

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016527.D
 Acq On : 10 Sep 2020 16:22
 Operator : SY/VA
 Sample : L3945-09RE
 Misc : 6.39G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWY3RE

Quant Time: Sep 11 06:15:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 06:07:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	294784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	248180	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98944	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	70751	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.48%
7) Chloroethane-d5	2.90	69	65862	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.80%
10) 1,1-Dichloroethene-d2	4.03	63	102389	14.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.96%
20) 2-Butanone-d5	7.09	46	32356	28.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.94%
24) Chloroform-d	7.65	84	149862	21.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	8.40	65	171	0.05	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.20%#
29) Benzene-d6	8.28	84	277462	21.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.96%
33) 1,2-Dichloropropane-d6	9.28	67	83623	22.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.24%
37) Toluene-d8	10.33	98	248698	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.96%
38) trans-1,3-Dichloropropene-	10.59	79	34420	18.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.60%
39) 2-Hexanone-d5	10.93	63	24412	32.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	62384	19.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	79636	23.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.16%

Target Compounds

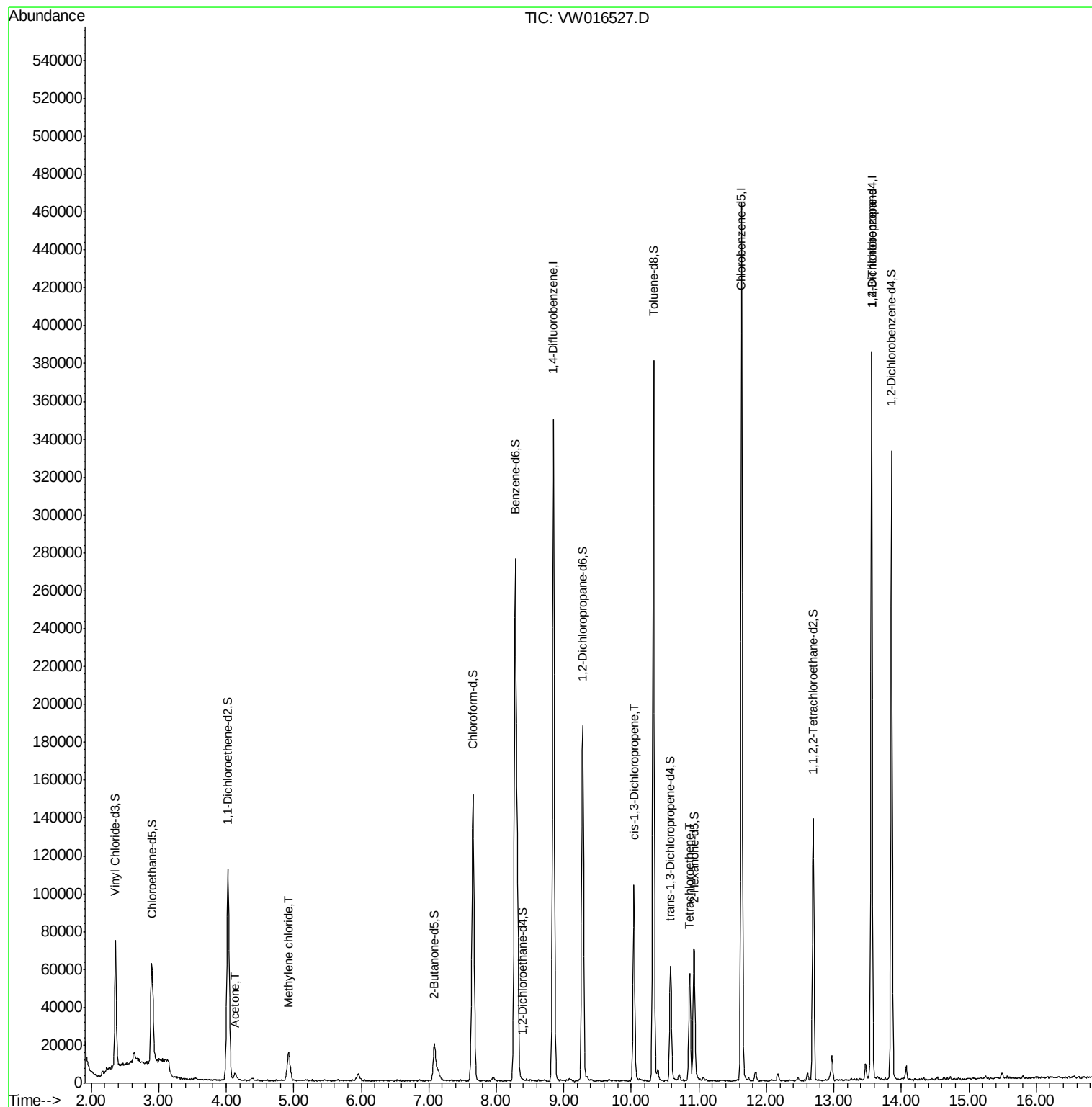
					Ovalue
13) Acetone	4.14	43	7685	10.720	ug/L 84
16) Methylene chloride	4.92	84	10946	2.379	ug/L 88
42) cis-1,3-Dichloropropene	10.04	75	3011	0.529	ug/L # 66
47) Tetrachloroethene	10.87	164	11702	3.882	ug/L 90
59) 1,2,3-Trichloropropane	13.56	75	13736	5.798	ug/L 89

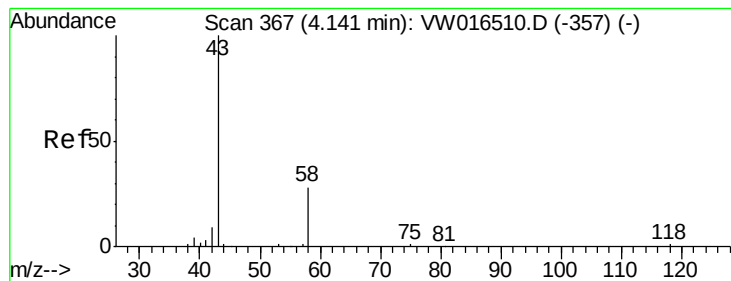
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 11 06:07:14 2020
Response via : Initial Calibration





#13

Acetone

Concen: 10.720 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016527.D

Acq: 10 Sep 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

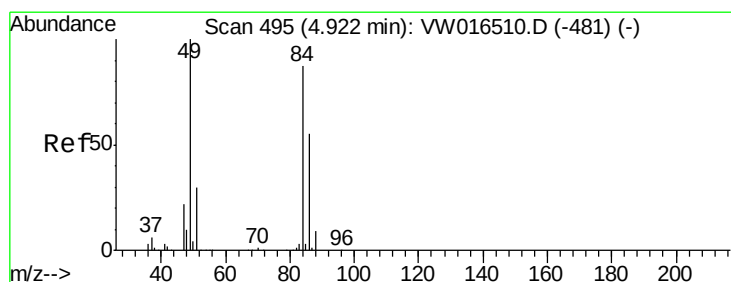
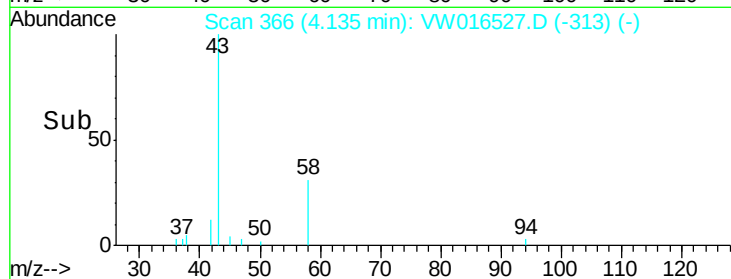
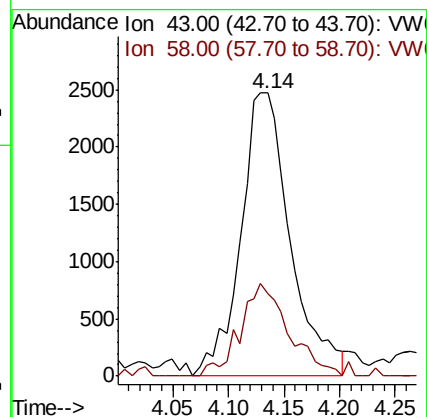
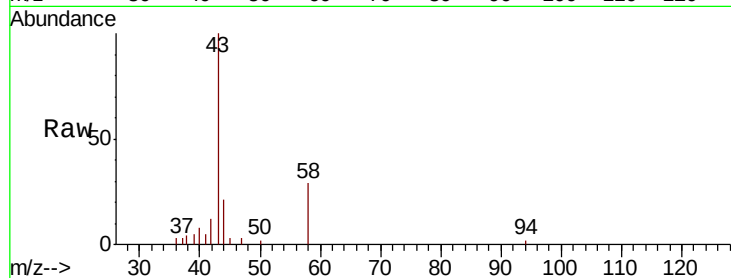
BFWY3RE

Tot Ion: 43 Resp: 7685

Ion Ratio Lower Upper

43 100

58 22.9 0.0 63.0



#16

Methylene chloride

Concen: 2.379 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW016527.D

Acq: 10 Sep 2020 16:22

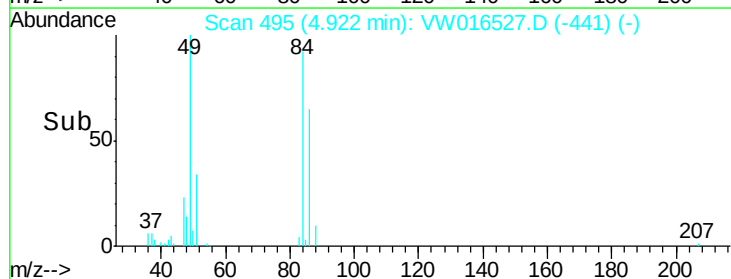
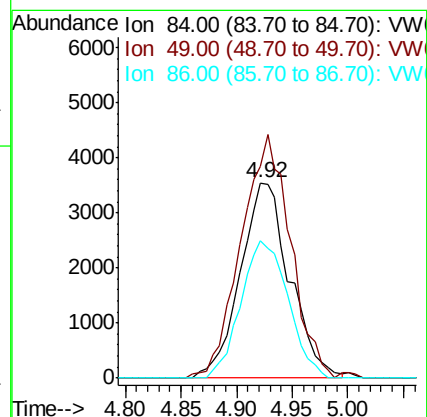
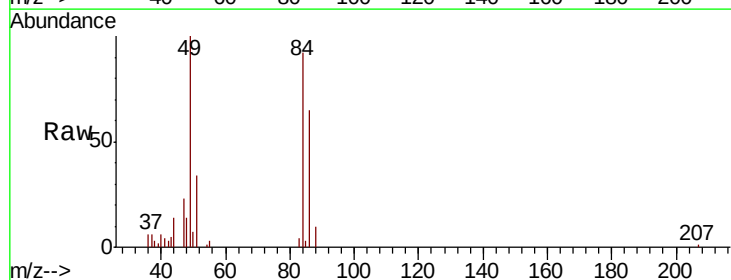
Tgt Ion: 84 Resp: 10946

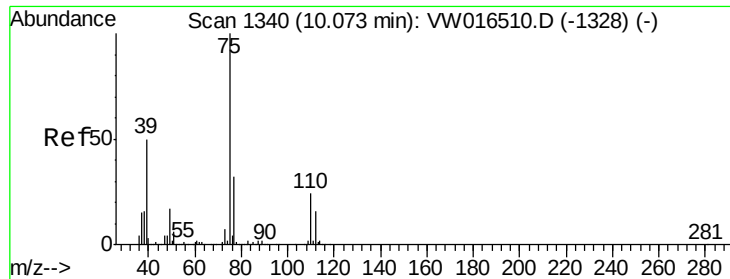
Ion Ratio Lower Upper

84 100

49 108.2 86.7 160.9

86 70.3 44.9 83.5





#42

cis-1,3-Dichloropropene

Concen: 0.529 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016527.D

Acq: 10 Sep 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

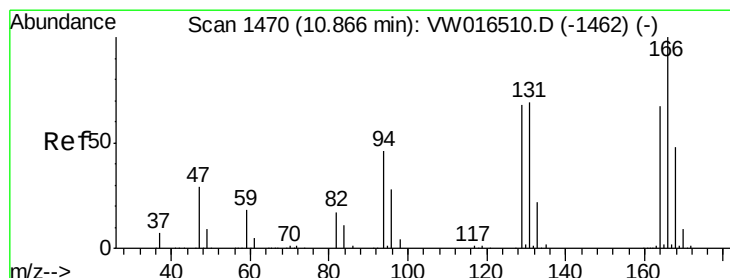
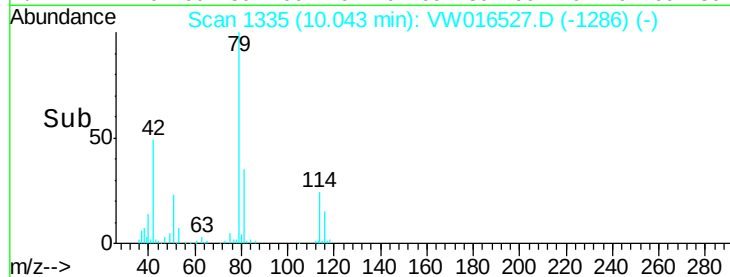
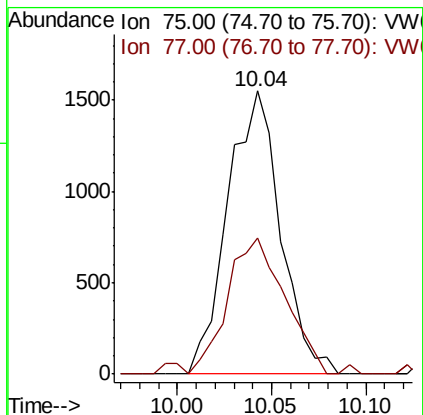
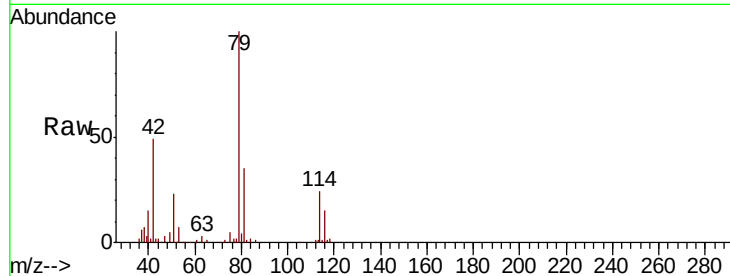
BFWY3RE

Tot Ion: 75 Resp: 3011

Ion Ratio Lower Upper

75 100

77 48.2 20.9 38.7#



#47

Tetrachloroethene

Concen: 3.882 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016527.D

Acq: 10 Sep 2020 16:22

Tgt Ion: 164 Resp: 11702

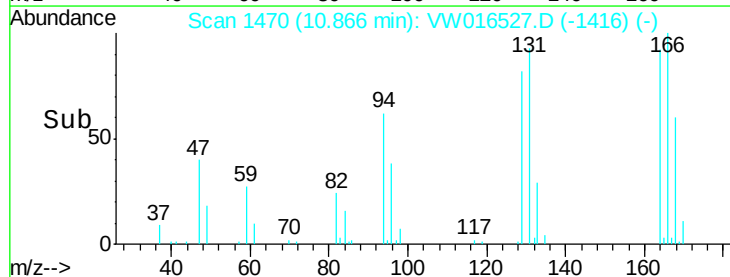
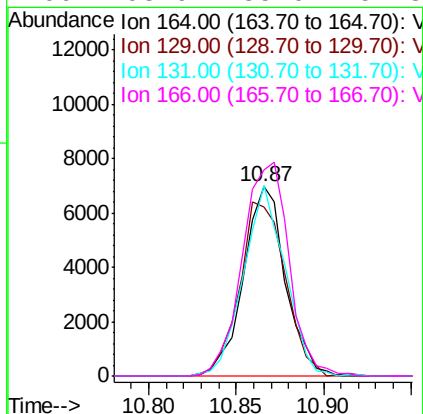
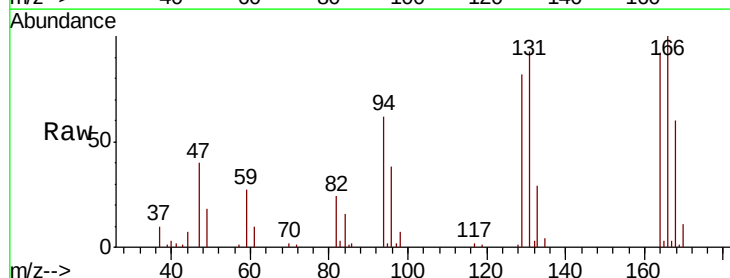
Ion Ratio Lower Upper

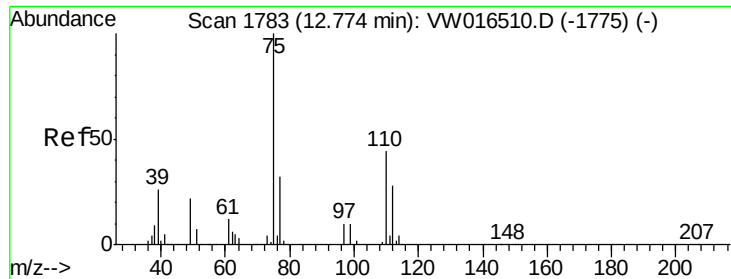
164 100

129 89.1 65.7 121.9

131 100.8 61.1 113.5

166 108.9 85.0 157.8





#59

1,2,3-Trichloropropane

Concen: 5.798 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016527.D

Acq: 10 Sep 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

BFWY3RE

Tot Ion: 75 Resp: 13736

Ion Ratio Lower Upper

75 100

77 38.7 26.0 39.0

