

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018382.D
 Acq On : 21 Sep 2020 19:45
 Operator : SY/MD
 Sample : L4092-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFX10

Quant Time: Sep 22 04:38:38 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	283835	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281352	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134492	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83728	36.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.40%
7) Chloroethane-d5	1.58	69	74236	39.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.44%
11) 1,1-Dichloroethene-d2	2.12	63	127599	30.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.14%
21) 2-Butanone-d5	3.91	46	114277	80.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.71%
24) Chloroform-d	4.38	84	169154	42.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.30%
26) 1,2-Dichloroethane-d4	5.06	65	114858	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
32) Benzene-d6	5.08	84	334632	41.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.10%
36) 1,2-Dichloropropane-d6	6.09	67	110418	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.30%
41) Toluene-d8	7.34	98	298649	40.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.38%
43) trans-1,3-Dichloropropene-	7.64	79	51718	39.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.54%
47) 2-Hexanone-d5	8.11	63	69515	71.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	121129	37.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	129153	46.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.52%

Target Compounds

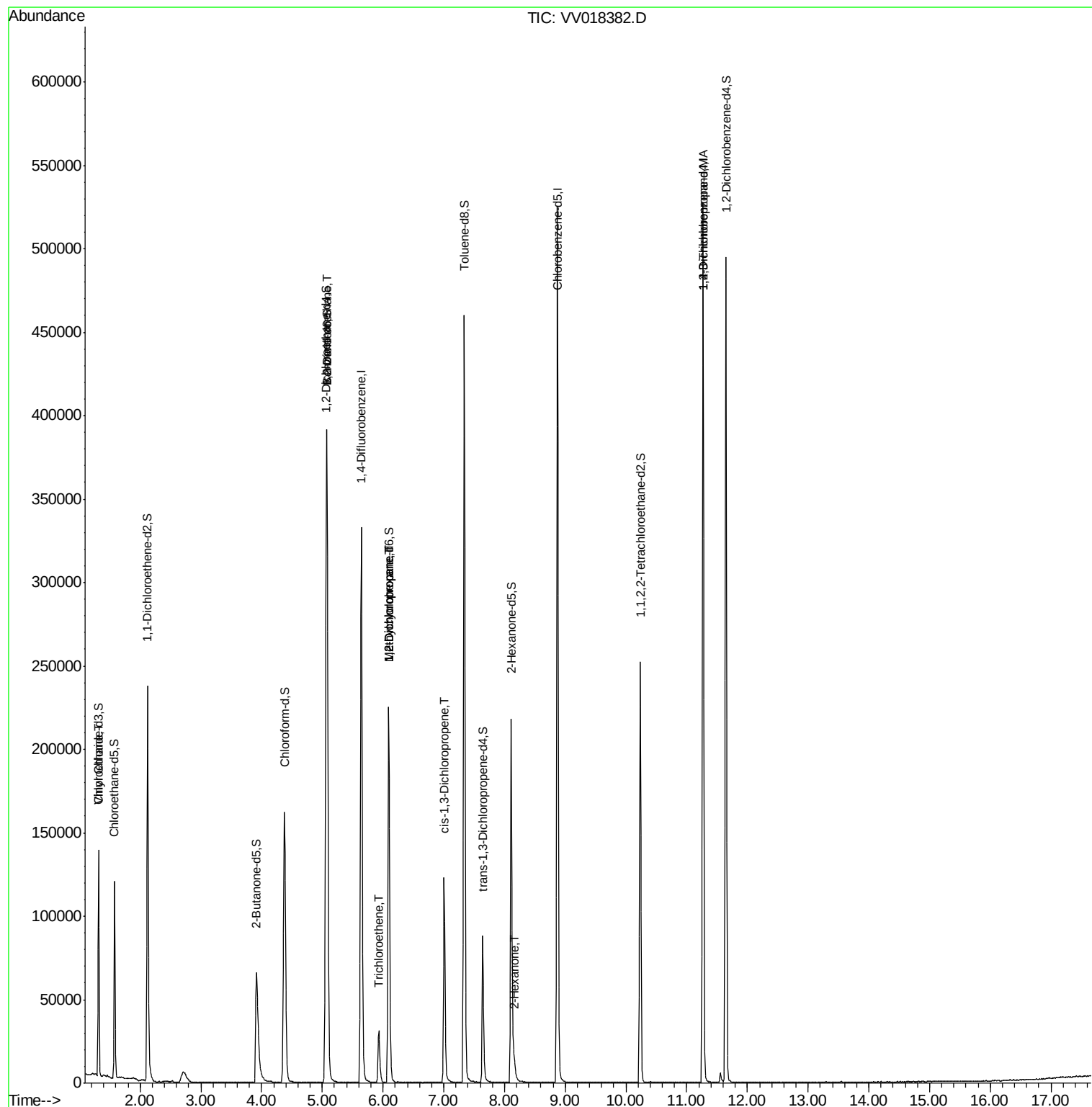
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	1064	0.733	ug/L #	1
27) 1,2-Dichloroethane	5.08	62	1931	0.676	ug/L #	74
34) Trichloroethene	5.94	95	2344	1.070	ug/L	97
35) Methylcyclohexane	6.09	83	26317	7.976	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11867	5.567	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3065	0.933	ug/L #	50
48) 2-Hexanone	8.16	43	8404	4.122	ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	15313	6.108	ug/L	95

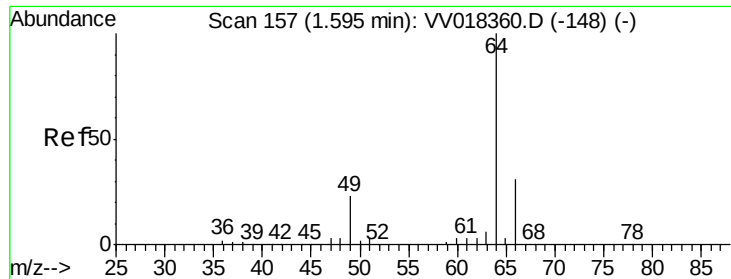
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.733 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV018382.D

Acq: 21 Sep 2020 19:45

Instrument :

MSVOA_V

ClientSampleId :

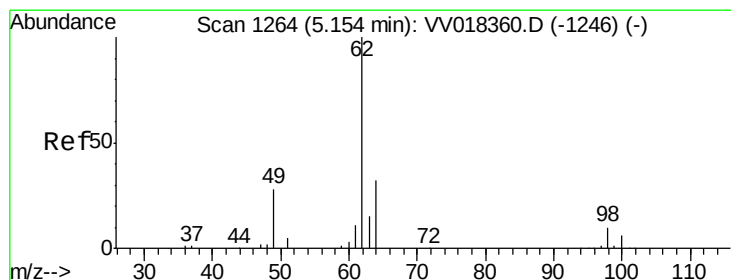
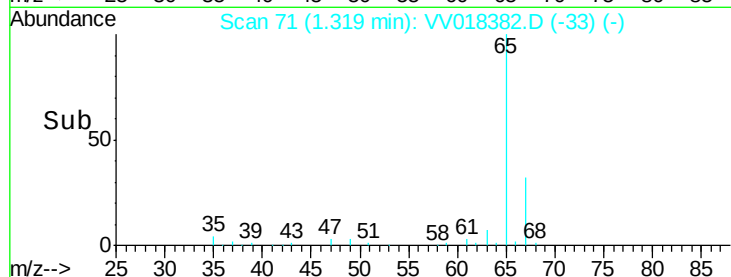
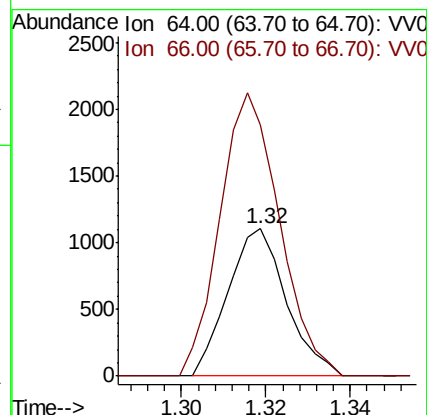
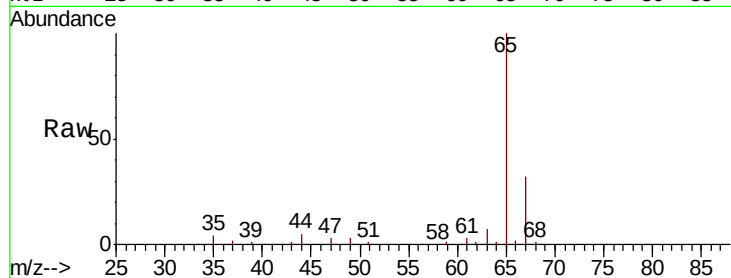
BFX10

Tot Ion: 64 Resp: 1064

Ion Ratio Lower Upper

64 100

66 170.7 22.5 41.7#



#27

1,2-Dichloroethane

Concen: 0.676 ug/L

RT: 5.08 min Scan# 1241

Delta R.T. -0.07 min

Lab File: VV018382.D

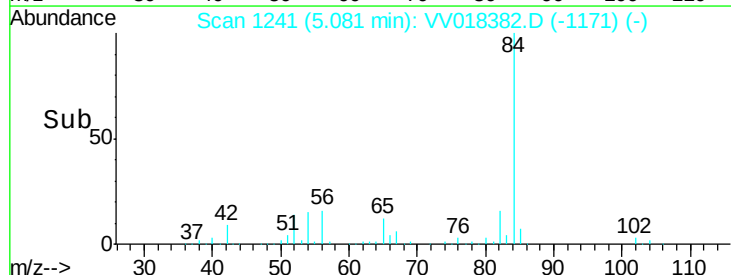
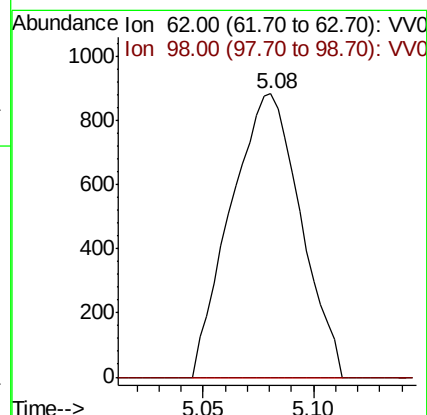
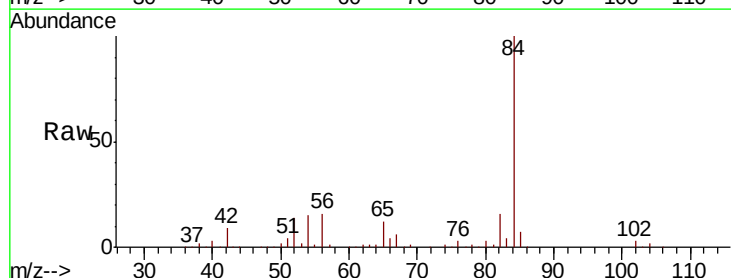
Acq: 21 Sep 2020 19:45

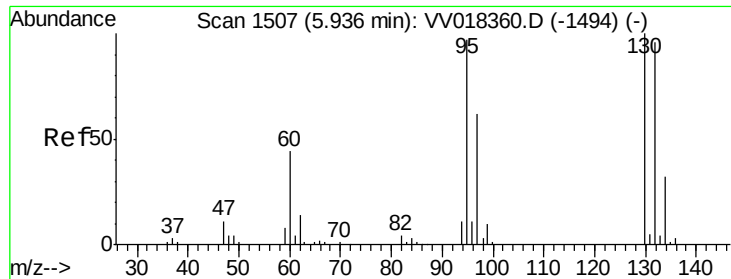
Tgt Ion: 62 Resp: 1931

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#





#34

Trichloroethene

Concen: 1.070 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018382.D

Acq: 21 Sep 2020 19:45

Instrument :

MSVOA_V

ClientSampleId :

BFX10

Tot Ion: 95 Resp: 2344

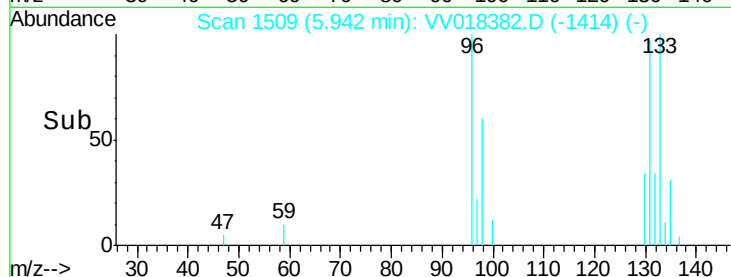
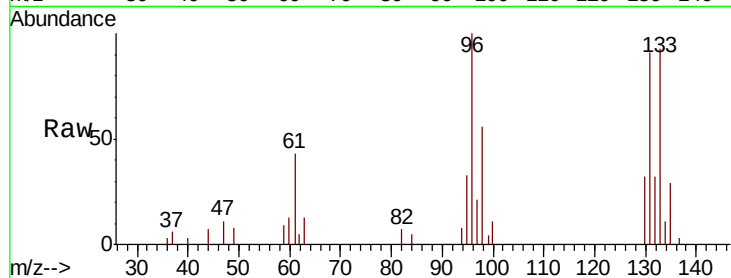
Ion Ratio Lower Upper

95 100

97 63.2 46.3 85.9

132 98.5 68.1 126.5

130 98.6 71.5 132.9

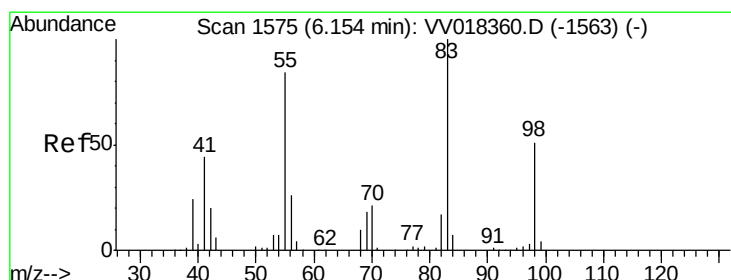
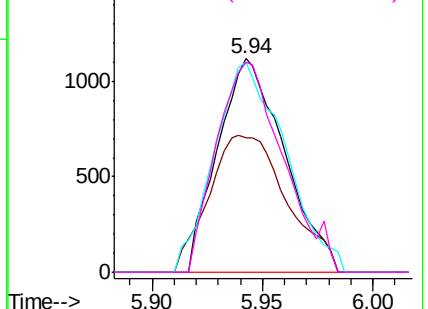


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 7.976 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018382.D

Acq: 21 Sep 2020 19:45

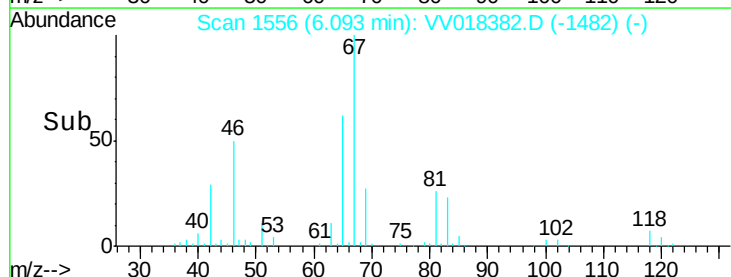
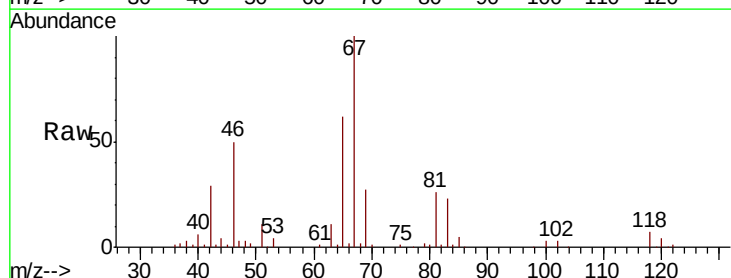
Tgt Ion: 83 Resp: 26317

Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.2#

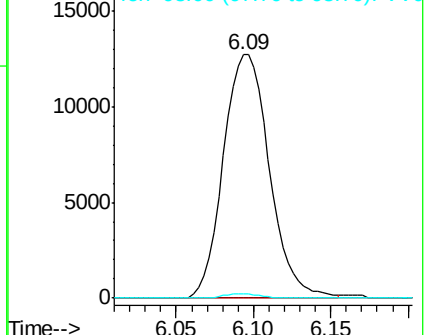
98 1.4 38.8 58.2#

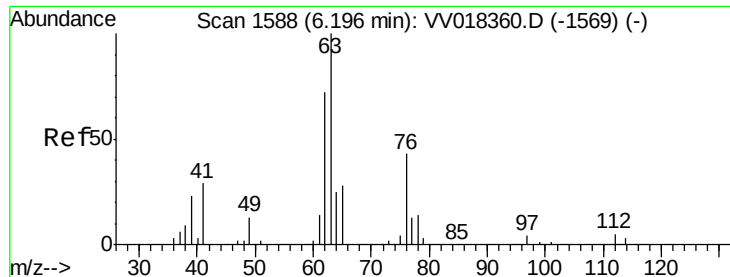


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

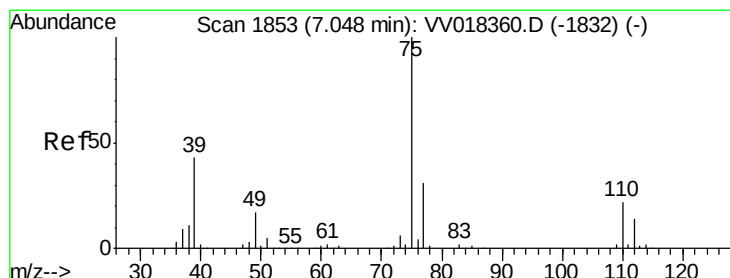
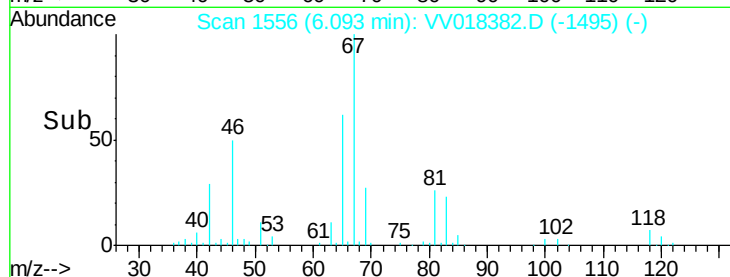
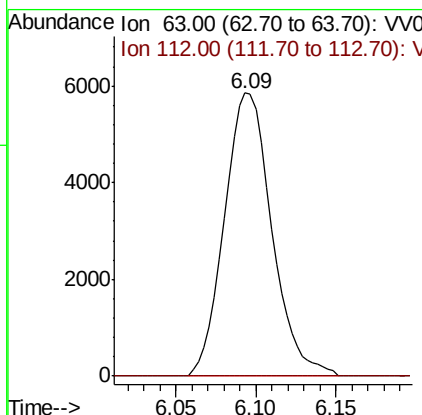
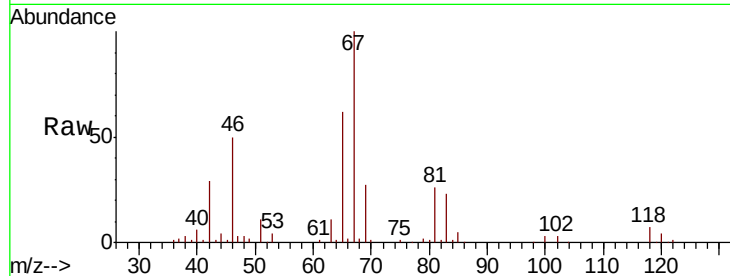




#37
 1,2-Dichloropropane
 Concen: 5.567 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018382.D
 Acq: 21 Sep 2020 19:45

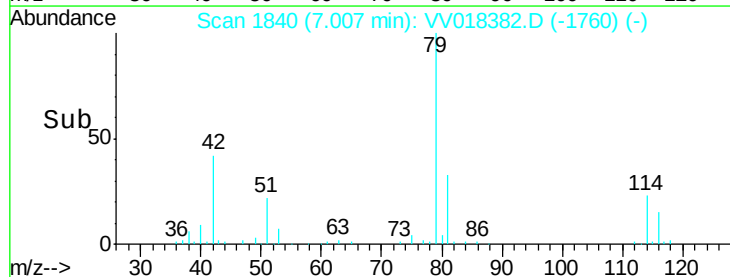
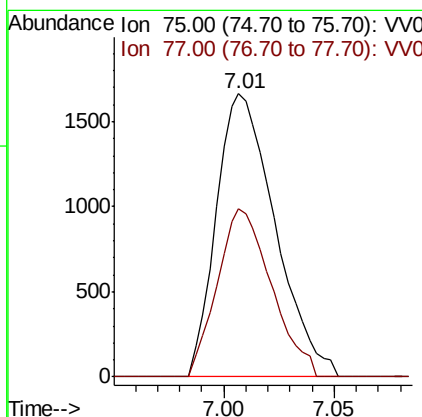
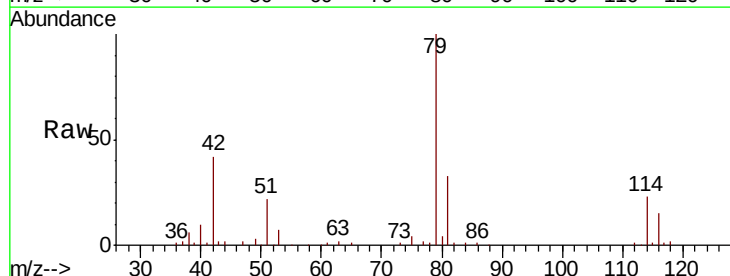
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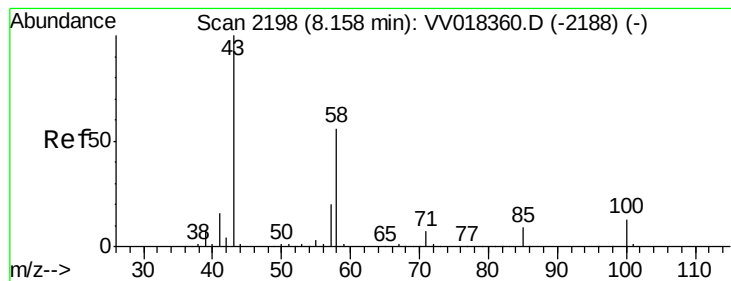
Tot Ion: 63 Resp: 11867
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.933 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018382.D
 Acq: 21 Sep 2020 19:45

Tgt Ion: 75 Resp: 3065
 Ion Ratio Lower Upper
 75 100
 77 59.4 22.3 41.3#





#48

2-Hexanone

Concen: 4.122 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018382.D

Acq: 21 Sep 2020 19:45

Instrument :

MSVOA_V

ClientSampleId :

BFX10

Tot Ion: 43 Resp: 8404

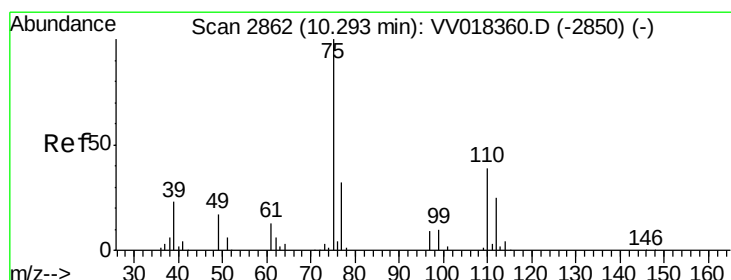
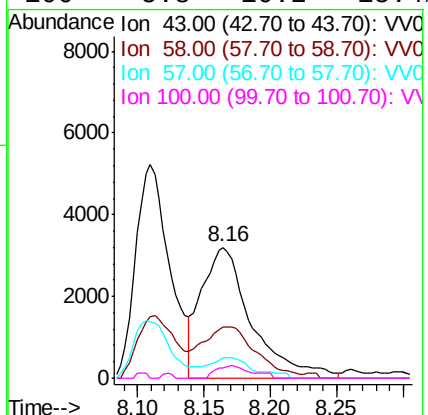
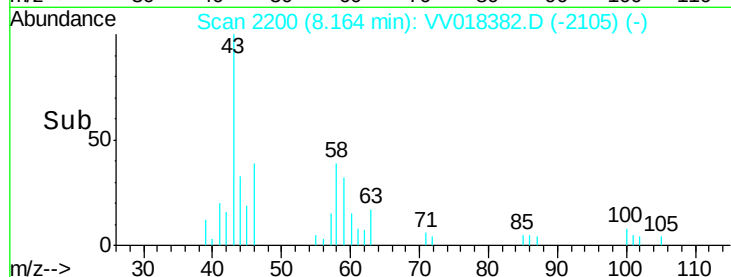
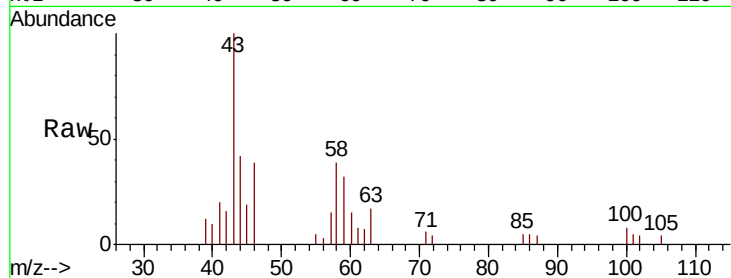
Ion Ratio Lower Upper

43 100

58 42.1 44.8 67.2#

57 6.4 15.8 23.6#

100 5.8 10.2 15.4#



#59

1,2,3-Trichloropropane

Concen: 6.108 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018382.D

Acq: 21 Sep 2020 19:45

Tgt Ion: 75 Resp: 15313

Ion Ratio Lower Upper

75 100

77 35.3 25.8 38.6

