

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121619\
 Data File : VV014065.D
 Acq On : 16 Dec 2019 12:26
 Operator : SY/MD
 Sample : K6281-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFQX9

Quant Time: Dec 17 06:09:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 17 05:42:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	373430	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370357	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	155666	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99304	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	92103	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.13	63	121394	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.95	46	202727	42.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.38%
24) Chloroform-d	4.40	84	197227	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.08	65	96828	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.09	84	362682	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
36) 1,2-Dichloropropane-d6	6.11	67	120392	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.36	98	269840	3.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.20%#
43) trans-1,3-Dichloropropene-	7.66	79	40028	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.14	63	150097	36.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.42%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	86269	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	127253	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

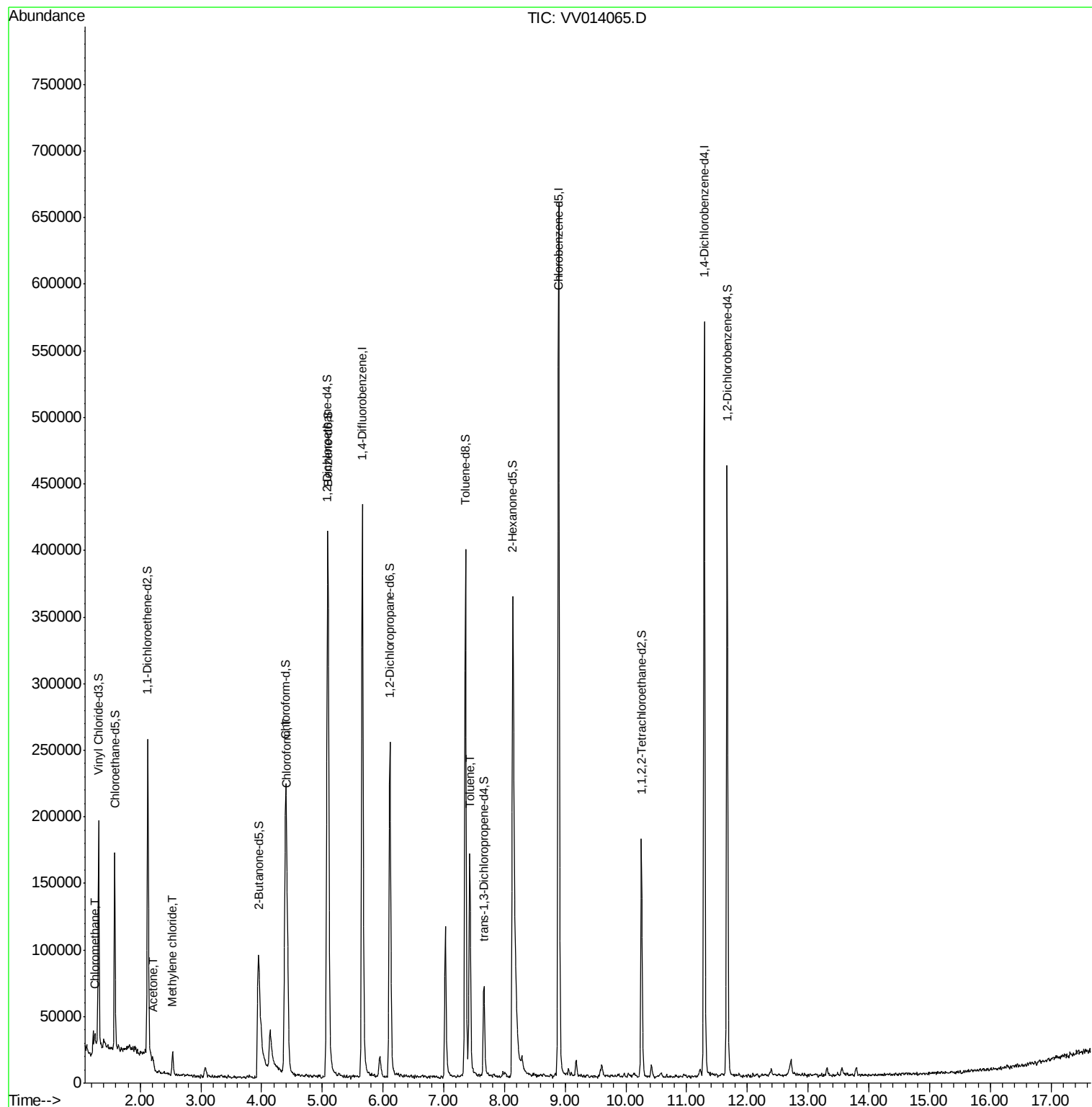
					Qvalue
3) Chloromethane	1.25	50	4773	0.219 ug/L	94
13) Acetone	2.20	43	10818	3.220 ug/L #	30
16) Methylene chloride	2.53	84	7398	0.301 ug/L	88
25) Chloroform	4.42	83	85697	1.997 ug/L	97
42) Toluene	7.43	91	123155	1.264 ug/L	99

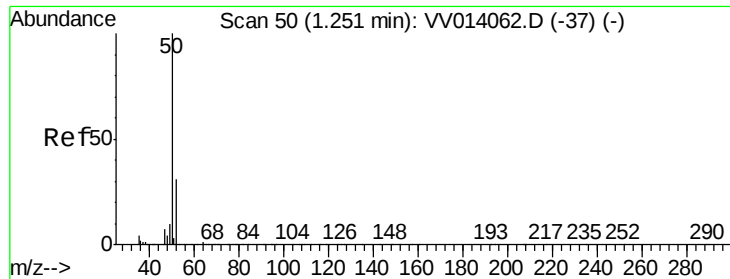
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.219 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV014065.D

Acq: 16 Dec 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

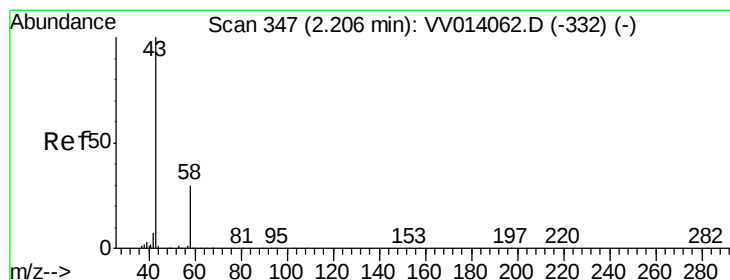
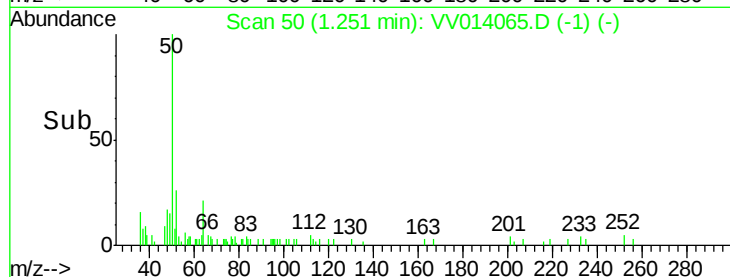
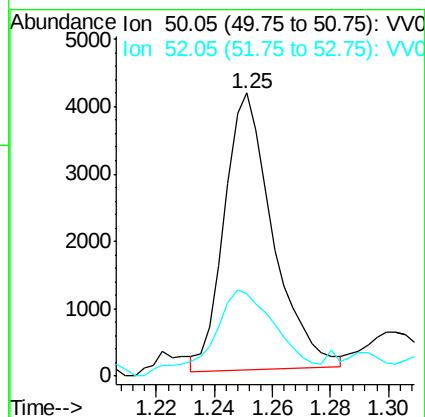
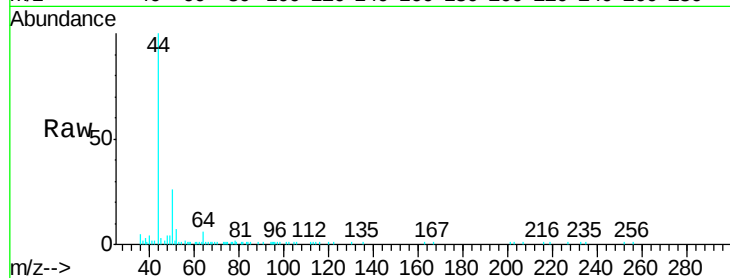
BFQX9

Tgt Ion: 50 Resp: 4773

Ion Ratio Lower Upper

50 100

52 29.0 22.5 41.7



#13

Acetone

Concen: 3.220 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.00 min

Lab File: VV014065.D

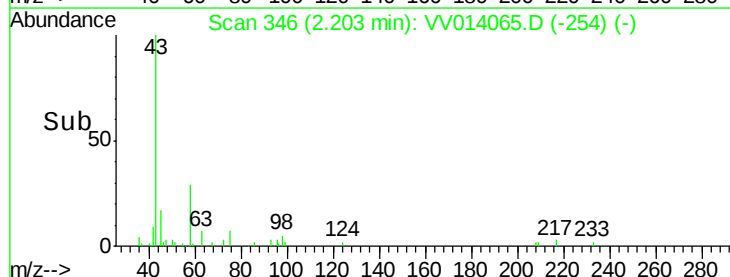
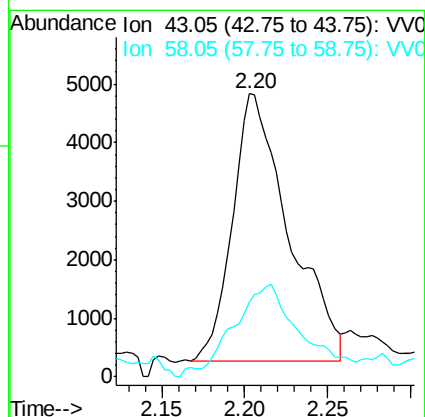
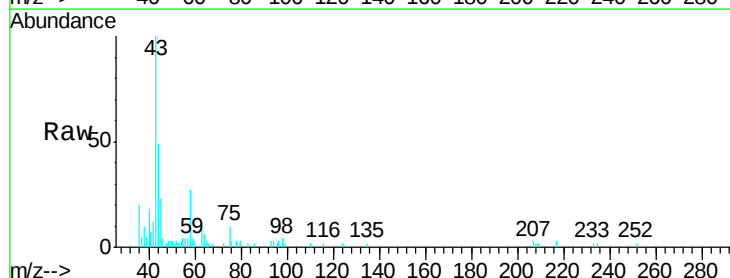
Acq: 16 Dec 2019 12:26

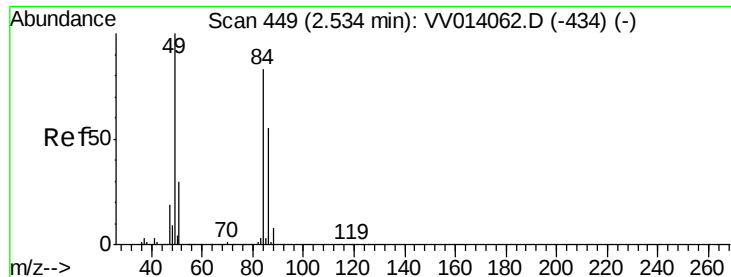
Tgt Ion: 43 Resp: 10818

Ion Ratio Lower Upper

43 100

58 41.8 0.0 27.2#

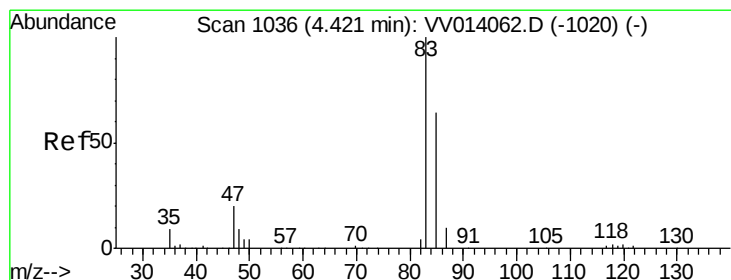
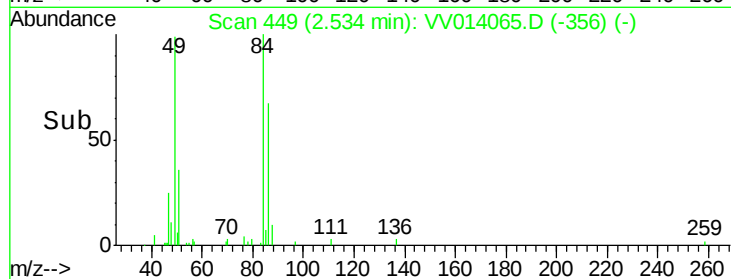
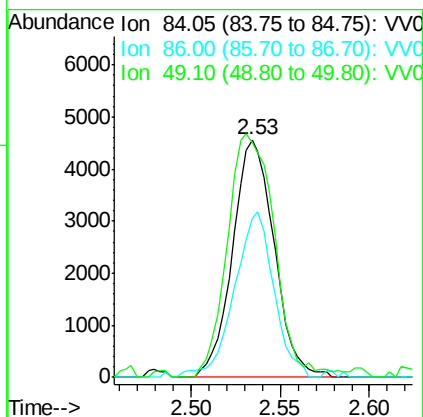
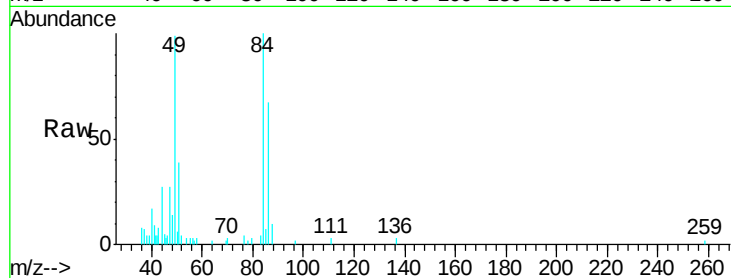




#16
Methylene chloride
Concen: 0.301 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

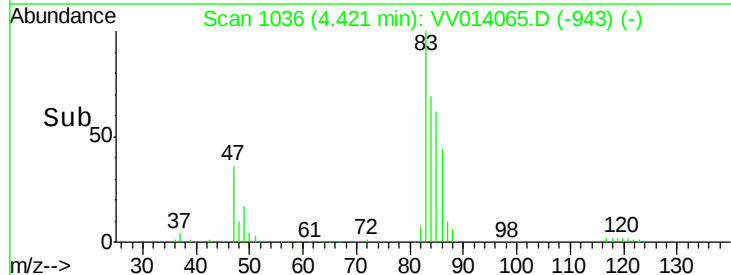
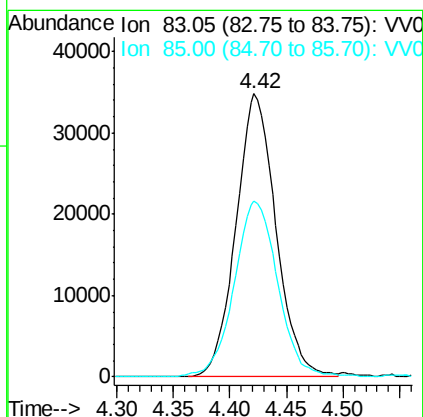
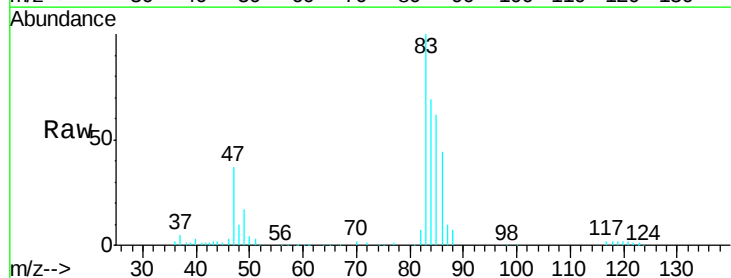
Instrument :
MSVOA_V
ClientSampled :
BFQX9

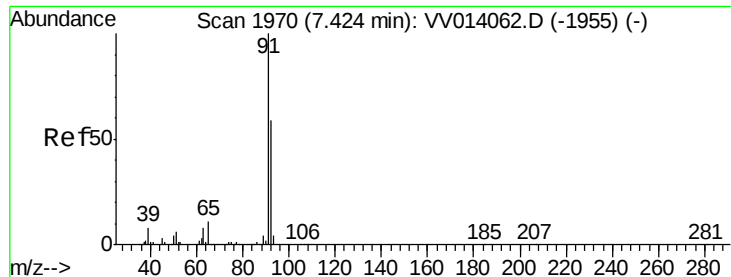
Tgt Ion: 84 Resp: 7398
Ion Ratio Lower Upper
84 100
86 67.0 44.0 81.6
49 98.8 81.5 151.5



#25
Chloroform
Concen: 1.997 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014065.D
Acq: 16 Dec 2019 12:26

Tgt Ion: 83 Resp: 85697
Ion Ratio Lower Upper
83 100
85 62.0 45.1 83.7





#42

Toluene

Concen: 1.264 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV014065.D

Acq: 16 Dec 2019 12:26

Instrument :

MSVOA_V

ClientSampleId :

BFQX9

Tgt Ion: 91 Resp: 123155

Ion Ratio Lower Upper

91 100

92 59.7 41.1 76.3

