

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100520\
 Data File : VV018671.D
 Acq On : 05 Oct 2020 13:34
 Operator : SY/MD
 Sample : L4144-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 02:12:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 02:11:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	199860	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	203013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	91459	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79189	67.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	135.12%#
7) Chloroethane-d5	1.58	69	67518	69.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	139.34%#
11) 1,1-Dichloroethene-d2	2.12	63	122602	51.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.68%
21) 2-Butanone-d5	3.91	46	96361	110.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.21%
24) Chloroform-d	4.38	84	144107	56.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.72%
26) 1,2-Dichloroethane-d4	5.06	65	98996	61.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.04%
32) Benzene-d6	5.07	84	277973	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.12%
36) 1,2-Dichloropropane-d6	6.09	67	87337	56.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.42%
41) Toluene-d8	7.34	98	246151	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%
43) trans-1,3-Dichloropropene-	7.64	79	42196	50.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.54%
47) 2-Hexanone-d5	8.11	63	48198	81.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	88940	43.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	103609	58.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.82%

Target Compounds

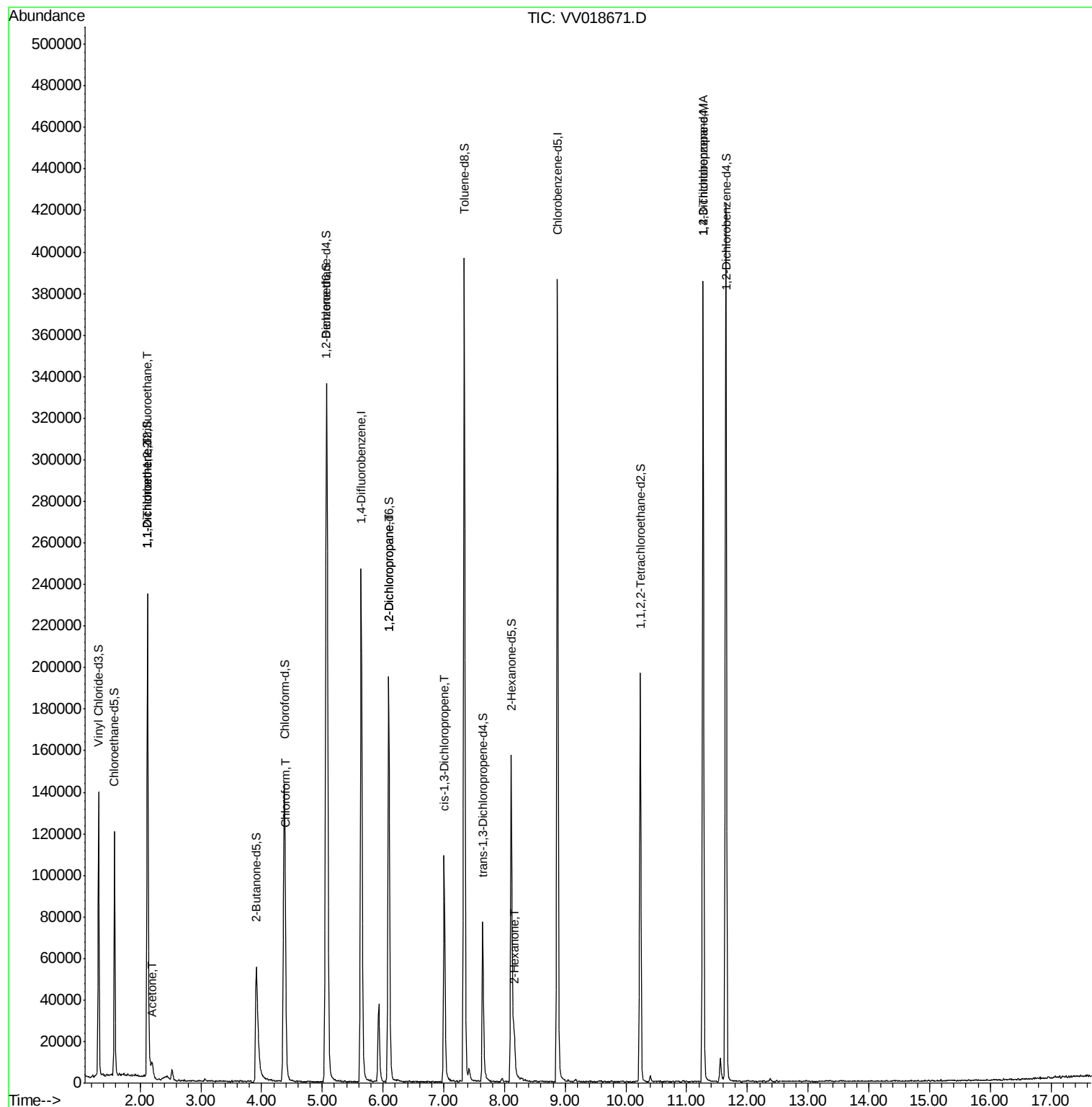
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1289	0.991 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1075	0.862 ug/L #	1
13) Acetone	2.20	43	10699	14.164 ug/L	95
25) Chloroform	4.40	83	2517	0.954 ug/L	87
37) 1,2-Dichloropropane	6.09	63	10854	7.093 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3213	1.338 ug/L	90
48) 2-Hexanone	8.16	43	13239	8.593 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	11470	6.162 ug/L #	84

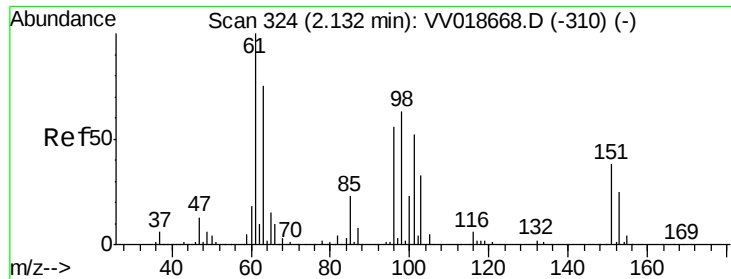
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.991 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018671.D

Acq: 05 Oct 2020 13:34

Instrument :

MSVOA_V

ClientSampleId :

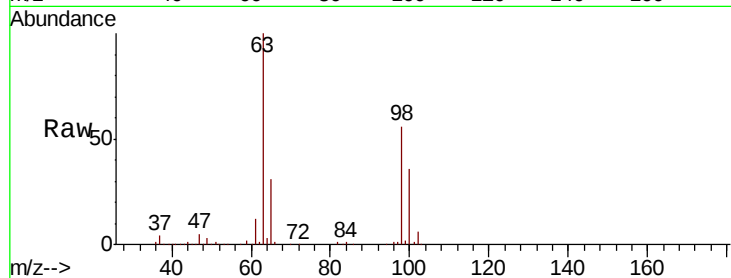
Tot Ion:101 Resp: 1289

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

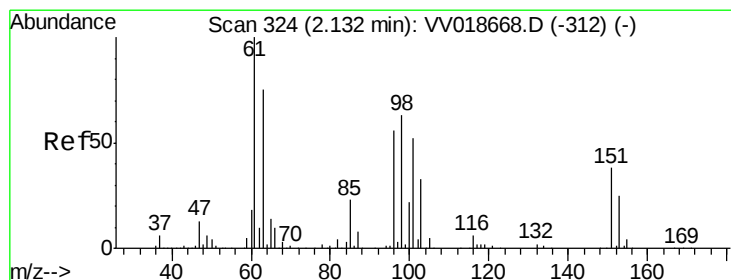
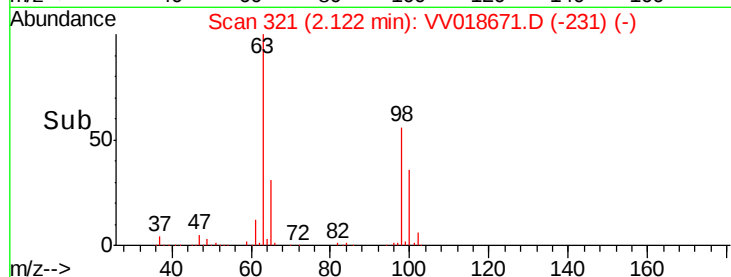
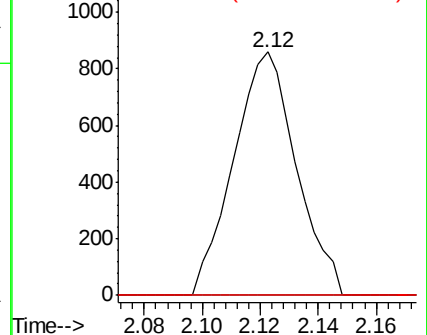
151 0.0 64.3 96.5#



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: 0.862 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018671.D

Acq: 05 Oct 2020 13:34

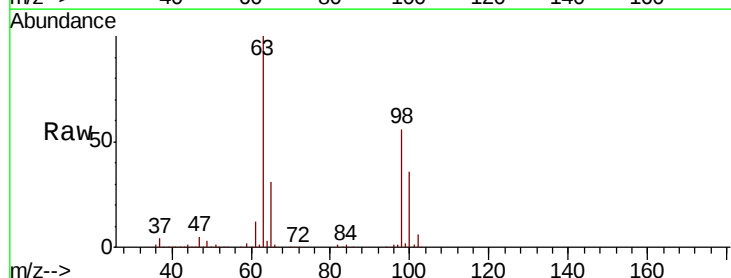
Tgt Ion: 96 Resp: 1075

Ion Ratio Lower Upper

96 100

61 1504.0 122.8 228.1#

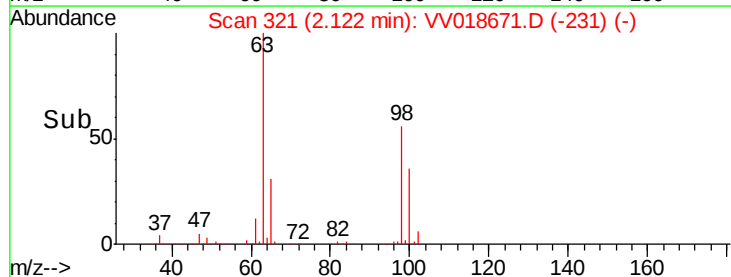
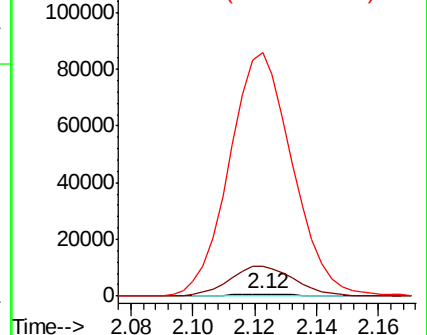
63 12246.5 91.9 170.7#

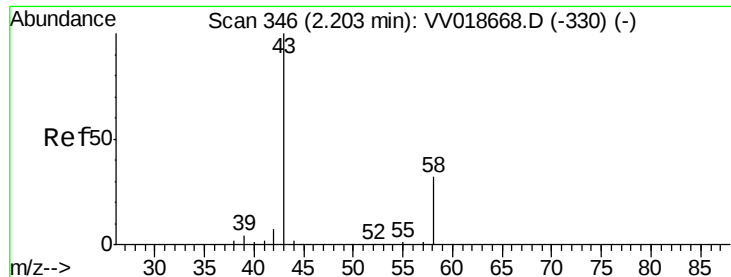


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 14.164 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV018671.D

Acq: 05 Oct 2020 13:34

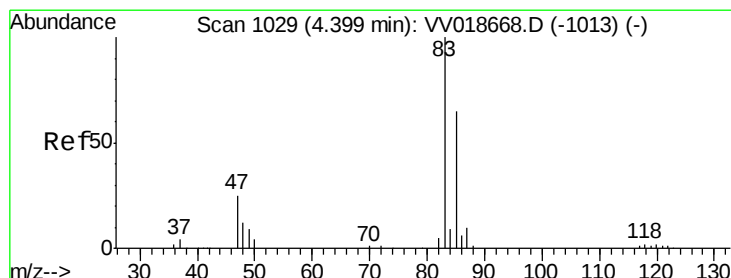
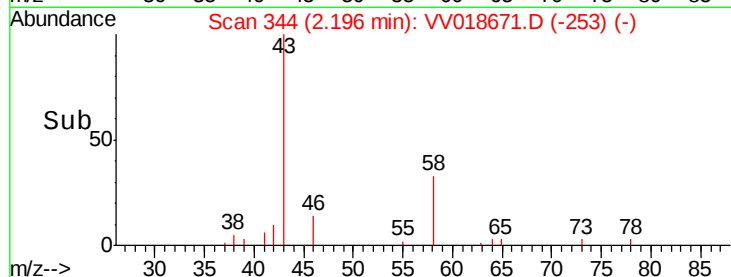
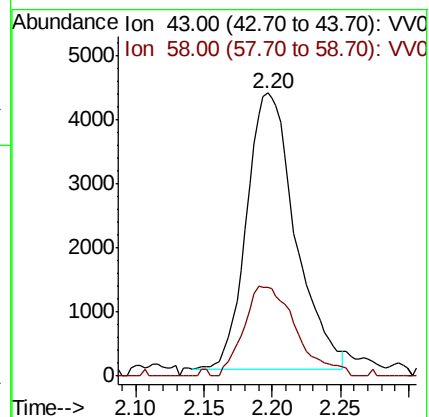
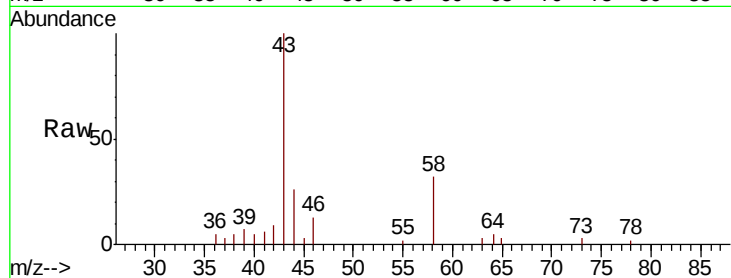
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 10699

Ion Ratio Lower Upper

43 100

58 34.7 0.0 64.0



#25

Chloroform

Concen: 0.954 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV018671.D

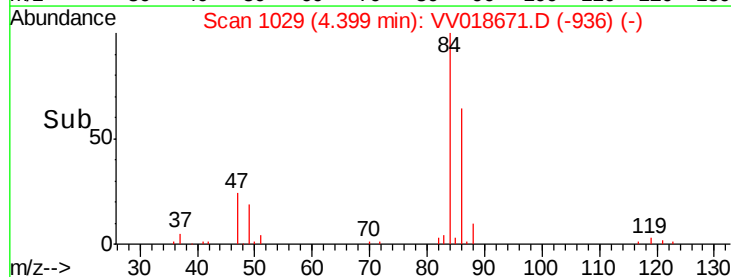
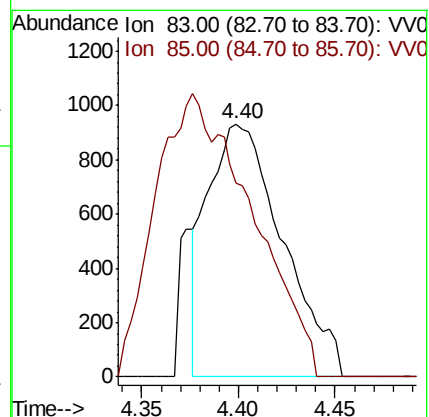
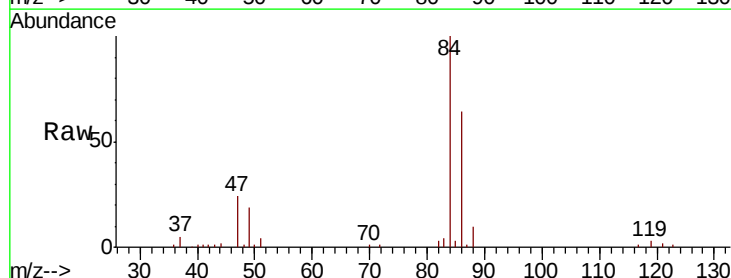
Acq: 05 Oct 2020 13:34

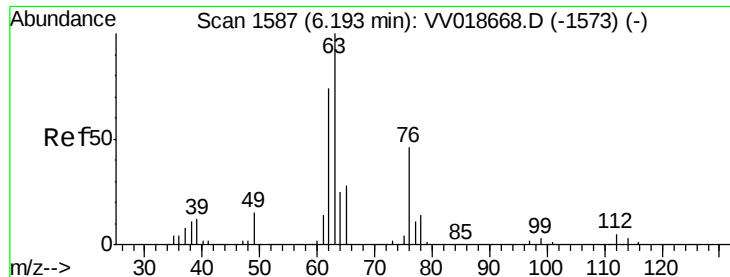
Tgt Ion: 83 Resp: 2517

Ion Ratio Lower Upper

83 100

85 76.4 46.2 85.8





#37

1,2-Dichloropropane

Concen: 7.093 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018671.D

Acq: 05 Oct 2020 13:34

Instrument :

MSVOA_V

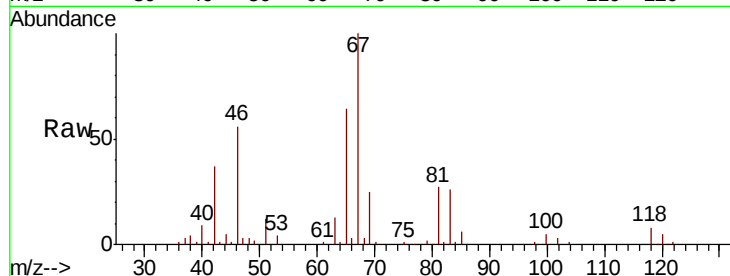
ClientSampled :

Tot Ion: 63 Resp: 10854

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV018668.D (-1573) (-)

Ion 112.00 (111.70 to 112.70): VV018668.D (-1573) (-)

6000

5000

4000

3000

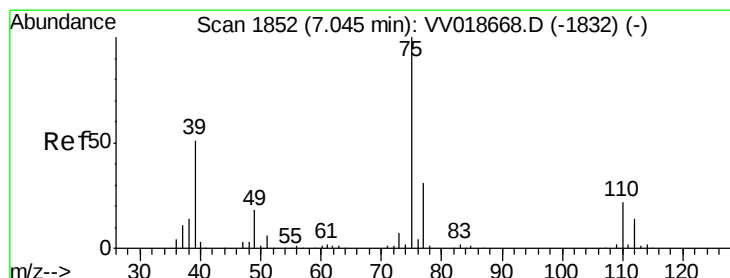
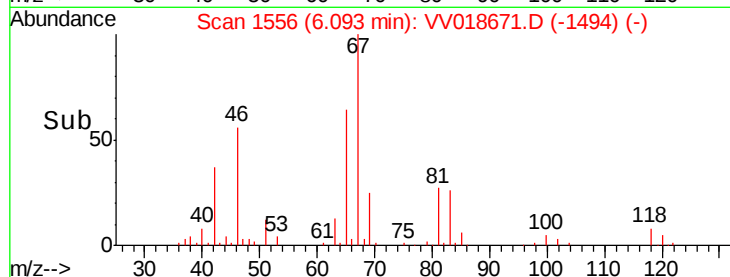
2000

1000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.338 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018671.D

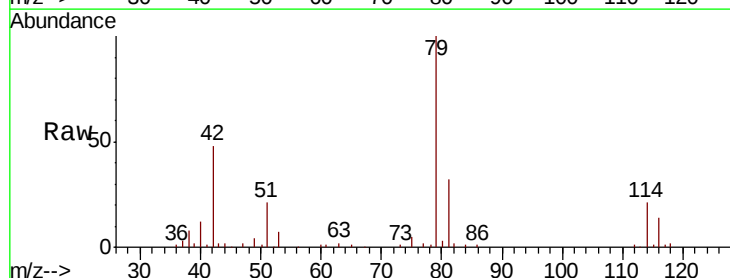
Acq: 05 Oct 2020 13:34

Tgt Ion: 75 Resp: 3213

Ion Ratio Lower Upper

75 100

77 38.5 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VV018668.D (-1832) (-)

Ion 77.00 (76.70 to 77.70): VV018668.D (-1832) (-)

2000

1500

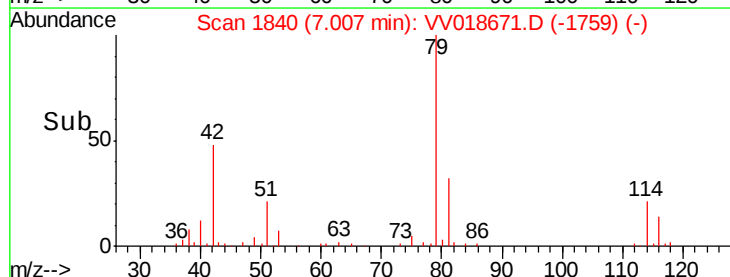
1000

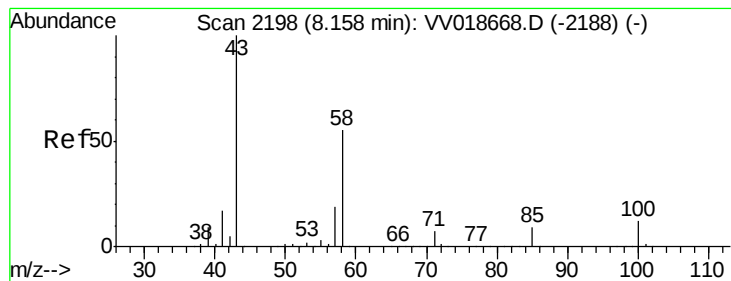
500

0

6.95 7.00 7.05

Time-->





#48

2-Hexanone

Concen: 8.593 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018671.D

Acq: 05 Oct 2020 13:34

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 43 Resp: 13239

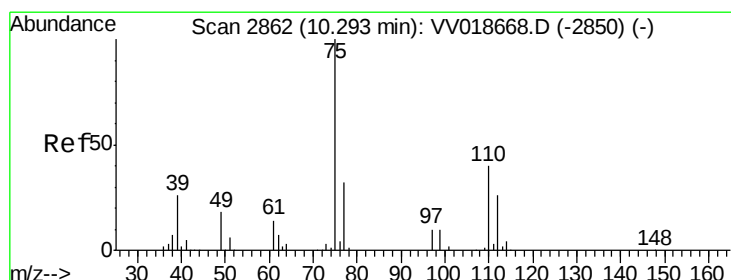
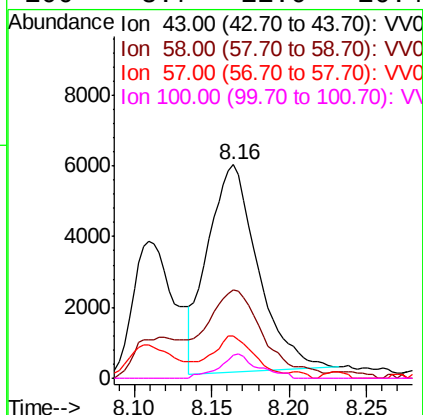
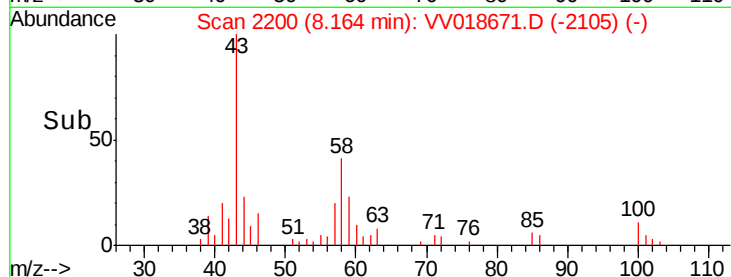
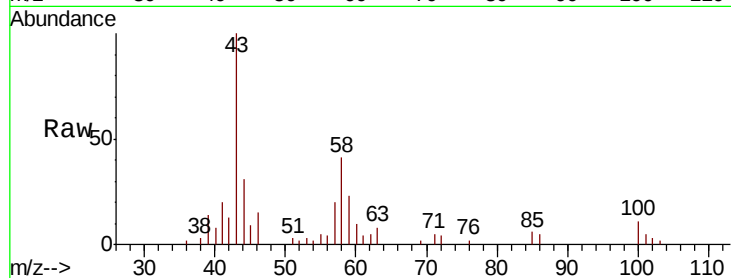
Ion Ratio Lower Upper

43 100

58 40.4 45.1 67.7#

57 17.5 15.7 23.5

100 8.7 11.0 16.4#



#59

1,2,3-Trichloropropane

Concen: 6.162 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV018671.D

Acq: 05 Oct 2020 13:34

Tgt Ion: 75 Resp: 11470

Ion Ratio Lower Upper

75 100

77 40.6 25.4 38.0#

