

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016597.D
 Acq On : 06 Jun 2020 18:03
 Operator : SY/MD
 Sample : L2895-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0L6

Quant Time: Jun 06 23:51:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362421	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162661	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	89065	34.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.40%
7) Chloroethane-d5	1.56	69	68507	36.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.94%
11) 1,1-Dichloroethene-d2	2.12	63	130271	28.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.26%#
21) 2-Butanone-d5	3.89	46	180387	109.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.90%
24) Chloroform-d	4.37	84	217696	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
26) 1,2-Dichloroethane-d4	5.05	65	154295	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
32) Benzene-d6	5.07	84	429919	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
36) 1,2-Dichloropropane-d6	6.09	67	137359	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.56%
41) Toluene-d8	7.34	98	386499	46.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.22%
43) trans-1,3-Dichloropropene-	7.64	79	63553	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.68%
47) 2-Hexanone-d5	8.11	63	134908	110.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	188729	48.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	162541	53.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.34%

Target Compounds

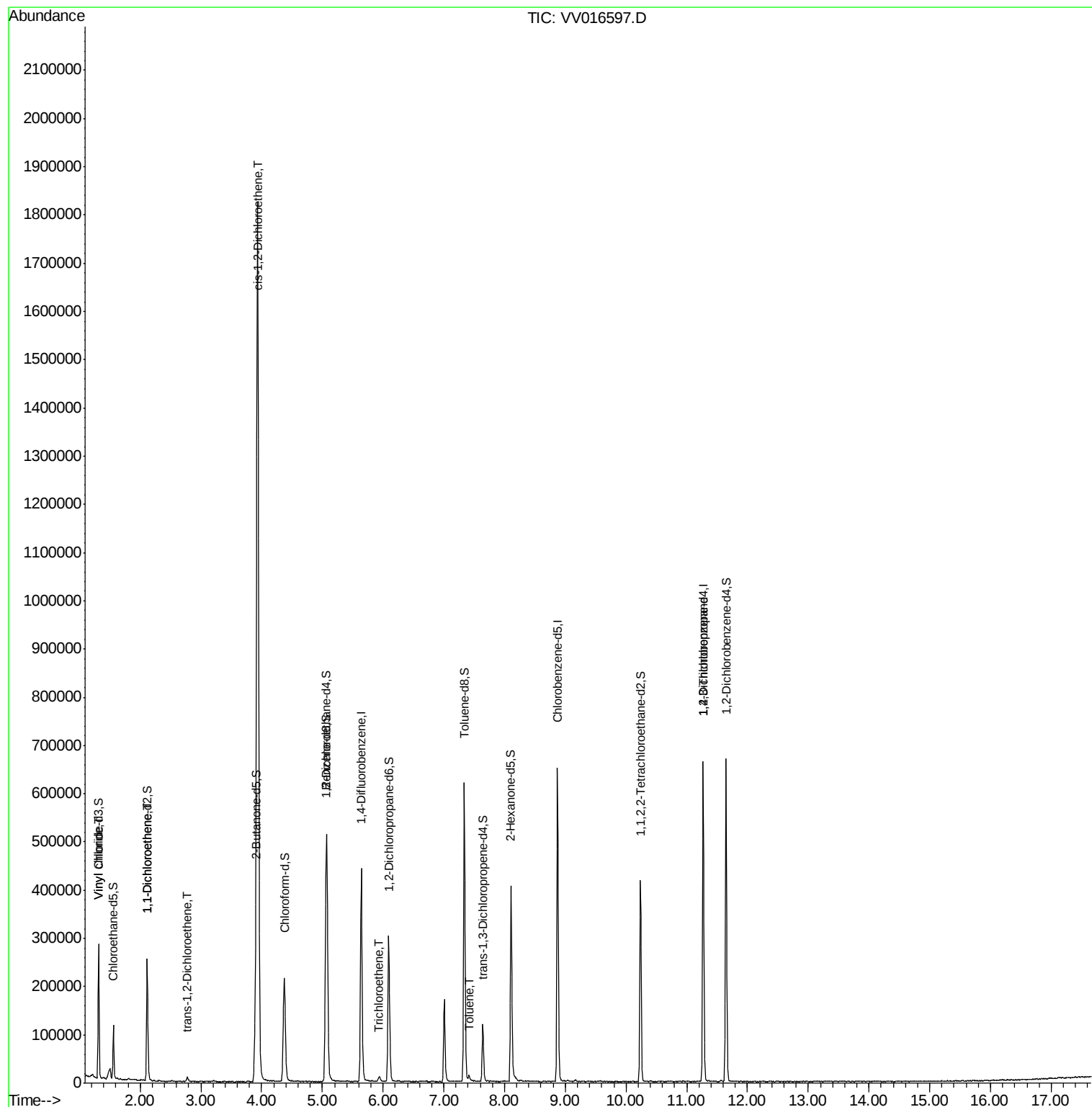
					Ovalue
5) Vinyl chloride	1.32	62	85475	30.705	ug/L 97
12) 1,1-Dichloroethene	2.13	96	3480	1.730	ug/L # 1
17) trans-1,2-Dichloroethene	2.78	96	3307	1.303	ug/L 87
20) cis-1,2-Dichloroethene	3.93	96	992293	362.171	ug/L 99
34) Trichloroethene	5.95	95	1847	0.702	ug/L # 78
42) Toluene	7.41	91	7142	0.672	ug/L 96
59) 1,2,3-Trichloropropane	11.27	75	19309	5.922	ug/L 91

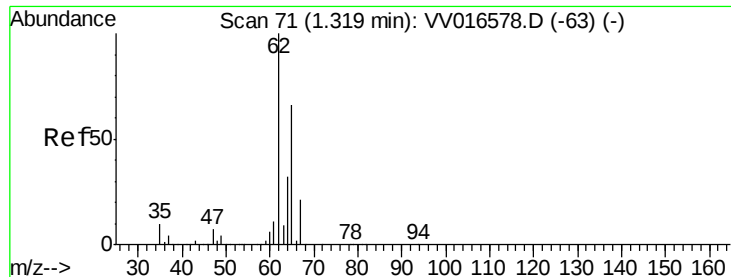
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 23:47:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 30.705 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016597.D

Acq: 06 Jun 2020 18:03

Instrument :

MSVOA_V

ClientSampleId :

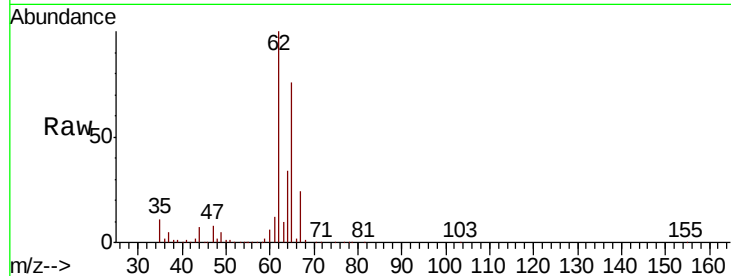
EW0L6

Tot Ion: 62 Resp: 85475

Ion Ratio Lower Upper

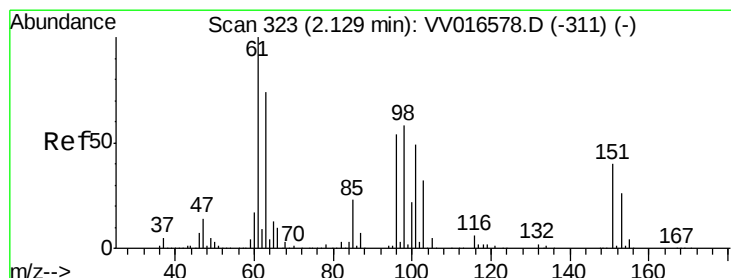
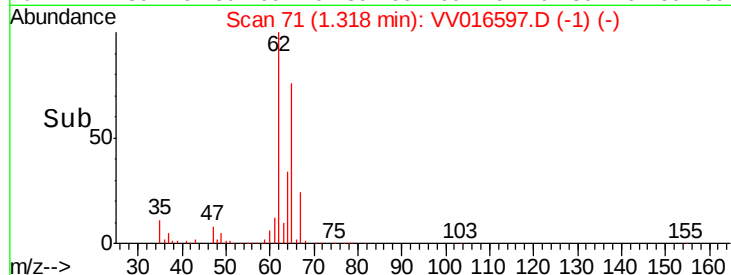
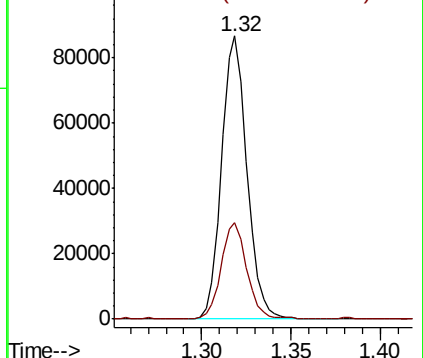
62 100

64 34.1 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 1.730 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016597.D

Acq: 06 Jun 2020 18:03

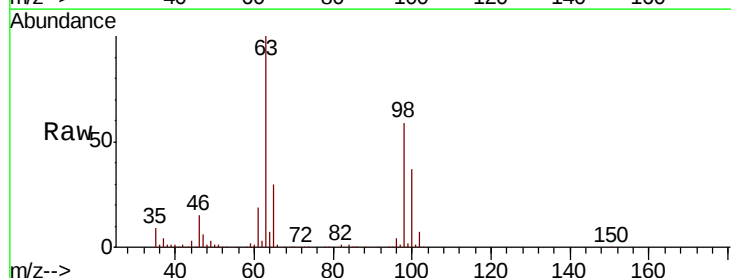
Tgt Ion: 96 Resp: 3480

Ion Ratio Lower Upper

96 100

61 498.1 125.5 233.1#

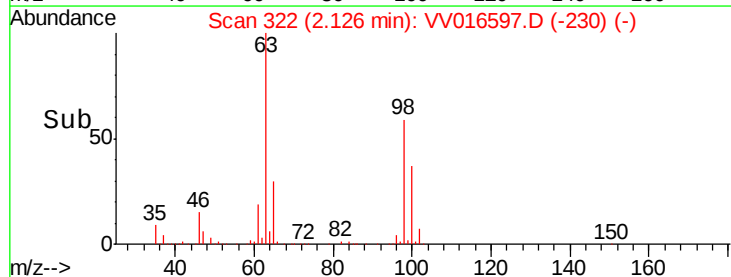
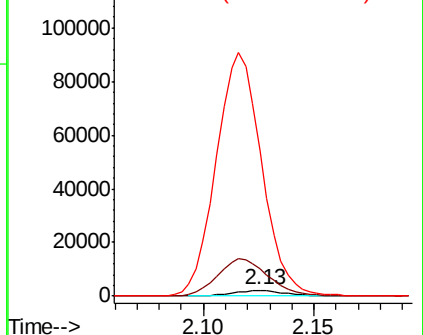
63 2642.8 104.0 193.1#

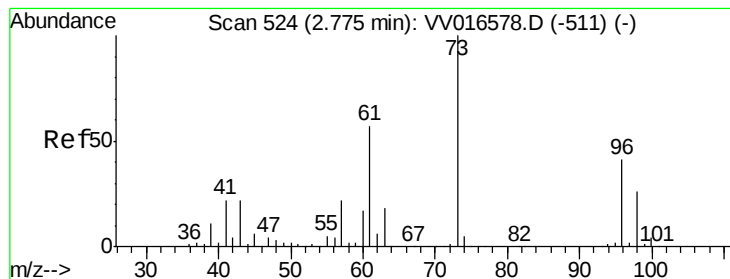


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 1.303 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV016597.D

Acq: 06 Jun 2020 18:03

Instrument :

MSVOA_V

ClientSampled :

EW0L6

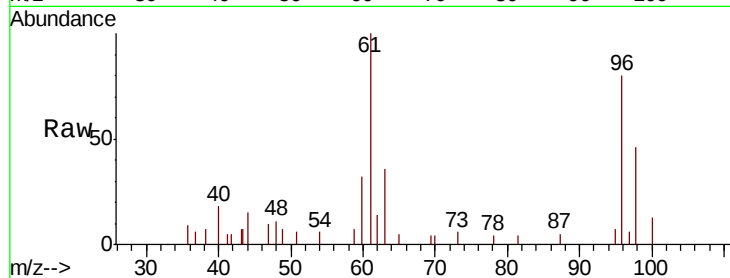
Tot Ion: 96 Resp: 3307

Ion Ratio Lower Upper

96 100

61 125.7 101.0 187.6

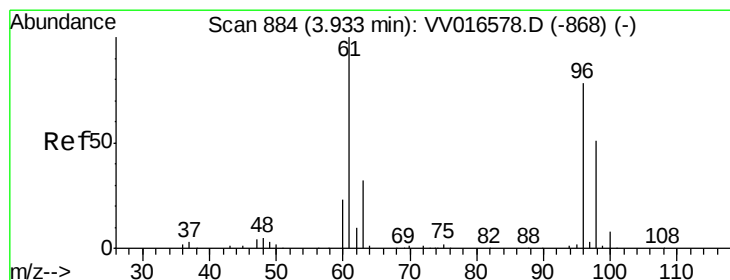
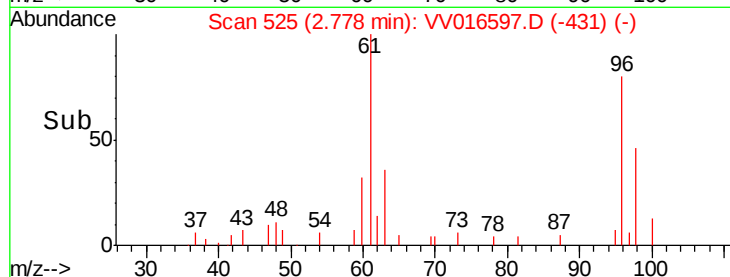
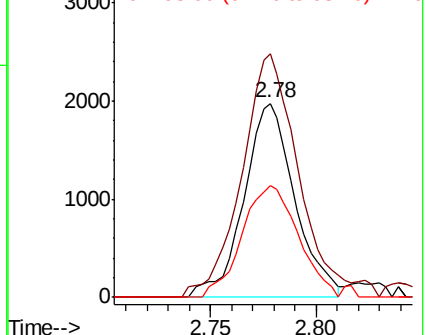
98 58.0 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV016597.D (-431) (-)

Ion 61.00 (60.70 to 61.70): VV016597.D (-431) (-)

Ion 98.00 (97.70 to 98.70): VV016597.D (-431) (-)



#20

cis-1,2-Dichloroethene

Concen: 362.171 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV016597.D

Acq: 06 Jun 2020 18:03

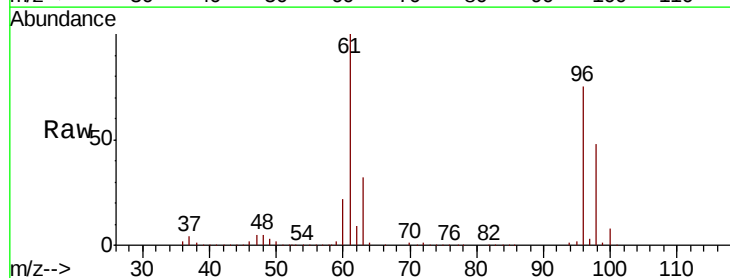
Tgt Ion: 96 Resp: 992293

Ion Ratio Lower Upper

96 100

61 132.7 93.4 173.4

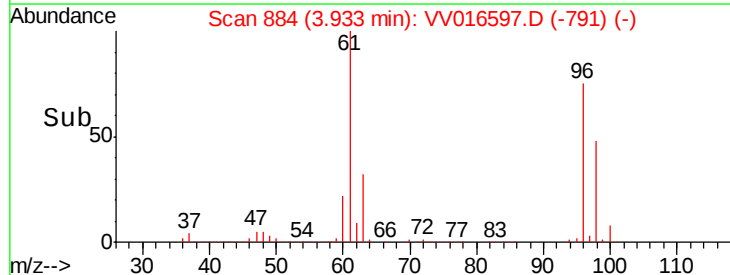
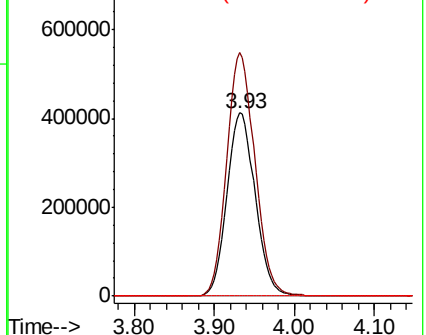
68 0.0 0.0 0.0

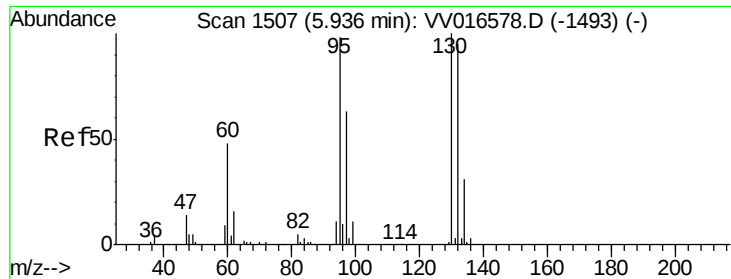


Abundance Ion 96.00 (95.70 to 96.70): VV016597.D (-791) (-)

Ion 61.00 (60.70 to 61.70): VV016597.D (-791) (-)

Ion 68.00 (67.70 to 68.70): VV016597.D (-791) (-)





#34

Trichloroethene

Concen: 0.702 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV016597.D

Acq: 06 Jun 2020 18:03

Instrument :

MSVOA_V

ClientSampleId :

EW0L6

Tot Ion: 95 Resp: 1847

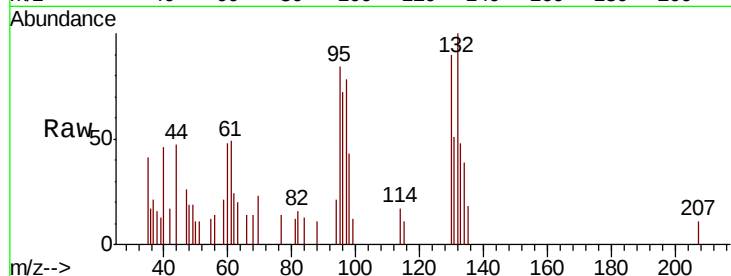
Ion Ratio Lower Upper

95 100

97 92.0 42.8 79.6#

132 118.4 65.6 121.8

130 106.2 69.0 128.1

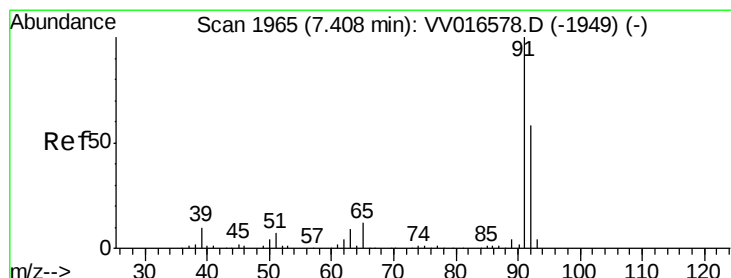
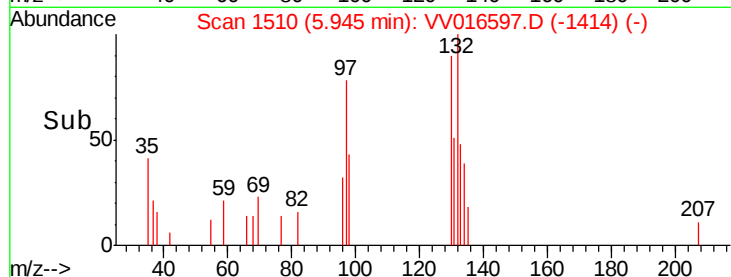
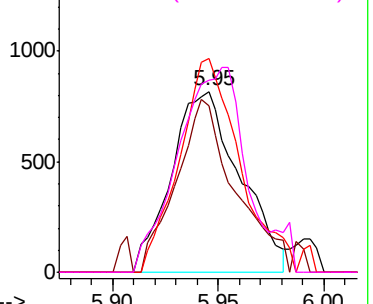


Abundance Ion 95.00 (94.70 to 95.70): VV016597.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV016597.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV016597.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV016597.D (-1493) (-)



#42

Toluene

Concen: 0.672 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016597.D

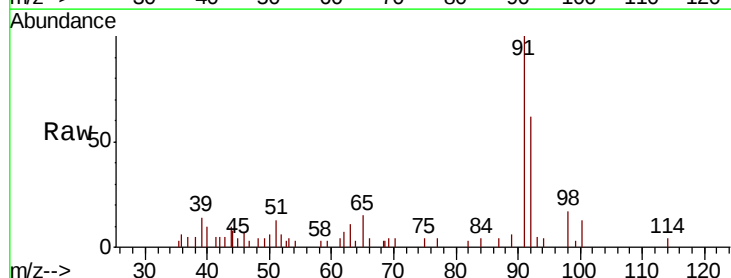
Acq: 06 Jun 2020 18:03

Tgt Ion: 91 Resp: 7142

Ion Ratio Lower Upper

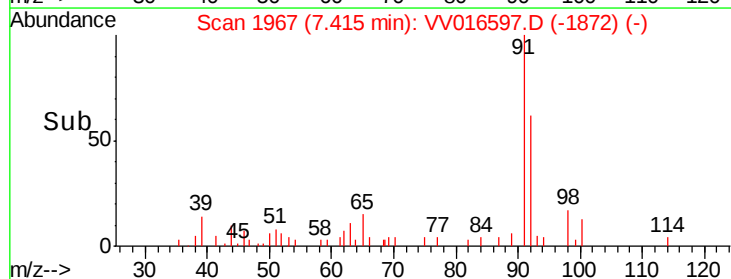
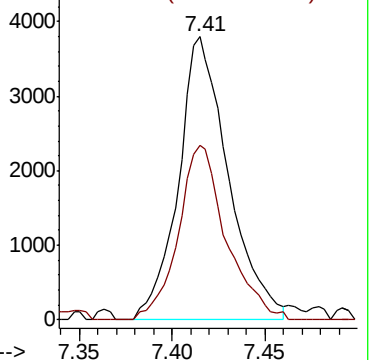
91 100

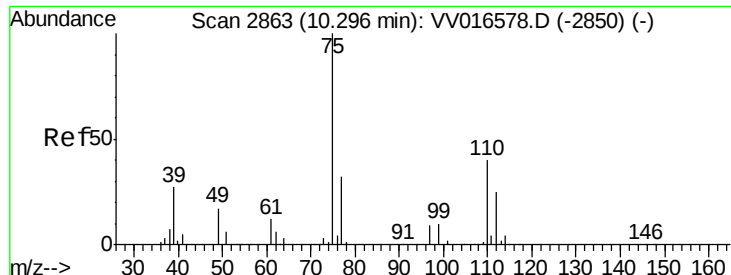
92 61.7 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016597.D (-1872) (-)

Ion 92.00 (91.70 to 92.70): VV016597.D (-1872) (-)





#59

1,2,3-Trichloropropane

Concen: 5.922 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016597.D

Acq: 06 Jun 2020 18:03

Instrument :

MSVOA_V

ClientSampleId :

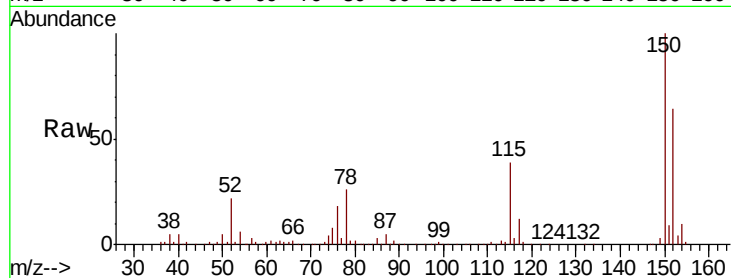
EW0L6

Tot Ion: 75 Resp: 19309

Ion Ratio Lower Upper

75 100

77 38.6 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

