

Data File : VW006899.D
Acq On : 15 Nov 2018 16:04
Operator : SY/AP
Sample : J5945-05
Misc : 6.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOA2

Quant Time: Nov 16 04:53:34 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	175246	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	166914	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	77087	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38985	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.24%
7) Chloroethane-d5	2.89	69	29839	26.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.56%
10) 1,1-Dichloroethene-d2	4.02	63	76378	18.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.52%
20) 2-Butanone-d5	7.09	46	33515	39.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.18%
24) Chloroform-d	7.65	84	93055	23.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	8.31	65	59596	27.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.88%
29) Benzene-d6	8.28	84	204962	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	63693	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.40%
37) Toluene-d8	10.33	98	211123	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.48%
38) trans-1,3-Dichloropropene-	10.58	79	27740	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.72%
39) 2-Hexanone-d5	10.93	63	26879	40.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	53355	23.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	70128	24.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.08%

Target Compounds

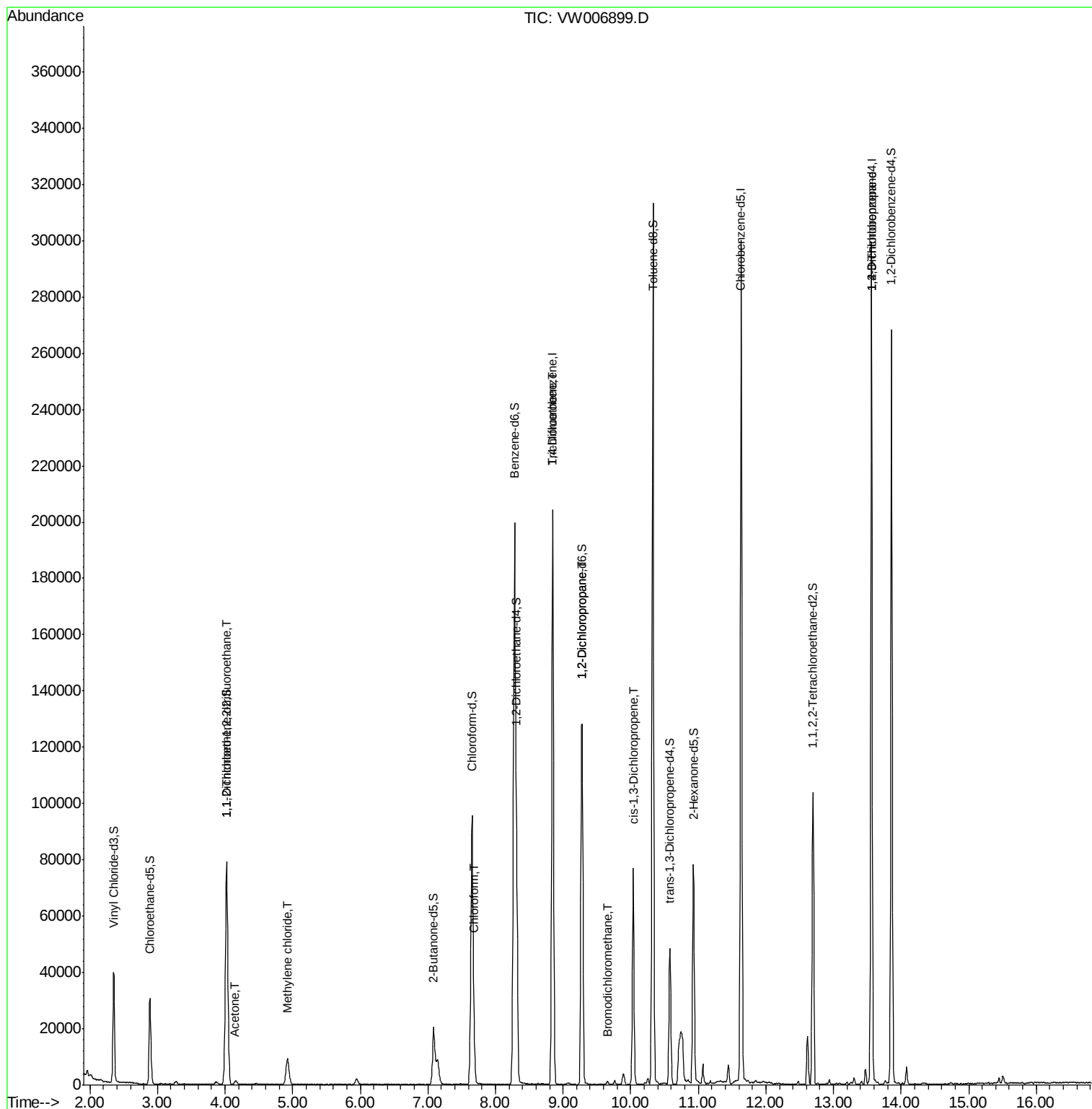
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	751	0.326 ug/L #	21
13) Acetone	4.14	43	865	1.566 ug/L	71
16) Methylene chloride	4.92	84	7607	2.482 ug/L	91
25) Chloroform	7.68	83	8803	2.041 ug/L	80
35) Trichloroethene	8.85	95	5450	2.144 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	7193	3.128 ug/L #	88
41) Bromodichloromethane	9.65	83	743	0.263 ug/L #	88
42) cis-1,3-Dichloropropene	10.03	75	1870	0.539 ug/L	84
59) 1,2,3-Trichloropropane	13.56	75	9264	5.325 ug/L	91

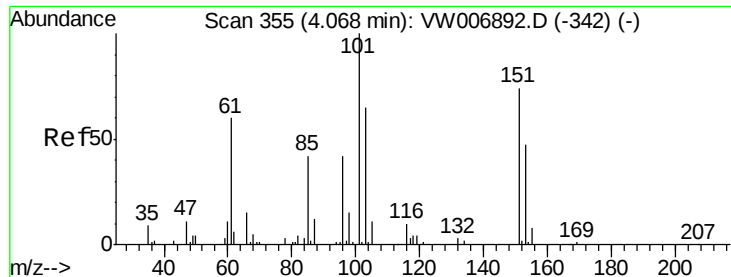
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.326 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.04 min

Lab File: VW006899.D

Acq: 15 Nov 2018 16:04

Instrument :

MSVOA_W

ClientSampleId :

ETOA2

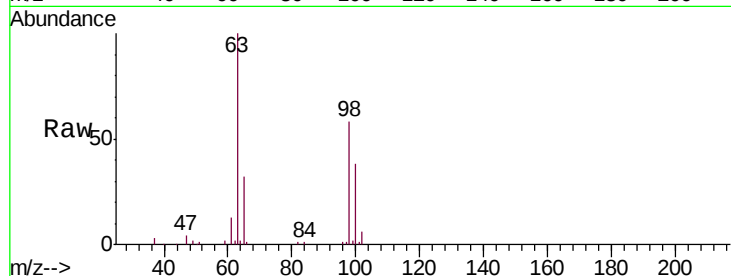
Tgt Ion: 101 Resp: 751

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.8#

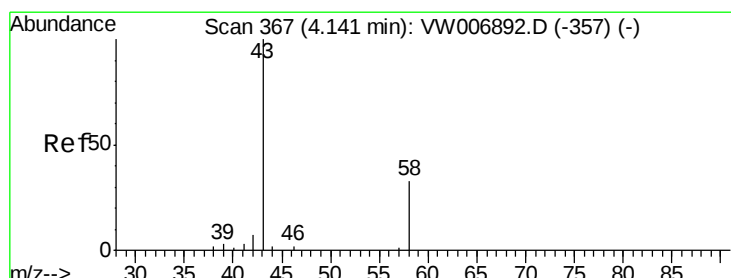
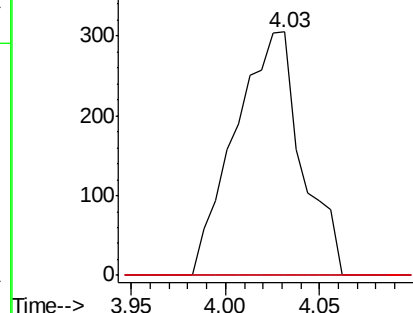
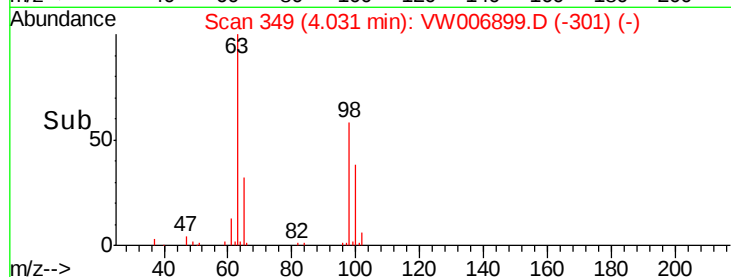
151 0.0 57.5 86.3#



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: 1.566 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

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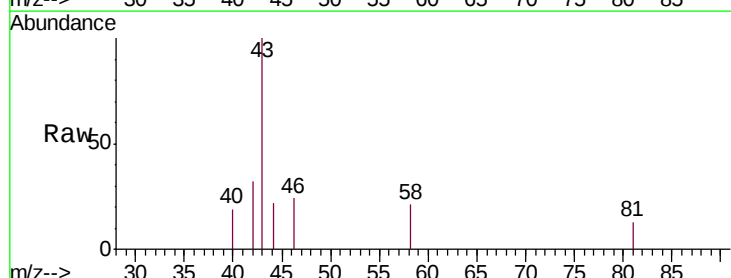
Acq: 15 Nov 2018 16:04

Tgt Ion: 43 Resp: 865

Ion Ratio Lower Upper

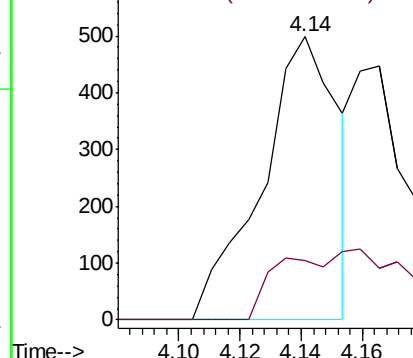
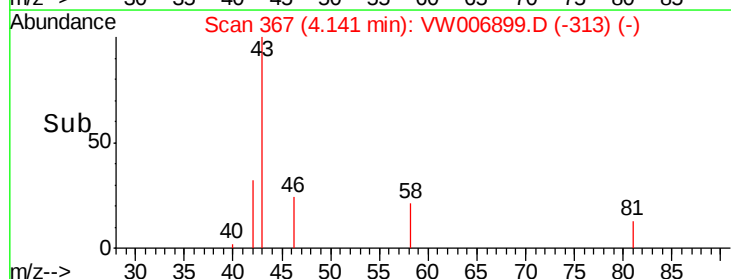
43 100

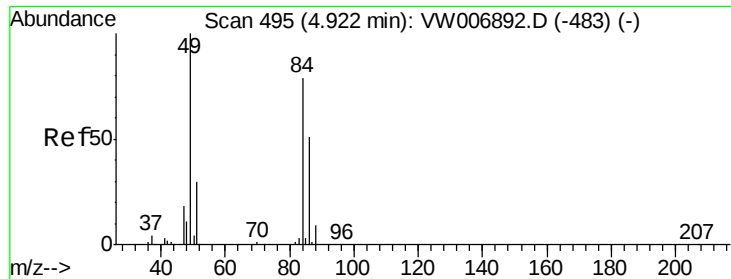
58 16.4 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

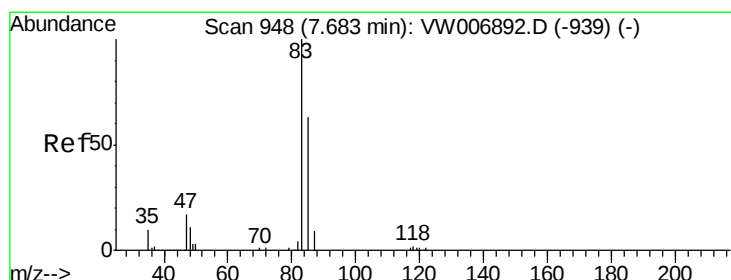
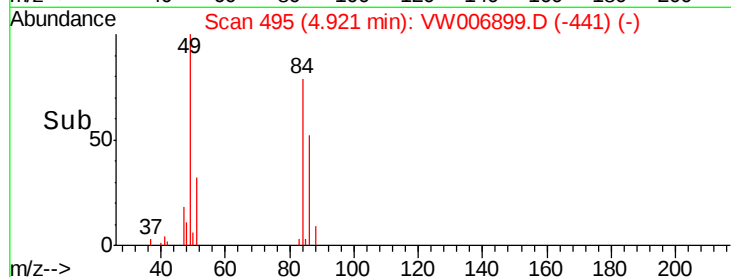
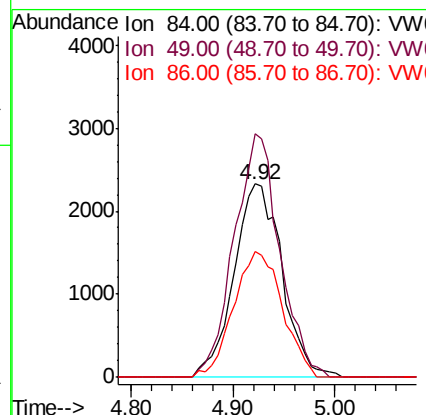
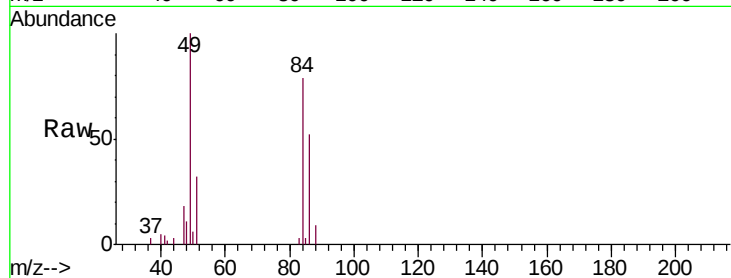




#16
Methylene chloride
Concen: 2.482 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW006899.D
Acq: 15 Nov 2018 16:04

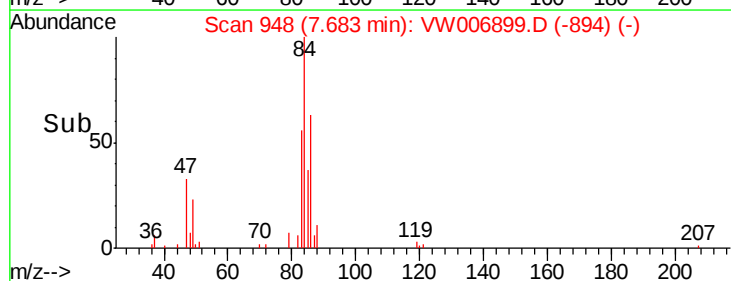
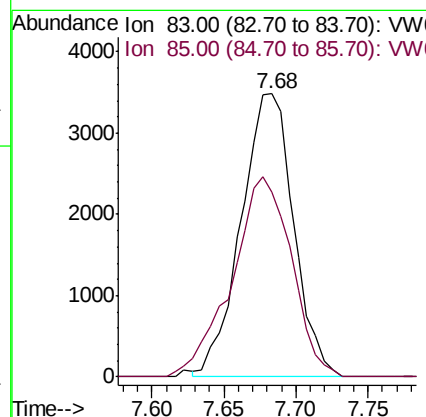
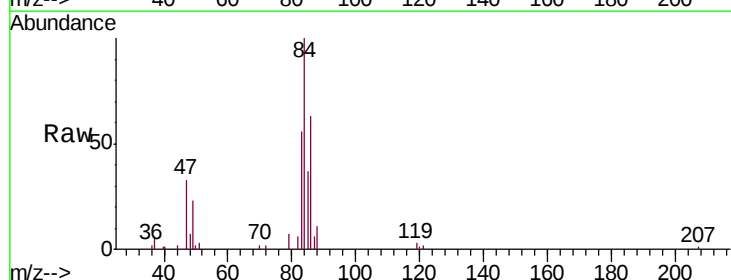
Instrument :
MSVOA_W
ClientSampleId :
ETOA2

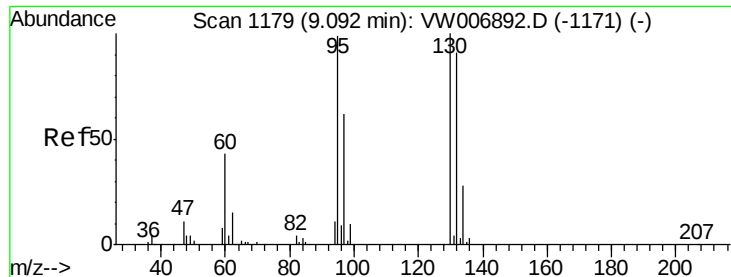
Tgt Ion: 84 Resp: 7607
Ion Ratio Lower Upper
84 100
49 125.8 79.3 147.3
86 65.0 43.5 80.9



#25
Chloroform
Concen: 2.041 ug/L
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW006899.D
Acq: 15 Nov 2018 16:04

Tgt Ion: 83 Resp: 8803
Ion Ratio Lower Upper
83 100
85 80.4 45.4 84.2

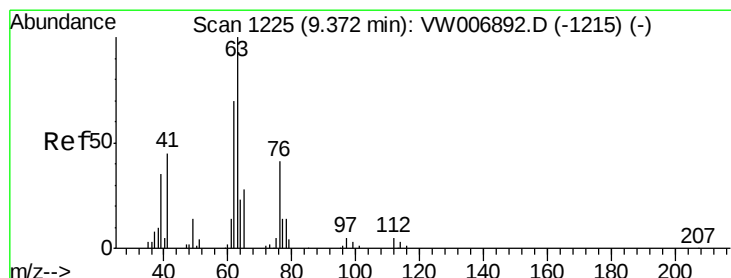
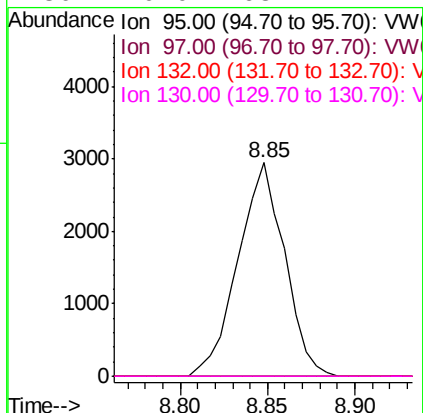
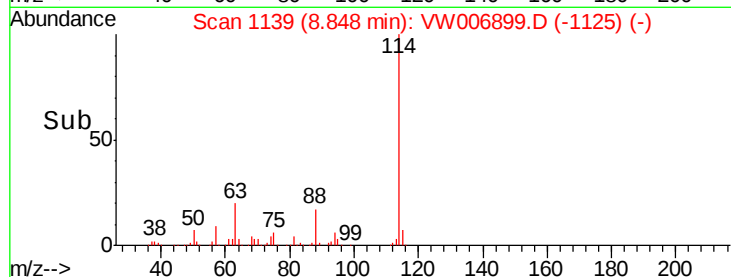
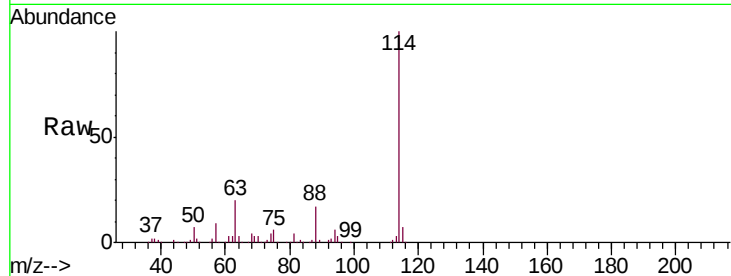




#35
 Trichloroethene
 Concen: 2.144 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW006899.D
 Acq: 15 Nov 2018 16:04

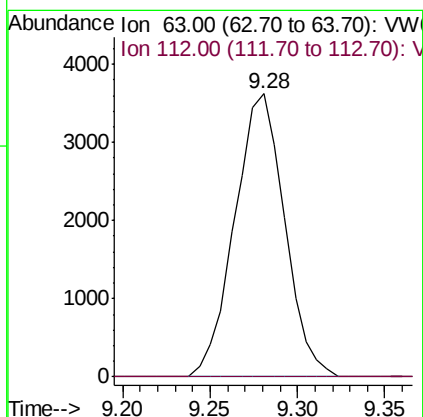
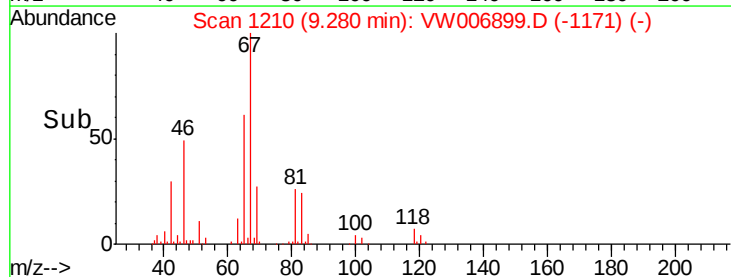
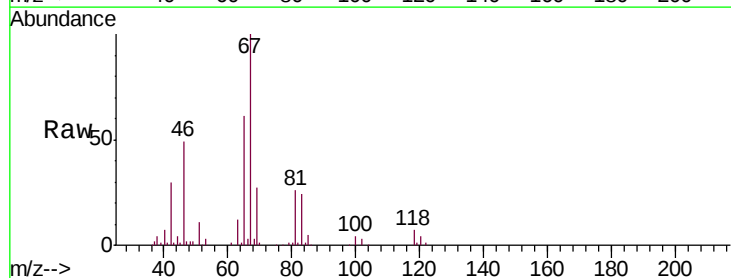
Instrument :
 MSVOA_W
 ClientSampleId :
 ETOA2

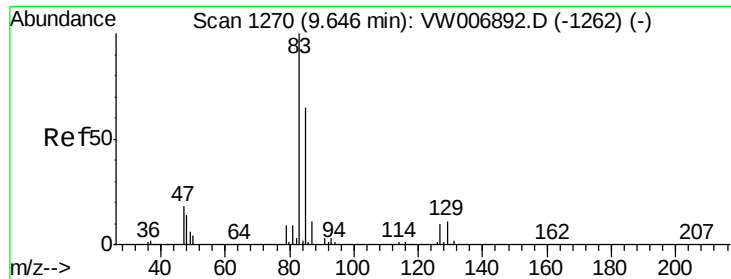
Tgt Ion: 95 Resp: 5450
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.1 83.9#
 132 0.0 65.7 121.9#
 130 0.0 68.7 127.7#



#40
 1,2-Dichloropropane
 Concen: 3.128 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW006899.D
 Acq: 15 Nov 2018 16:04

Tgt Ion: 63 Resp: 7193
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#

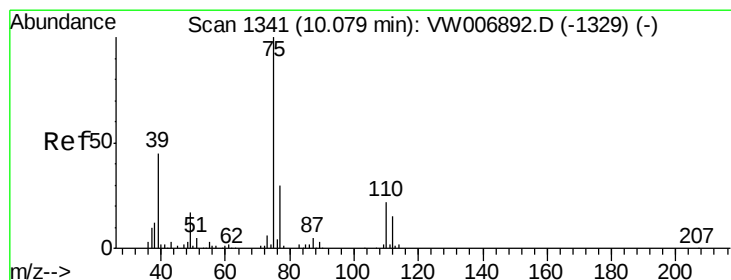
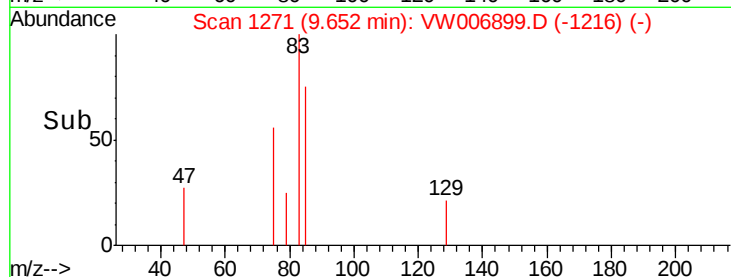
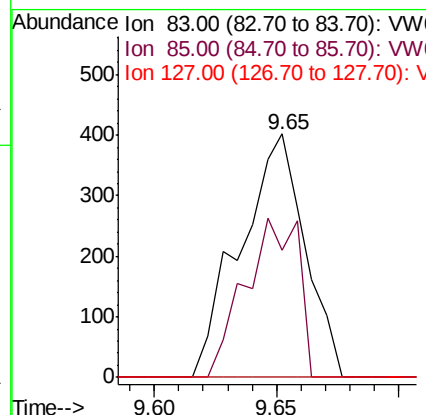
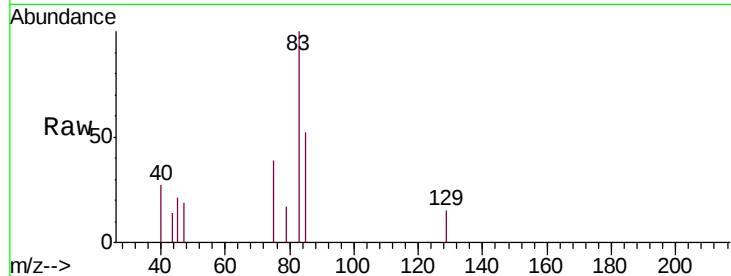




#41
 Bromodichloromethane
 Concen: 0.263 ug/L
 RT: 9.65 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VW006899.D
 Acq: 15 Nov 2018 16:04

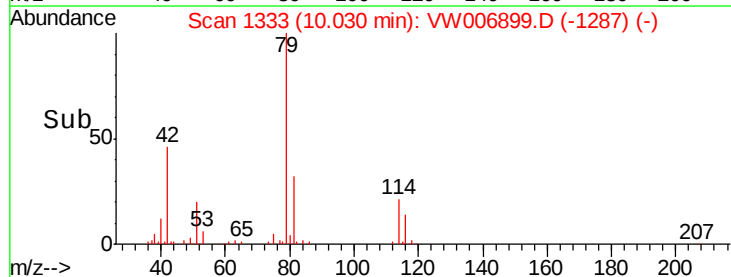
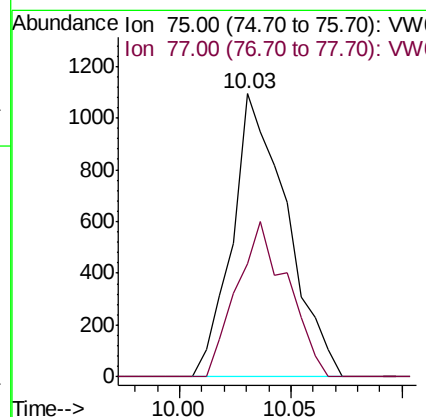
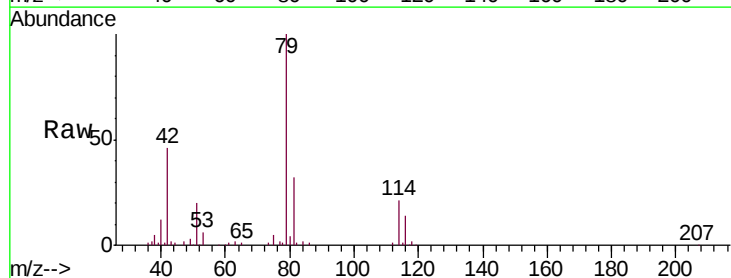
Instrument :
 MSVOA_W
 ClientSampleId :
 ETOA2

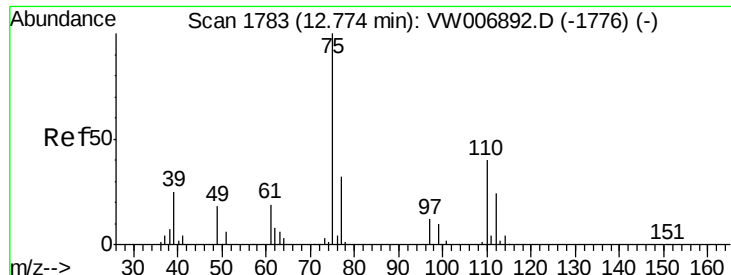
Tgt Ion: 83 Resp: 743
 Ion Ratio Lower Upper
 83 100
 85 52.5 42.4 78.6
 127 0.0 6.5 9.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.539 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.05 min
 Lab File: VW006899.D
 Acq: 15 Nov 2018 16:04

Tgt Ion: 75 Resp: 1870
 Ion Ratio Lower Upper
 75 100
 77 40.2 21.9 40.7





#59

1,2,3-Trichloropropane

Concen: 5.325 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006899.D

Acq: 15 Nov 2018 16:04

Instrument :

MSVOA_W

ClientSampleId :

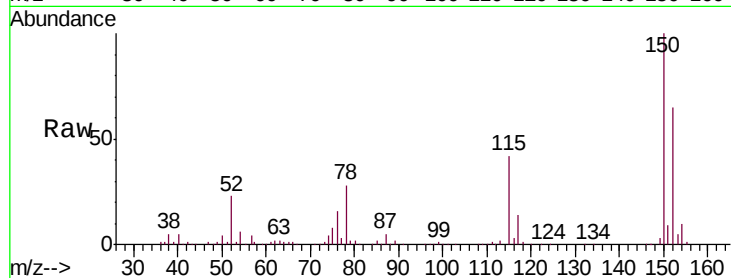
ETOA2

Tgt Ion: 75 Resp: 9264

Ion Ratio Lower Upper

75 100

77 38.1 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

