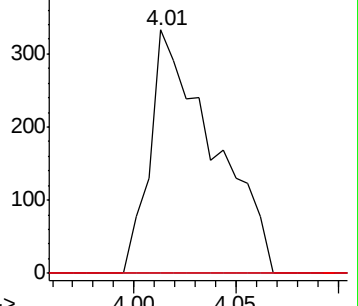
151 0.0 57.5 86.3#



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



#13

Acetone

Concen: 1.630 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006908.D

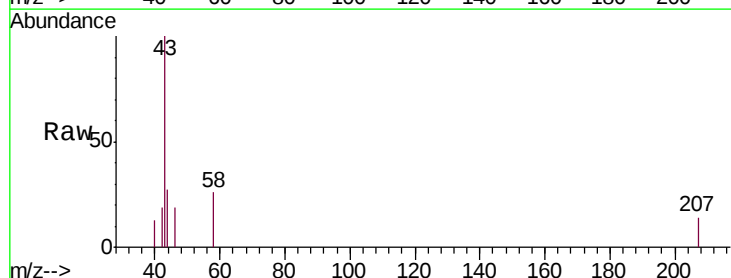
Acq: 15 Nov 2018 19:53

Tgt Ion: 43 Resp: 961

Ion Ratio Lower Upper

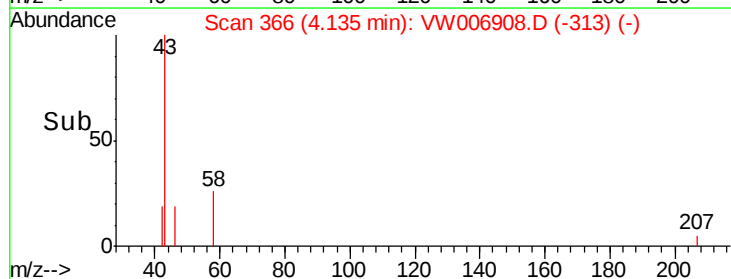
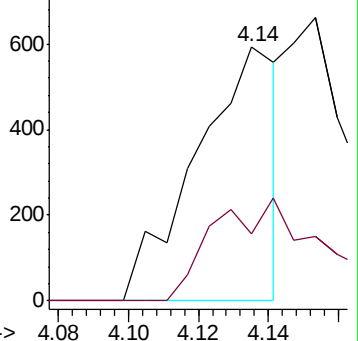
43 100

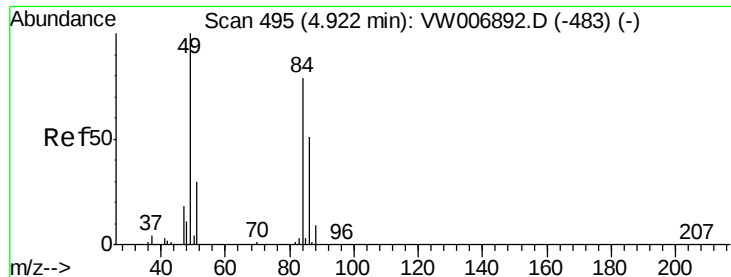
58 27.9 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

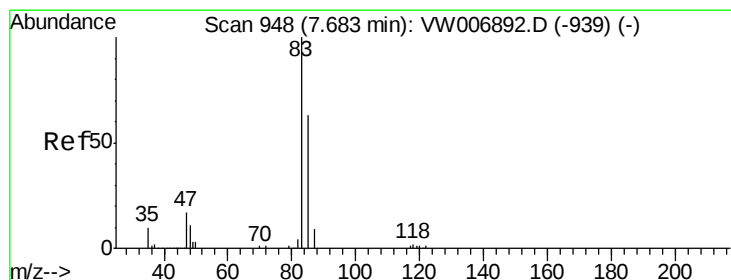
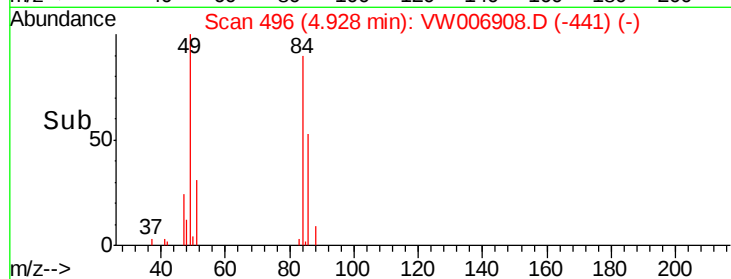
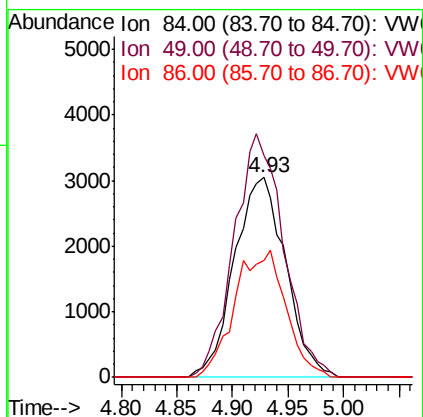
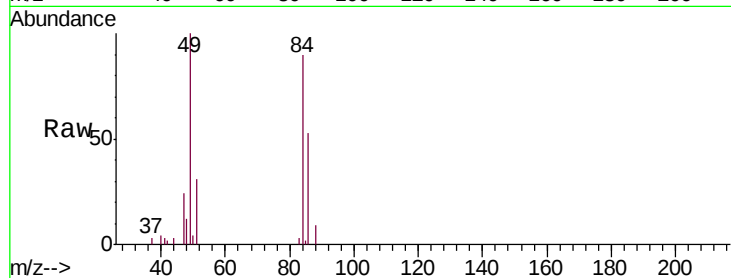




#16
Methylene chloride
Concen: 2.982 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006908.D
Acq: 15 Nov 2018 19:53

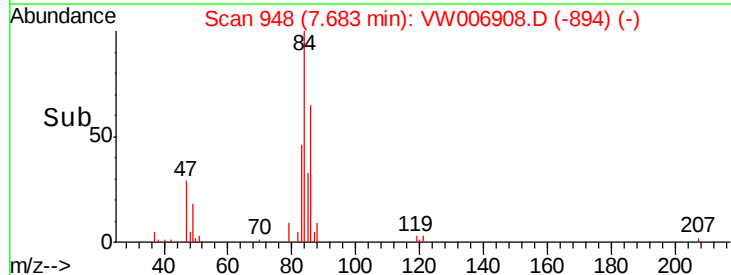
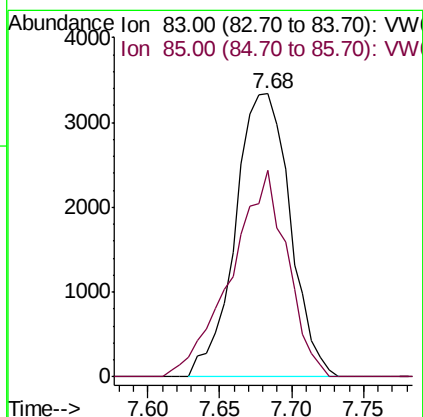
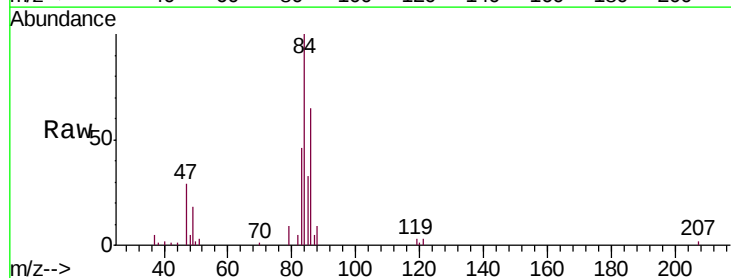
Instrument :
MSVOA_W
ClientSampleId :
ETHS7

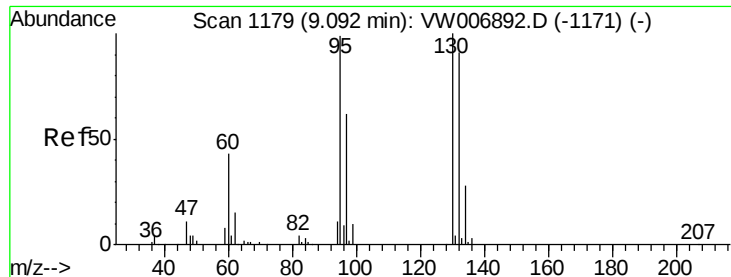
Tgt Ion: 84 Resp: 9752
Ion Ratio Lower Upper
84 100
49 111.3 79.3 147.3
86 58.5 43.5 80.9



#25
Chloroform
Concen: 1.915 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW006908.D
Acq: 15 Nov 2018 19:53

Tgt Ion: 83 Resp: 8816
Ion Ratio Lower Upper
83 100
85 74.5 45.4 84.2





#35

Trichloroethene

Concen: 0.418 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW006908.D

Acq: 15 Nov 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

ETHS7

Tgt Ion: 95 Resp: 1167

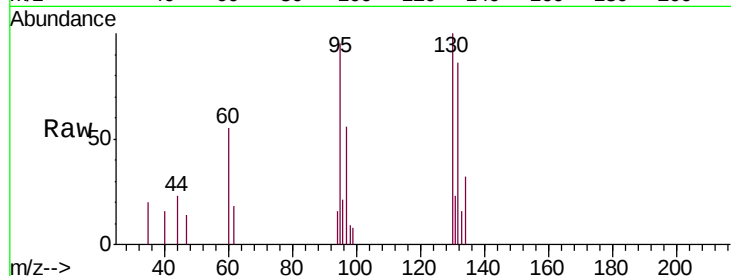
Ion Ratio Lower Upper

95 100

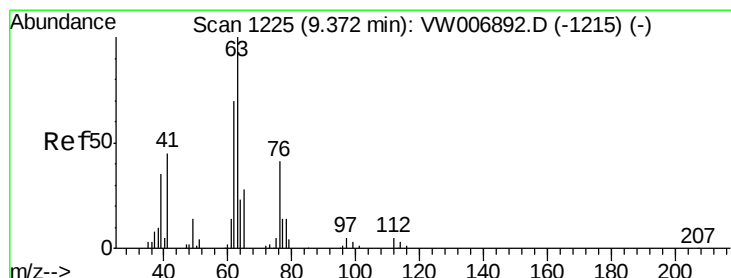
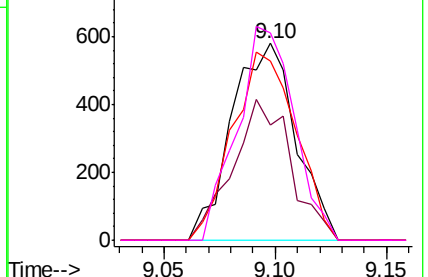
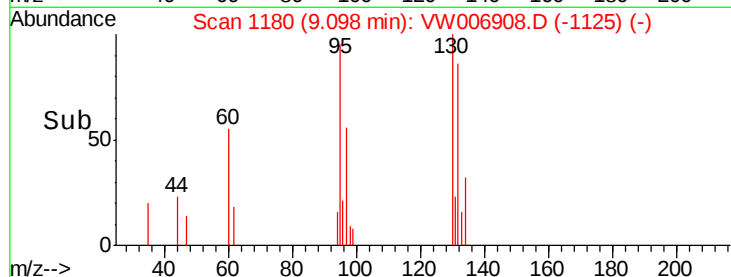
97 64.7 45.1 83.9

132 93.9 65.7 121.9

130 96.5 68.7 127.7



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 2.763 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006908.D

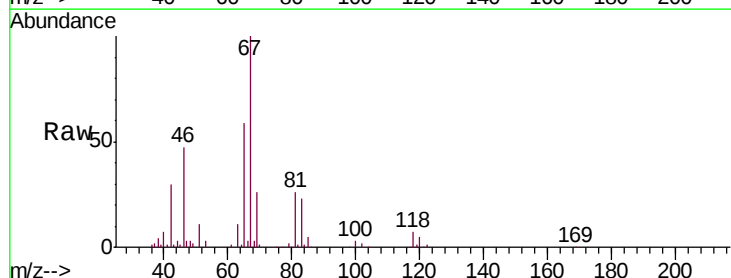
Acq: 15 Nov 2018 19:53

Tgt Ion: 63 Resp: 6983

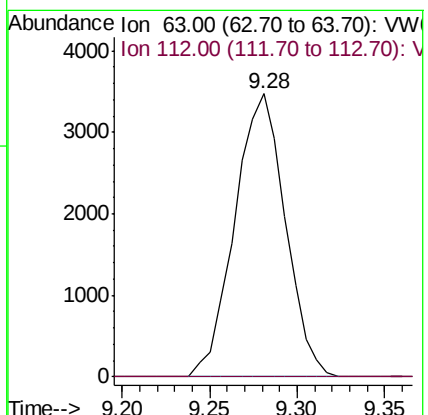
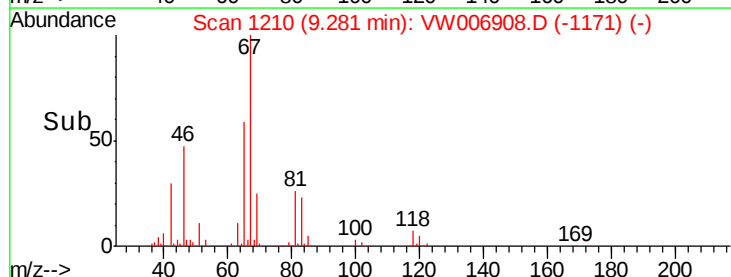
Ion Ratio Lower Upper

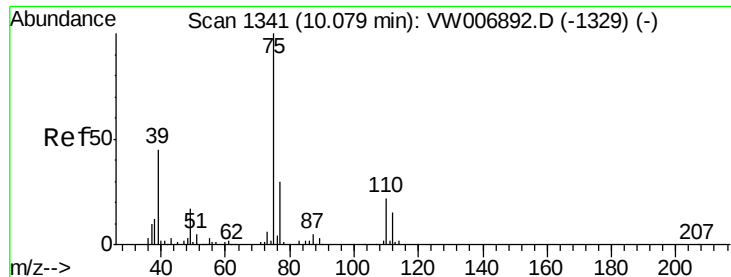
63 100

112 0.0 3.1 4.7#



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: 0.459 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006908.D

Acq: 15 Nov 2018 19:53

Instrument :

MSVOA_W

ClientSampleId :

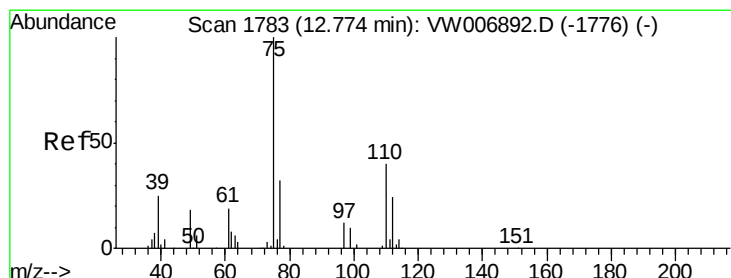
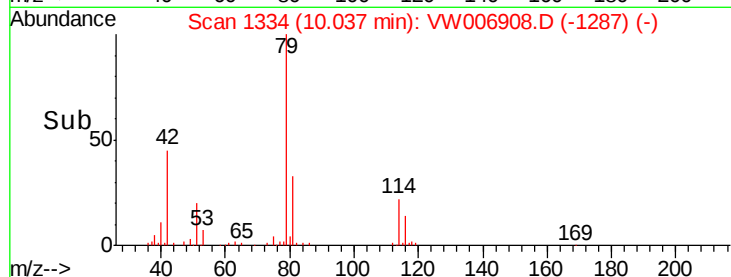
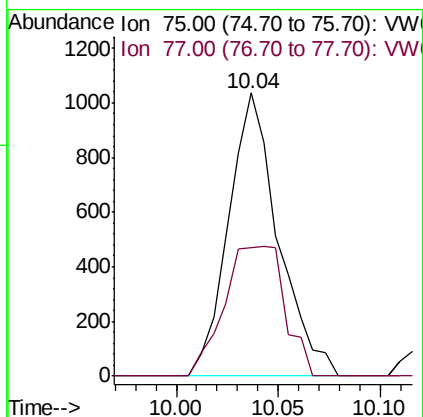
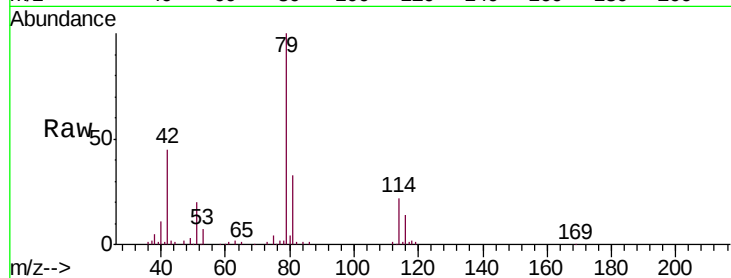
ETHS7

Tgt Ion: 75 Resp: 1752

Ion Ratio Lower Upper

75 100

77 45.3 21.9 40.7#



#59

1,2,3-Trichloropropane

Concen: 5.197 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006908.D

Acq: 15 Nov 2018 19:53

Tgt Ion: 75 Resp: 9936

Ion Ratio Lower Upper

75 100

77 37.4 26.5 39.7

