

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071918\
 Data File : VV006645.D
 Acq On : 19 Jul 2018 16:21
 Operator : SY/MD
 Sample : J3983-19
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB199

Quant Time: Jul 20 05:15:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 05:09:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	254250	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	239872	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95246	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.58	69	76699	6.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.40%
11) 1,1-Dichloroethene-d2	2.13	63	123254	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.96	46	225356	58.15	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.30%
24) Chloroform-d	4.40	84	163513	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.09	65	80514	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
32) Benzene-d6	5.10	84	345460	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.12	67	112923	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	7.36	98	310913	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.67	79	34911	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.14	63	211767	61.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81830	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	113647	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

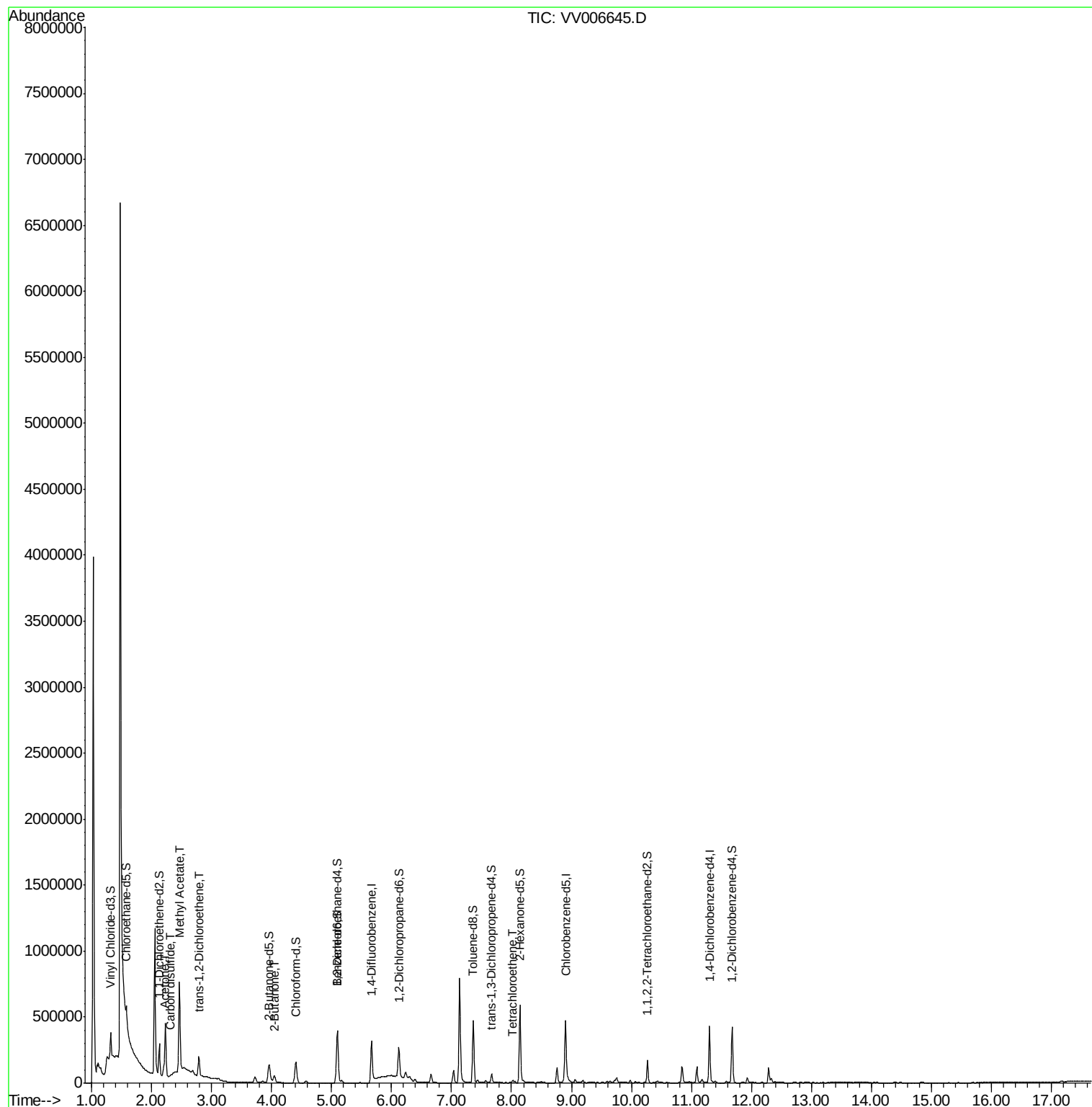
					Ovalue
13) Acetone	2.21	43	84567	28.45	ug/L 91
14) Carbon disulfide	2.32	76	19931	0.33	ug/L 96
15) Methyl Acetate	2.47	43	749006	85.89	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	55987	2.70	ug/L 99
21) 2-Butanone	4.04	43	79319	15.93	ug/L 99
47) Tetrachloroethene	8.02	164	4206	0.25	ug/L 88

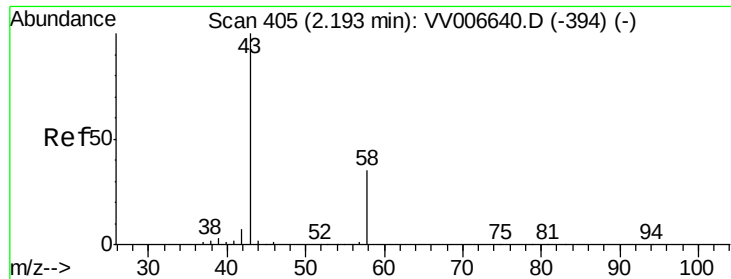
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 28.45 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.02 min

Lab File: VV006645.D

Acq: 19 Jul 2018 16:21

Instrument :

MSVOA_V

ClientSampleId :

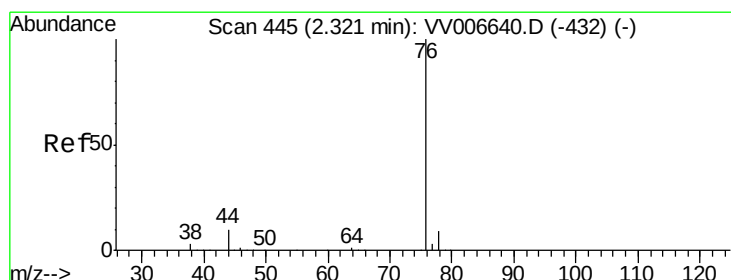
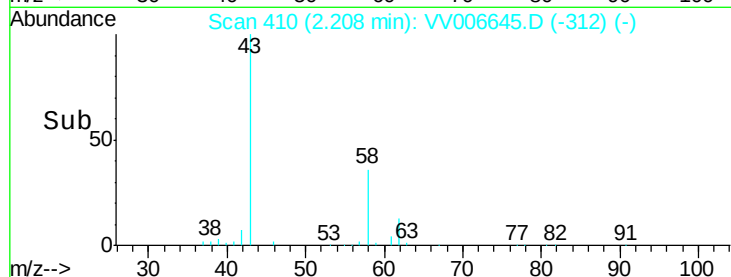
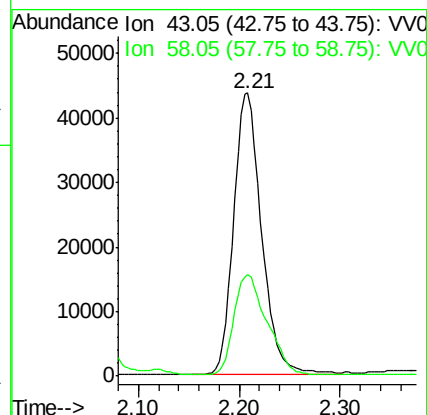
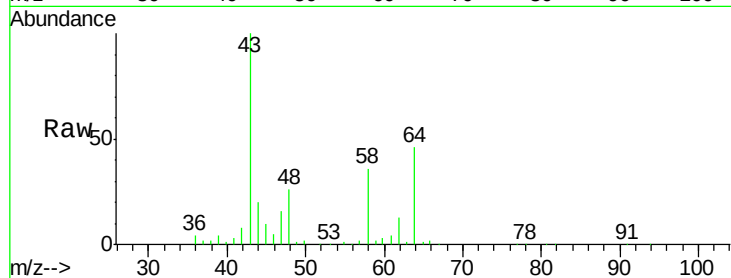
DB199

Tot Ion: 43 Resp: 84567

Ion Ratio Lower Upper

43 100

58 41.5 0.0 72.8



#14

Carbon disulfide

Concen: 0.33 ug/L

RT: 2.32 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV006645.D

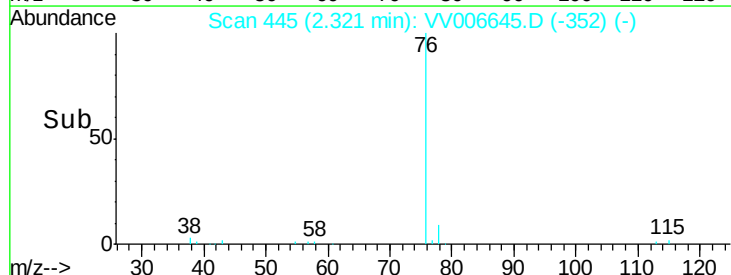
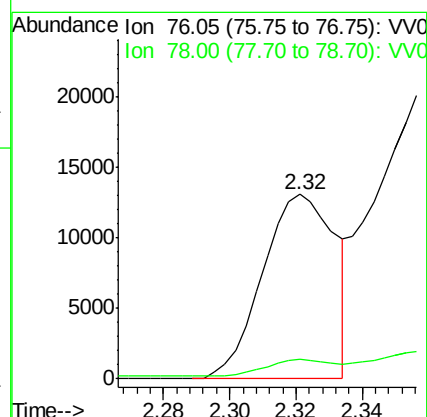
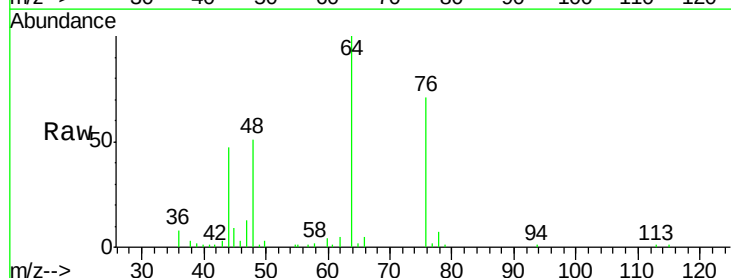
Acq: 19 Jul 2018 16:21

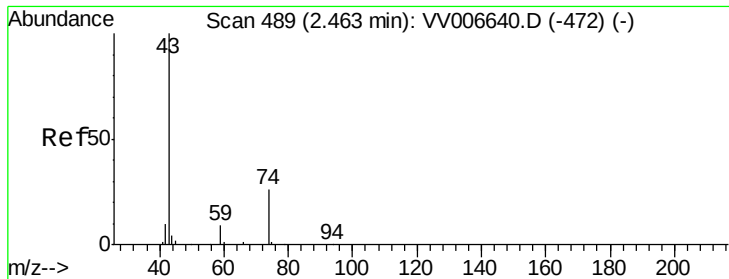
Tgt Ion: 76 Resp: 19931

Ion Ratio Lower Upper

76 100

78 10.4 7.3 10.9





#15

Methyl Acetate

Concen: 85.89 ug/L

RT: 2.47 min Scan# 490

Delta R.T. 0.00 min

Lab File: VV006645.D

Acq: 19 Jul 2018 16:21

Instrument :

MSVOA_V

ClientSampled :

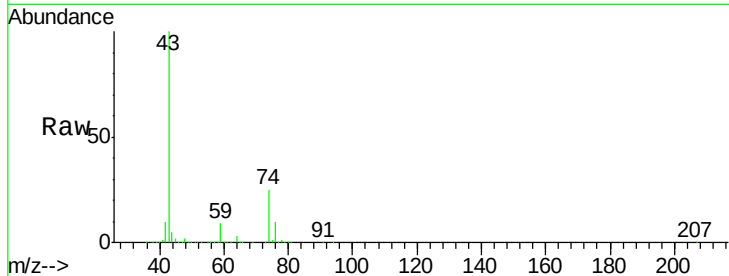
DB199

Tot Ion: 43 Resp: 749006

Ion Ratio Lower Upper

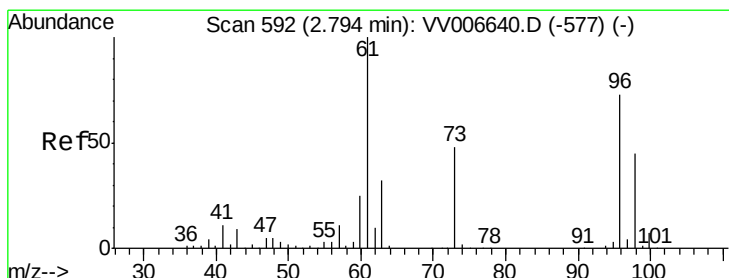
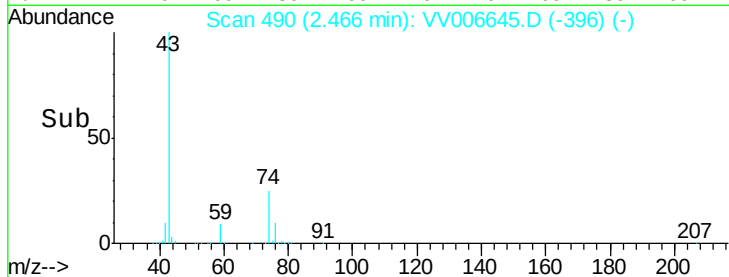
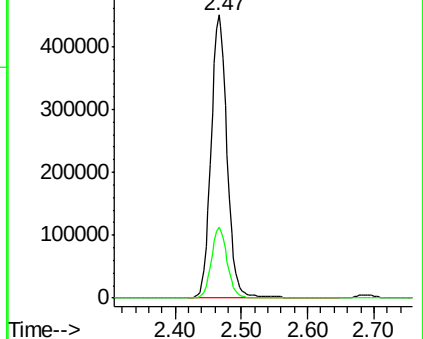
43 100

74 24.9 20.3 30.5



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#18

trans-1,2-Dichloroethene

Concen: 2.70 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006645.D

Acq: 19 Jul 2018 16:21

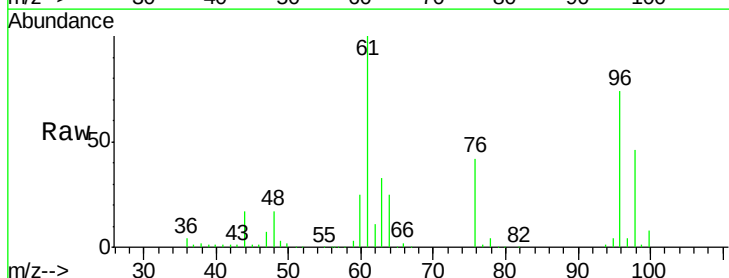
Tgt Ion: 96 Resp: 55987

Ion Ratio Lower Upper

96 100

61 135.8 96.0 178.4

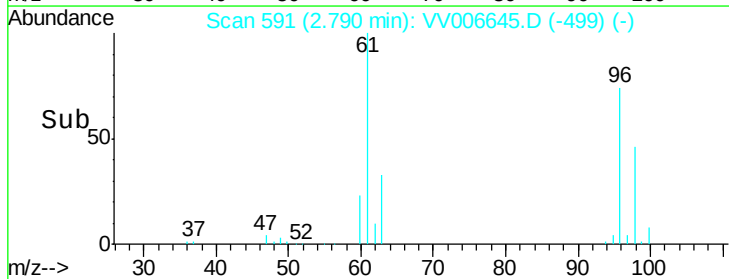
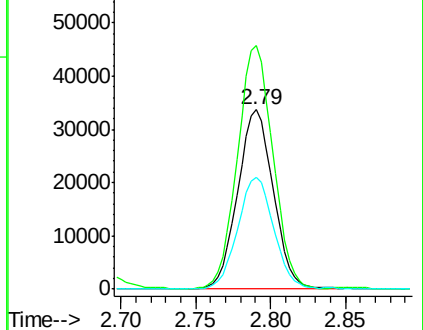
98 62.3 43.5 80.9

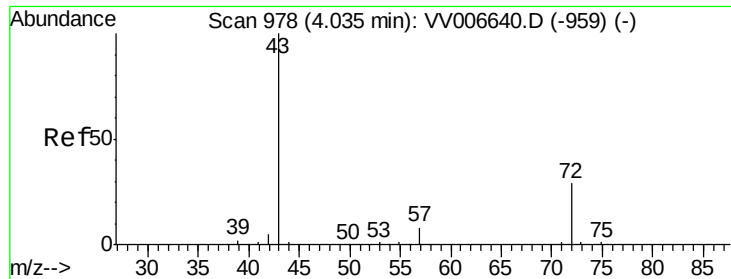


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0





#21

2-Butanone

Concen: 15.93 ug/L

RT: 4.04 min Scan# 981

Delta R.T. 0.01 min

Lab File: VV006645.D

Acq: 19 Jul 2018 16:21

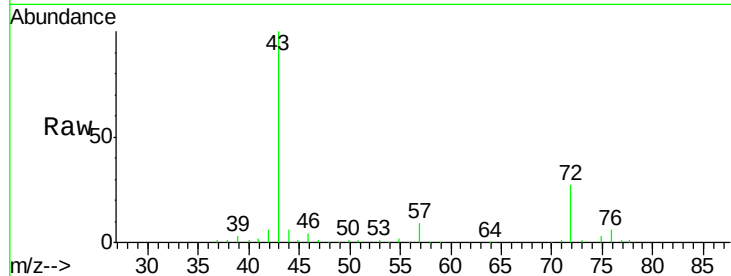
Instrument :
MSVOA_V
ClientSampleId :
DB199

Tot Ion: 43 Resp: 79319

Ion Ratio Lower Upper

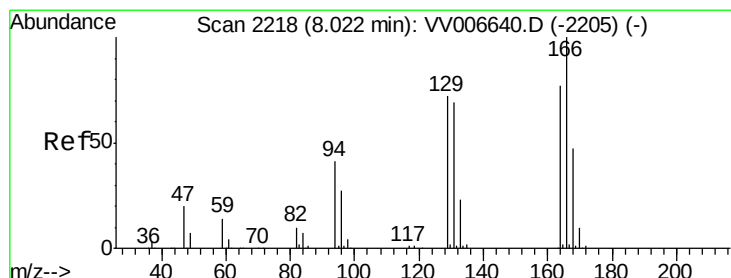
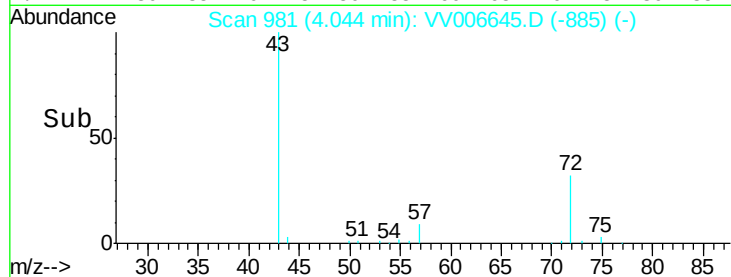
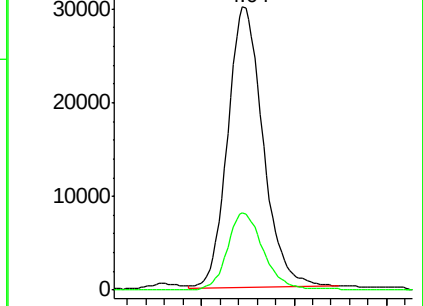
43 100

72 28.2 13.9 41.6



Abundance Ion 43.05 (42.75 to 43.75): VV006645.D (-985) (-)

Ion 72.10 (71.80 to 72.80): VV006645.D (-985) (-)



#47

Tetrachloroethene

Concen: 0.25 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006645.D

Acq: 19 Jul 2018 16:21

Tgt Ion:164 Resp: 4206

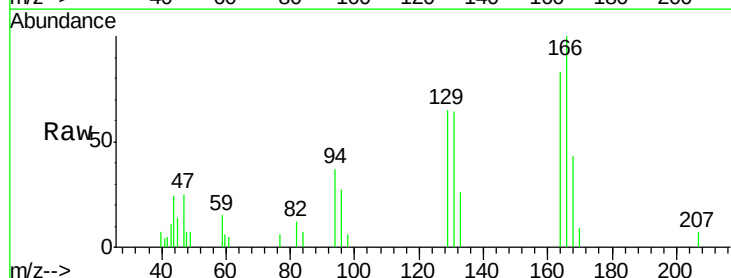
Ion Ratio Lower Upper

164 100

129 78.4 65.9 122.5

131 77.1 62.9 116.7

166 120.3 91.4 169.8



Abundance Ion 163.90 (163.60 to 164.60): VV006645.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VV006645.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VV006645.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VV006645.D (-2125) (-)

