

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018280.D
 Acq On : 17 Sep 2020 15:44
 Operator : SY/MD
 Sample : L4066-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWS4

Quant Time: Sep 18 06:19:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	205078	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	206184	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	98680	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76676	45.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.76%
7) Chloroethane-d5	1.58	69	65312	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.52%
11) 1,1-Dichloroethene-d2	2.12	63	113820	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.26%
21) 2-Butanone-d5	3.92	46	101577	99.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.30%
24) Chloroform-d	4.38	84	142665	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.06	65	95633	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
32) Benzene-d6	5.08	84	286243	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.09	67	92448	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.58%
41) Toluene-d8	7.34	98	252898	47.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.02%
43) trans-1,3-Dichloropropene-	7.64	79	44591	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.58%
47) 2-Hexanone-d5	8.11	63	70874	99.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	122727	52.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	107967	53.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.54%

Target Compounds

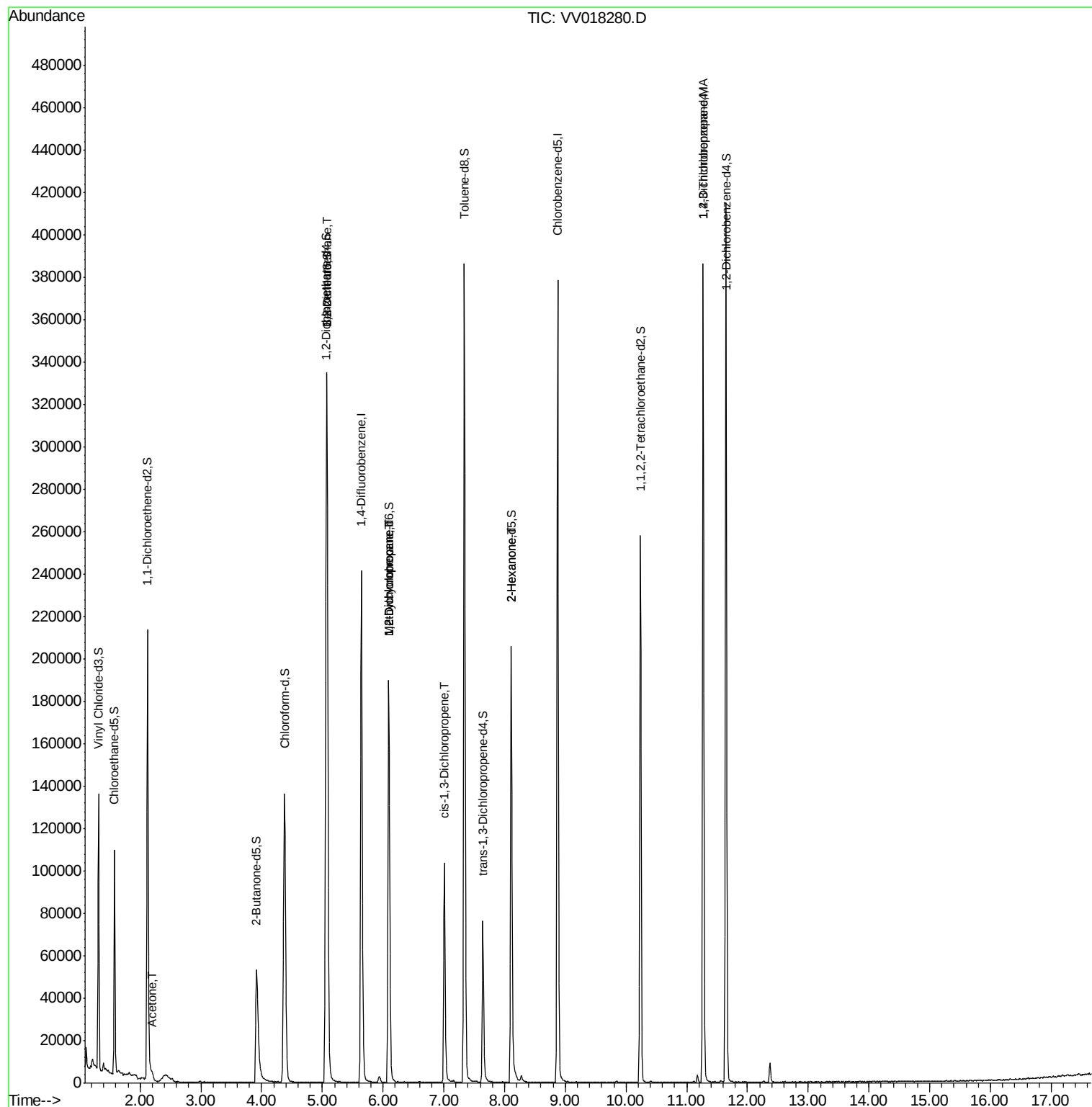
					Ovalue
13) Acetone	2.20	43	5007	6.112 ug/L	88
27) 1,2-Dichloroethane	5.07	62	1577	0.764 ug/L #	74
35) Methylcyclohexane	6.09	83	22657	9.371 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	10234	6.551 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2513	1.044 ug/L #	58
48) 2-Hexanone	8.11	43	8444	5.652 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	11301	6.151 ug/L	90

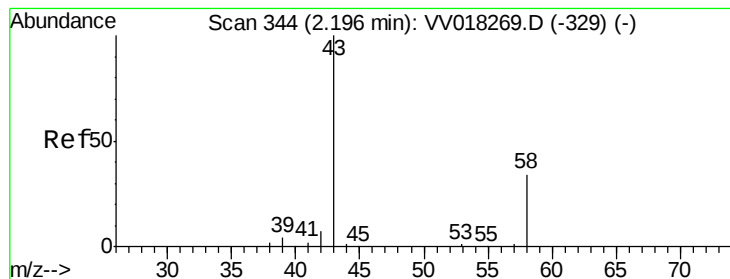
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.112 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV018280.D

Acq: 17 Sep 2020 15:44

Instrument :

MSVOA_V

ClientSampleId :

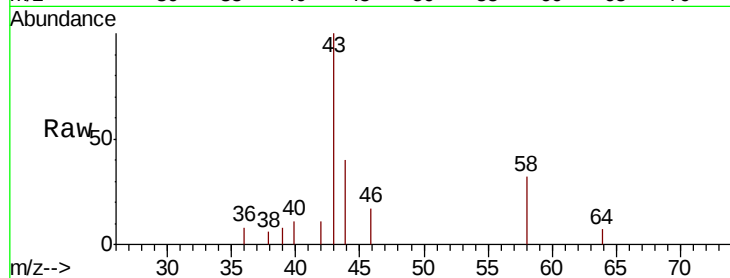
BFWS4

Tot Ion: 43 Resp: 5007

Ion Ratio Lower Upper

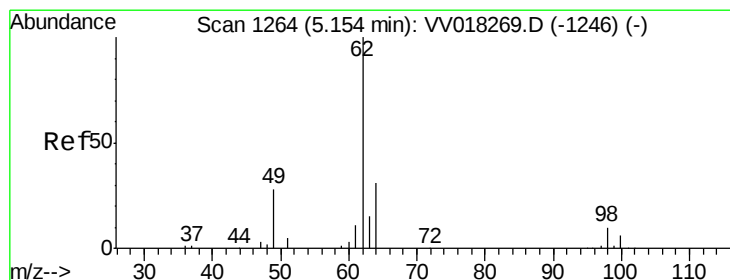
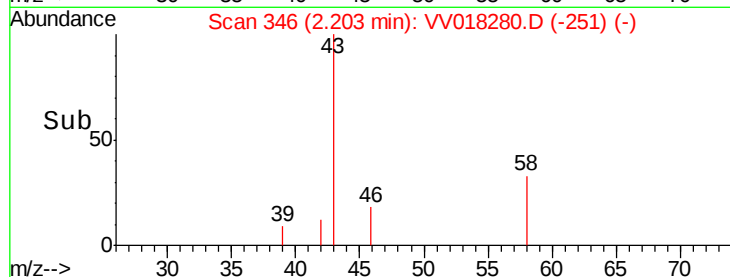
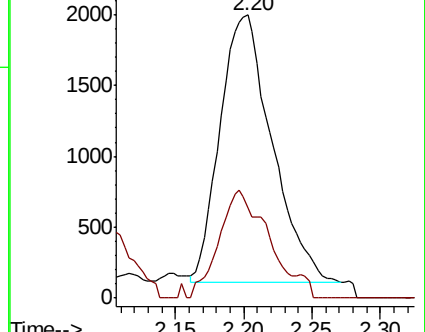
43 100

58 26.6 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018269.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV018269.D (-329) (-)



#27

1,2-Dichloroethane

Concen: 0.764 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018280.D

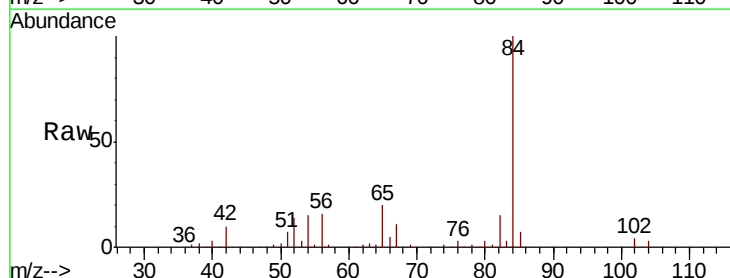
Acq: 17 Sep 2020 15:44

Tgt Ion: 62 Resp: 1577

Ion Ratio Lower Upper

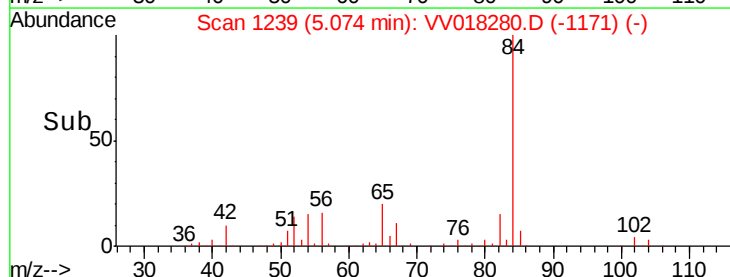
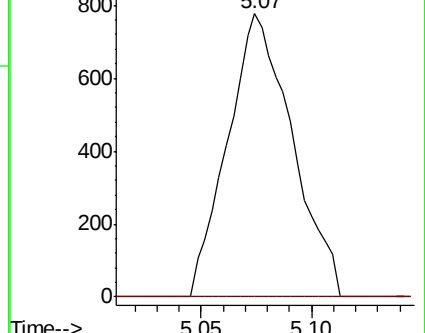
62 100

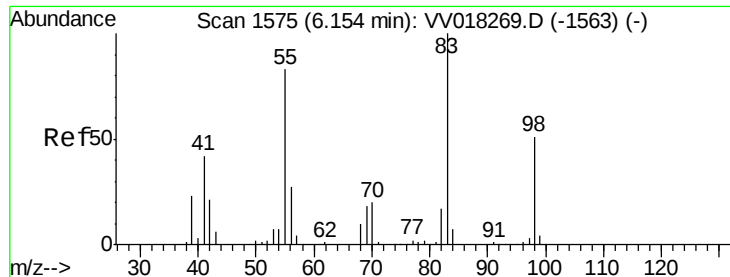
98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV018269.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV018269.D (-1246) (-)

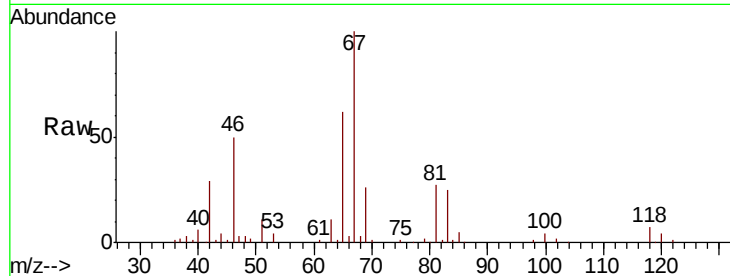




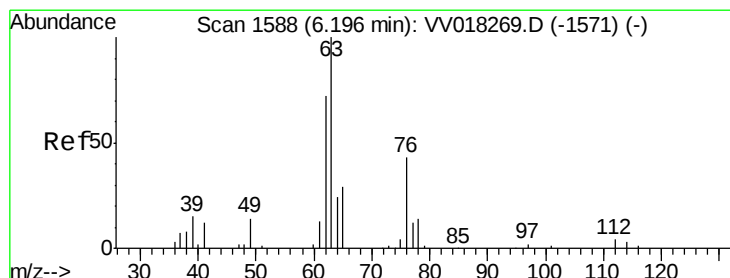
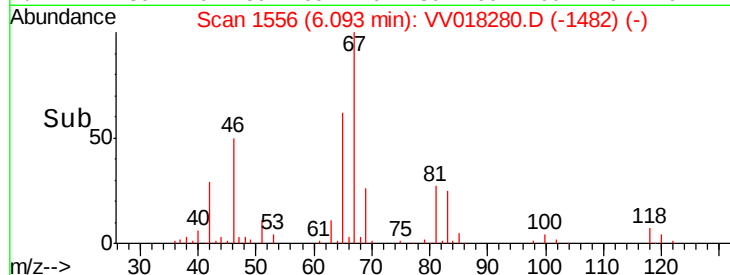
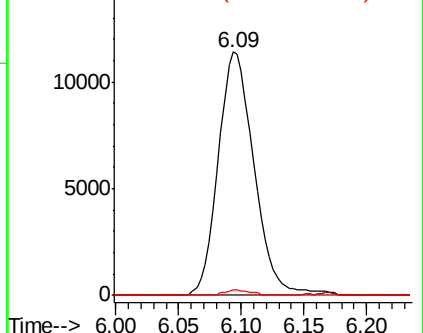
#35
Methylcyclohexane
Concen: 9.371 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018280.D
Acq: 17 Sep 2020 15:44

Instrument :
MSVOA_V
ClientSampleId :
BFWS4

Tot Ion: 83 Resp: 22657
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.5 38.8 58.2#

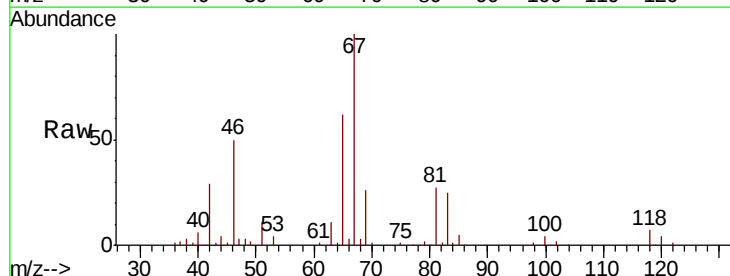


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

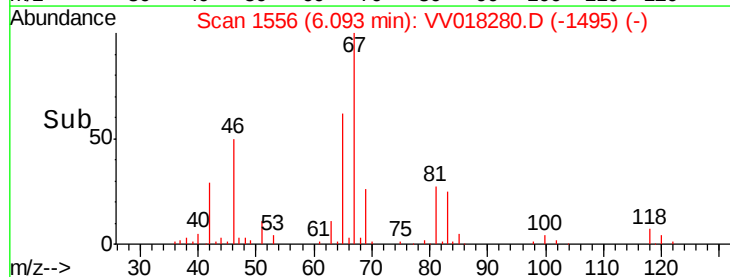
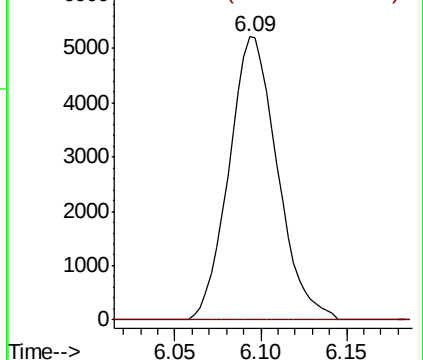


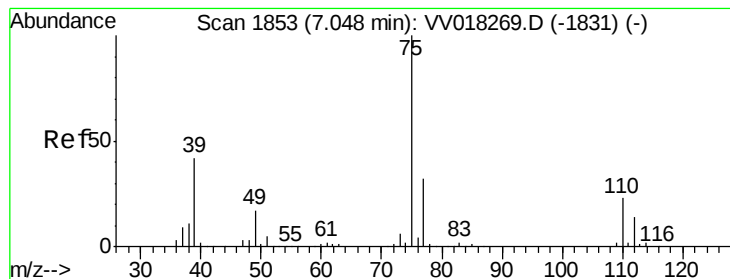
#37
1,2-Dichloropropane
Concen: 6.551 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018280.D
Acq: 17 Sep 2020 15:44

Tgt Ion: 63 Resp: 10234
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V



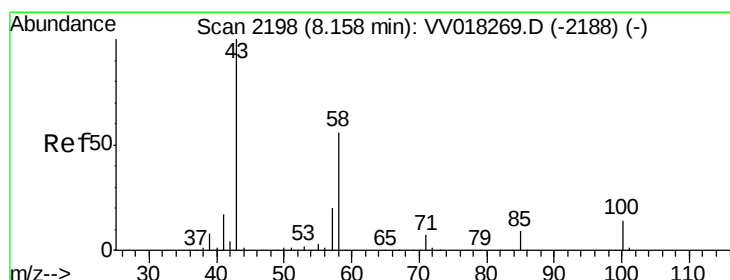
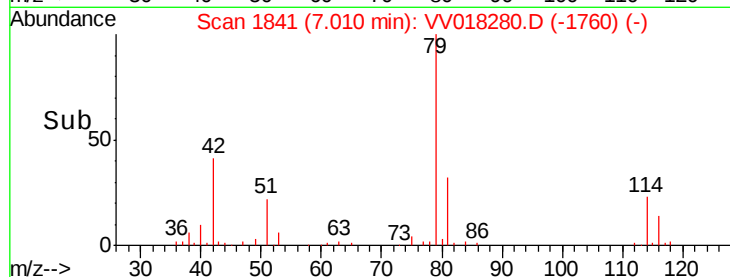
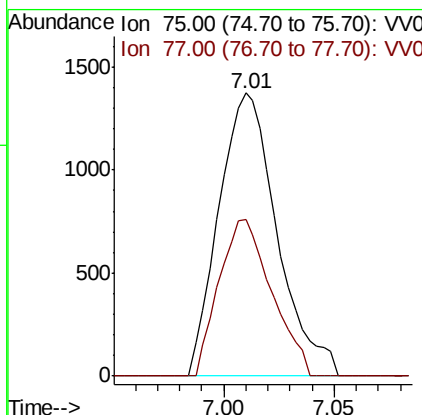
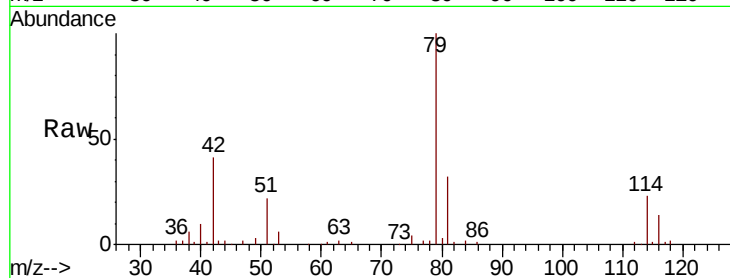


#39

cis-1,3-Dichloropropene
 Concen: 1.044 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018280.D
 Acq: 17 Sep 2020 15:44

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 MSVOA_V
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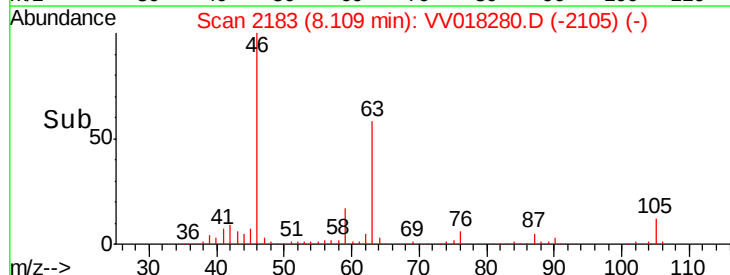
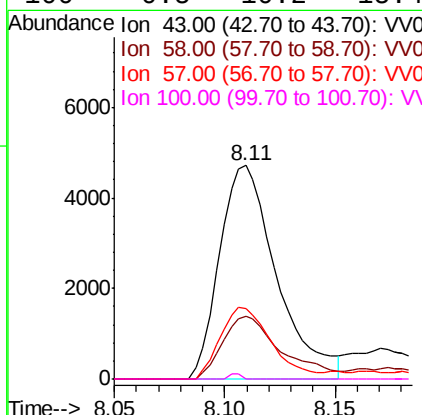
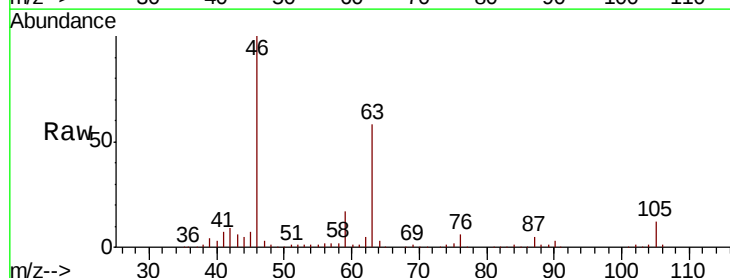
Tot Ion: 75 Resp: 2513
 Ion Ratio Lower Upper
 75 100
 77 55.3 22.3 41.3#

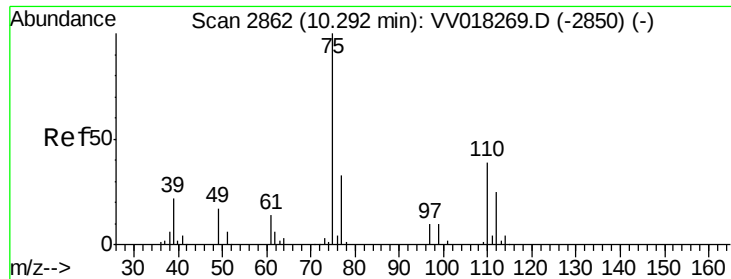


#48

2-Hexanone
 Concen: 5.652 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018280.D
 Acq: 17 Sep 2020 15:44

Tgt Ion: 43 Resp: 8444
 Ion Ratio Lower Upper
 43 100
 58 30.1 44.8 67.2#
 57 29.9 15.8 23.6#
 100 0.5 10.2 15.4#





#59
 1,2,3-Trichloropropane
 Concen: 6.151 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018280.D
 Acq: 17 Sep 2020 15:44

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWS4

Tot Ion: 75 Resp: 11301
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.8 38.6

