

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\
 Data File : VV018393.D
 Acq On : 22 Sep 2020 14:14
 Operator : SY/MD
 Sample : L4090-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWX8RE

Quant Time: Sep 23 05:57:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 05:49:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	128900	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	129773	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61445	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84297	80.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	160.50%#
7) Chloroethane-d5	1.58	69	71944	83.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	167.40%#
11) 1,1-Dichloroethene-d2	2.12	63	125966	65.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	130.74%#
21) 2-Butanone-d5	3.91	46	110478	171.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	171.82%#
24) Chloroform-d	4.38	84	162445	89.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	178.26%#
26) 1,2-Dichloroethane-d4	5.06	65	108945	93.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	186.50%#
32) Benzene-d6	5.08	84	328955	88.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	177.10%#
36) 1,2-Dichloropropane-d6	6.09	67	105422	89.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	178.62%#
41) Toluene-d8	7.34	98	295660	87.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	174.66%#
43) trans-1,3-Dichloropropene-	7.64	79	51277	85.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	170.96%#
47) 2-Hexanone-d5	8.11	63	67761	151.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	151.55%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	121984	82.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	164.66%#
64) 1,2-Dichlorobenzene-d4	11.65	152	122062	96.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	193.46%#

Target Compounds

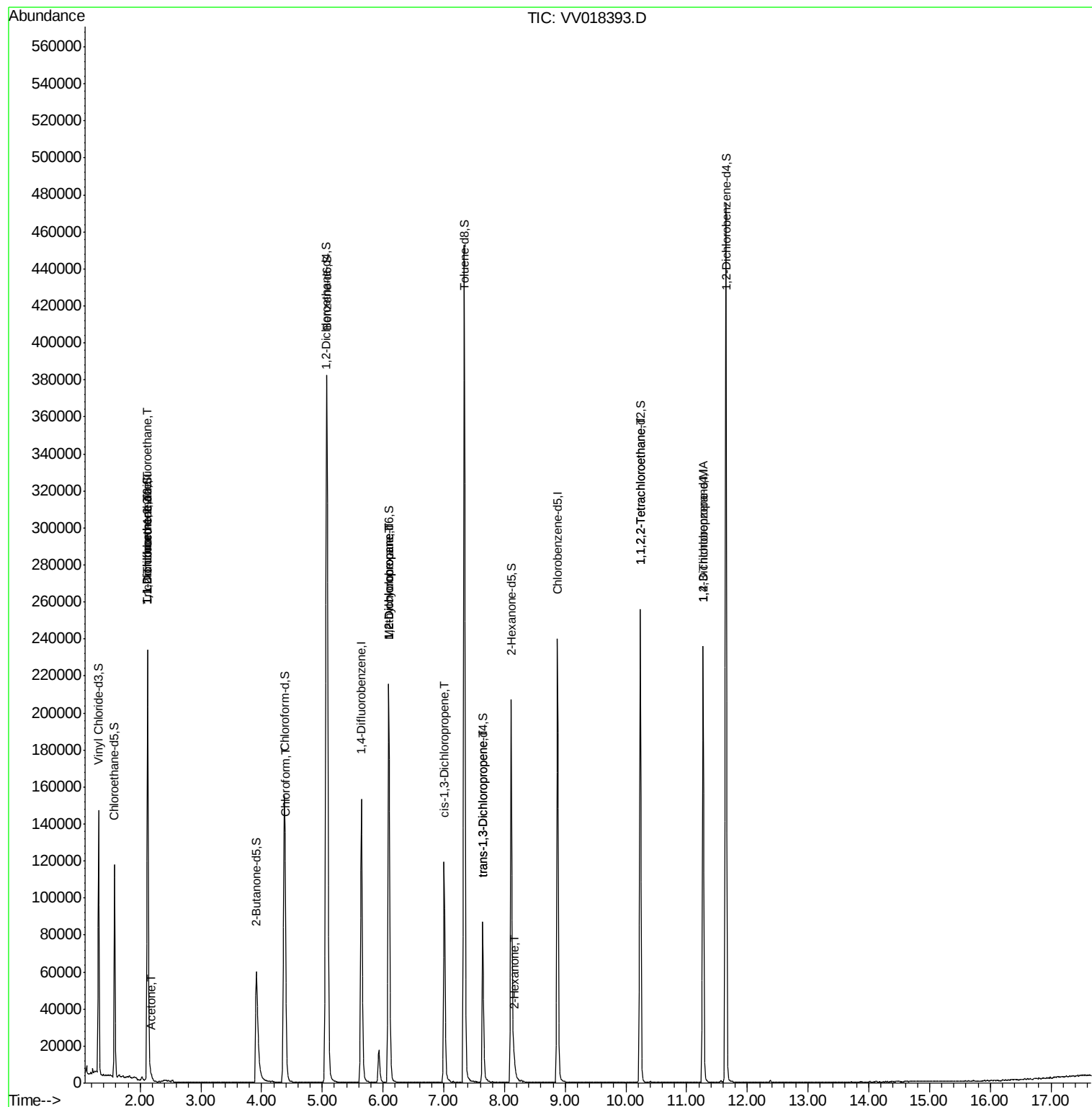
					Ovalue
9) Trichlorofluoromethane	2.12	101	1226	0.847 ug/L #	30
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1226	1.409 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1153	1.362 ug/L #	1
13) Acetone	2.19	43	1414	2.746 ug/L	87
25) Chloroform	4.40	83	1592	0.950 ug/L #	53
35) Methylcyclohexane	6.09	83	25427	16.708 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11398	11.593 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2681	1.770 ug/L #	64
44) trans-1,3-Dichloropropene	7.64	75	2038	1.382 ug/L	96
48) 2-Hexanone	8.17	43	5311	5.648 ug/L #	90
58) 1,1,2,2-Tetrachloroethane	10.24	83	846	0.628 ug/L #	1
59) 1,2,3-Trichloropropane	11.27	75	7020	6.070 ug/L	93

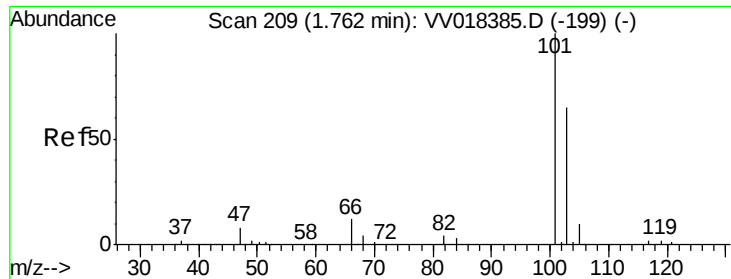
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 23 05:49:41 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.847 ug/L

RT: 2.12 min Scan# 321

Delta R.T. 0.36 min

Lab File: VV018393.D

Acq: 22 Sep 2020 14:14

Instrument :

MSVOA_V

ClientSampleId :

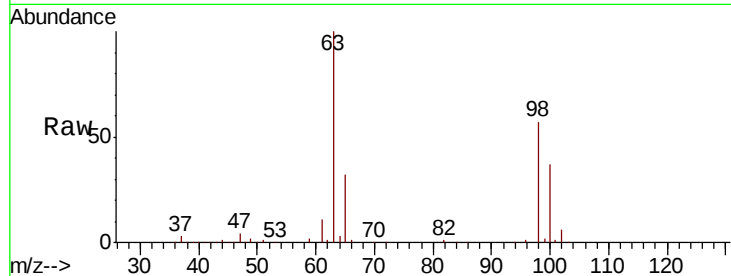
BFWX8RE

Tot Ion:101 Resp: 1226

Ion Ratio Lower Upper

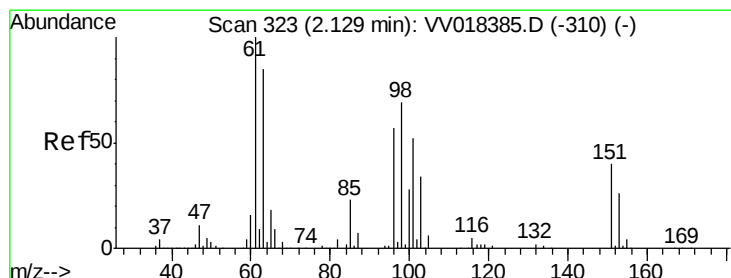
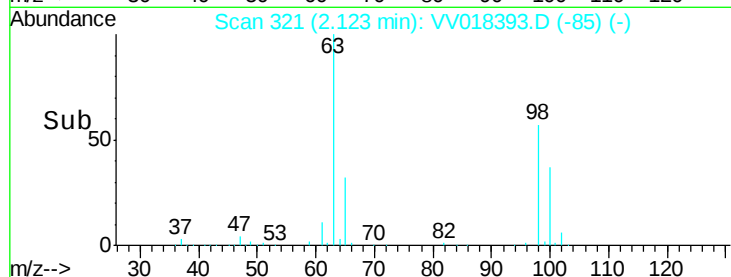
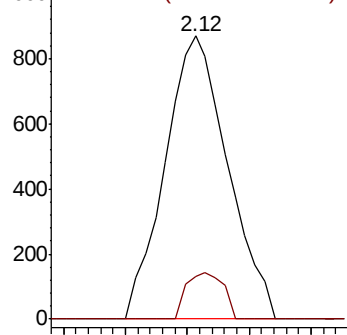
101 100

103 9.7 51.8 77.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.409 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018393.D

Acq: 22 Sep 2020 14:14

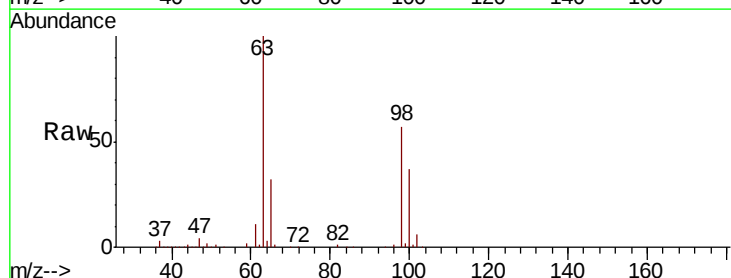
Tgt Ion:101 Resp: 1226

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

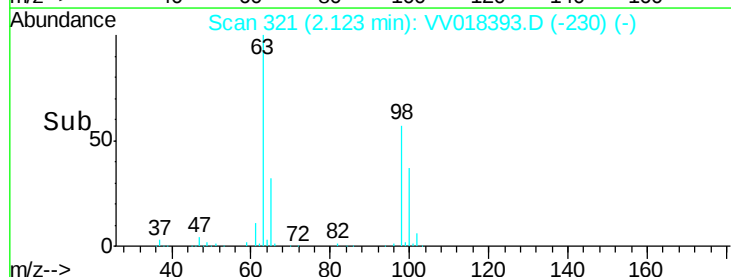
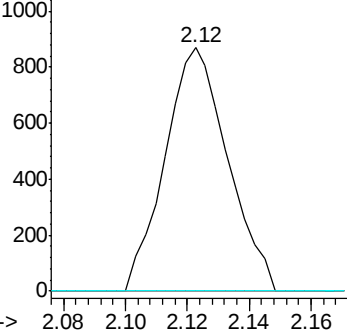
151 0.0 62.2 93.2#

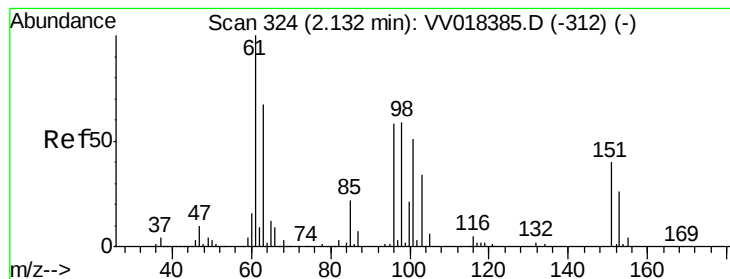


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 1.362 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018393.D

Acq: 22 Sep 2020 14:14

Instrument :

MSVOA_V

ClientSampleId :

BFWX8RE

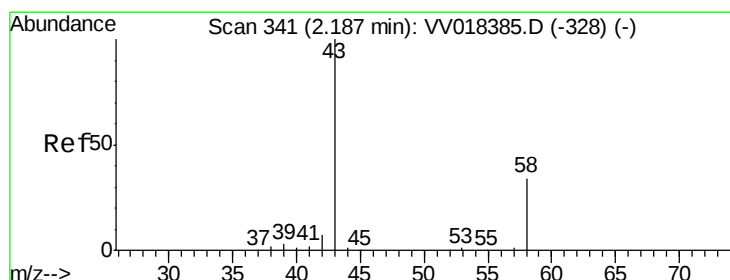
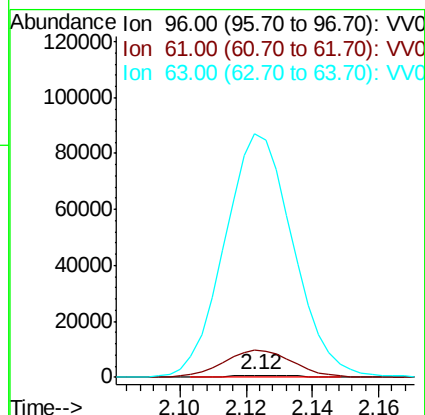
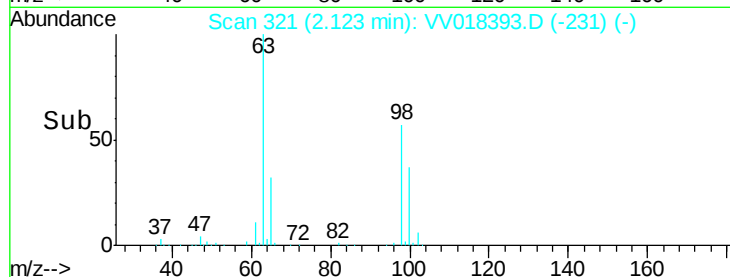
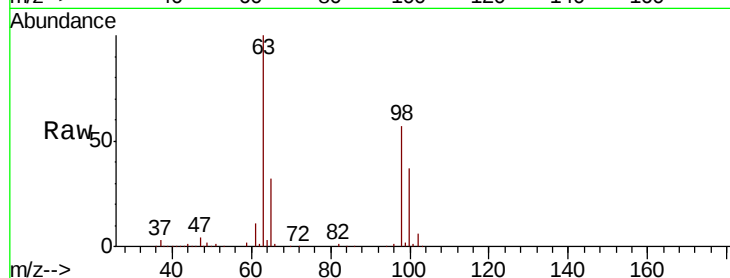
Tot Ion: 96 Resp: 1153

Ion Ratio Lower Upper

96 100

61 1168.3 122.9 228.3#

63 10574.0 91.9 170.7#



#13

Acetone

Concen: 2.746 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV018393.D

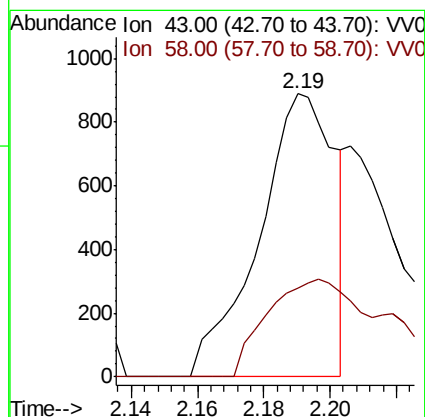
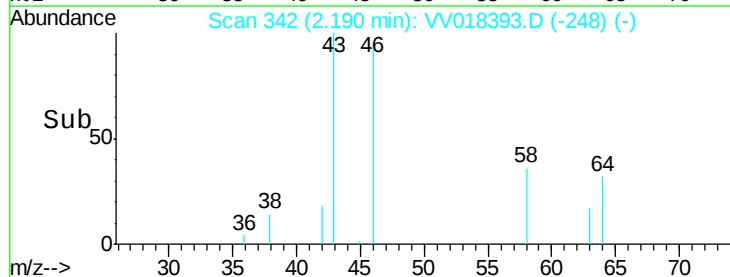
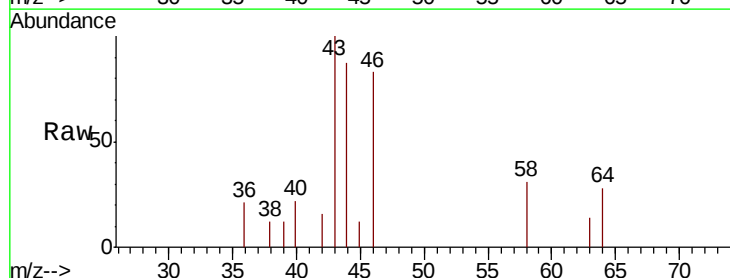
Acq: 22 Sep 2020 14:14

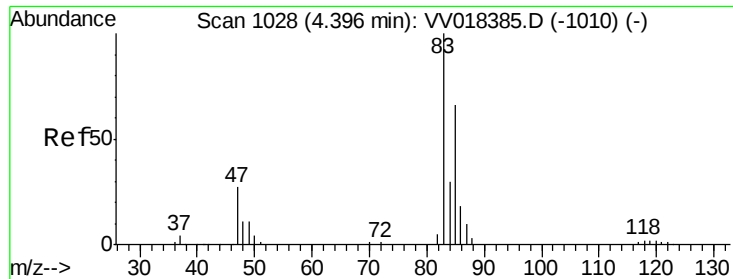
Tgt Ion: 43 Resp: 1414

Ion Ratio Lower Upper

43 100

58 41.1 0.0 67.4

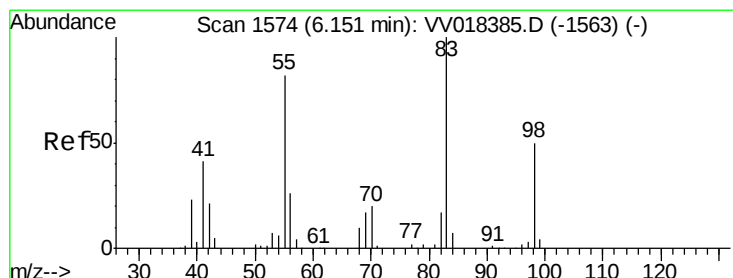
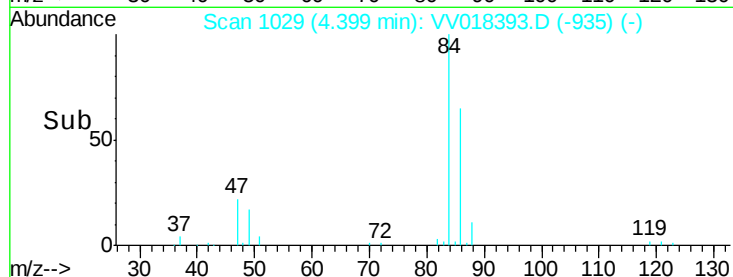
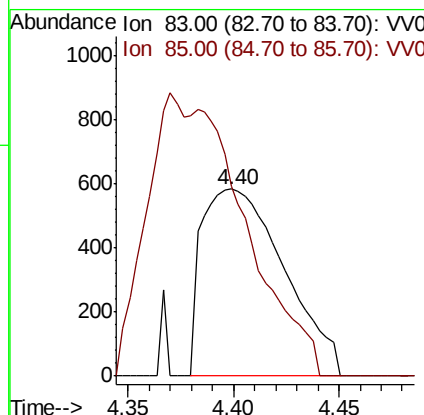
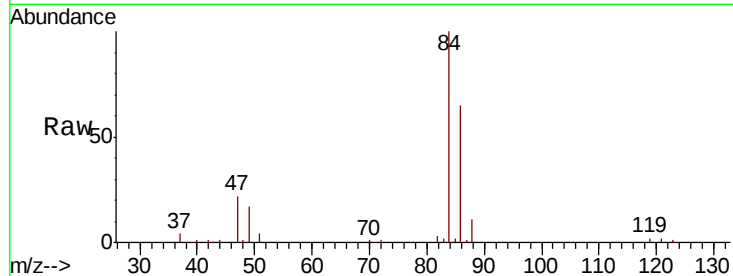




#25
Chloroform
Concen: 0.950 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV018393.D
Acq: 22 Sep 2020 14:14

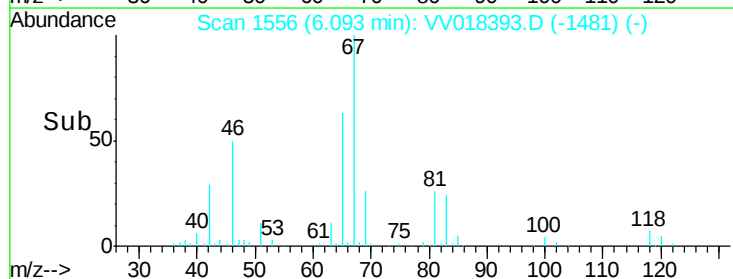
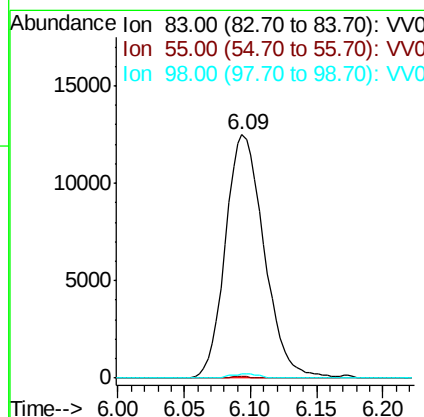
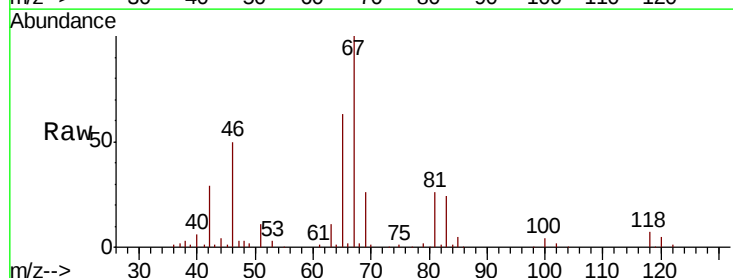
Instrument :
MSVOA_V
ClientSampleId :
BFWX8RE

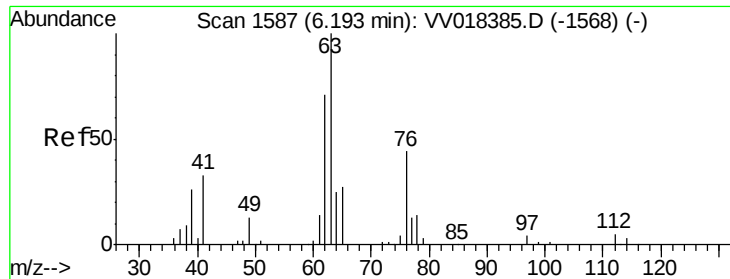
Tot Ion: 83 Resp: 1592
Ion Ratio Lower Upper
83 100
85 101.4 45.0 83.6#



#35
Methylcyclohexane
Concen: 16.708 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018393.D
Acq: 22 Sep 2020 14:14

Tgt Ion: 83 Resp: 25427
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.3 38.8 58.2#

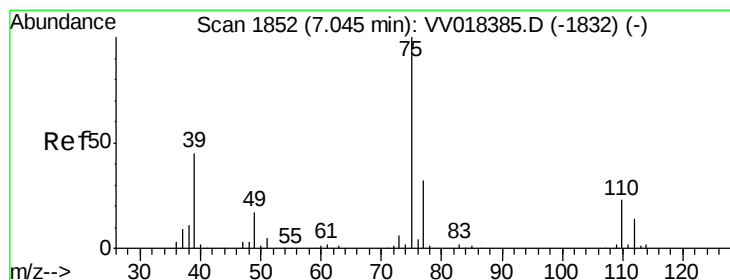
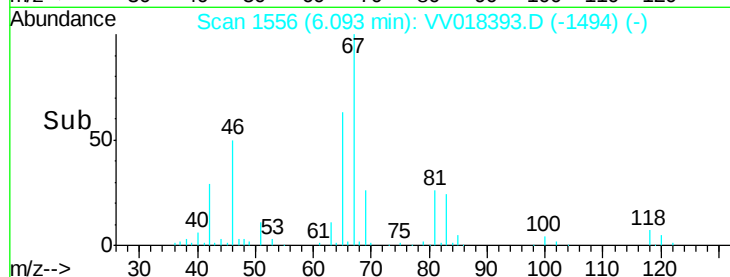
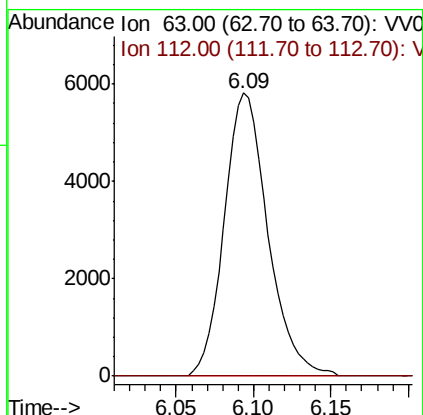
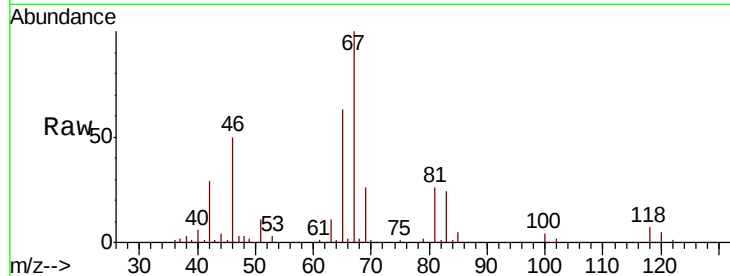




#37
 1,2-Dichloropropane
 Concen: 11.593 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018393.D
 Acq: 22 Sep 2020 14:14

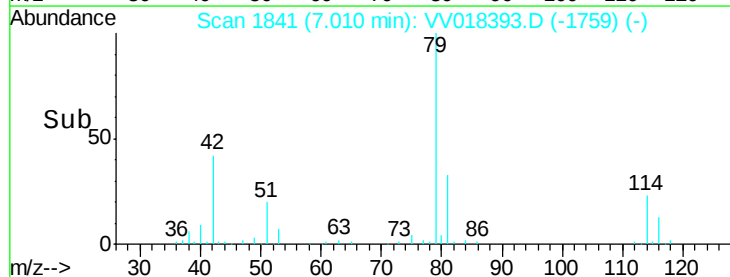
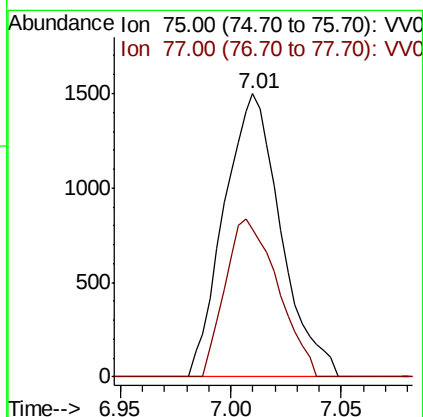
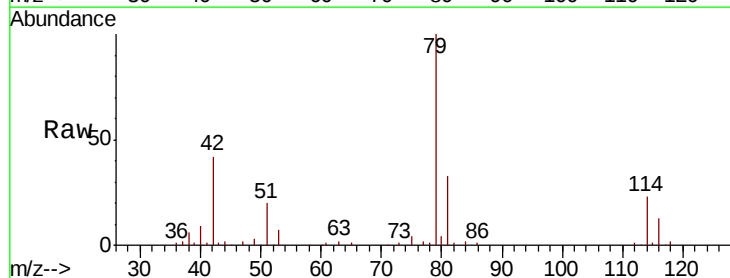
Instrument :
 MSVOA_V
 ClientSampleId :
 BFWX8RE

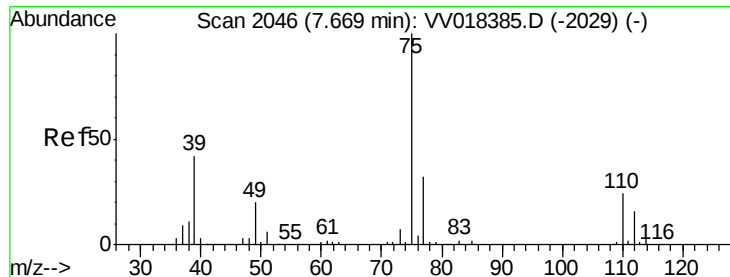
Tot Ion: 63 Resp: 11398
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.770 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018393.D
 Acq: 22 Sep 2020 14:14

Tgt Ion: 75 Resp: 2681
 Ion Ratio Lower Upper
 75 100
 77 52.1 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 1.382 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV018393.D

Acq: 22 Sep 2020 14:14

Instrument :

MSVOA_V

ClientSampleId :

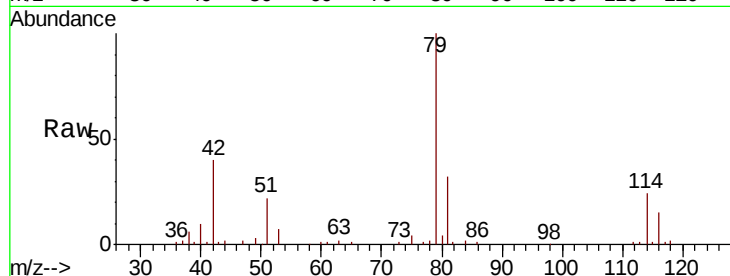
BFWX8RE

Tot Ion: 75 Resp: 2038

Ion Ratio Lower Upper

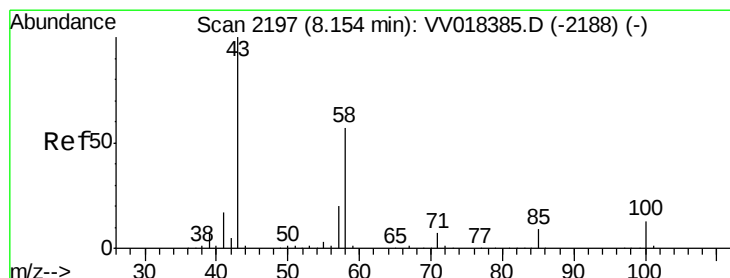
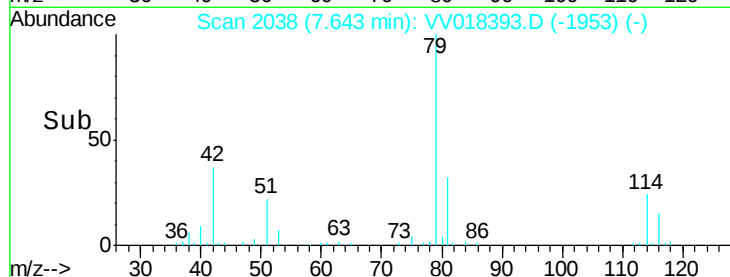
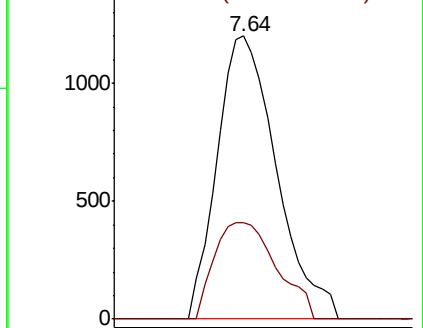
75 100

77 34.1 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 5.648 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV018393.D

Acq: 22 Sep 2020 14:14

Tgt Ion: 43 Resp: 5311

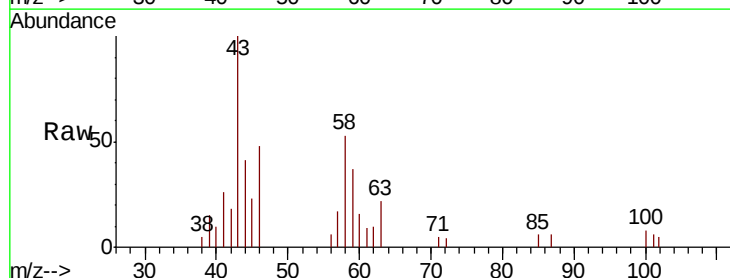
Ion Ratio Lower Upper

43 100

58 51.0 44.8 67.2

57 11.1 15.8 23.6#

100 10.0 10.2 15.4#

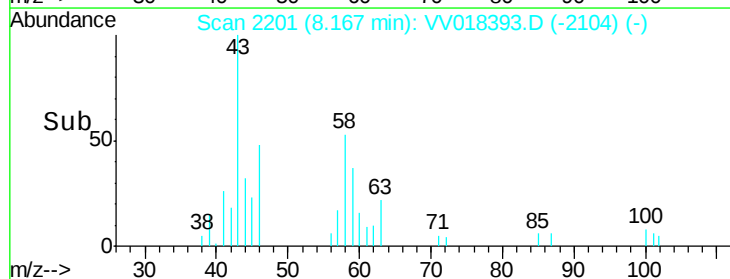
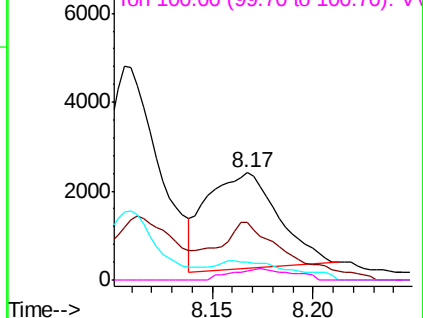


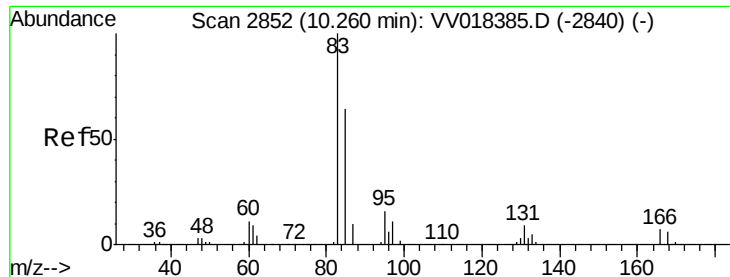
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#58

1,1,2,2-Tetrachloroethane

Concen: 0.628 ug/L

RT: 10.24 min Scan# 2847

Delta R.T. -0.02 min

Lab File: VV018393.D

Acq: 22 Sep 2020 14:14

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MSVOA_V

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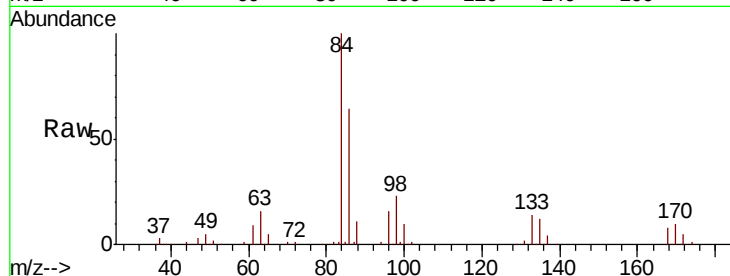
Tot Ion: 83 Resp: 846

Ion Ratio Lower Upper

83 100

85 144.8 45.8 85.2#

131 227.0 8.0 12.0#

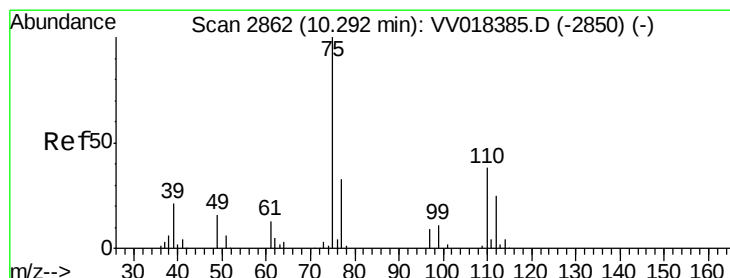
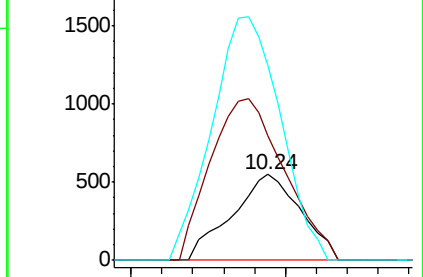
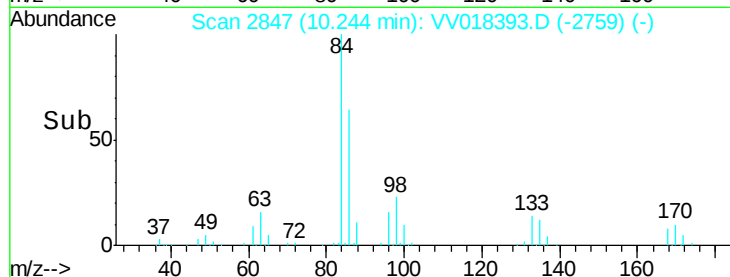


Abundance Ion 83.00 (82.70 to 83.70): VV018393.D (-2759) (-)

Ion 85.00 (84.70 to 85.70): VV018393.D (-2759) (-)

Ion 131.00 (130.70 to 131.70): VV018393.D (-2759) (-)

Time-->



#59

1,2,3-Trichloropropane

Concen: 6.070 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018393.D

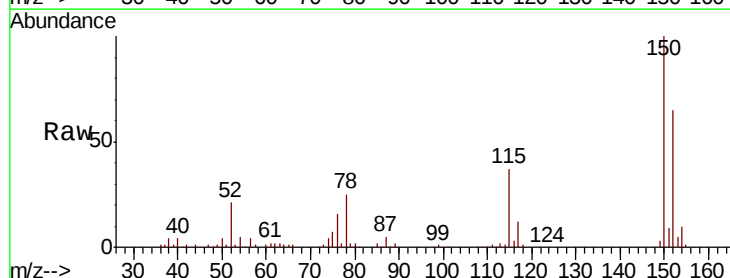
Acq: 22 Sep 2020 14:14

Tgt Ion: 75 Resp: 7020

Ion Ratio Lower Upper

75 100

77 35.9 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV018393.D (-2240) (-)

Ion 77.00 (76.70 to 77.70): VV018393.D (-2240) (-)

Time-->

