

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017869.D
 Acq On : 08 Aug 2020 21:19
 Operator : SY/MD
 Sample : L3608-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L51

Quant Time: Aug 10 05:11:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	223683	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	215077	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	107599	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34743	30.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.16%
7) Chloroethane-d5	1.58	69	37260	37.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.94%
11) 1,1-Dichloroethene-d2	2.12	63	76100	27.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.84%#
21) 2-Butanone-d5	3.91	46	77689	107.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	4.37	84	141386	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	5.06	65	106962	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
32) Benzene-d6	5.07	84	231901	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
36) 1,2-Dichloropropane-d6	6.09	67	62740	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.64%
41) Toluene-d8	7.34	98	225745	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloropropene-	7.64	79	31339	38.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.30%
47) 2-Hexanone-d5	8.11	63	55547	121.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97667	49.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	109851	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

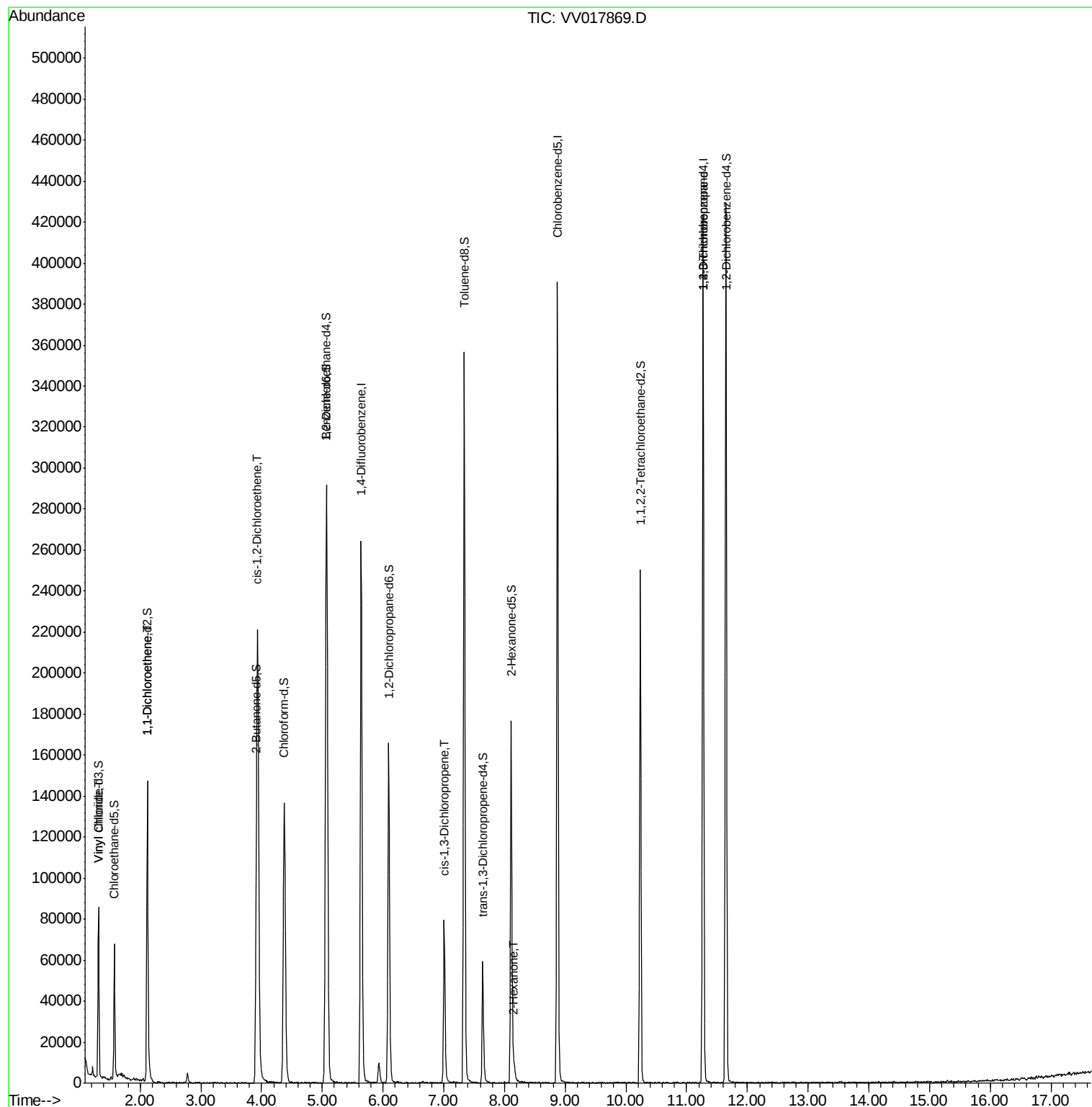
					Ovalue
5) Vinyl chloride	1.32	62	16271	12.450	ug/L 98
12) 1,1-Dichloroethene	2.12	96	1308	0.993	ug/L # 1
20) cis-1,2-Dichloroethene	3.94	96	113744	78.300	ug/L 97
39) cis-1,3-Dichloropropene	7.01	75	2551	1.333	ug/L # 69
48) 2-Hexanone	8.16	43	3116	2.565	ug/L # 48
59) 1,2,3-Trichloropropane	11.27	75	9414	5.496	ug/L # 70

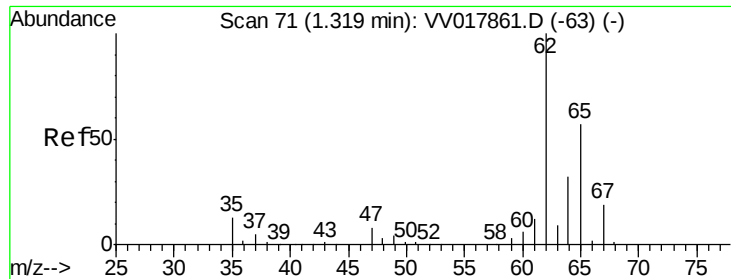
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 10 05:09:16 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 12.450 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017869.D

Acq: 08 Aug 2020 21:19

Instrument :

MSVOA_V

ClientSampled :

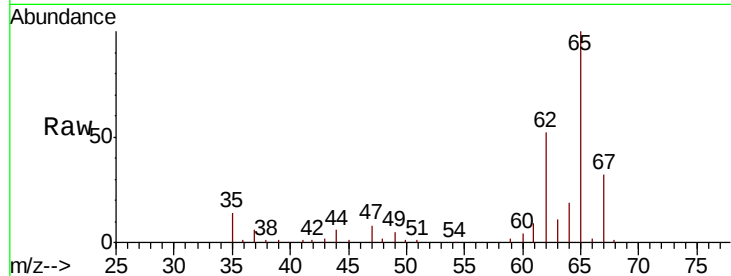
F2L51

Tot Ion: 62 Resp: 16271

Ion Ratio Lower Upper

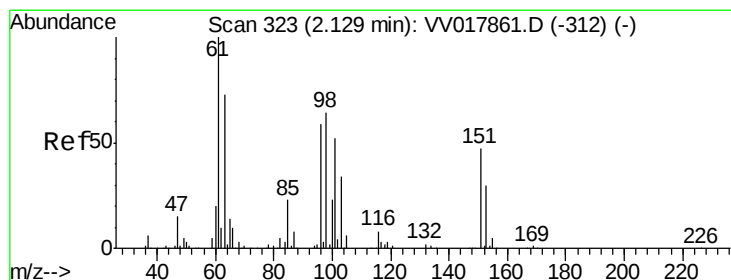
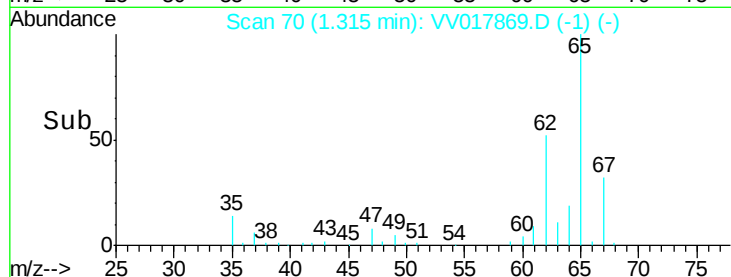
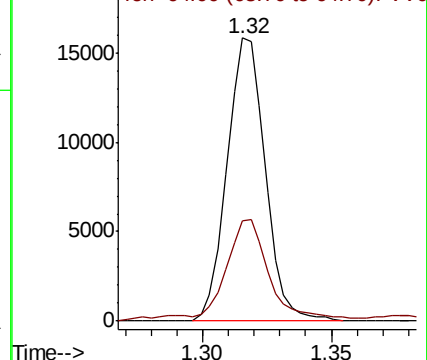
62 100

64 35.4 24.0 44.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 0.993 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017869.D

Acq: 08 Aug 2020 21:19

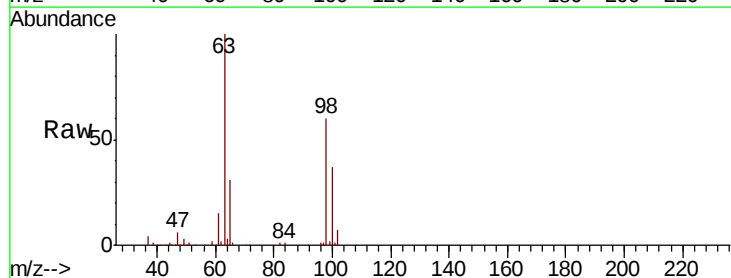
Tgt Ion: 96 Resp: 1308

Ion Ratio Lower Upper

96 100

61 1002.7 121.1 224.9#

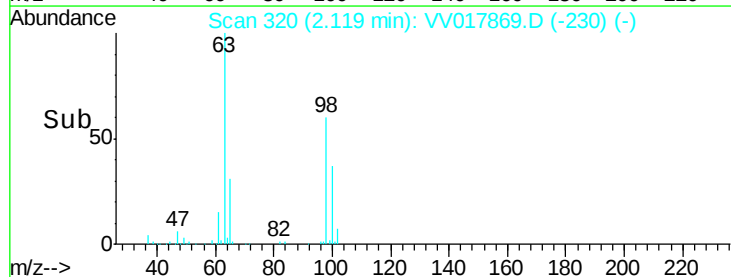
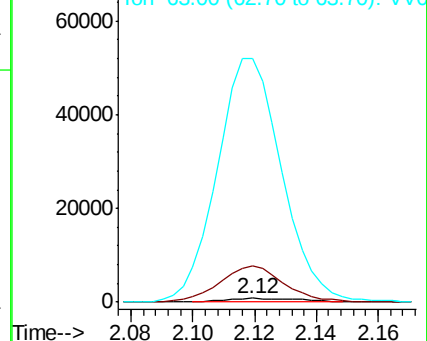
63 6675.2 98.1 182.1#

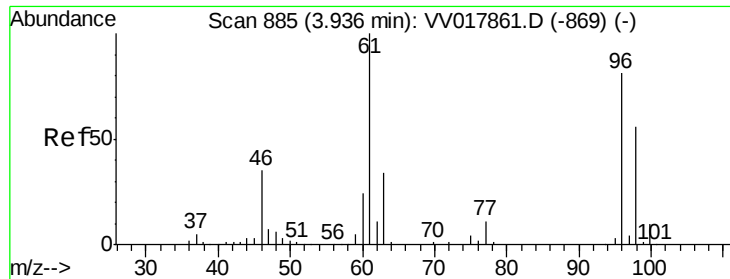


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

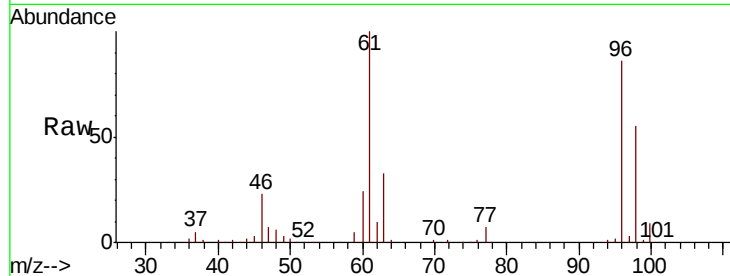




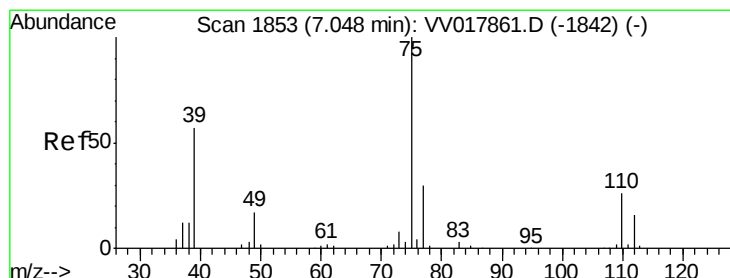
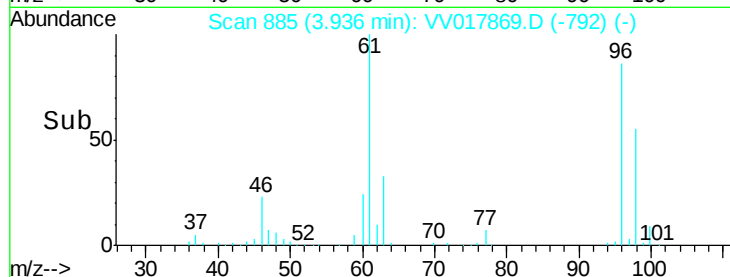
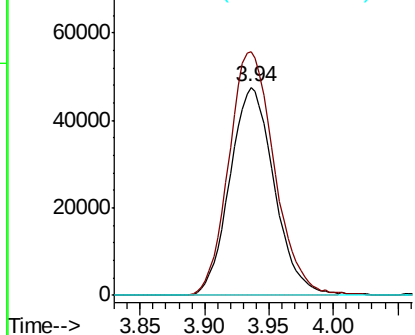
#20
 cis-1,2-Dichloroethene
 Concen: 78.300 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV017869.D
 Acq: 08 Aug 2020 21:19

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L51

Tot Ion: 96 Resp: 113744
 Ion Ratio Lower Upper
 96 100
 61 116.8 84.4 156.8
 68 0.0 0.0 0.0

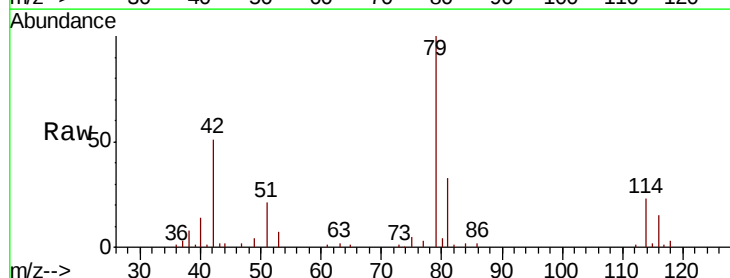


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

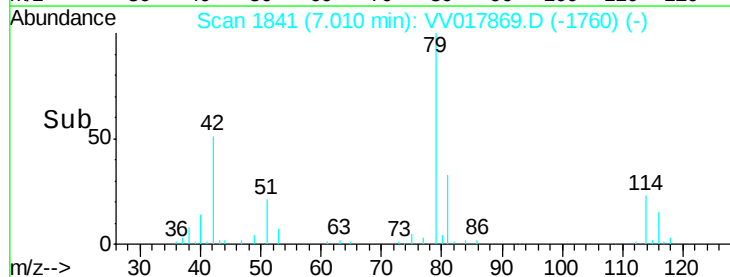
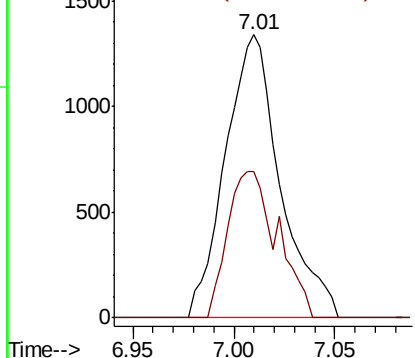


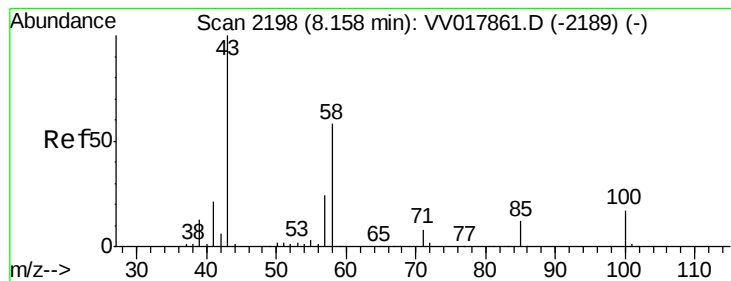
#39
 cis-1,3-Dichloropropene
 Concen: 1.333 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017869.D
 Acq: 08 Aug 2020 21:19

Tgt Ion: 75 Resp: 2551
 Ion Ratio Lower Upper
 75 100
 77 51.7 23.7 44.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 2.565 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV017869.D

Acq: 08 Aug 2020 21:19

Instrument :

MSVOA_V

ClientSampleId :

F2L51

Tot Ion: 43 Resp: 3116

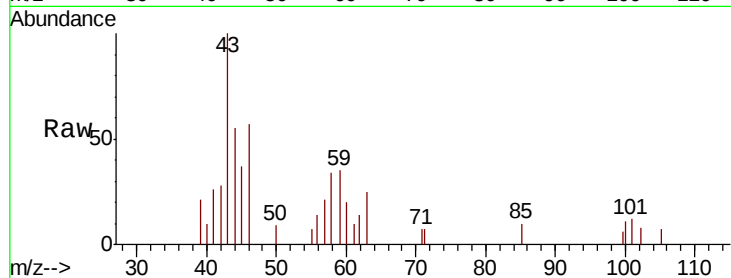
Ion Ratio Lower Upper

43 100

58 2.6 43.8 65.8#

57 11.7 18.0 27.0#

100 6.0 13.8 20.8#

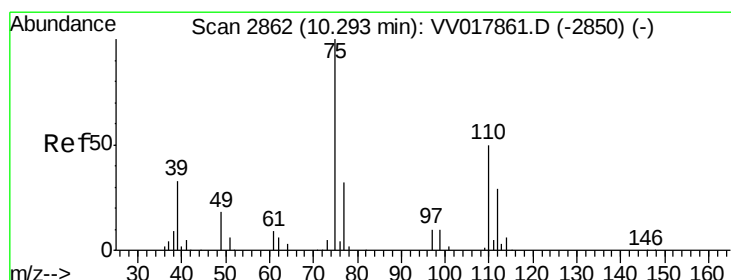
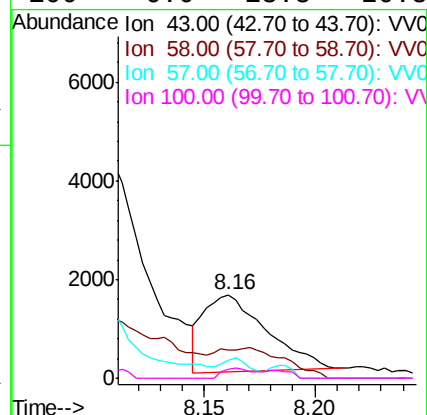
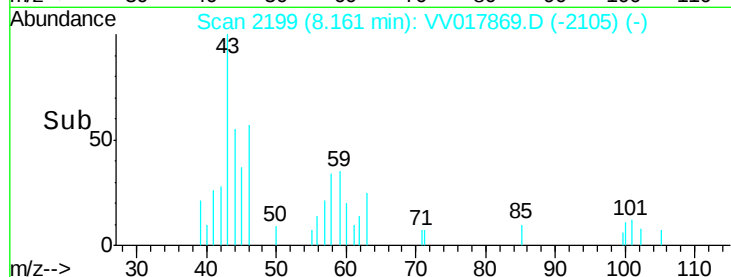


Abundance Ion 43.00 (42.70 to 43.70): VV017861.D (-2189) (-)

Ion 58.00 (57.70 to 58.70): VV017861.D (-2189) (-)

Ion 57.00 (56.70 to 57.70): VV017861.D (-2189) (-)

Ion 100.00 (99.70 to 100.70): VV017861.D (-2189) (-)



#59

1,2,3-Trichloropropane

Concen: 5.496 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017869.D

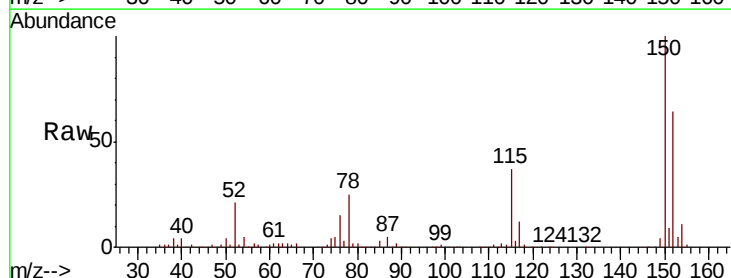
Acq: 08 Aug 2020 21:19

Tgt Ion: 75 Resp: 9414

Ion Ratio Lower Upper

75 100

77 50.0 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VV017861.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV017861.D (-2850) (-)

