

Data File : VW006896.D
Acq On : 15 Nov 2018 14:44
Operator : SY/AP
Sample : J5945-02MS
Misc : 6.12G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOA0MSMS

Quant Time: Nov 16 04:52:58 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	157985	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	152638	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	71543	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	37984	27.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.32%
7) Chloroethane-d5	2.89	69	29059	28.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.04%
10) 1,1-Dichloroethene-d2	4.03	63	93950	25.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.32%
20) 2-Butanone-d5	7.09	46	37939	49.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.16%
24) Chloroform-d	7.65	84	87422	25.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	8.31	65	56616	28.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.72%
29) Benzene-d6	8.28	84	195636	24.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.08%
33) 1,2-Dichloropropane-d6	9.27	67	59980	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.24%
37) Toluene-d8	10.33	98	201437	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.60%
38) trans-1,3-Dichloropropene-	10.58	79	26787	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.12%
39) 2-Hexanone-d5	10.93	63	29682	48.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54439	25.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	69065	25.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.96%

Target Compounds

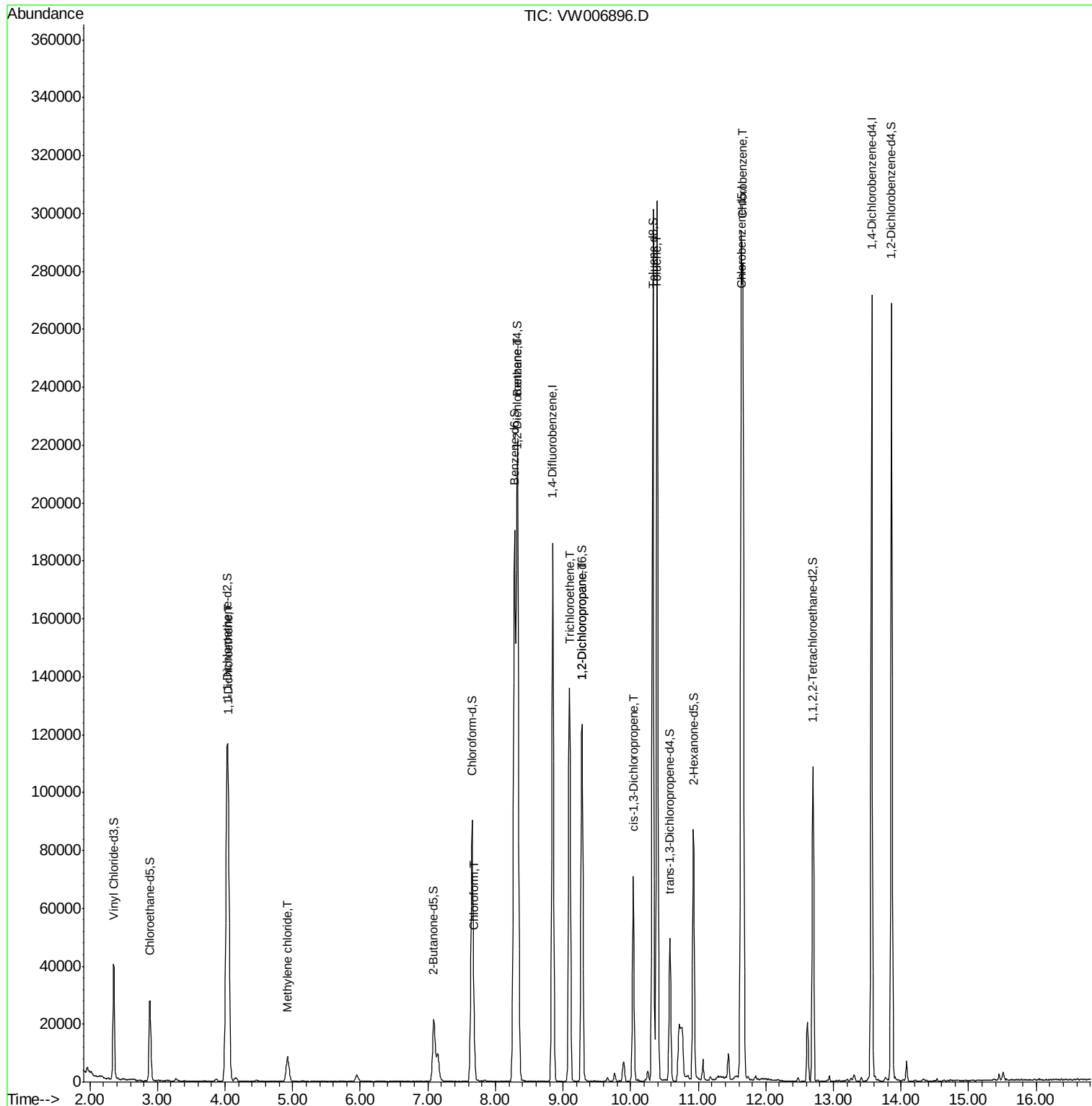
						Qvalue
12) 1,1-Dichloroethene	4.05	96	41467	22.975	ug/L	99
16) Methylene chloride	4.93	84	6591	2.386	ug/L	92
25) Chloroform	7.68	83	7618	1.959	ug/L	82
34) Benzene	8.33	78	186834	21.887	ug/L	100
35) Trichloroethene	9.09	95	49958	21.487	ug/L	99
40) 1,2-Dichloropropane	9.28	63	6669	3.171	ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1664	0.524	ug/L #	47
44) Toluene	10.39	91	223170	22.833	ug/L	100
52) Chlorobenzene	11.66	112	140881	22.917	ug/L	98

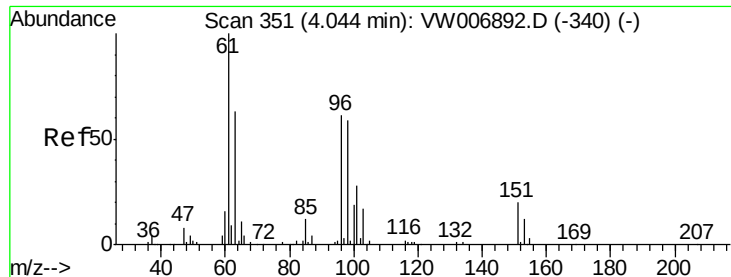
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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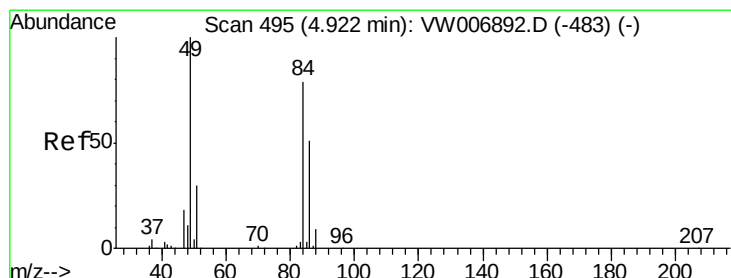
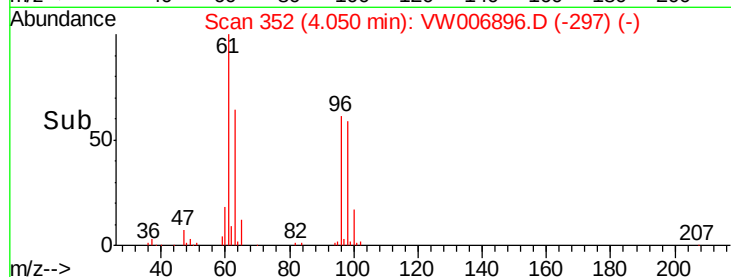
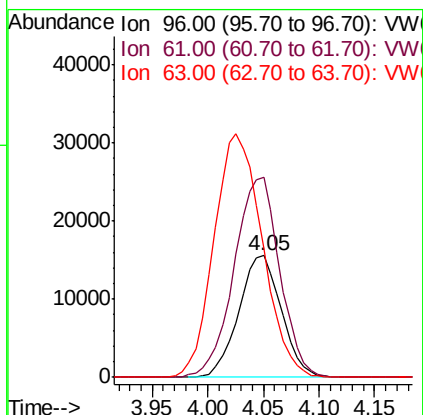
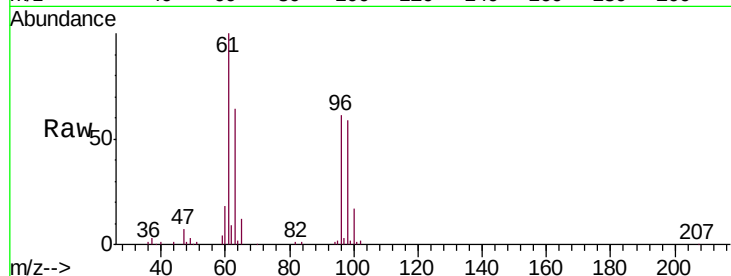




#12
 1,1-Dichloroethene
 Concen: 22.975 ug/L
 RT: 4.05 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VW006896.D
 Acq: 15 Nov 2018 14:44

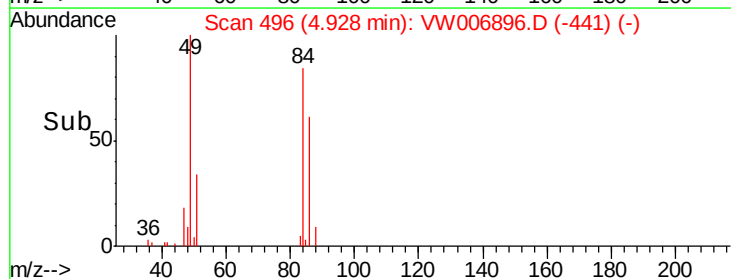
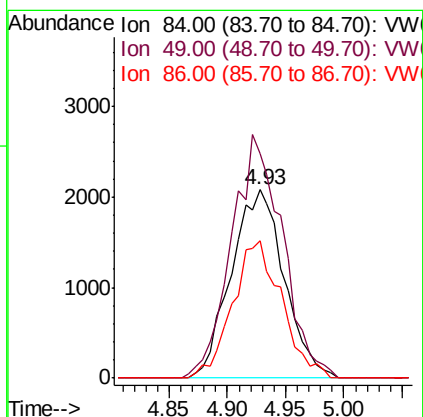
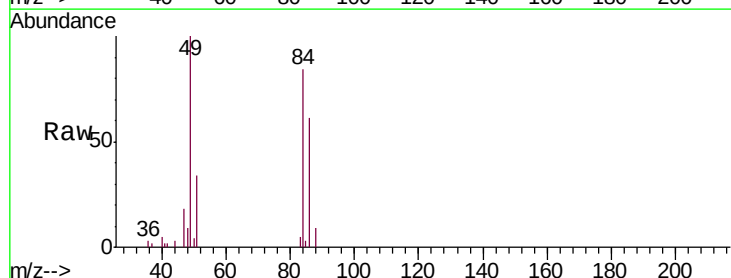
Instrument :
 MSVOA_W
 ClientSampleId :
 ETOA0MSMS

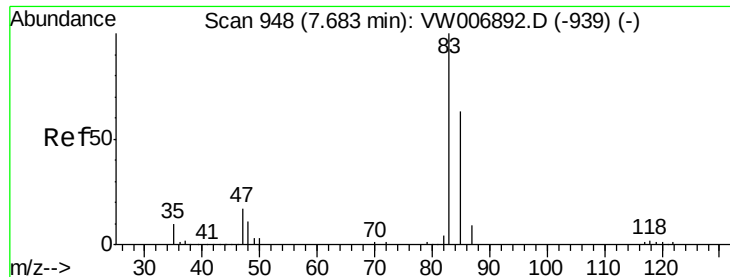
Tgt Ion: 96 Resp: 41467
 Ion Ratio Lower Upper
 96 100
 61 164.8 116.3 215.9
 63 105.8 73.4 136.4



#16
 Methylene chloride
 Concen: 2.386 ug/L
 RT: 4.93 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VW006896.D
 Acq: 15 Nov 2018 14:44

Tgt Ion: 84 Resp: 6591
 Ion Ratio Lower Upper
 84 100
 49 119.0 79.3 147.3
 86 72.8 43.5 80.9

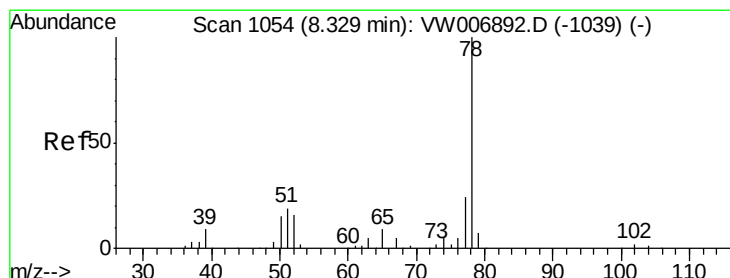
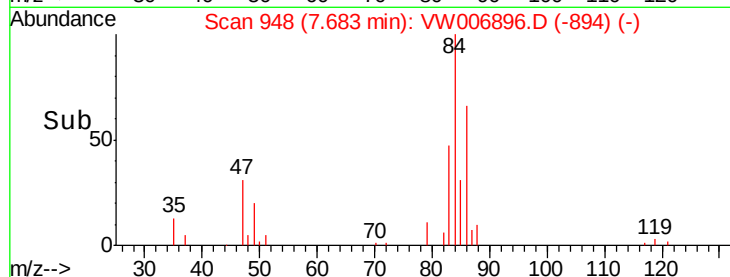
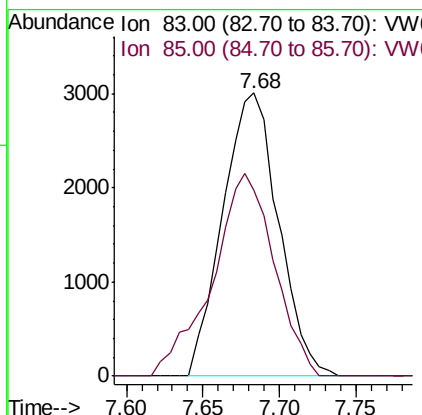
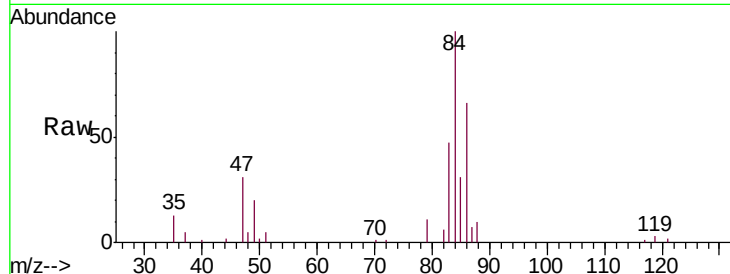




#25
Chloroform
Concen: 1.959 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW006896.D
Acq: 15 Nov 2018 14:44

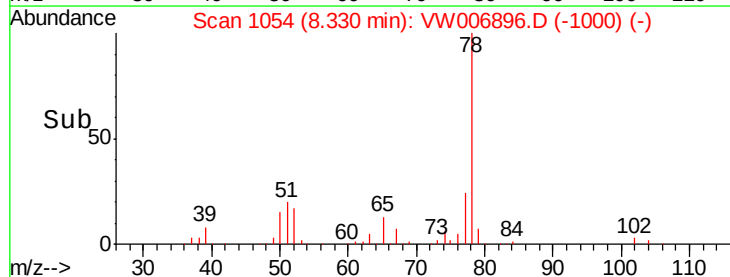
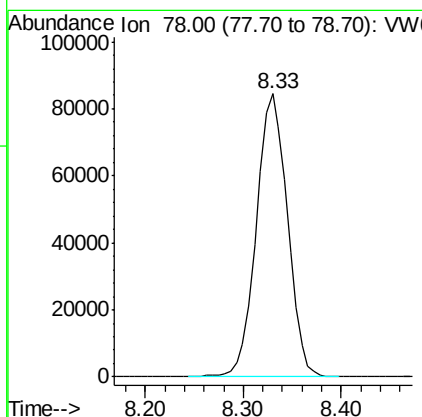
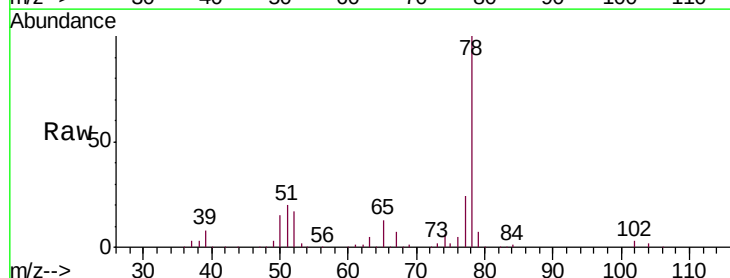
Instrument :
MSVOA_W
ClientSampleId :
ETOA0MSMS

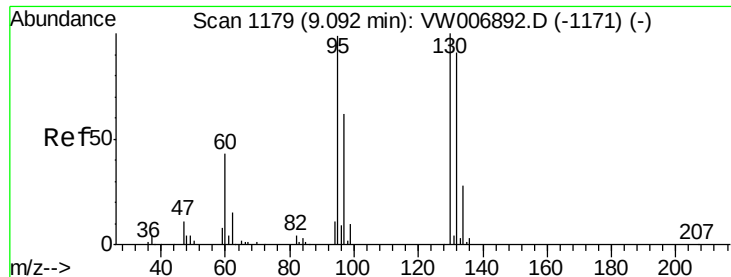
Tgt Ion: 83 Resp: 7618
Ion Ratio Lower Upper
83 100
85 79.3 45.4 84.2



#34
Benzene
Concen: 21.887 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006896.D
Acq: 15 Nov 2018 14:44

Tgt Ion: 78 Resp: 186834





#35

Trichloroethene

Concen: 21.487 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006896.D

Acq: 15 Nov 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

ETOA0MSMS

Tgt Ion: 95 Resp: 49958

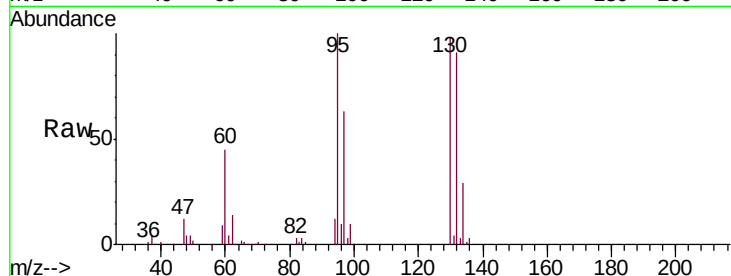
Ion Ratio Lower Upper

95 100

97 63.3 45.1 83.9

132 95.1 65.7 121.9

130 98.6 68.7 127.7

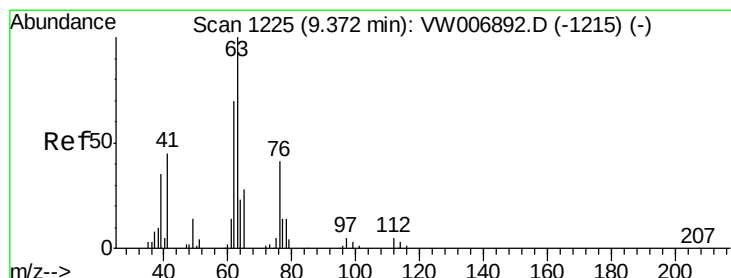
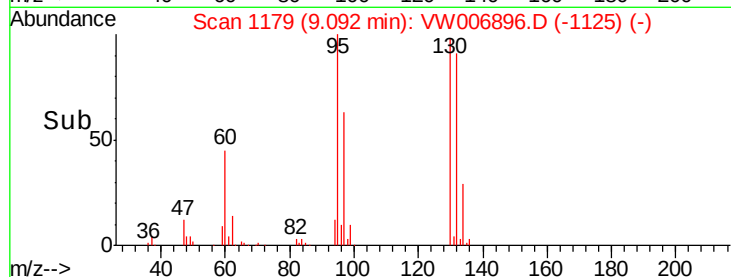
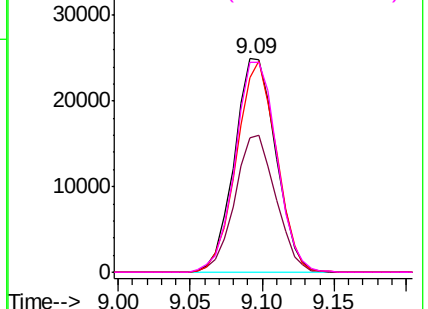


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.171 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006896.D

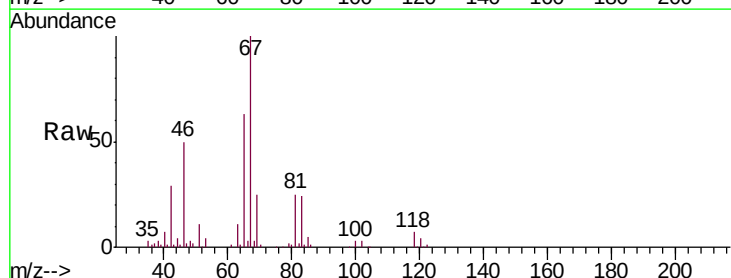
Acq: 15 Nov 2018 14:44

Tgt Ion: 63 Resp: 6669

Ion Ratio Lower Upper

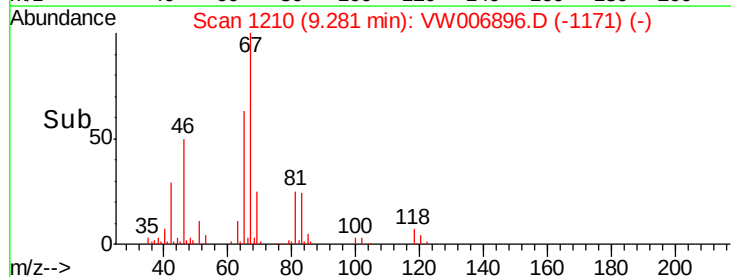
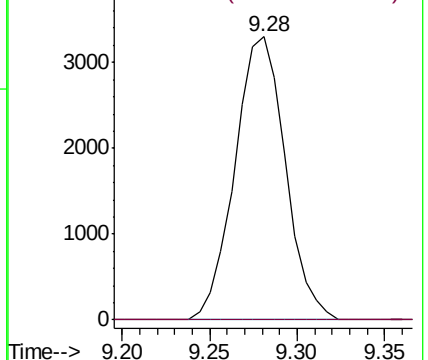
63 100

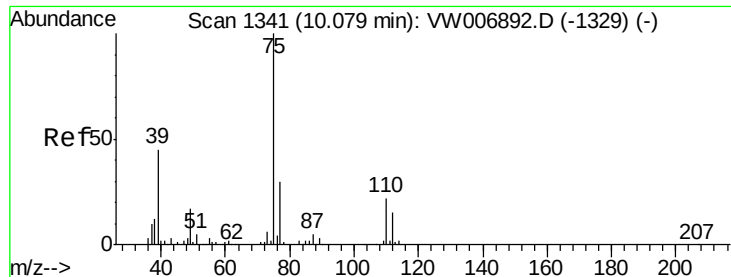
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloroprene

Concen: 0.524 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006896.D

Acq: 15 Nov 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

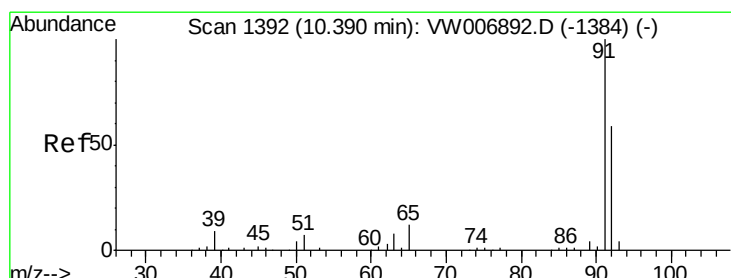
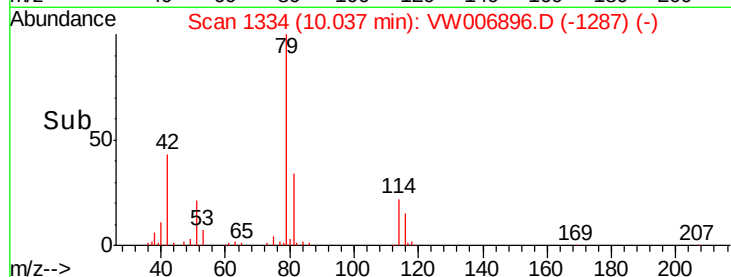
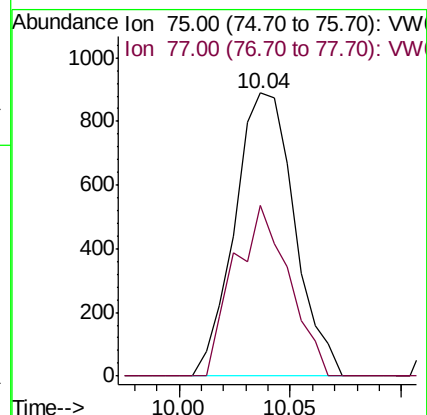
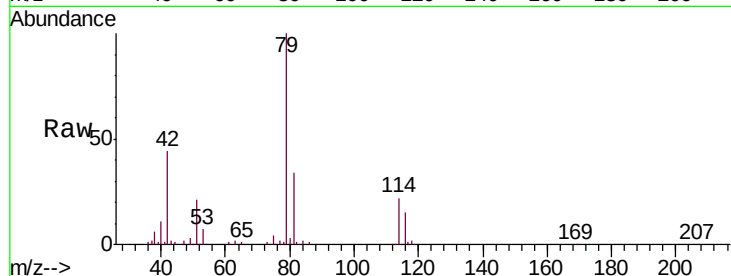
ETOAO0MSMS

Tgt Ion: 75 Resp: 1664

Ion Ratio Lower Upper

75 100

77 60.4 21.9 40.7#



#44

Toluene

Concen: 22.833 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006896.D

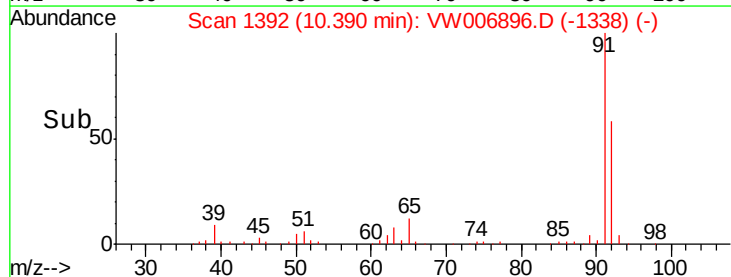
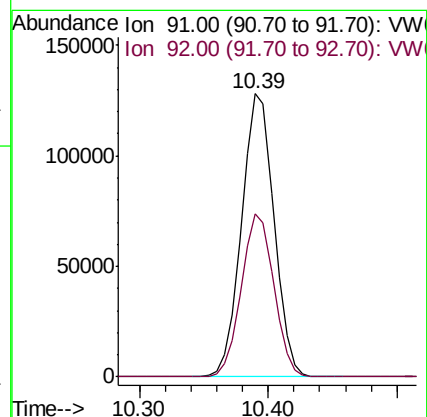
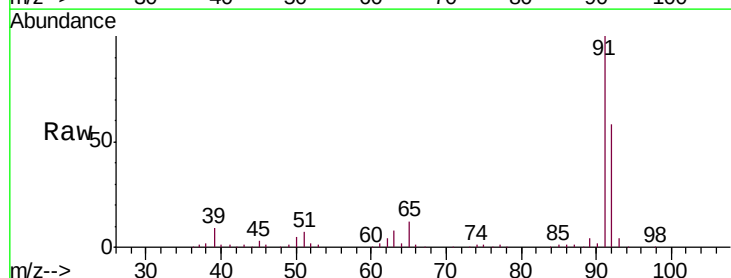
Acq: 15 Nov 2018 14:44

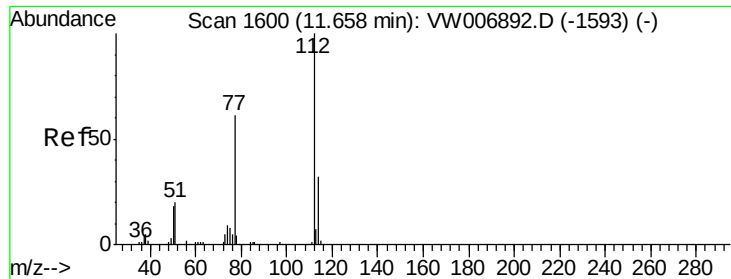
Tgt Ion: 91 Resp: 223170

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.3





#52
Chlorobenzene
Concen: 22.917 ug/L
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
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MSVOA_W
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ETOAA0MSMS

Tgt Ion	Ratio	Lower	Upper
112	100		
77	57.8	47.8	71.8
114	31.3	22.3	41.5

