

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
 Data File : VW006314.D
 Acq On : 24 Oct 2018 13:00
 Operator : SY/AP
 Sample : J5635-07
 Misc : 5.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40E6

Quant Time: Oct 25 07:36:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	392890	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	369030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	189220	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	84961	19.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.68%
7) Chloroethane-d5	2.90	69	84557	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.68%
10) 1,1-Dichloroethene-d2	4.01	63	138190	16.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.96%
20) 2-Butanone-d5	7.09	46	72633	49.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.90%
24) Chloroform-d	7.65	84	206450	24.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.04%
26) 1,2-Dichloroethane-d4	8.31	65	124937	26.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.12%
29) Benzene-d6	8.28	84	414168	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.28	67	124021	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.12%
37) Toluene-d8	10.33	98	405216	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.72%
38) trans-1,3-Dichloropropene-	10.58	79	53609	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.28%
39) 2-Hexanone-d5	10.93	63	61532	50.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.72%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	129804	26.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	166164	25.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.48%

Target Compounds

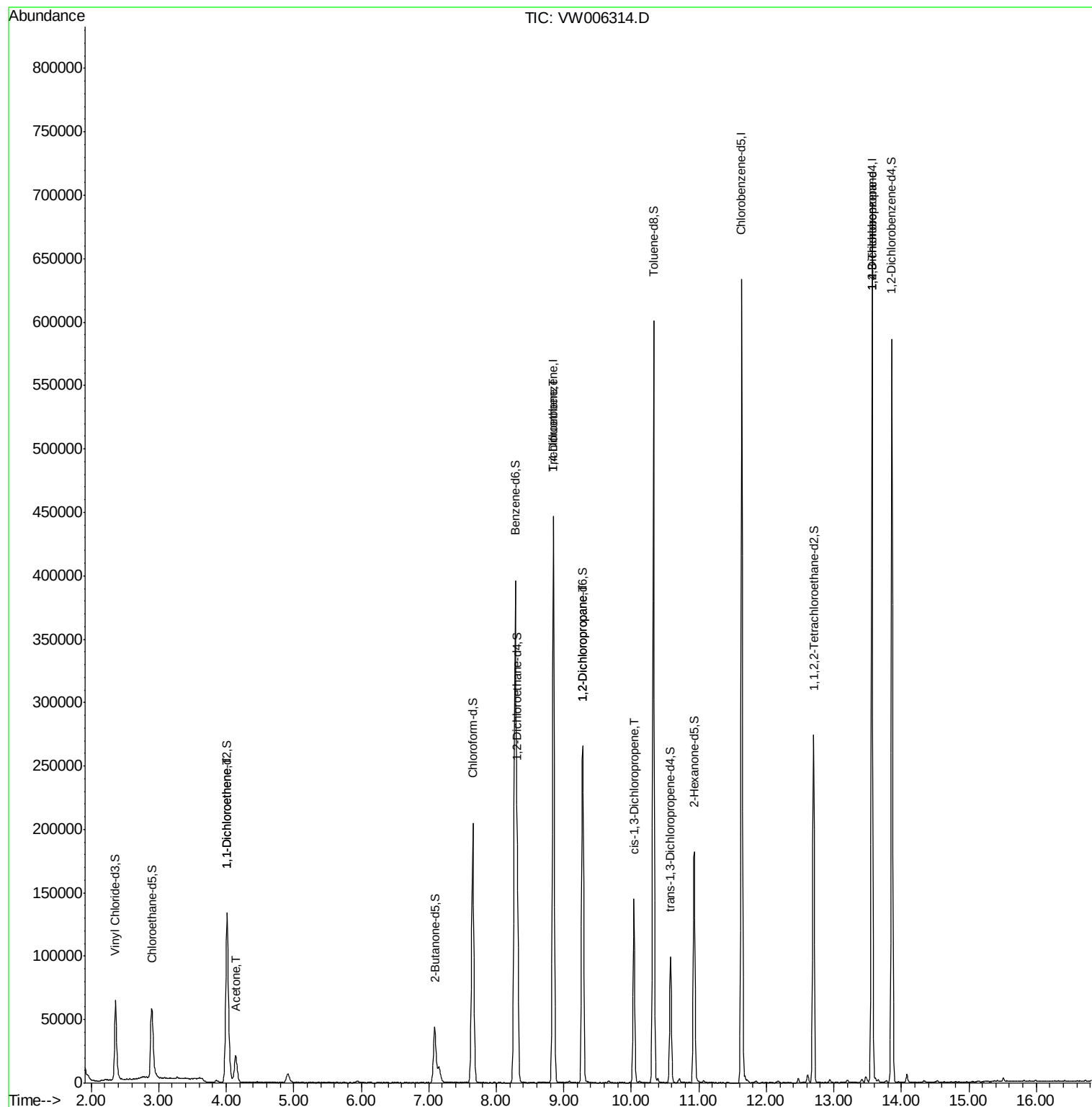
					Qvalue
12) 1,1-Dichloroethene	4.01	96	1304	0.289 ug/L #	1
13) Acetone	4.14	43	37670	25.388 ug/L	100
35) Trichloroethene	8.85	95	11481	2.154 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	14318	3.047 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3931	0.512 ug/L #	82
59) 1,2,3-Trichloropropane	13.57	75	18987	5.004 ug/L	90

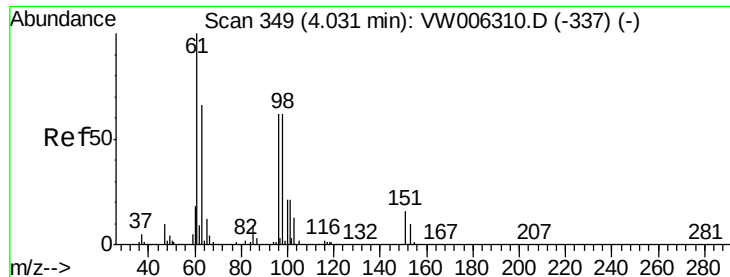
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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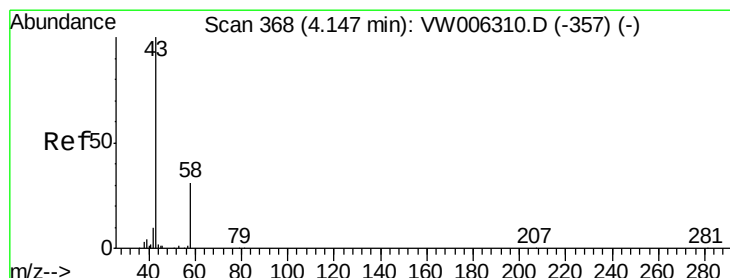
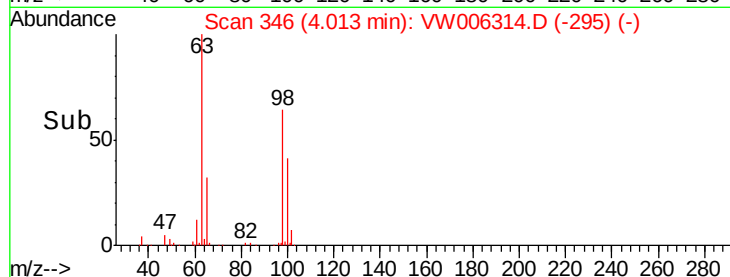
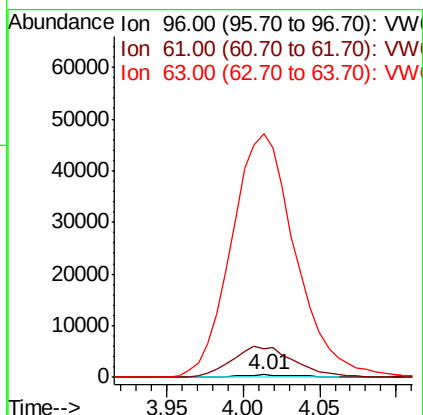
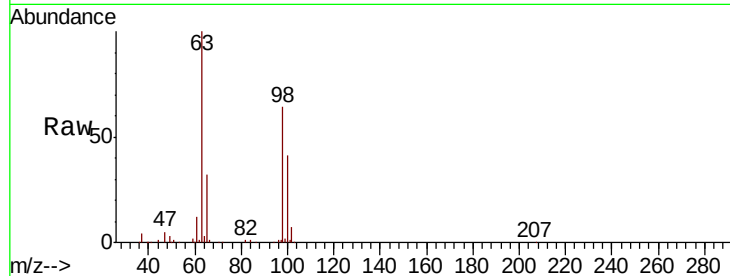




#12
 1,1-Dichloroethene
 Concen: 0.289 ug/L
 RT: 4.01 min Scan# 346
 Delta R.T. -0.02 min
 Lab File: VW006314.D
 Acq: 24 Oct 2018 13:00

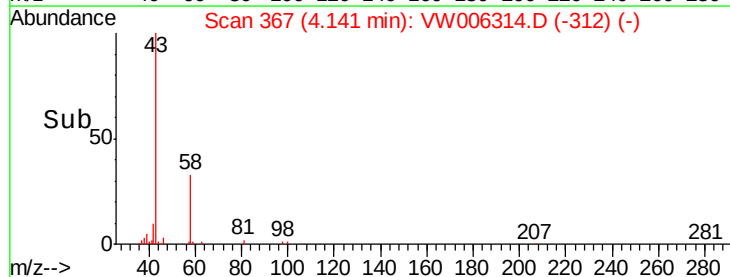
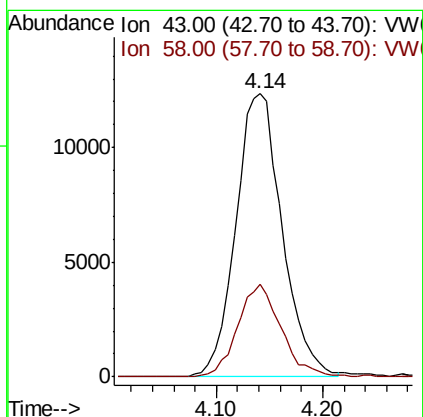
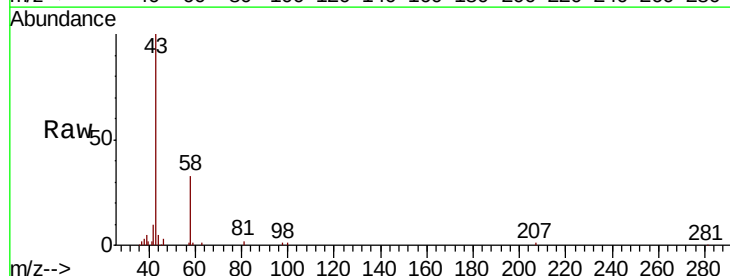
Instrument :
 MSVOA_W
 ClientSampleId :
 A40E6

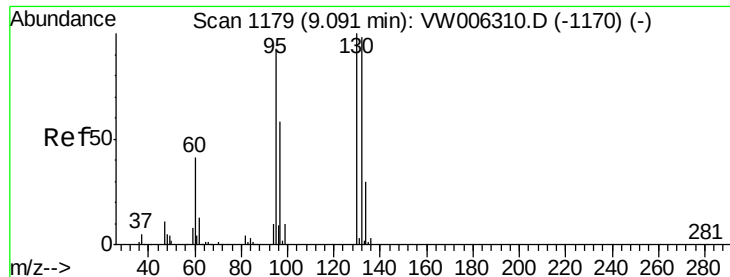
Tgt Ion: 96 Resp: 1304
 Ion Ratio Lower Upper
 96 100
 61 1135.8 112.3 208.7#
 63 9637.6 102.6 190.6#



#13
 Acetone
 Concen: 25.388 ug/L
 RT: 4.14 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VW006314.D
 Acq: 24 Oct 2018 13:00

Tgt Ion: 43 Resp: 37670
 Ion Ratio Lower Upper
 43 100
 58 30.5 0.0 61.2





#35

Trichloroethene

Concen: 2.154 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006314.D

Acq: 24 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

A40E6

Tgt Ion: 95 Resp: 11481

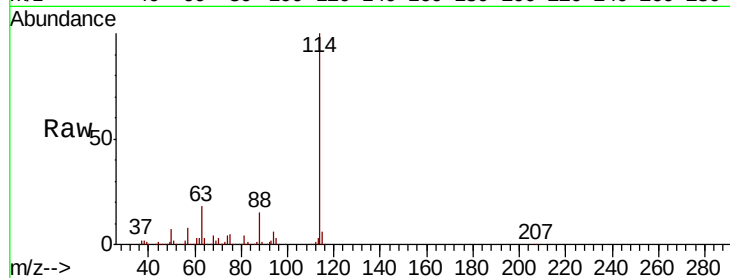
Ion Ratio Lower Upper

95 100

97 0.4 45.8 85.0#

132 0.0 72.9 135.3#

130 0.7 75.8 140.8#

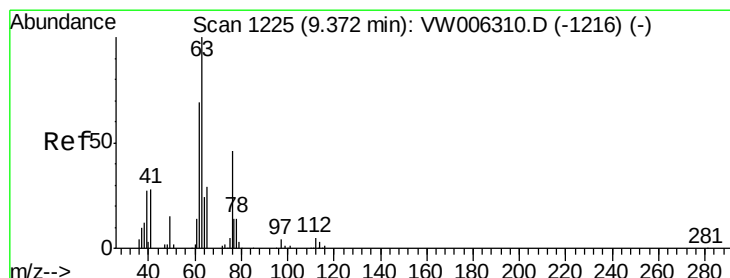
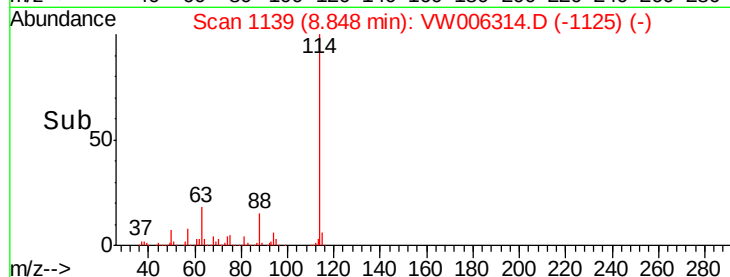
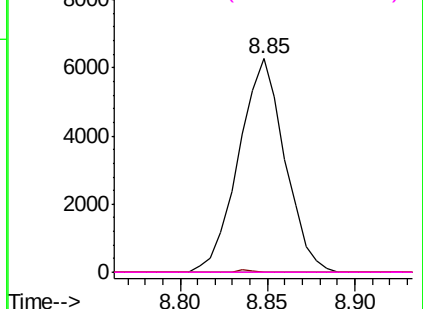


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.047 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006314.D

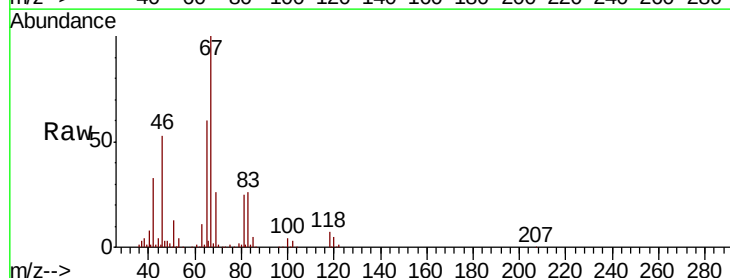
Acq: 24 Oct 2018 13:00

Tgt Ion: 63 Resp: 14318

Ion Ratio Lower Upper

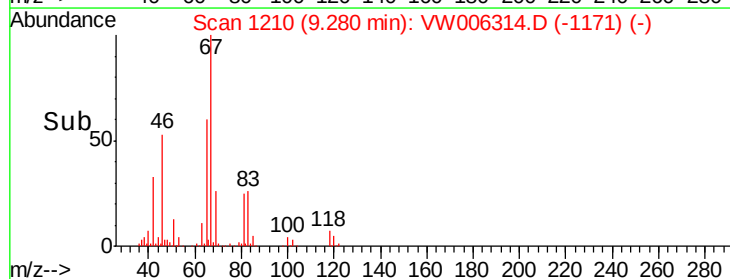
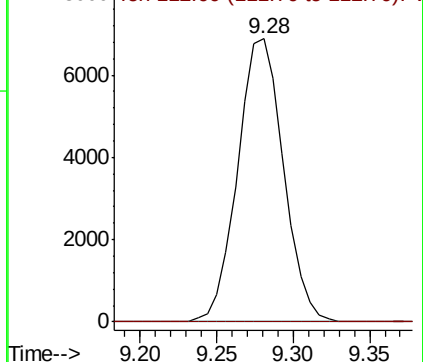
63 100

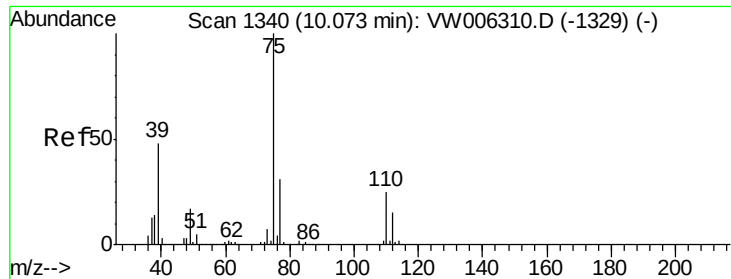
112 0.0 3.5 5.3#



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: 0.512 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006314.D

Acq: 24 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

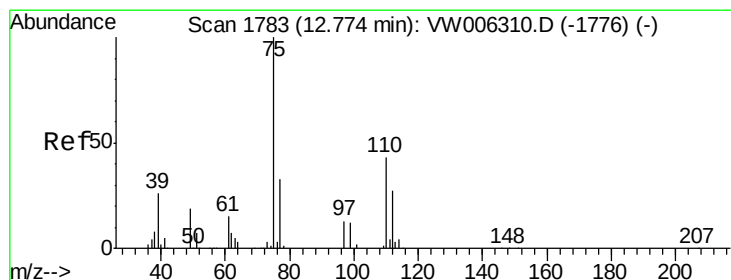
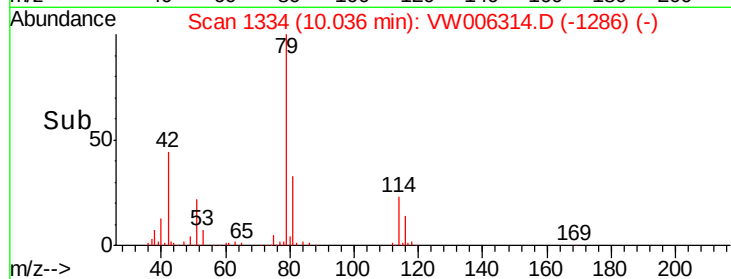
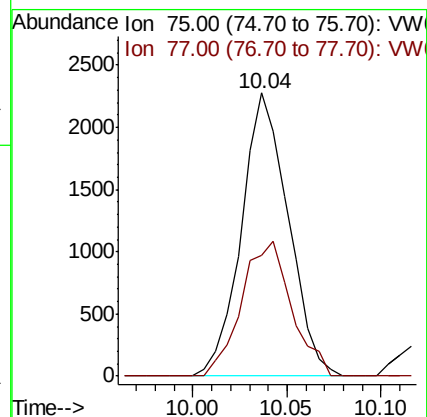
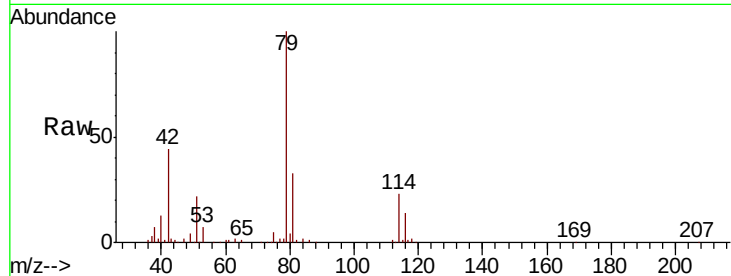
A40E6

Tgt Ion: 75 Resp: 3931

Ion Ratio Lower Upper

75 100

77 42.6 22.6 42.0#



#59

1,2,3-Trichloropropane

Concen: 5.004 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006314.D

Acq: 24 Oct 2018 13:00

Tgt Ion: 75 Resp: 18987

Ion Ratio Lower Upper

75 100

77 38.2 25.9 38.9

