

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100520\
 Data File : VV018673.D
 Acq On : 05 Oct 2020 14:46
 Operator : SY/MD
 Sample : L4254-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 02:13:03 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	170835	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	170434	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	79006	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80335	80.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	160.36%#
7) Chloroethane-d5	1.58	69	70123	84.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	169.30%#
11) 1,1-Dichloroethene-d2	2.12	63	123505	60.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	121.00%
21) 2-Butanone-d5	3.91	46	93372	124.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.94%
24) Chloroform-d	4.37	84	146659	67.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	135.38%#
26) 1,2-Dichloroethane-d4	5.06	65	102126	74.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	148.50%#
32) Benzene-d6	5.07	84	284669	65.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.88%#
36) 1,2-Dichloropropane-d6	6.09	67	88194	67.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	135.22%#
41) Toluene-d8	7.34	98	262977	64.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.50%#
43) trans-1,3-Dichloropropene-	7.64	79	43174	61.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.54%
47) 2-Hexanone-d5	8.11	63	46566	93.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.99%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	89059	51.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	105292	69.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	138.60%#

Target Compounds

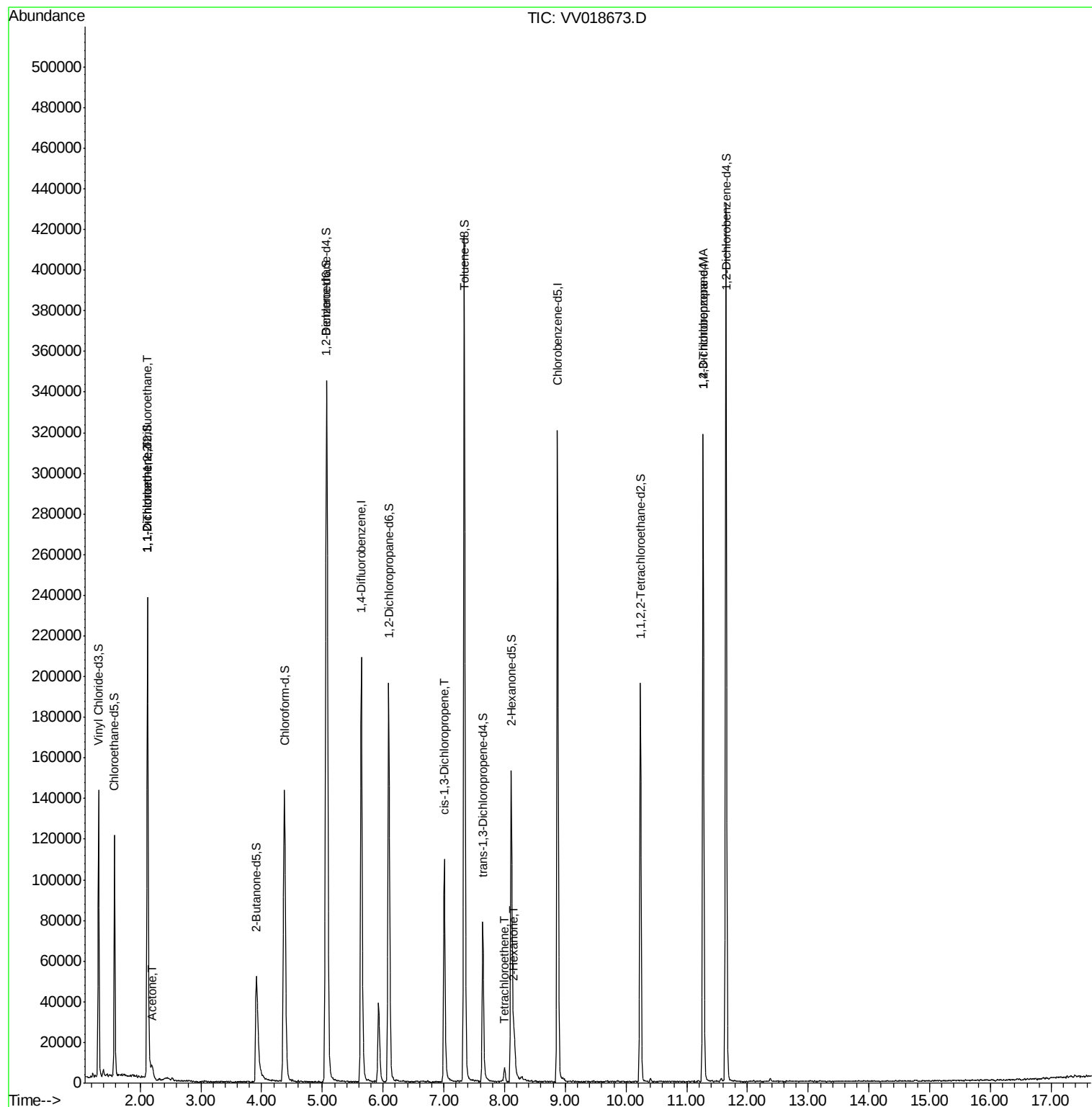
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1335	1.201 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	1006	0.943 ug/L #	1
13) Acetone	2.20	43	8496	13.158 ug/L	99
39) cis-1,3-Dichloropropene	7.00	75	3308	1.641 ug/L	85
46) Tetrachloroethene	8.00	164	1513	1.283 ug/L #	87
48) 2-Hexanone	8.16	43	13682	10.579 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	9582	6.132 ug/L	91

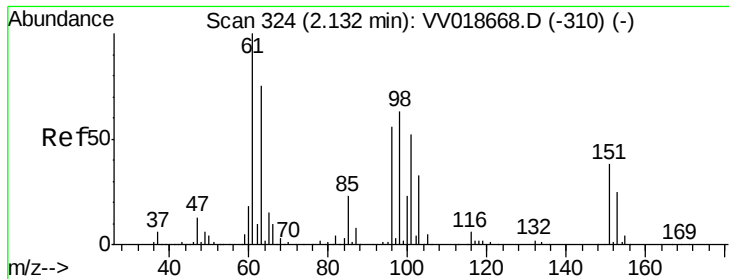
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100520\
Data File : VV018673.D
Acq On : 05 Oct 2020 14:46
Operator : SY/MD
Sample : L4254-17
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 06 02:13:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 06 02:11:36 2020
Response via : Initial Calibration





#10

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

Concen: 1.201 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018673.D

Acq: 05 Oct 2020 14:46

Instrument :

MSVOA_V

ClientSampled :

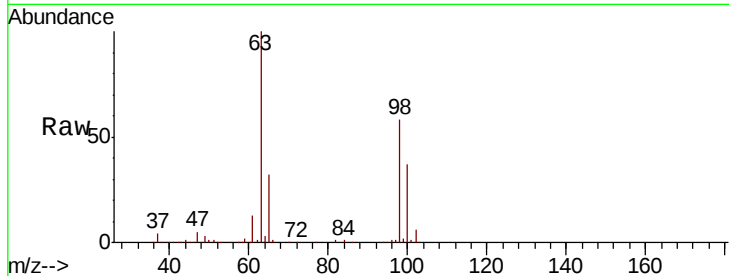
Tot Ion:101 Resp: 1335

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

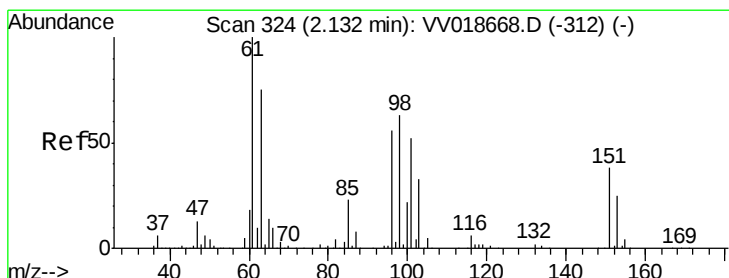
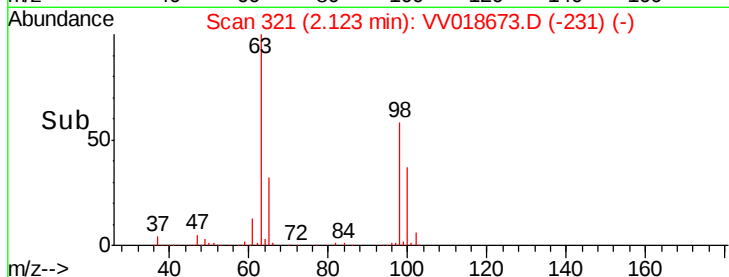
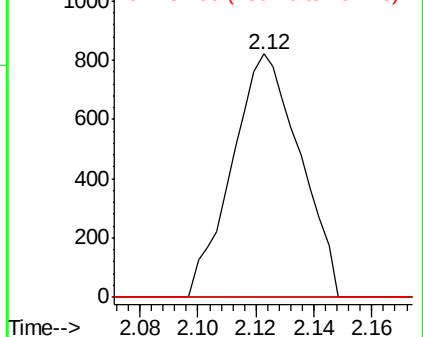
151 0.0 64.3 96.5#



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: 0.943 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018673.D

Acq: 05 Oct 2020 14:46

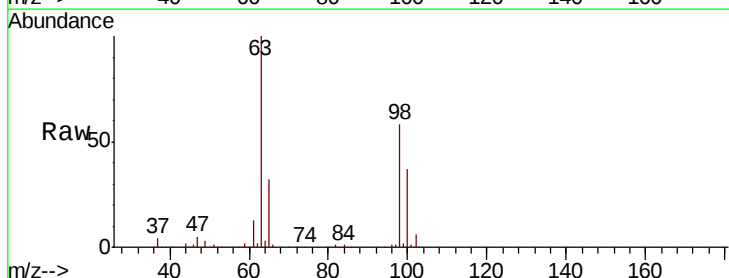
Tgt Ion: 96 Resp: 1006

Ion Ratio Lower Upper

96 100

61 1320.2 122.8 228.1#

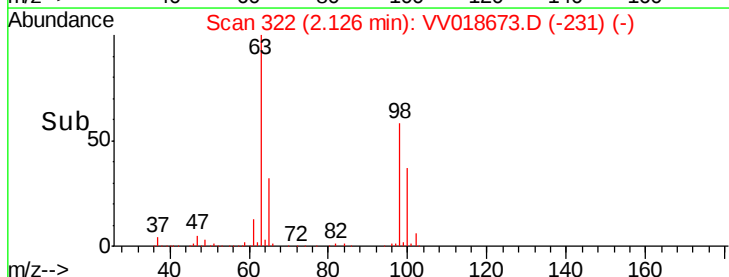
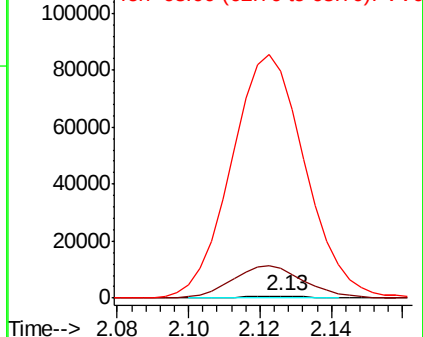
63 9934.6 91.9 170.7#

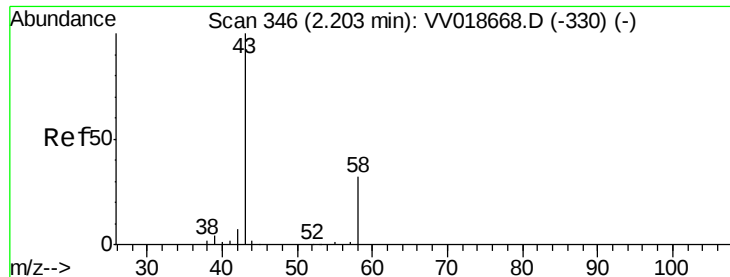


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 13.158 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV018673.D

Acq: 05 Oct 2020 14:46

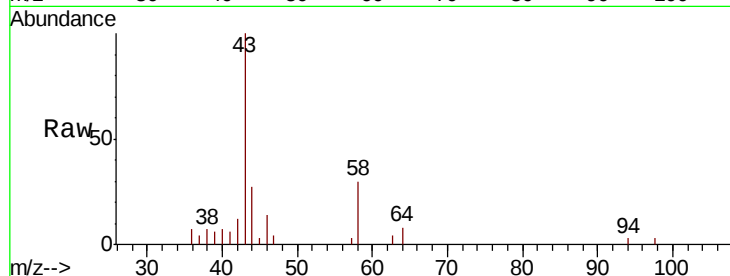
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8496

Ion Ratio Lower Upper

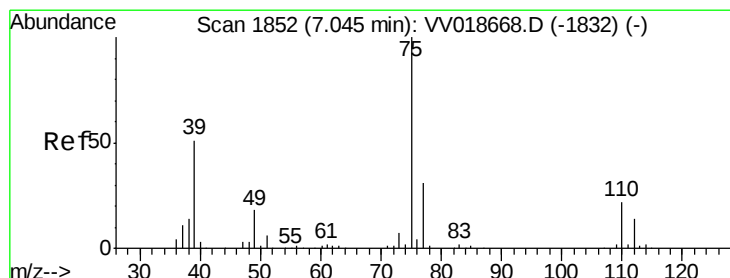
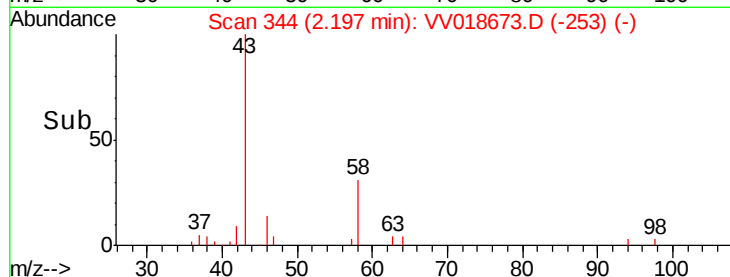
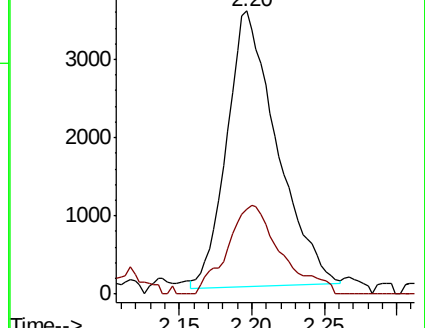
43 100

58 31.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018668.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018668.D (-330) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.641 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.04 min

Lab File: VV018673.D

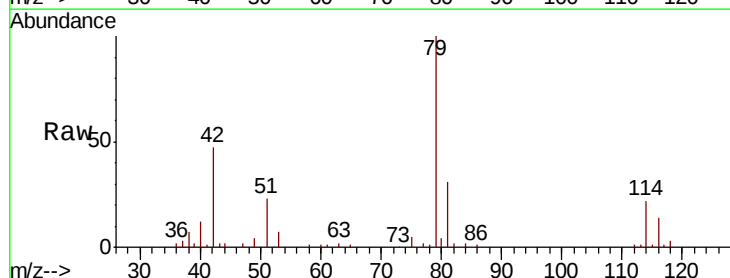
Acq: 05 Oct 2020 14:46

Tgt Ion: 75 Resp: 3308

Ion Ratio Lower Upper

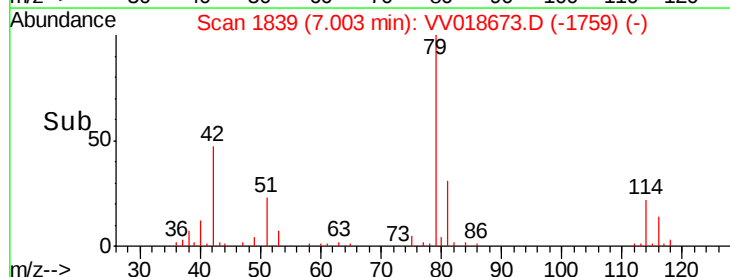
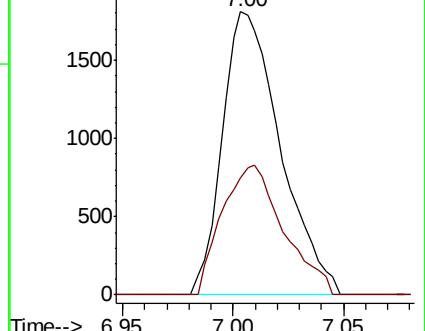
75 100

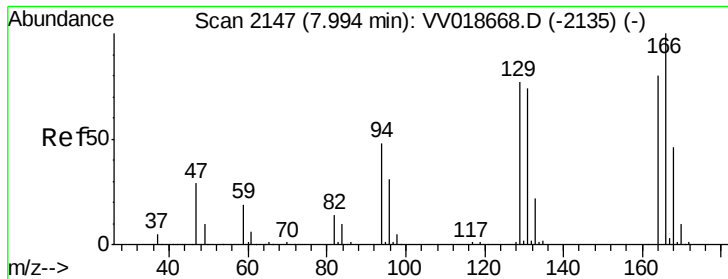
77 41.3 23.0 42.6



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

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

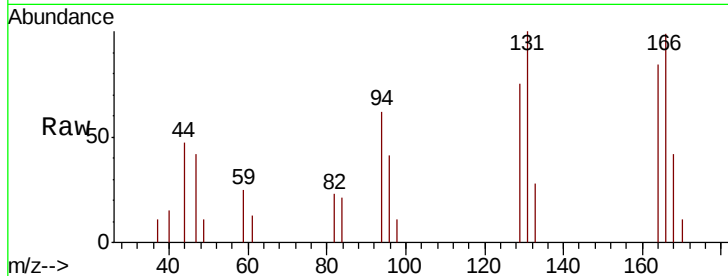




#46
Tetrachloroethene
Concen: 1.283 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018673.D
Acq: 05 Oct 2020 14:46

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	164	Resp:	1513
Ion	Ratio	Lower	Upper
164	100		
129	89.8	62.8	116.6
131	119.6	60.8	112.8#
166	118.0	88.9	165.1



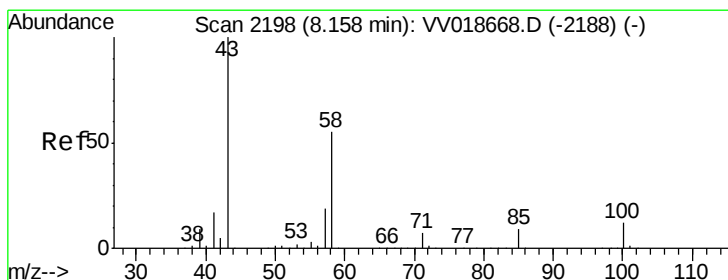
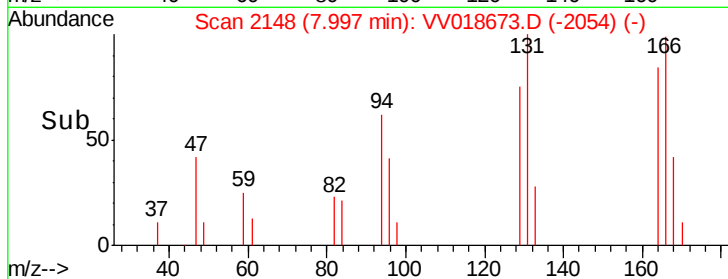
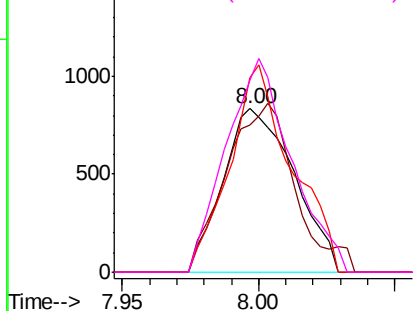
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

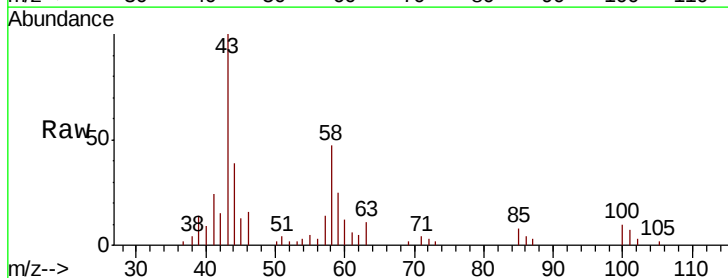
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 10.579 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018673.D
Acq: 05 Oct 2020 14:46

Tgt Ion:	43	Resp:	13682
Ion	Ratio	Lower	Upper
43	100		
58	42.6	45.1	67.7#
57	8.6	15.7	23.5#
100	8.5	11.0	16.4#



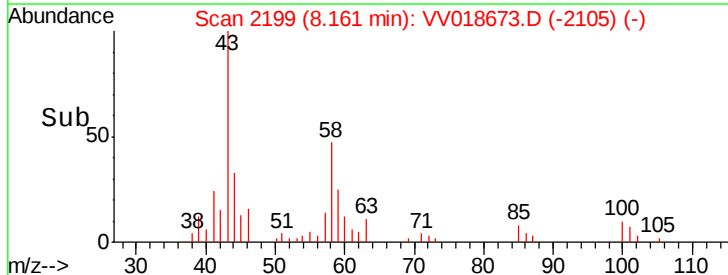
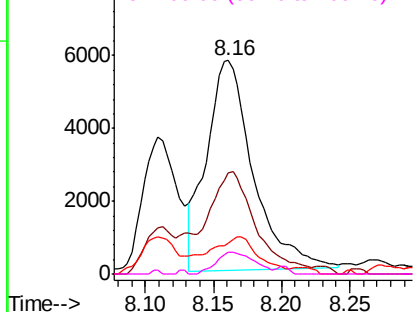
Abundance

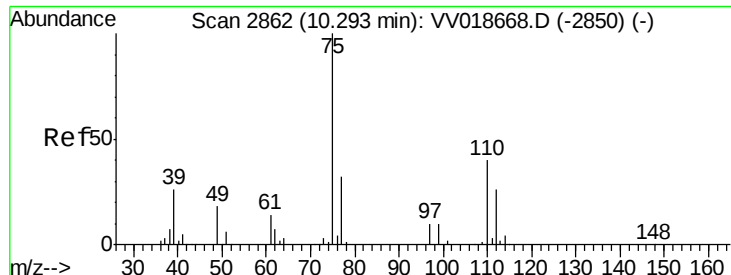
Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 6.132 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV018673.D

Acq: 05 Oct 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 9582

Ion Ratio Lower Upper

75 100

77 36.6 25.4 38.0

