

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009779.D
 Acq On : 06 Apr 2019 18:13
 Operator : SY/VA
 Sample : K2168-15
 Misc : 6.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF640

Quant Time: Apr 07 04:01:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	377127	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366524	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155687	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101060	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.92%
7) Chloroethane-d5	2.89	69	99679	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.20%
10) 1,1-Dichloroethene-d2	4.01	63	184584	17.39	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.56%
20) 2-Butanone-d5	7.08	46	101496	63.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.68%
24) Chloroform-d	7.64	84	277617	26.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.92%
26) 1,2-Dichloroethane-d4	8.30	65	177725	28.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.52%
29) Benzene-d6	8.27	84	493978	25.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.68%
33) 1,2-Dichloropropane-d6	9.27	67	157466	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.00%
37) Toluene-d8	10.32	98	433376	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.44%
38) trans-1,3-Dichloropropene-	10.57	79	66949	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.48%
39) 2-Hexanone-d5	10.93	63	71205	63.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153306	27.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	154326	28.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.00%

Target Compounds

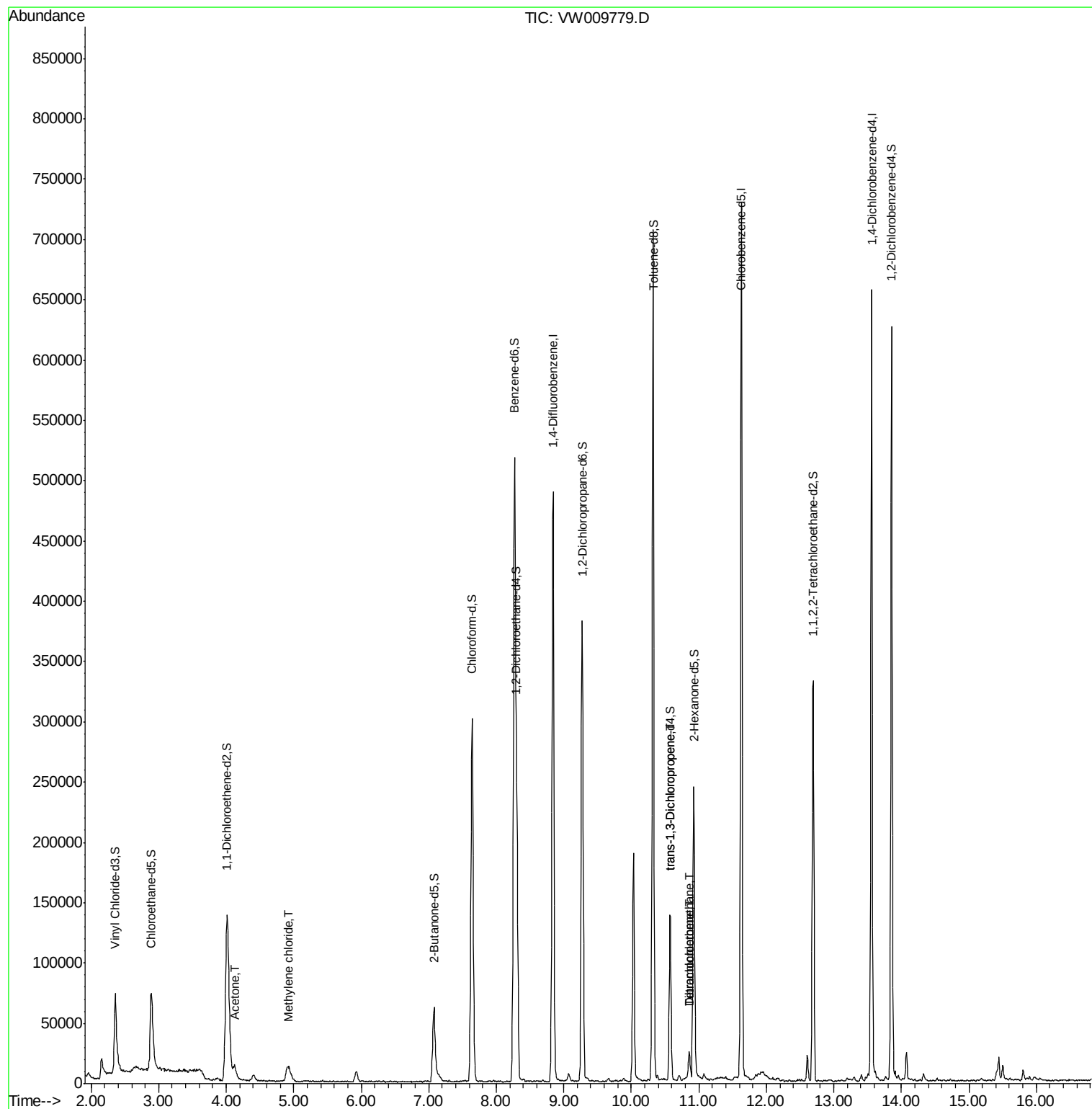
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	18937	11.030	ug/L	98
16) Methylene chloride	4.92	84	9455	1.422	ug/L	77
45) trans-1,3-Dichloropropene	10.58	75	3740	0.496	ug/L	85
47) Tetrachloroethene	10.86	164	4045	0.890	ug/L	81
50) Dibromochloromethane	10.86	129	4133	0.794	ug/L #	12

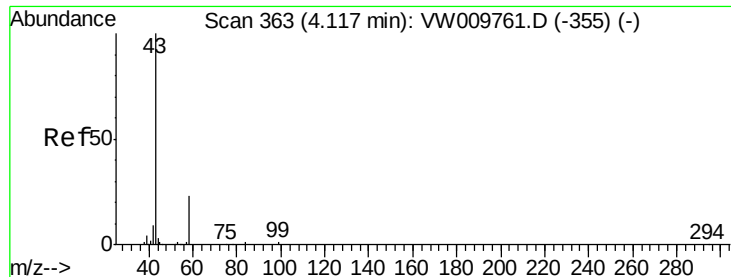
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.030 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009779.D

Acq: 06 Apr 2019 18:13

Instrument :

MSVOA_W

ClientSampled :

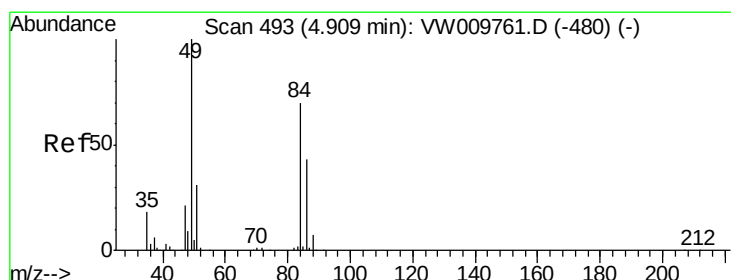
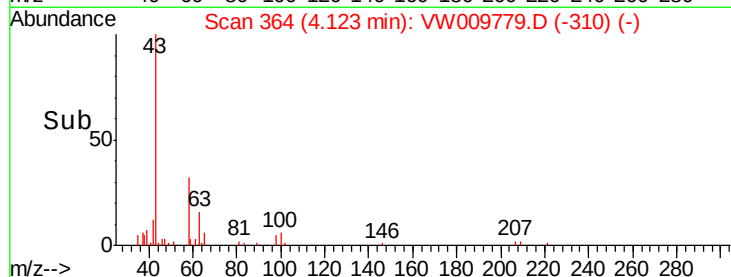
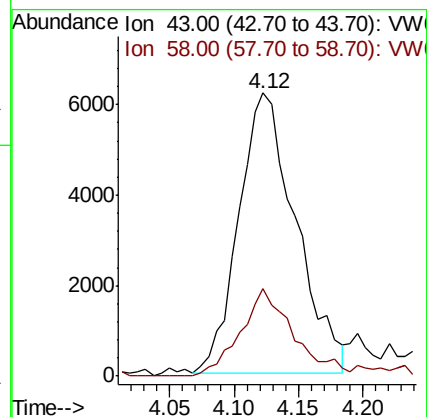
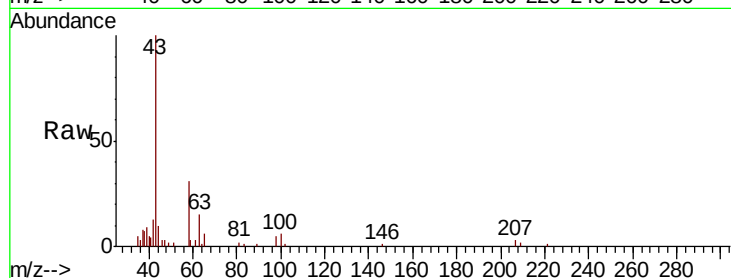
BF640

Tgt Ion: 43 Resp: 18937

Ion Ratio Lower Upper

43 100

58 27.7 0.0 53.0



#16

Methylene chloride

Concen: 1.422 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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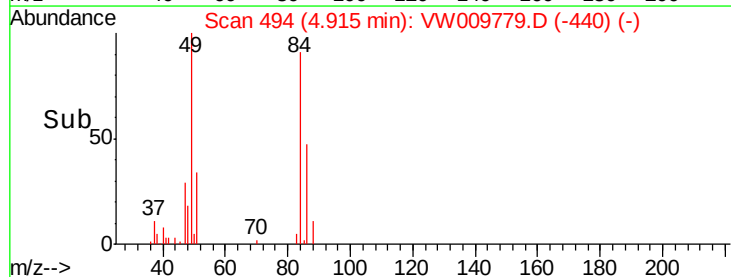
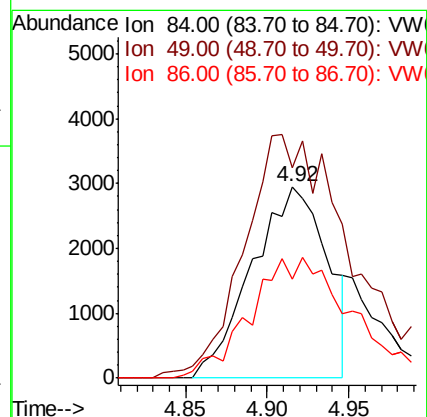
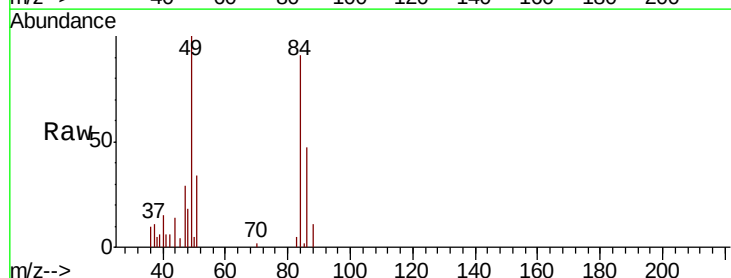
Tgt Ion: 84 Resp: 9455

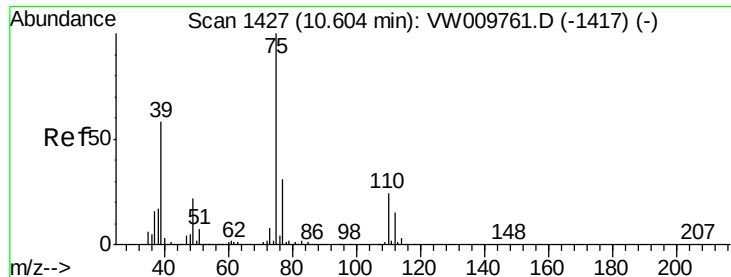
Ion Ratio Lower Upper

84 100

49 110.2 98.3 182.5

86 52.0 46.4 86.2





#45

trans-1,3-Dichloropropene

Concen: 0.496 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampled :

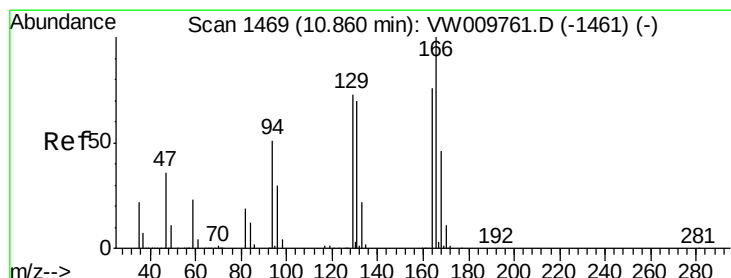
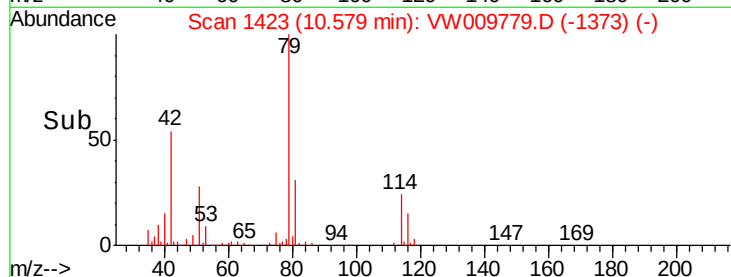
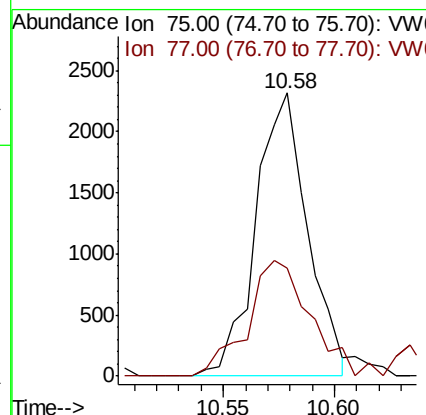
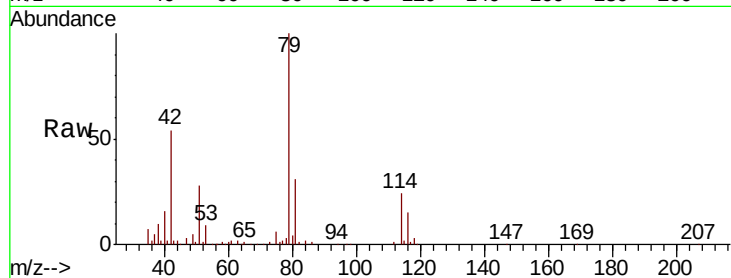
BF640

Tgt Ion: 75 Resp: 3740

Ion Ratio Lower Upper

75 100

77 38.3 21.1 39.3



#47

Tetrachloroethene

Concen: 0.890 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009779.D

Acq: 06 Apr 2019 18:13

Tgt Ion: 164 Resp: 4045

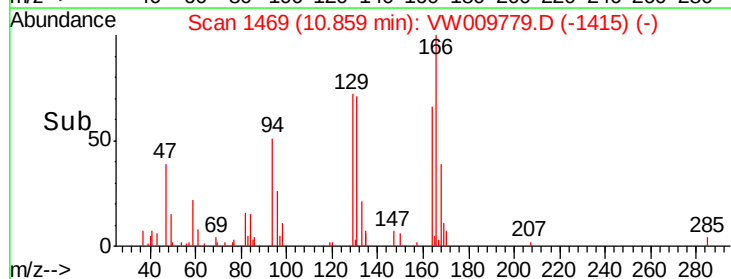
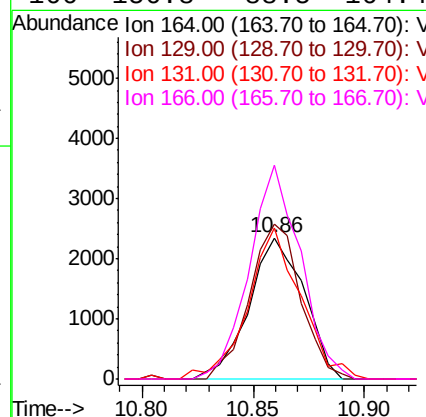
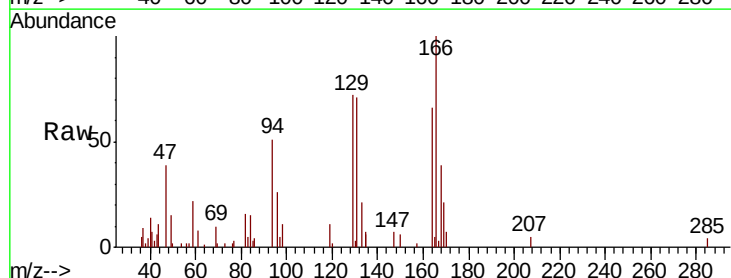
Ion Ratio Lower Upper

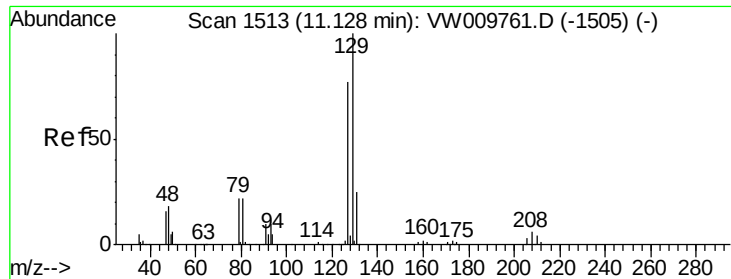
164 100

129 109.9 68.9 127.9

131 107.0 63.1 117.1

166 156.8 88.5 164.4





#50

Dibromochloromethane

Concen: 0.794 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009779.D

Acq: 06 Apr 2019 18:13

Instrument :

MSVOA_W

ClientSampleId :

BF640

Tgt Ion:129 Resp: 4133

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#

