

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006403.D
 Acq On : 26 Oct 2018 13:00
 Operator : SY/AP
 Sample : J5657-09
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40D0

Quant Time: Oct 26 23:48:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	349806	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324710	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	171479	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	75358	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
7) Chloroethane-d5	2.89	69	66541	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.40%
10) 1,1-Dichloroethene-d2	4.01	63	101740	13.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.72%
20) 2-Butanone-d5	7.09	46	39781	30.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.84%
24) Chloroform-d	7.65	84	129706	17.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.48%
26) 1,2-Dichloroethane-d4	8.31	65	75449	18.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.00%
29) Benzene-d6	8.27	84	274078	18.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.36%
33) 1,2-Dichloropropane-d6	9.27	67	77097	17.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.32%#
37) Toluene-d8	10.33	98	263687	17.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.56%
38) trans-1,3-Dichloropropene-	10.58	79	30940	14.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.24%
39) 2-Hexanone-d5	10.93	63	30655	28.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.04%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	71125	16.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	106290	18.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.32%#

Target Compounds

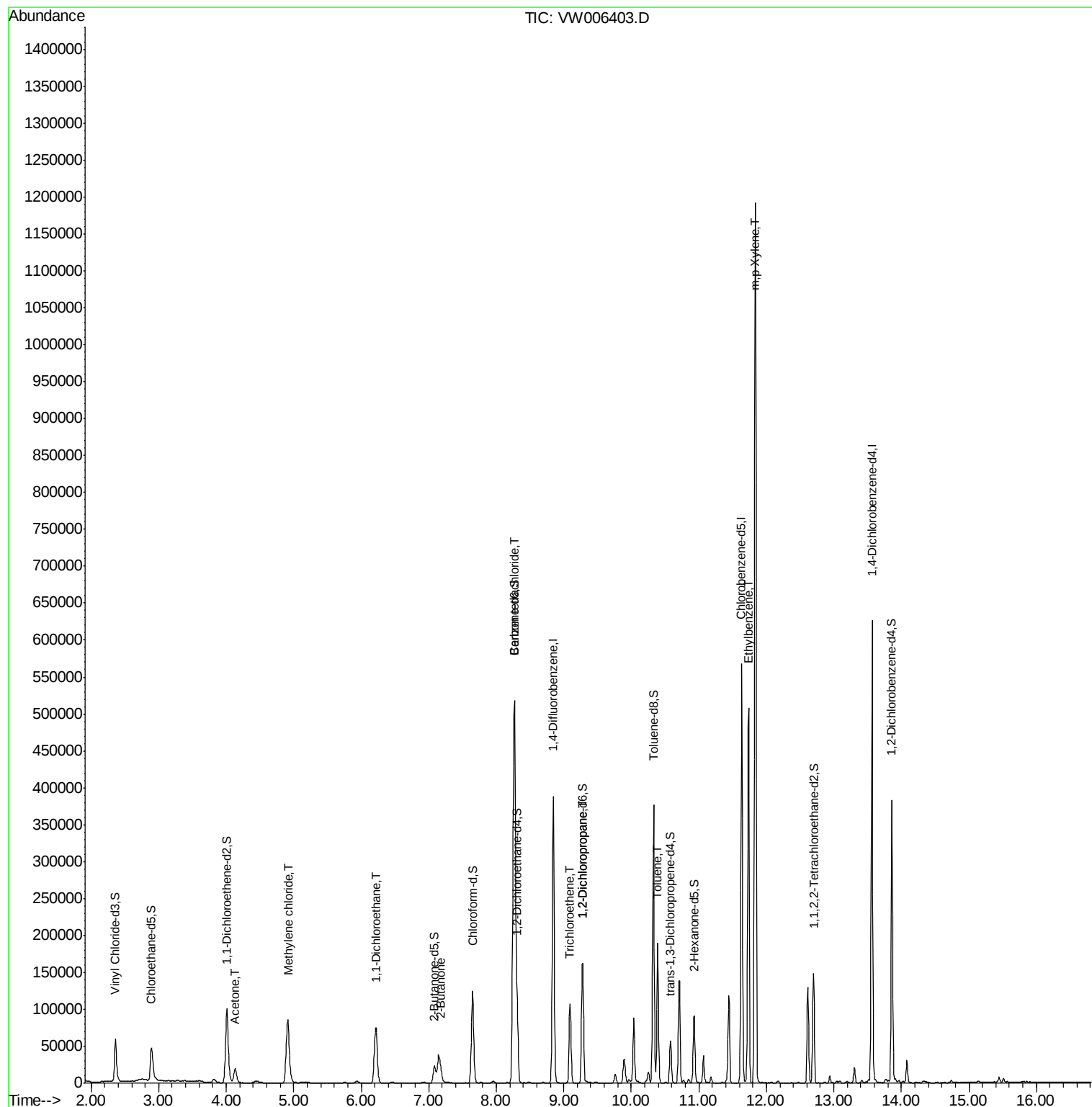
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.13	43	34052	25.776	ug/L	100
16) Methylene chloride	4.92	84	72645	16.085	ug/L	93
19) 1,1-Dichloroethane	6.22	63	108019	15.012	ug/L	99
21) 2-Butanone	7.18	43	19927	11.352	ug/L	99
32) Carbon tetrachloride	8.26	117	5189	0.779	ug/L #	29
35) Trichloroethene	9.09	95	36459	7.774	ug/L	99
40) 1,2-Dichloropropane	9.27	63	9167	2.217	ug/L #	87
44) Toluene	10.39	91	139656	7.462	ug/L	98
53) Ethylbenzene	11.74	91	361520	16.591	ug/L	99
54) m,p-Xylene	11.83	106	346027	40.513	ug/L	99

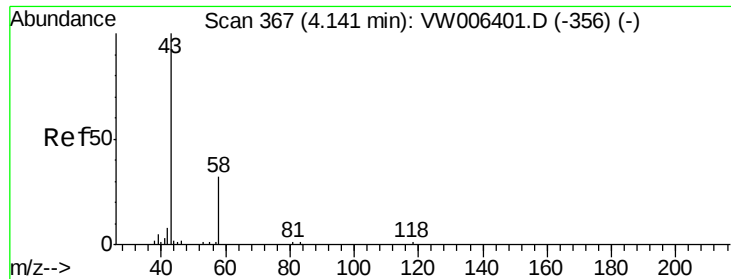
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 25.776 ug/L

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006403.D

Acq: 26 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampled :

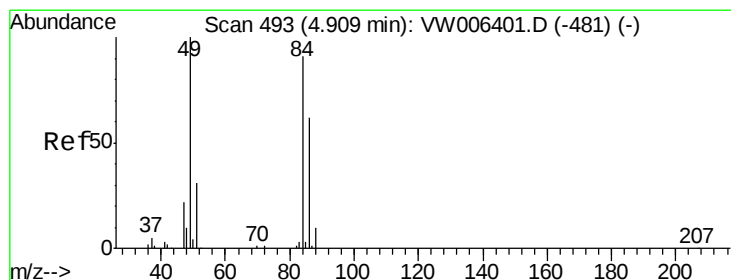
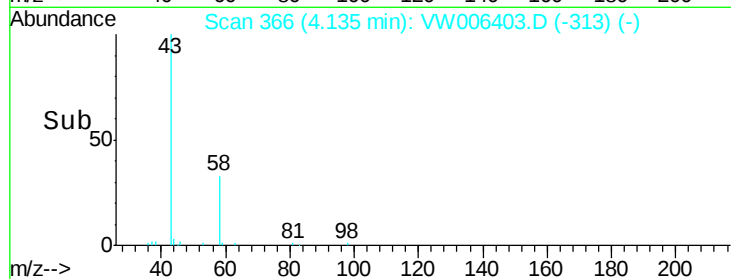
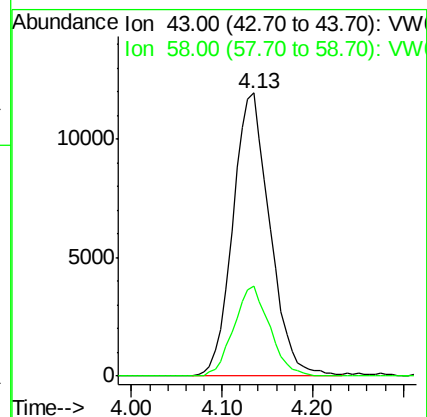
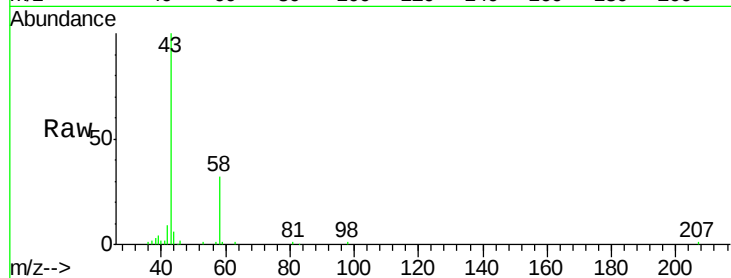
A40D0

Tgt Ion: 43 Resp: 34052

Ion Ratio Lower Upper

43 100

58 30.7 0.0 61.2



#16

Methylene chloride

Concen: 16.085 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW006403.D

Acq: 26 Oct 2018 13:00

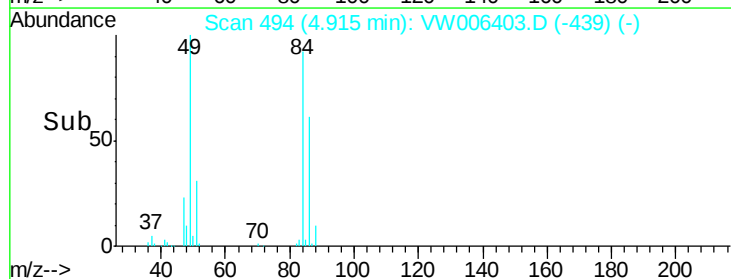
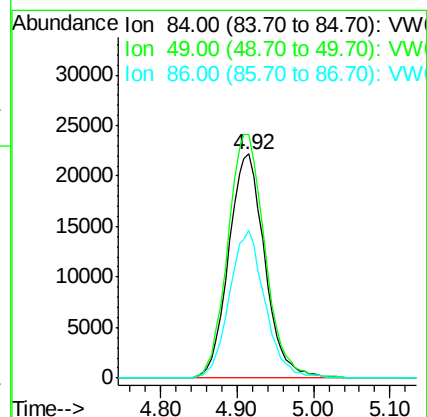
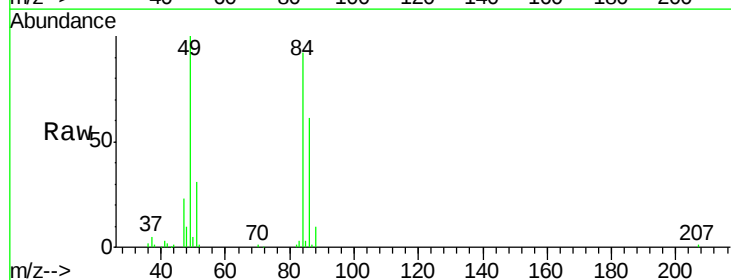
Tgt Ion: 84 Resp: 72645

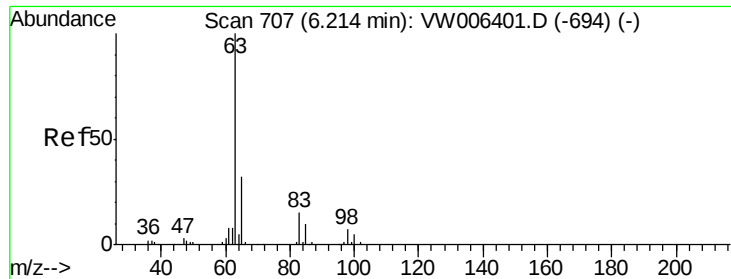
Ion Ratio Lower Upper

84 100

49 108.5 83.5 155.1

86 65.9 44.9 83.5

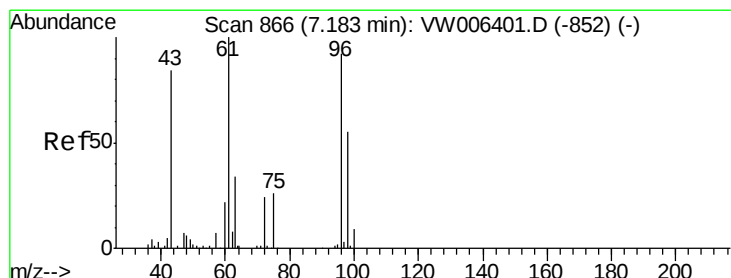
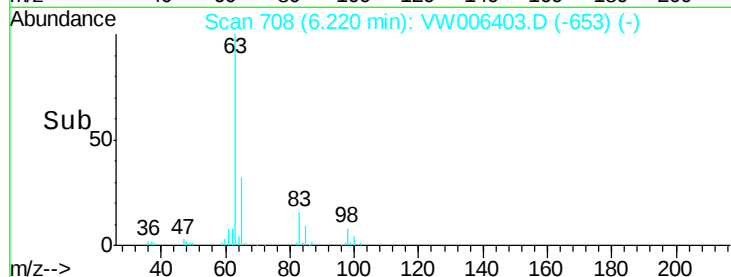
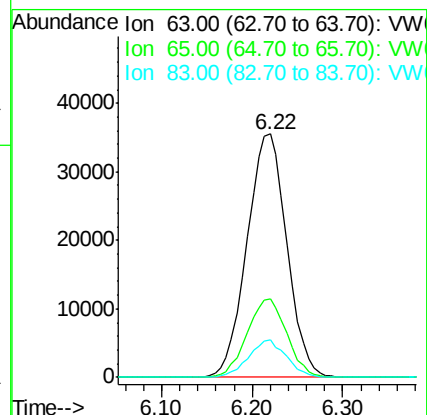
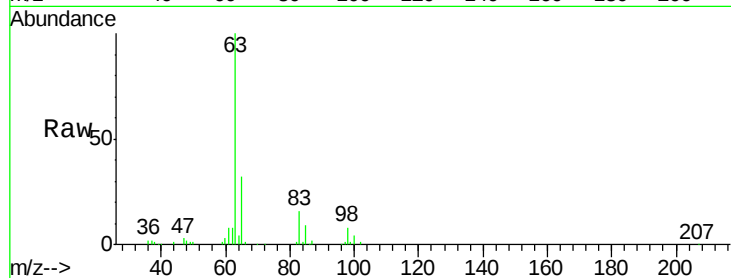




#19
 1,1-Dichloroethane
 Concen: 15.012 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW006403.D
 Acq: 26 Oct 2018 13:00

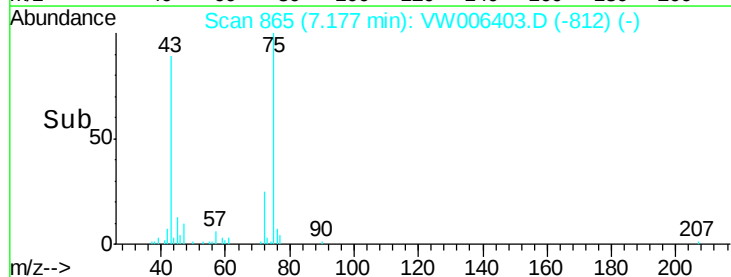
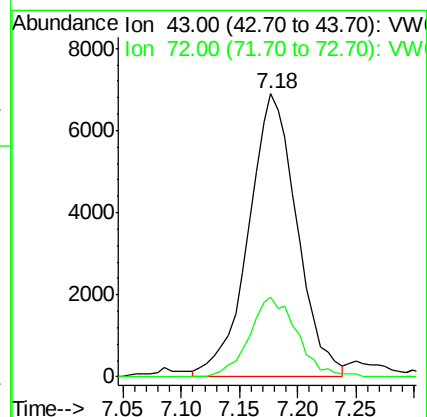
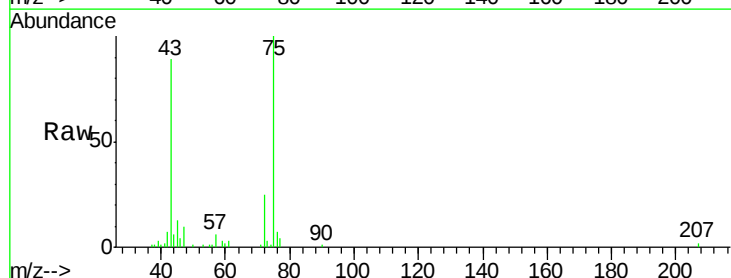
Instrument :
 MSVOA_W
 ClientSampleId :
 A40D0

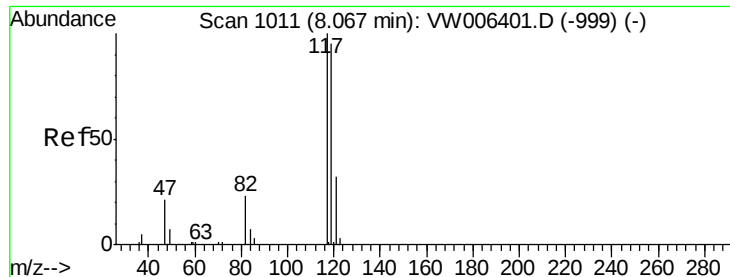
Tgt Ion: 63 Resp: 108019
 Ion Ratio Lower Upper
 63 100
 65 32.0 22.3 41.5
 83 15.5 9.7 18.1



#21
 2-Butanone
 Concen: 11.352 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW006403.D
 Acq: 26 Oct 2018 13:00

Tgt Ion: 43 Resp: 19927
 Ion Ratio Lower Upper
 43 100
 72 27.3 13.8 41.4





#32

Carbon tetrachloride

Concen: 0.779 ug/L

RT: 8.26 min Scan# 1043

Delta R.T. 0.19 min

Lab File: VW006403.D

Acq: 26 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

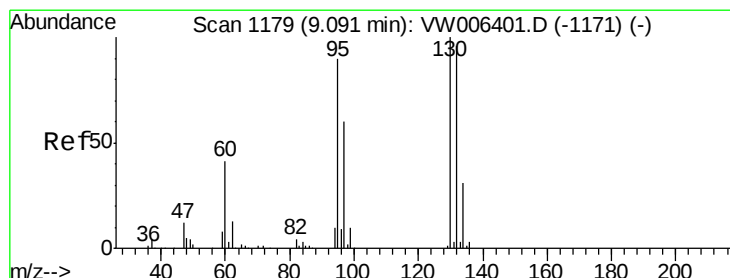
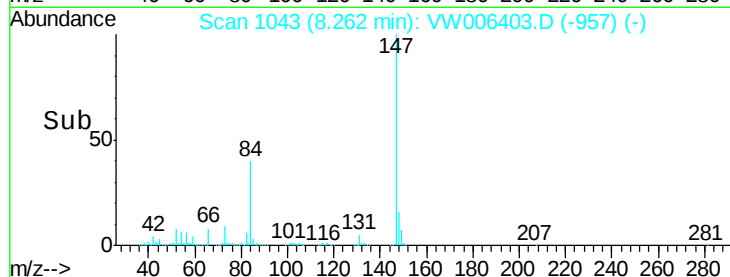
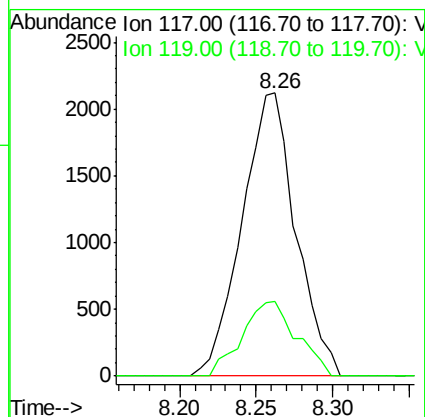
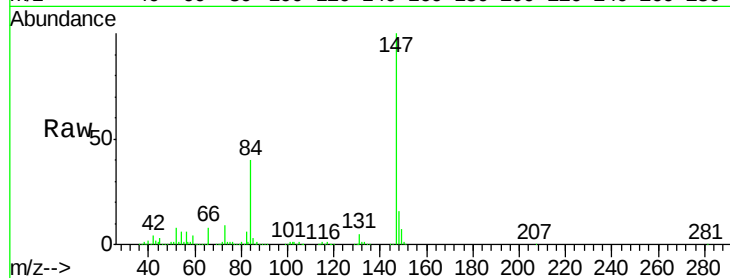
A40D0

Tgt Ion: 117 Resp: 5189

Ion Ratio Lower Upper

117 100

119 26.6 76.9 115.3#



#35

Trichloroethene

Concen: 7.774 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW006403.D

Acq: 26 Oct 2018 13:00

Tgt Ion: 95 Resp: 36459

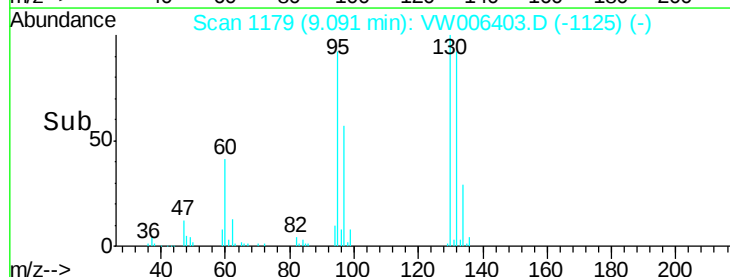
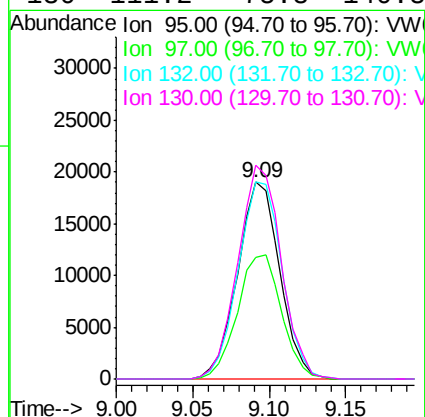
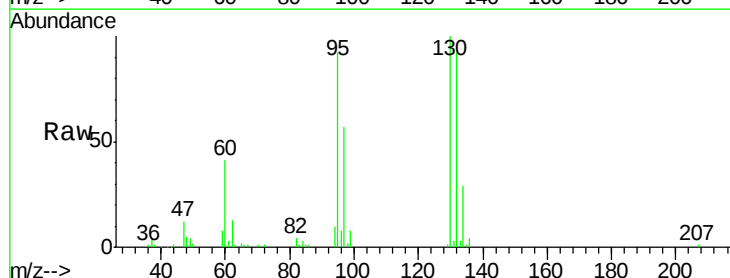
Ion Ratio Lower Upper

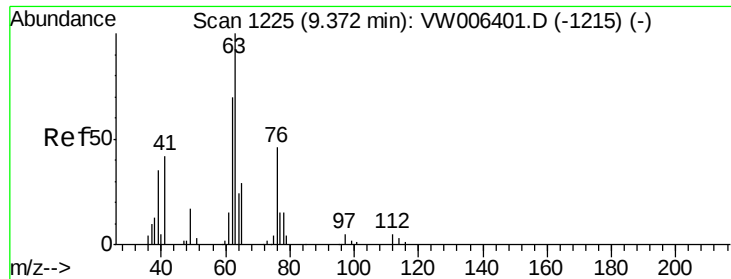
95 100

97 65.7 45.8 85.0

132 104.0 72.9 135.3

130 111.2 75.8 140.8

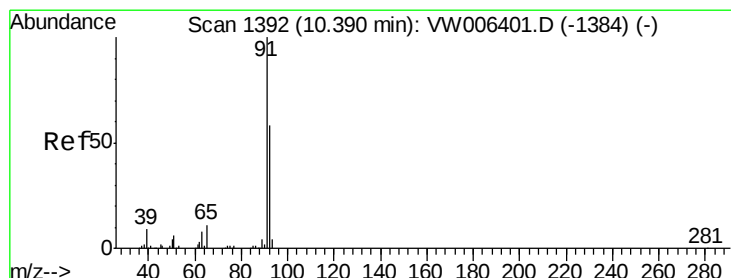
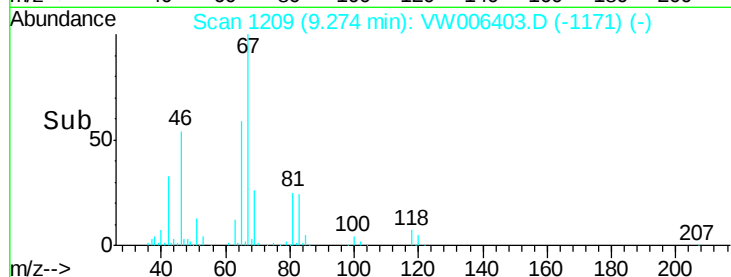
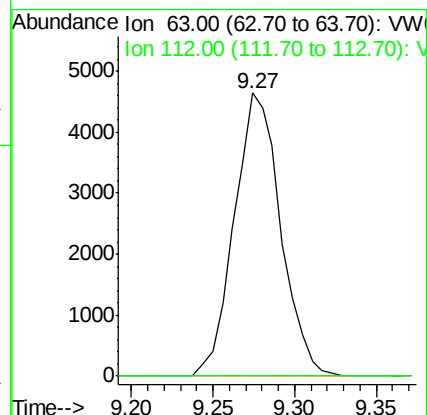
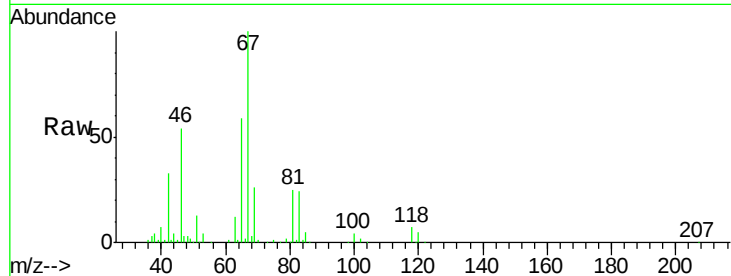




#40
 1,2-Dichloropropane
 Concen: 2.217 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW006403.D
 Acq: 26 Oct 2018 13:00

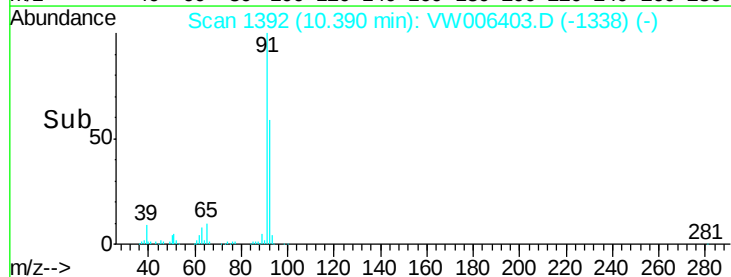
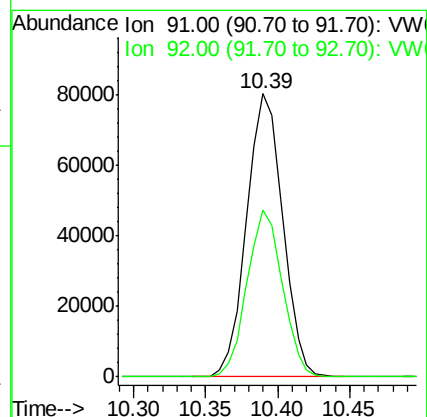
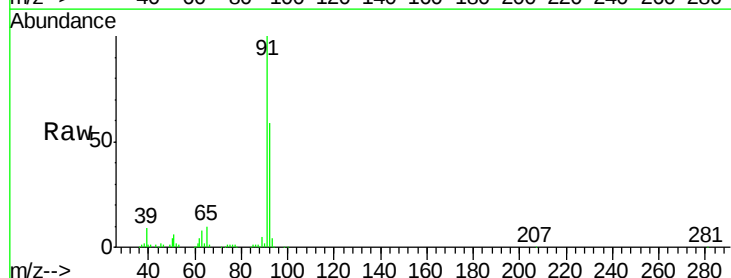
Instrument :
 MSVOA_W
 ClientSampled :
 A40D0

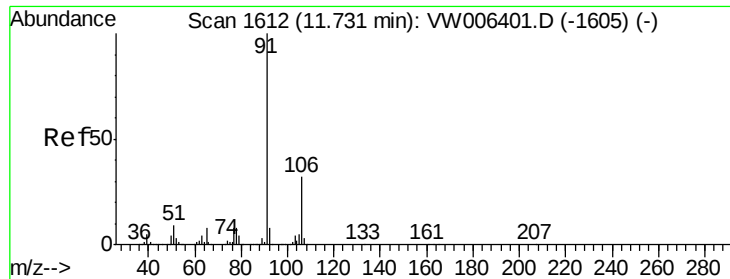
Tgt Ion: 63 Resp: 9167
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#44
 Toluene
 Concen: 7.462 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006403.D
 Acq: 26 Oct 2018 13:00

Tgt Ion: 91 Resp: 139656
 Ion Ratio Lower Upper
 91 100
 92 59.1 40.4 75.0





#53

Ethylbenzene

Concen: 16.591 ug/L

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW006403.D

Acq: 26 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

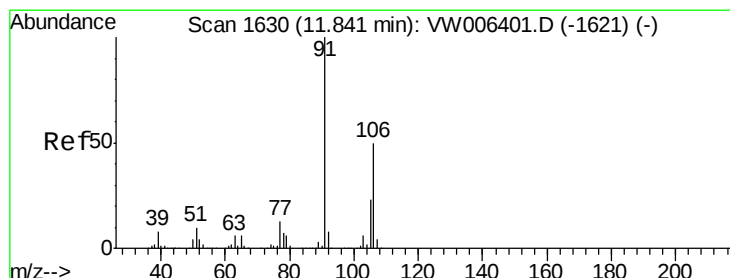
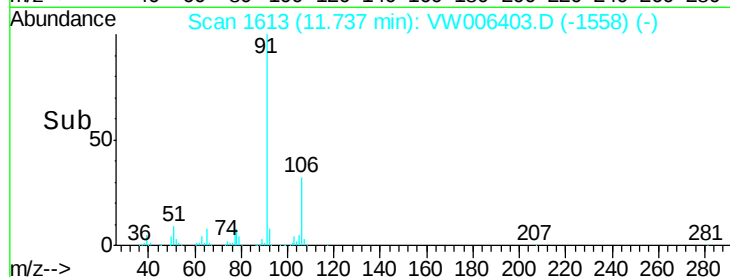
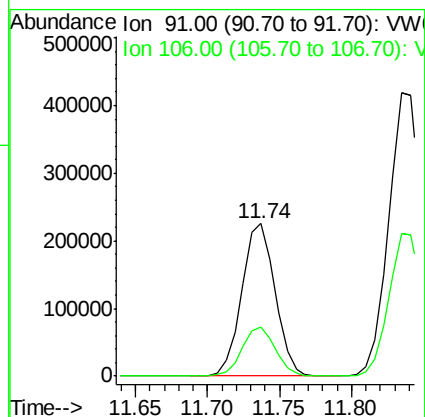
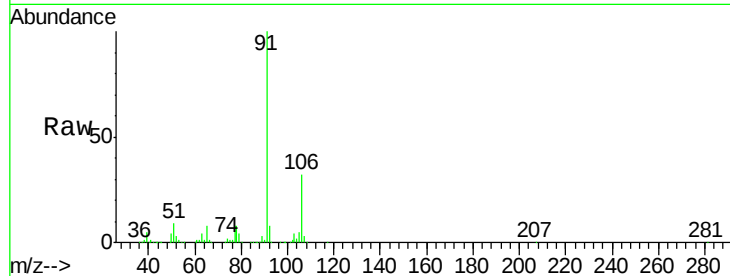
A40D0

Tgt Ion: 91 Resp: 361520

Ion Ratio Lower Upper

91 100

106 31.9 22.6 42.0



#54

m,p-Xylene

Concen: 40.513 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW006403.D

Acq: 26 Oct 2018 13:00

Tgt Ion: 106 Resp: 346027

Ion Ratio Lower Upper

106 100

91 198.7 138.4 257.0

