

Data File : VW006924.D
Acq On : 16 Nov 2018 18:39
Operator : SY/AP
Sample : J5979-05
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETO66

Quant Time: Nov 16 23:55:19 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	152028	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	131836	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	47488	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	32273	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.64%
7) Chloroethane-d5	2.89	69	26050	26.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.24%
10) 1,1-Dichloroethene-d2	4.02	63	65298	18.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.44%
20) 2-Butanone-d5	7.09	46	25889	34.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.60%
24) Chloroform-d	7.65	84	83153	24.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	8.31	65	51644	27.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.76%
29) Benzene-d6	8.28	84	172880	25.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.36%
33) 1,2-Dichloropropane-d6	9.28	67	53563	25.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.56%
37) Toluene-d8	10.33	98	168479	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
38) trans-1,3-Dichloropropene-	10.58	79	20730	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.52%
39) 2-Hexanone-d5	10.93	63	21722	41.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	43130	23.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	42109	23.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.68%

Target Compounds

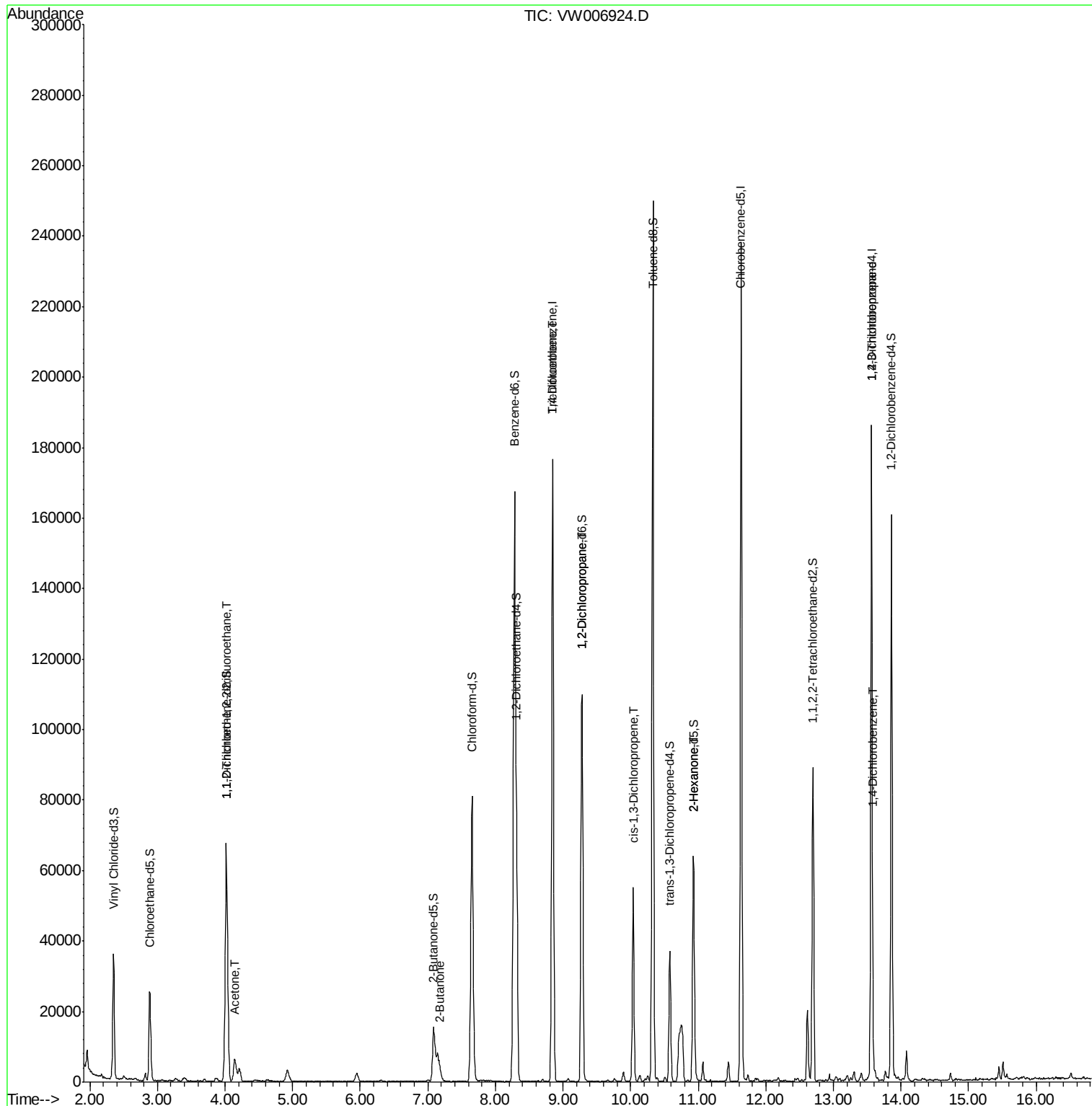
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	667	0.333	ug/L #	21
13) Acetone	4.14	43	11049	23.057	ug/L	98
21) 2-Butanone	7.18	43	4989	6.034	ug/L	80
35) Trichloroethene	8.85	95	4821	2.401	ug/L #	6
40) 1,2-Dichloropropane	9.28	63	5858	3.225	ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1311	0.478	ug/L #	67
49) 2-Hexanone	10.93	43	4633	4.397	ug/L #	58
59) 1,2,3-Trichloropropane	13.56	75	6526	4.749	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	2954	0.961	ug/L	95

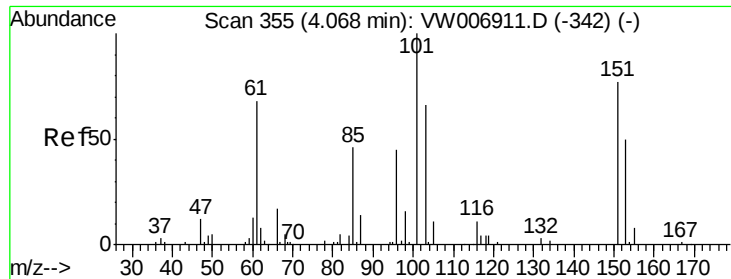
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.333 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

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Instrument :

MSVOA_W

ClientSampleId :

ETO66

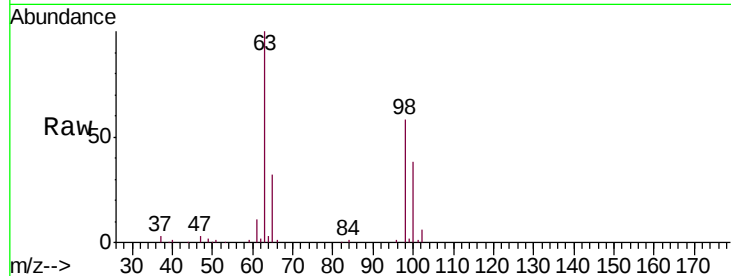
Tgt Ion:101 Resp: 667

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.8#

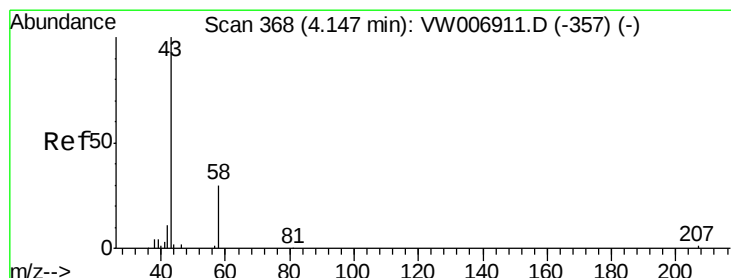
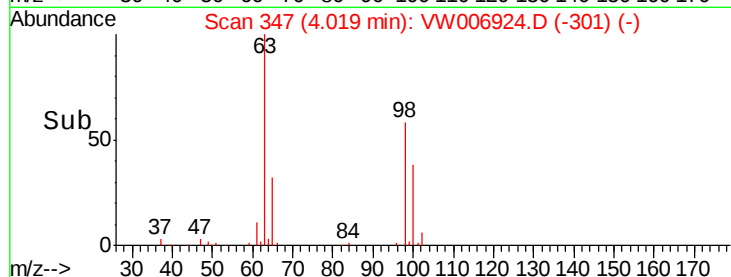
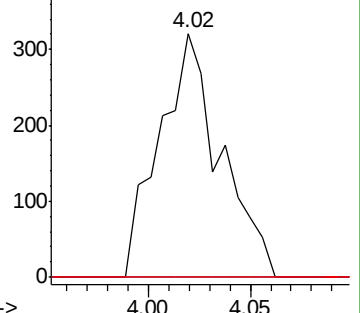
151 0.0 57.5 86.3#



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: 23.057 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006924.D

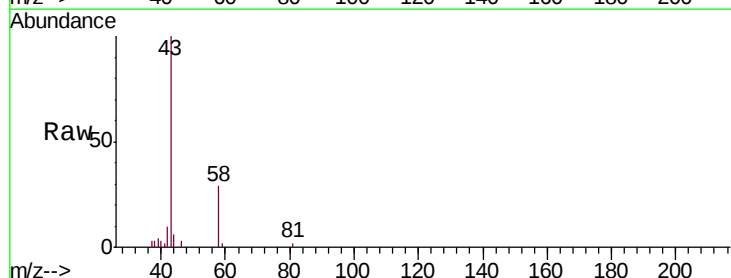
Acq: 16 Nov 2018 18:39

Tgt Ion: 43 Resp: 11049

Ion Ratio Lower Upper

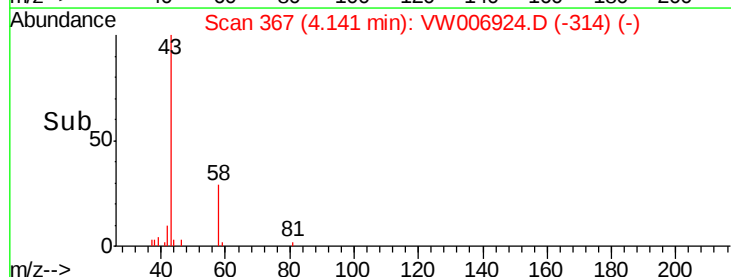
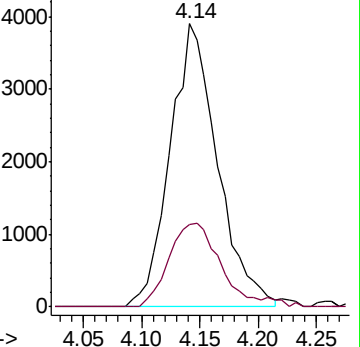
43 100

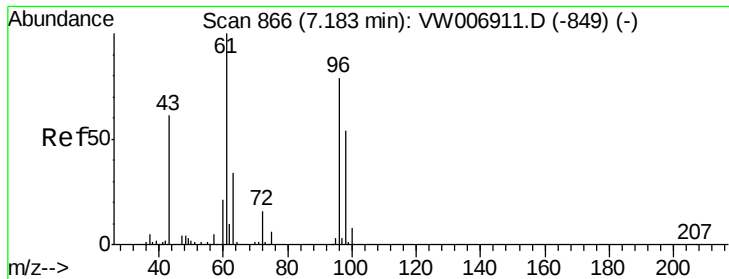
58 31.6 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

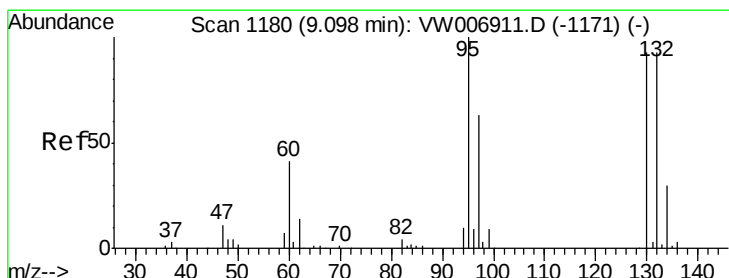
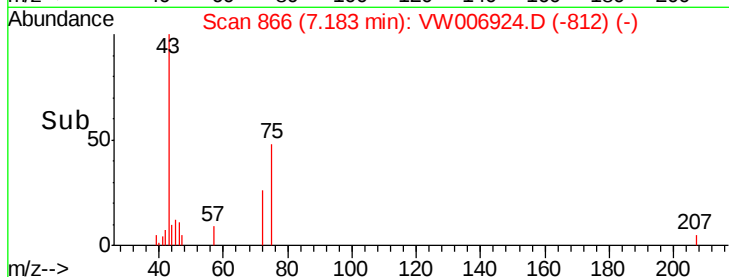
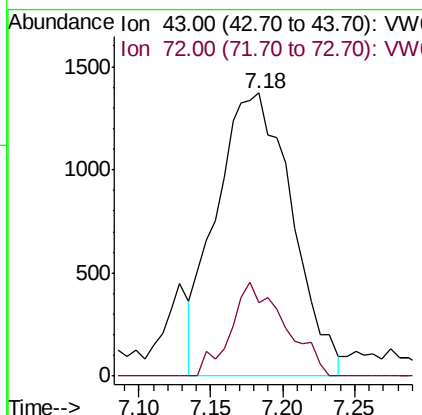
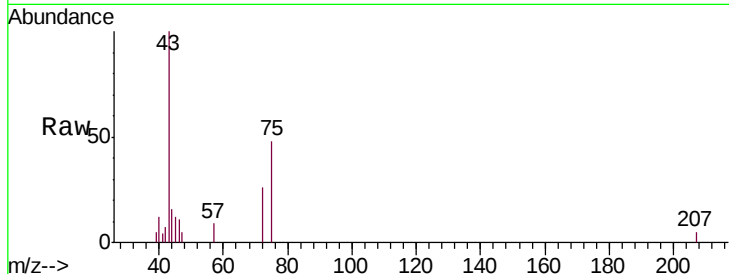




#21
 2-Butanone
 Concen: 6.034 ug/L
 RT: 7.18 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VW006924.D
 Acq: 16 Nov 2018 18:39

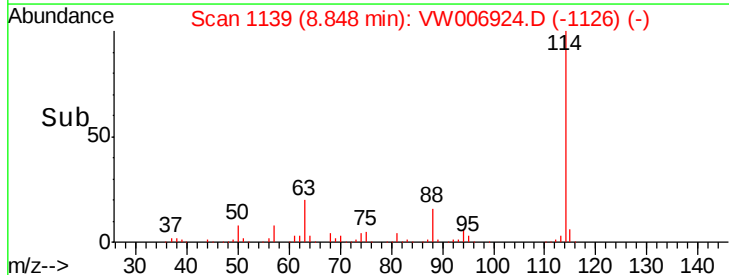
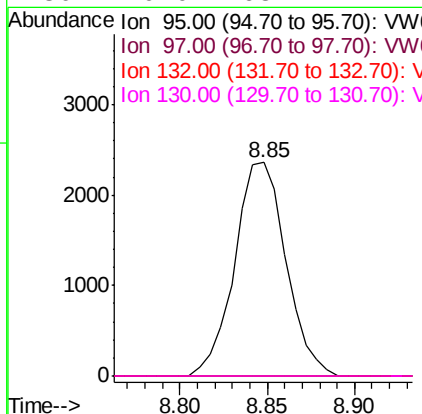
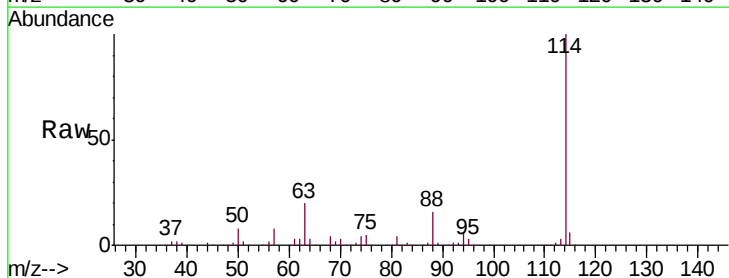
Instrument :
 MSVOA_W
 ClientSampled :
 ETO66

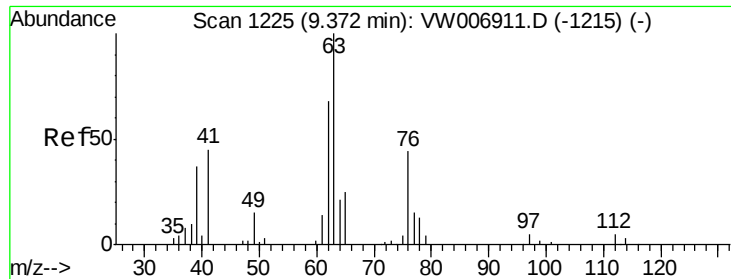
Tgt Ion: 43 Resp: 4989
 Ion Ratio Lower Upper
 43 100
 72 16.7 13.5 40.5



#35
 Trichloroethene
 Concen: 2.401 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.25 min
 Lab File: VW006924.D
 Acq: 16 Nov 2018 18:39

Tgt Ion: 95 Resp: 4821
 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#

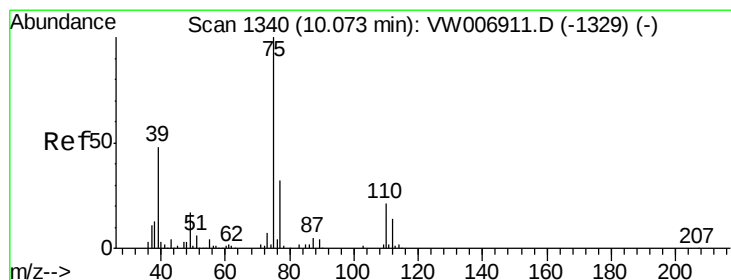
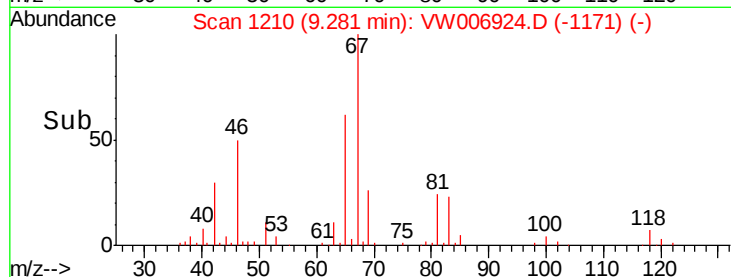
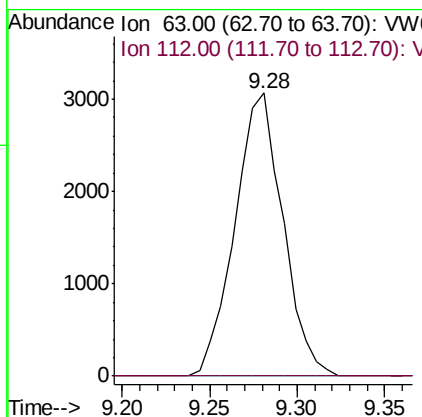
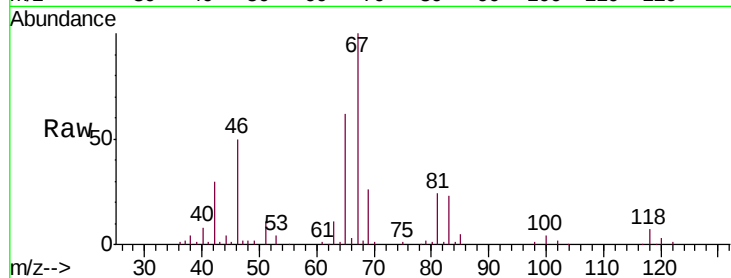




#40
 1,2-Dichloropropane
 Concen: 3.225 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW006924.D
 Acq: 16 Nov 2018 18:39

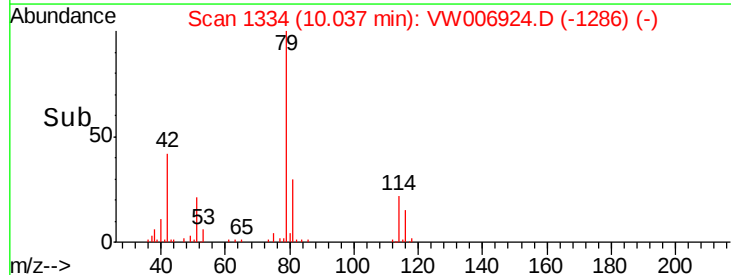
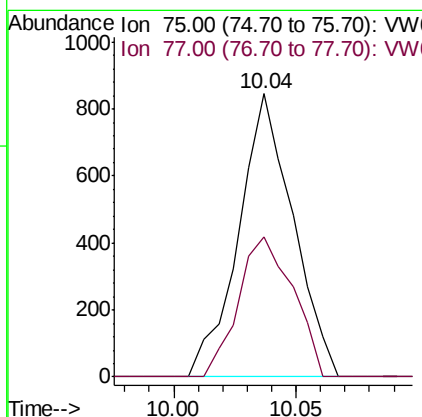
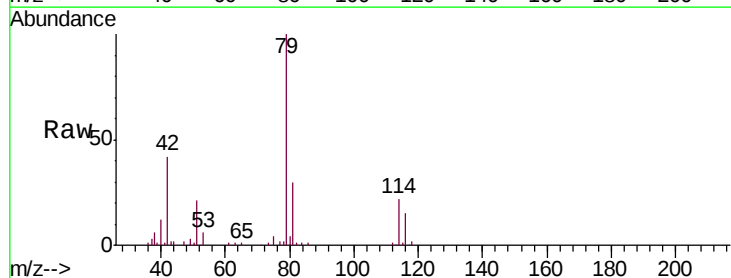
Instrument :
 MSVOA_W
 ClientSampled :
 ETO66

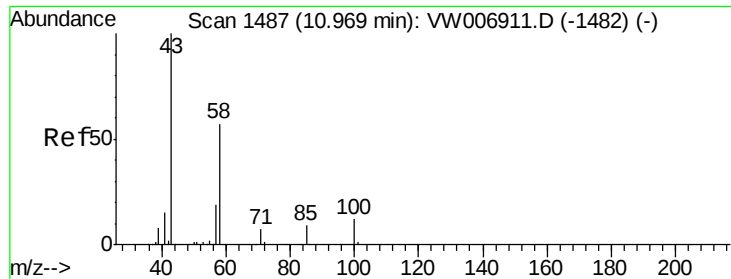
Tgt Ion: 63 Resp: 5858
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.478 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW006924.D
 Acq: 16 Nov 2018 18:39

Tgt Ion: 75 Resp: 1311
 Ion Ratio Lower Upper
 75 100
 77 49.3 21.9 40.7#





#49

2-Hexanone

Concen: 4.397 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006924.D

Acq: 16 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

ETO66

Tgt Ion: 43 Resp: 4633

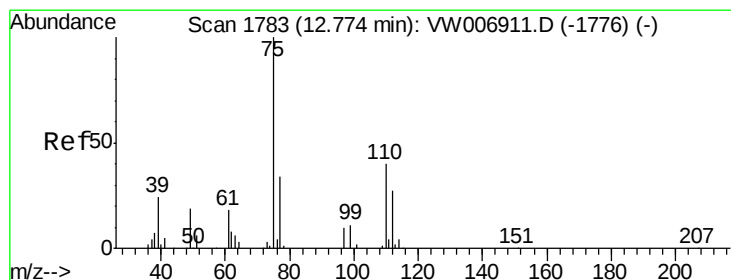
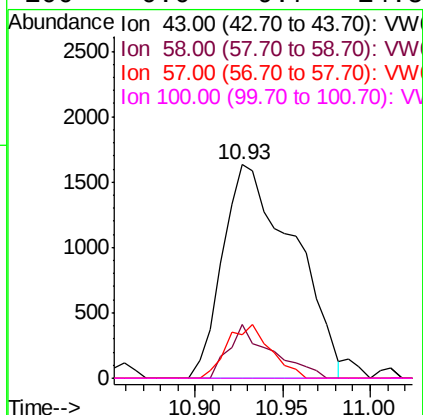
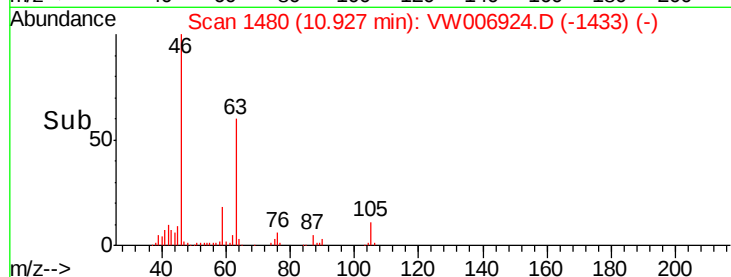
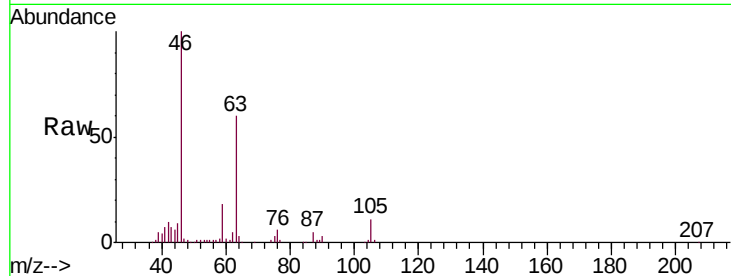
Ion Ratio Lower Upper

43 100

58 15.2 44.6 67.0#

57 15.3 16.0 24.0#

100 0.0 9.7 14.5#



#59

1,2,3-Trichloropropane

Concen: 4.749 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006924.D

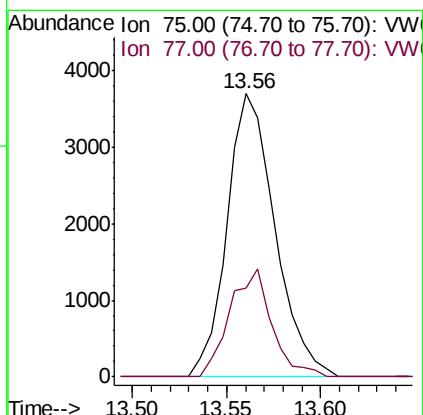
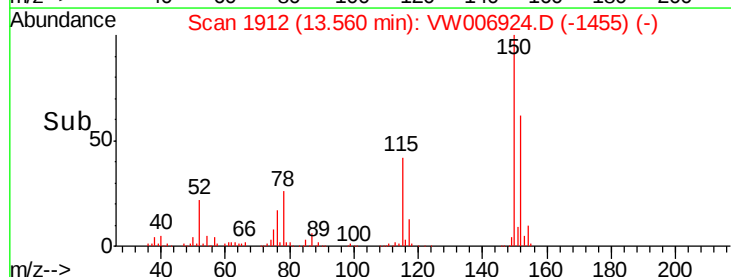
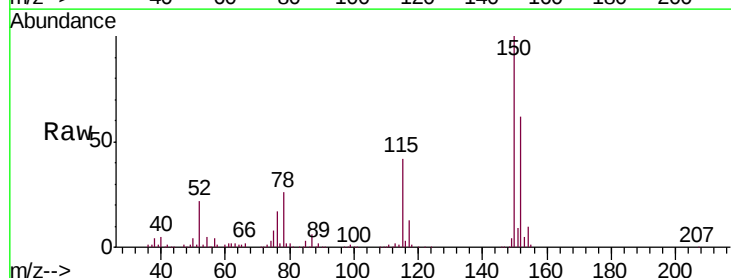
Acq: 16 Nov 2018 18:39

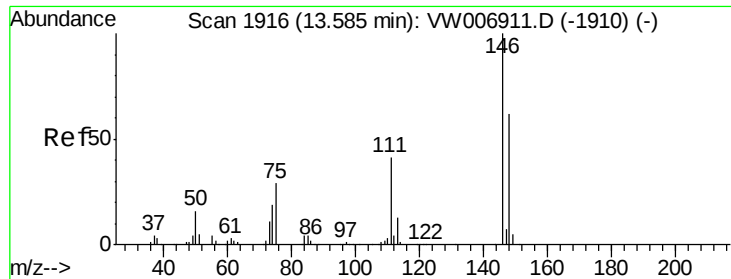
Tgt Ion: 75 Resp: 6526

Ion Ratio Lower Upper

75 100

77 33.1 26.5 39.7





#64
 1,4-Dichlorobenzene
 Concen: 0.961 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006924.D
 Acq: 16 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 ETO66

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.6	28.8	53.4
148	61.6	43.2	80.2

