

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018380.D
 Acq On : 21 Sep 2020 19:00
 Operator : SY/MD
 Sample : L4090-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWZ4

Quant Time: Sep 22 04:38:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 04:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	288653	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	285105	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136014	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84080	35.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.48%
7) Chloroethane-d5	1.58	69	75729	39.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.68%
11) 1,1-Dichloroethene-d2	2.12	63	127607	29.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.14%#
21) 2-Butanone-d5	3.92	46	115407	80.15	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.15%
24) Chloroform-d	4.47	84	207	0.05	ug/L	0.10
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.10%#
26) 1,2-Dichloroethane-d4	5.06	65	113196	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.54%
32) Benzene-d6	5.08	84	334682	41.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.02%
36) 1,2-Dichloropropane-d6	6.09	67	108770	41.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.88%
41) Toluene-d8	7.34	98	297203	39.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.92%#
43) trans-1,3-Dichloropropene-	7.64	79	51445	39.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.08%
47) 2-Hexanone-d5	8.11	63	75716	77.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132053	40.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	128368	45.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%

Target Compounds

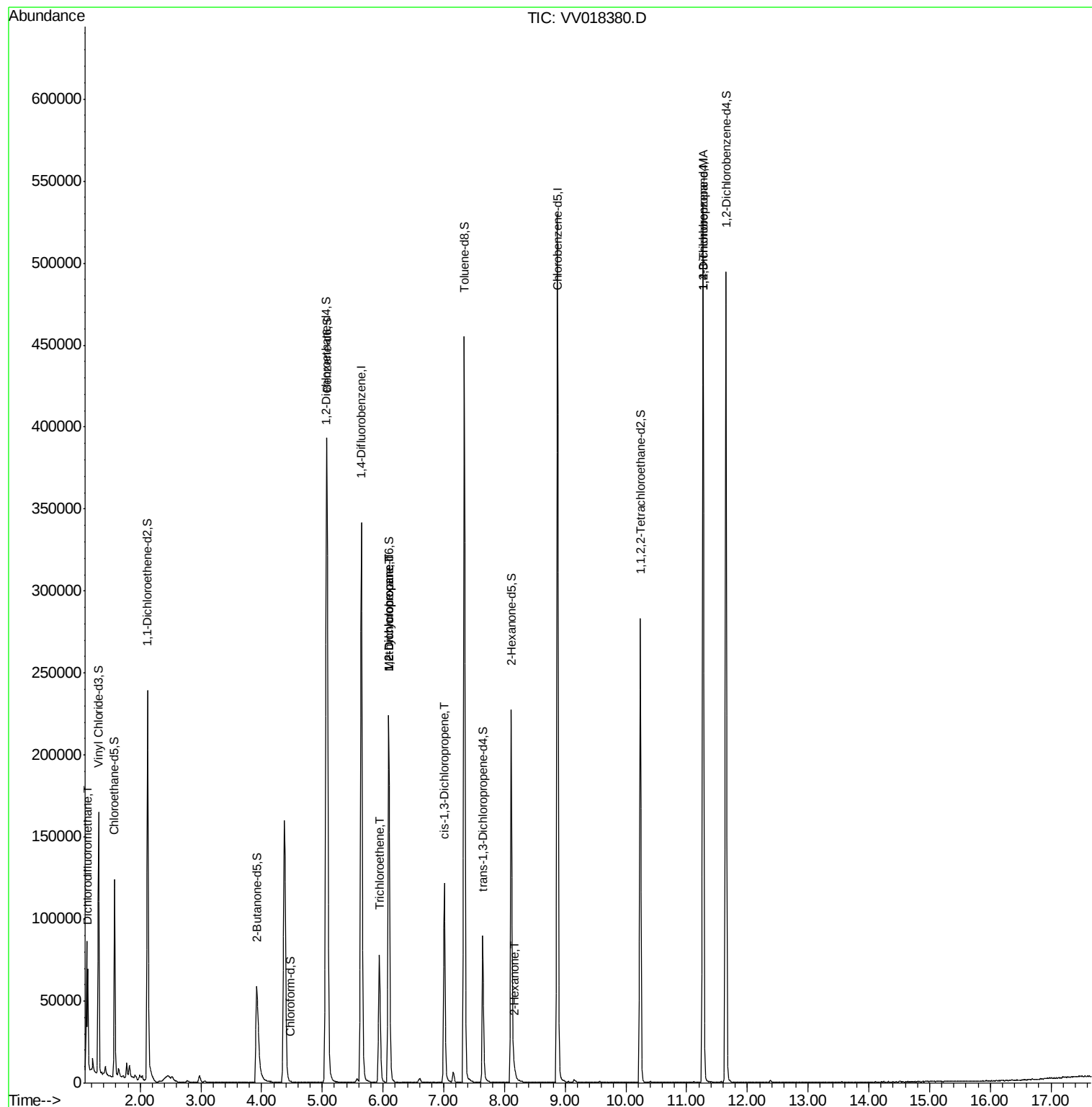
					Ovalue
2) Dichlorodifluoromethane	1.14	85	25899	12.305	ug/L 99
34) Trichloroethene	5.94	95	25942	11.683	ug/L 97
35) Methylcyclohexane	6.09	83	26514	7.930	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	12008	5.559	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	2918	0.877	ug/L # 74
48) 2-Hexanone	8.16	43	3709	1.795	ug/L # 41
59) 1,2,3-Trichloropropane	11.27	75	15398	6.061	ug/L # 88

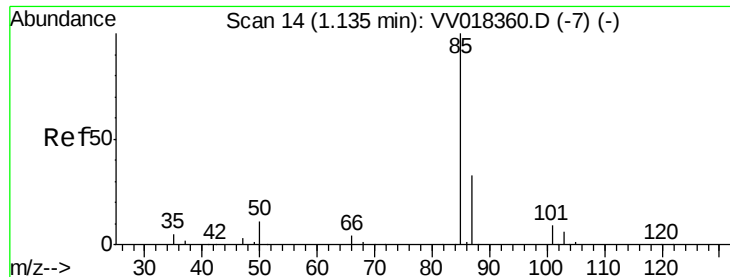
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 12.305 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV018380.D

Acq: 21 Sep 2020 19:00

Instrument :

MSVOA_V

ClientSampleId :

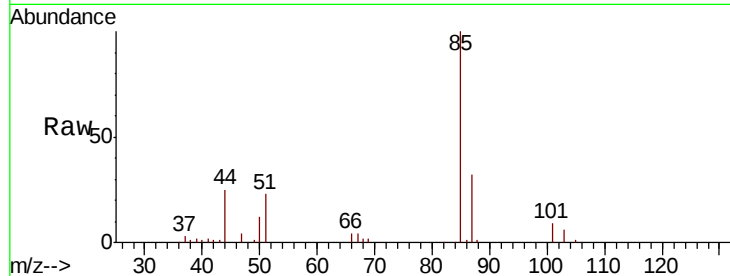
BFWZ4

Tot Ion: 85 Resp: 25899

Ion Ratio Lower Upper

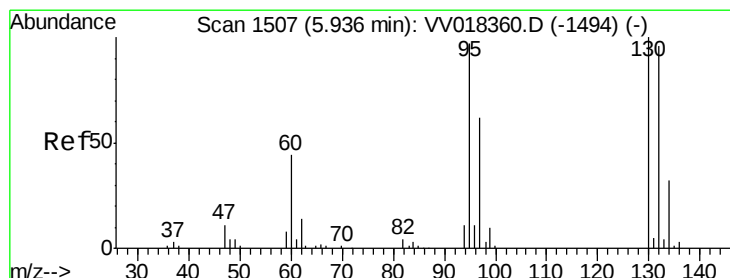
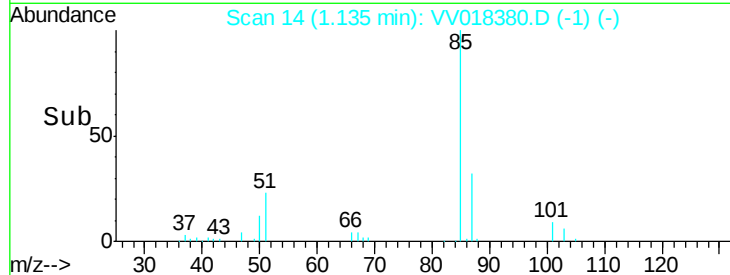
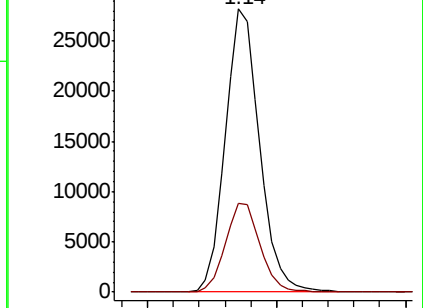
85 100

87 31.7 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV018380.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VV018380.D (-1) (-)



#34

Trichloroethene

Concen: 11.683 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018380.D

Acq: 21 Sep 2020 19:00

Tgt Ion: 95 Resp: 25942

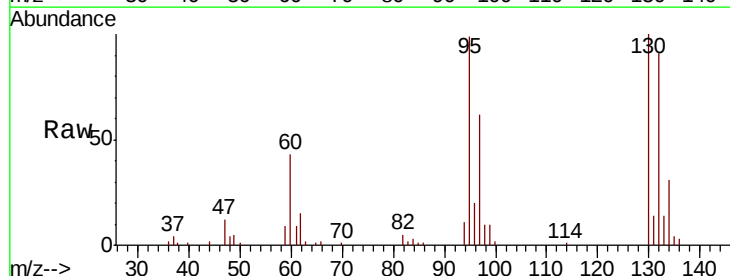
Ion Ratio Lower Upper

95 100

97 62.7 46.3 85.9

132 92.3 68.1 126.5

130 101.1 71.5 132.9

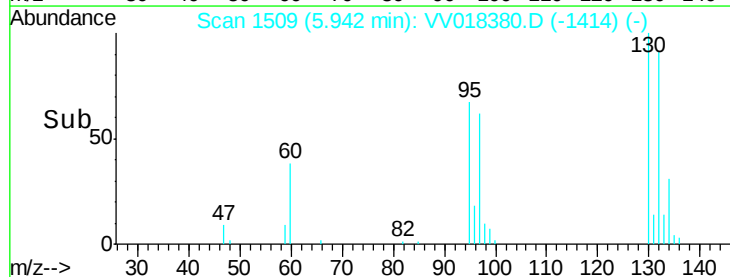
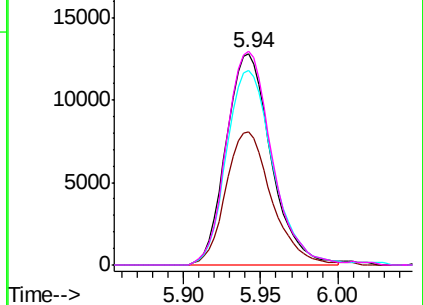


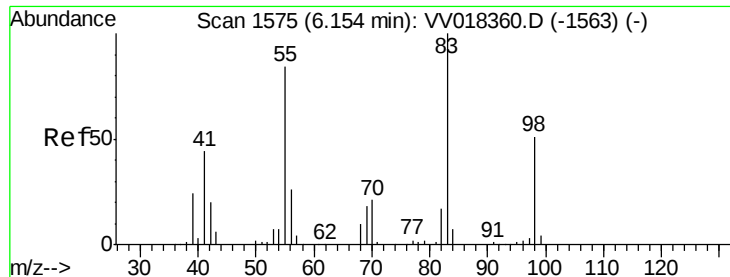
Abundance Ion 95.00 (94.70 to 95.70): VV018380.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV018380.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV018380.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV018380.D (-1414) (-)

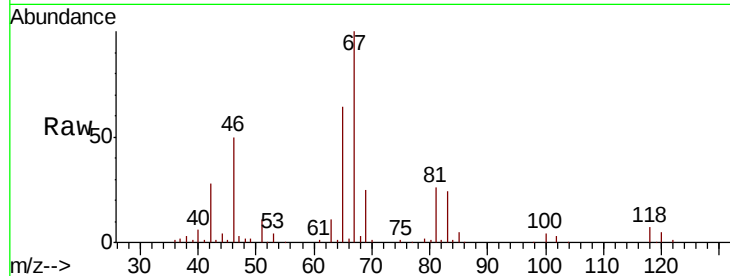




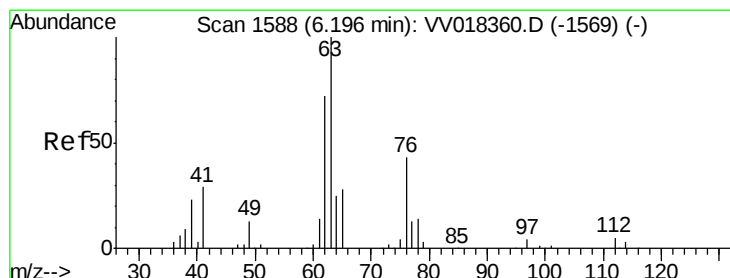
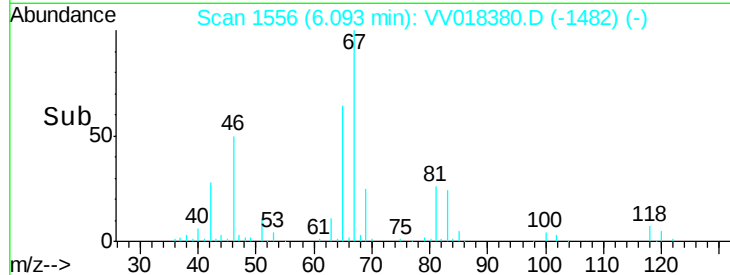
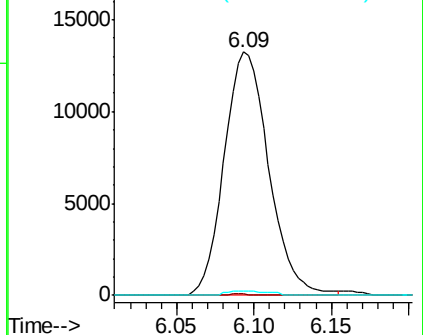
#35
Methvlcvclohexane
Concen: 7.930 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018380.D
Acq: 21 Sep 2020 19:00

Instrument :
MSVOA_V
ClientSampleId :
BFWZ4

Tot Ion: 83 Resp: 26514
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 1.3 38.8 58.2#

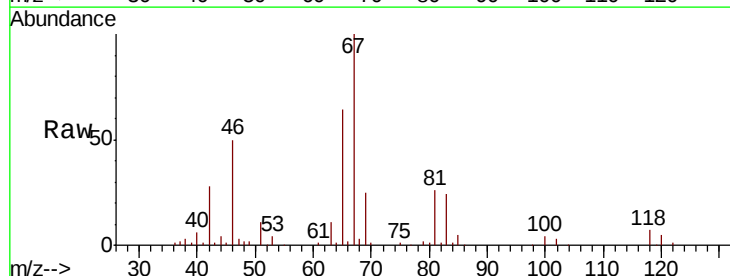


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

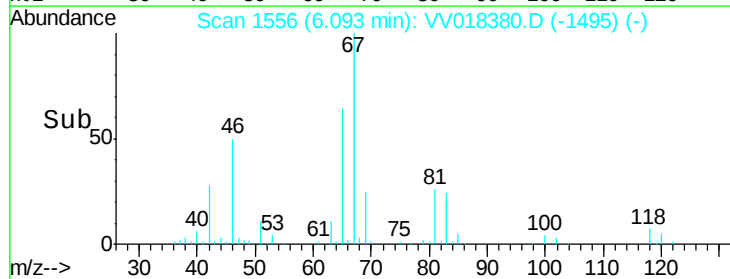
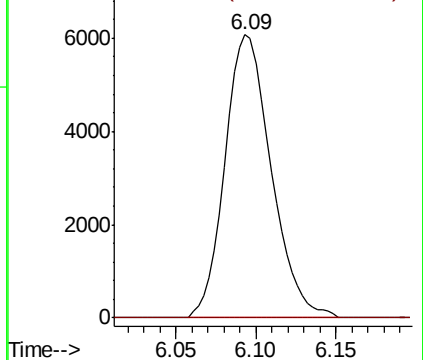


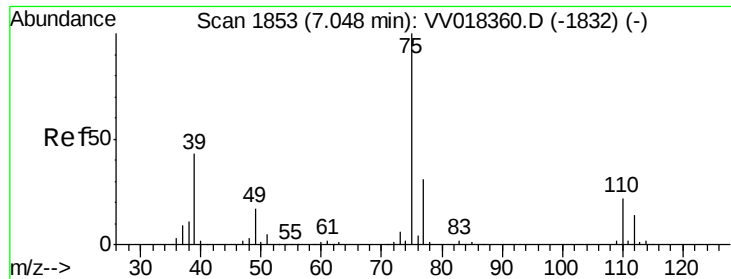
#37
1,2-Dichloropropane
Concen: 5.559 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018380.D
Acq: 21 Sep 2020 19:00

Tgt Ion: 63 Resp: 12008
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

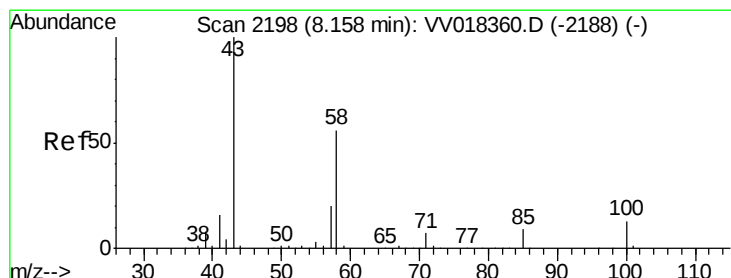
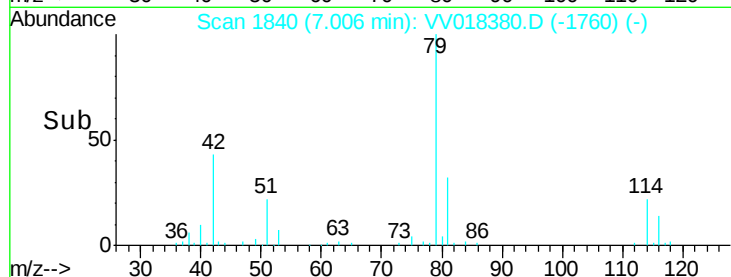
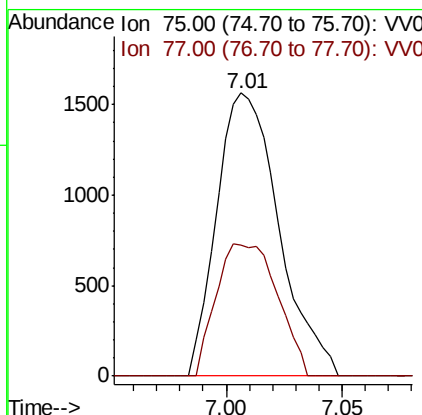
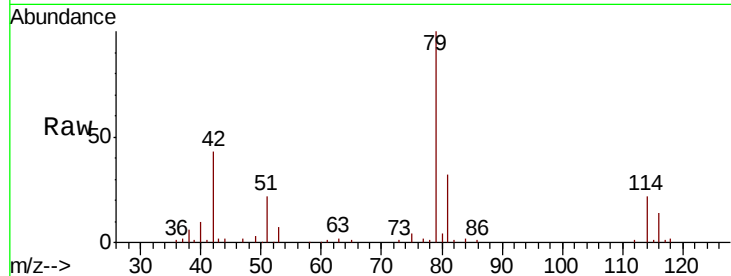




#39
 cis-1,3-Dichloropropene
 Concen: 0.877 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018380.D
 Acq: 21 Sep 2020 19:00

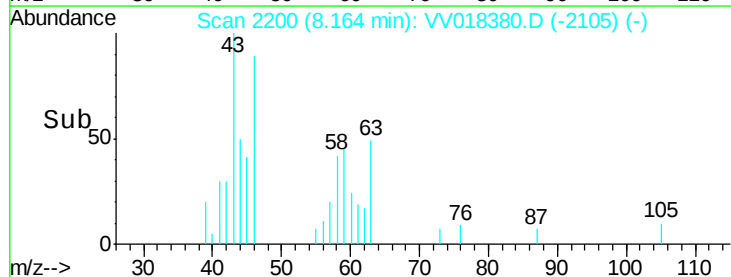
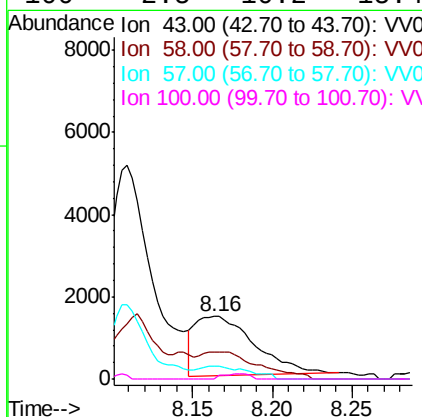
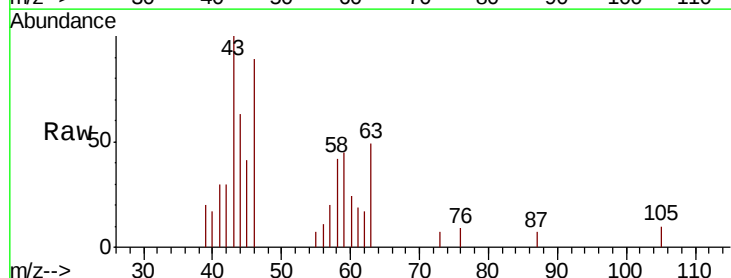
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 MSVOA_V
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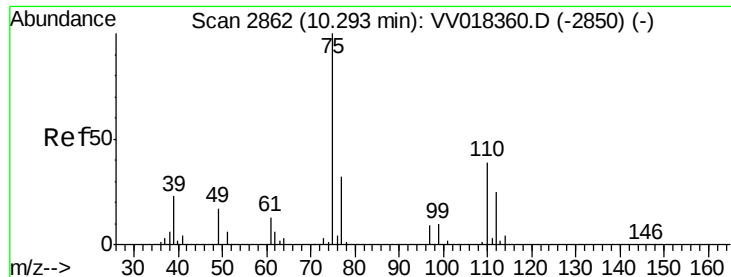
Tot Ion: 75 Resp: 2918
 Ion Ratio Lower Upper
 75 100
 77 46.4 22.3 41.3#



#48
 2-Hexanone
 Concen: 1.795 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018380.D
 Acq: 21 Sep 2020 19:00

Tgt Ion: 43 Resp: 3709
 Ion Ratio Lower Upper
 43 100
 58 2.8 44.8 67.2#
 57 2.0 15.8 23.6#
 100 2.5 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.061 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018380.D

Acq: 21 Sep 2020 19:00

Instrument :

MSVOA_V

ClientSampleId :

BFWZ4

Tot Ion: 75 Resp: 15398

Ion Ratio Lower Upper

75 100

77 39.0 25.8 38.6#

