

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016596.D
 Acq On : 06 Jun 2020 17:39
 Operator : SY/MD
 Sample : L2895-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0L5

Quant Time: Jun 06 23:51:02 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	368491	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	343813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169470	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90332	34.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.22%
7) Chloroethane-d5	1.56	69	69574	36.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.86%
11) 1,1-Dichloroethene-d2	2.12	63	131769	28.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.96%#
21) 2-Butanone-d5	3.89	46	181864	108.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.98%
24) Chloroform-d	4.62	84	140	0.03	ug/L	0.25
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.06%#
26) 1,2-Dichloroethane-d4	5.05	65	155805	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
32) Benzene-d6	5.07	84	433481	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
36) 1,2-Dichloropropane-d6	6.09	67	139080	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.94%
41) Toluene-d8	7.34	98	384765	46.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.64	79	63440	45.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.72%
47) 2-Hexanone-d5	8.11	63	132824	108.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189905	48.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	162785	51.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.22%

Target Compounds

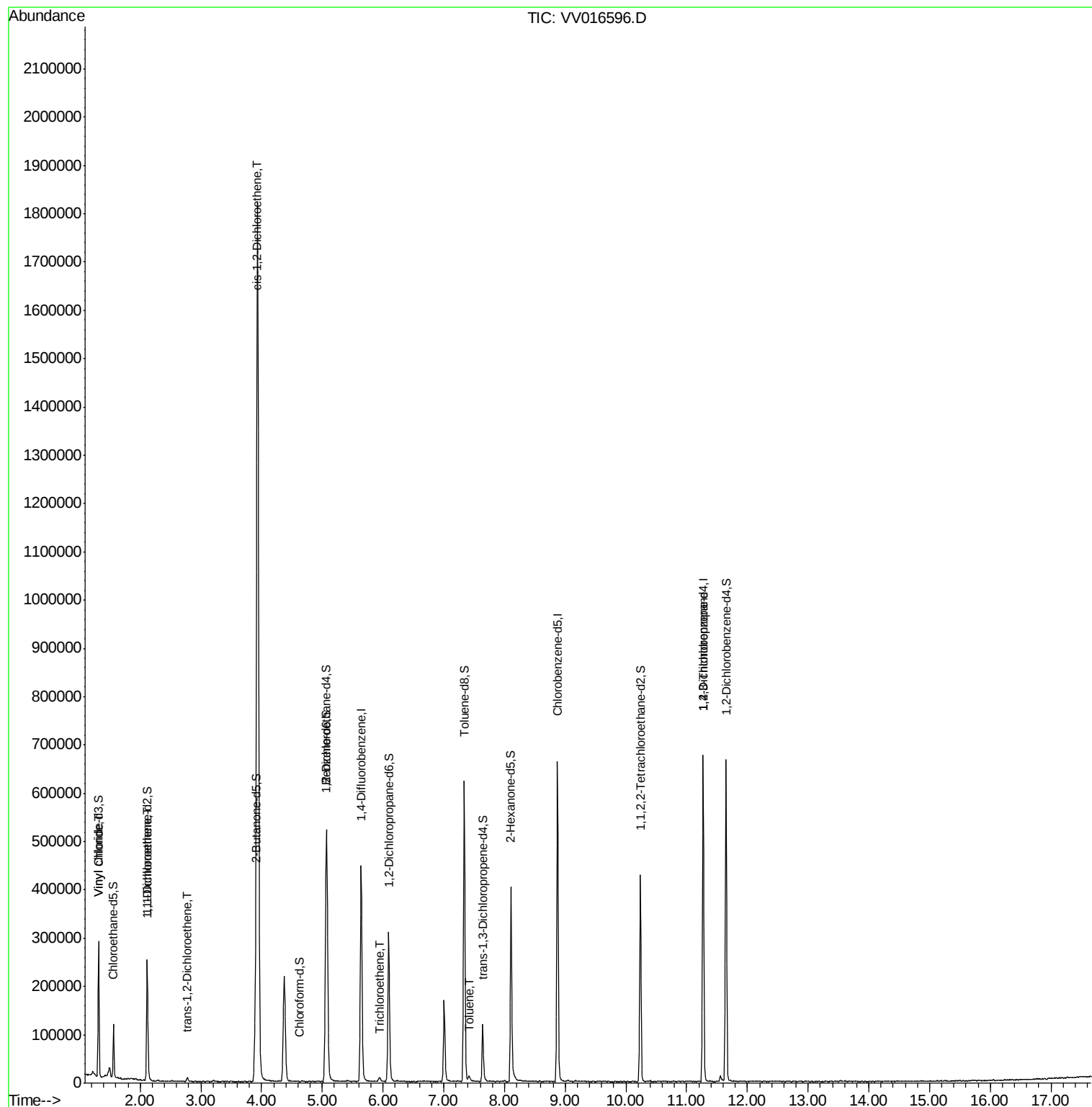
					Ovalue
5) Vinyl chloride	1.32	62	85643	30.259 ug/L	98
12) 1,1-Dichloroethene	2.13	96	3622	1.770 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	3462	1.341 ug/L	89
20) cis-1,2-Dichloroethene	3.93	96	989213	355.099 ug/L	100
34) Trichloroethene	5.95	95	2139	0.806 ug/L	89
42) Toluene	7.41	91	7585	0.708 ug/L	90
59) 1,2,3-Trichloropropane	11.27	75	20083	6.106 ug/L	92

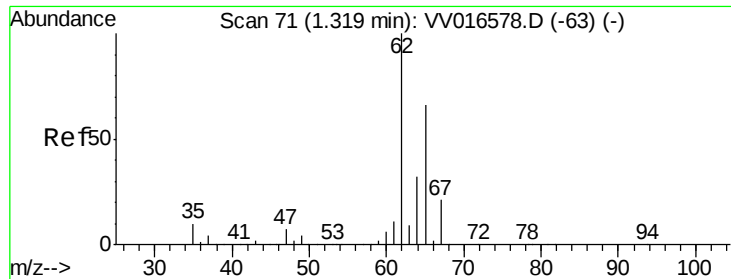
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 30.259 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016596.D

Acq: 06 Jun 2020 17:39

Instrument :

MSVOA_V

ClientSampleId :

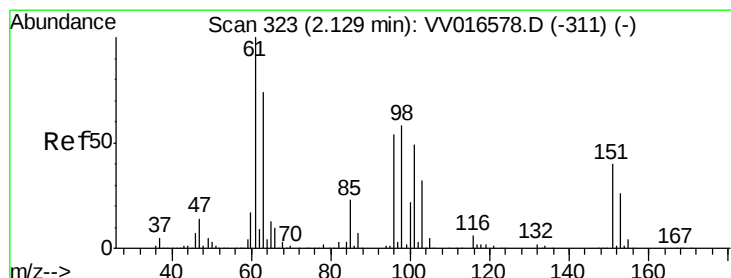
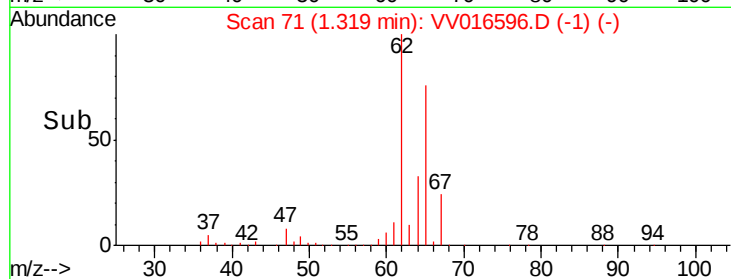
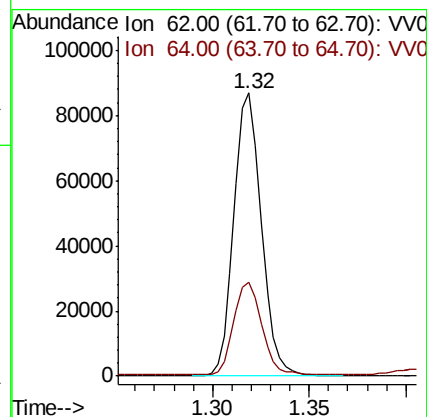
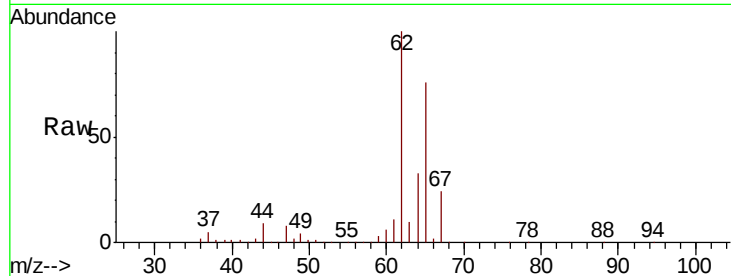
EW0L5

Tot Ion: 62 Resp: 85643

Ion Ratio Lower Upper

62 100

64 33.3 22.7 42.1



#12

1,1-Dichloroethene

Concen: 1.770 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV016596.D

Acq: 06 Jun 2020 17:39

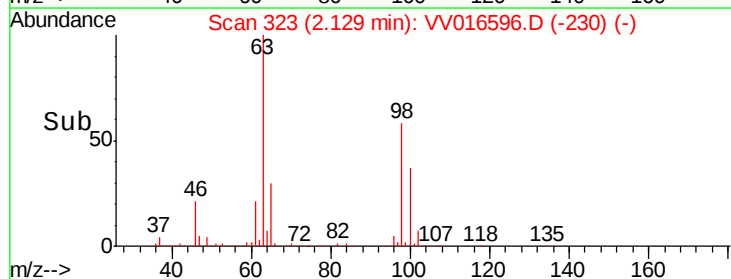
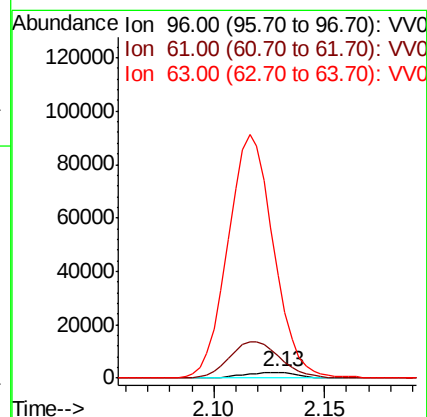
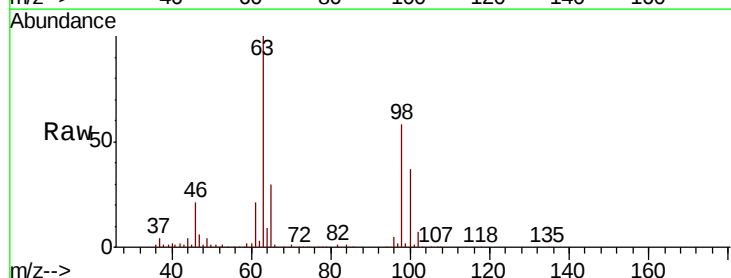
Tgt Ion: 96 Resp: 3622

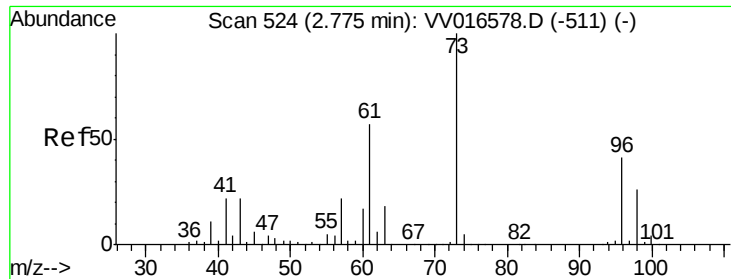
Ion Ratio Lower Upper

96 100

61 397.5 125.5 233.1#

63 1869.9 104.0 193.1#

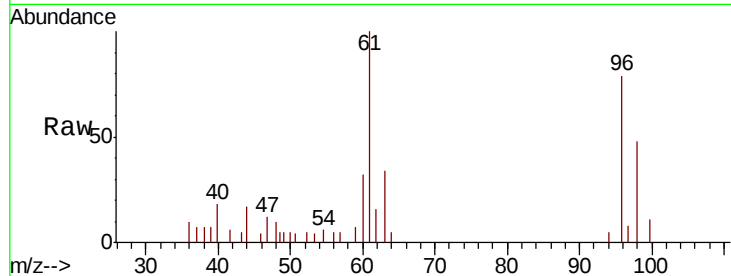




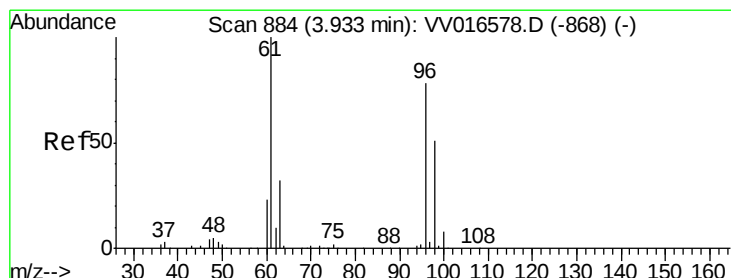
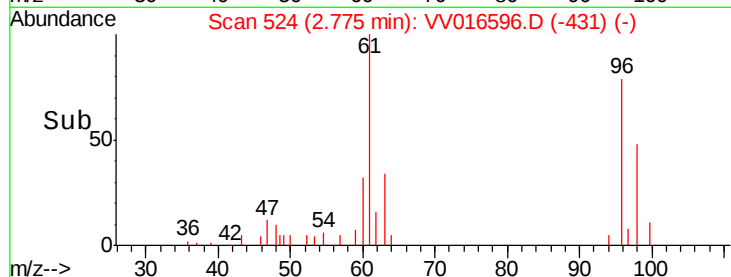
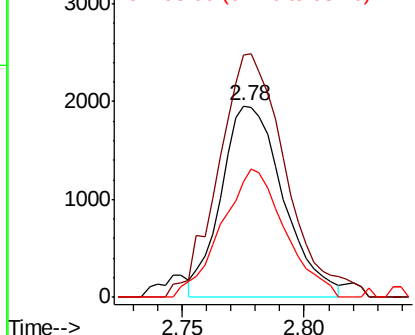
#17
trans-1,2-Dichloroethene
Concen: 1.341 ug/L
RT: 2.78 min Scan# 524
Delta R.T. 0.00 min
Lab File: VV016596.D
Acq: 06 Jun 2020 17:39

Instrument :
MSVOA_V
ClientSampled :
EW0L5

Tot Ion: 96 Resp: 3462
Ion Ratio Lower Upper
96 100
61 126.5 101.0 187.6
98 60.1 44.7 83.1

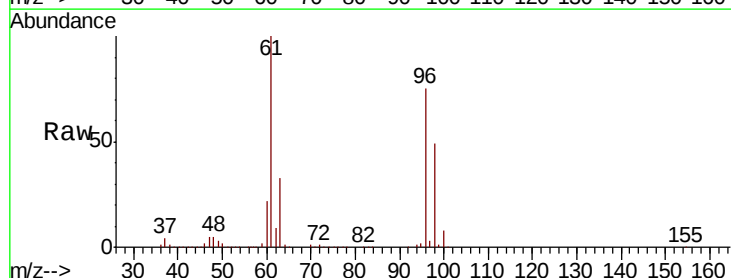


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

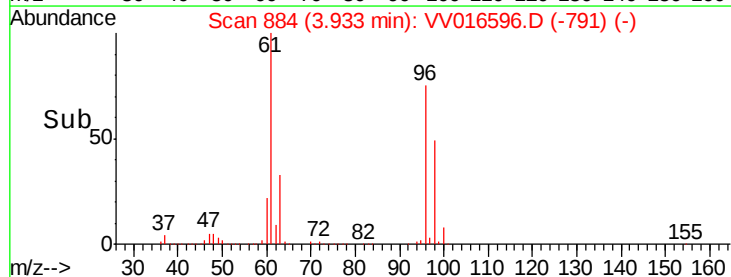
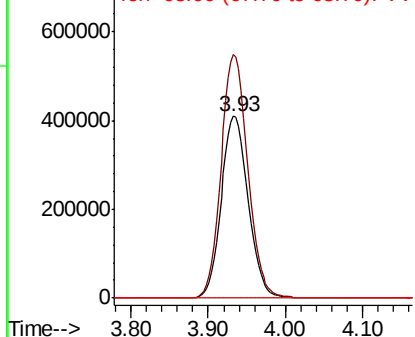


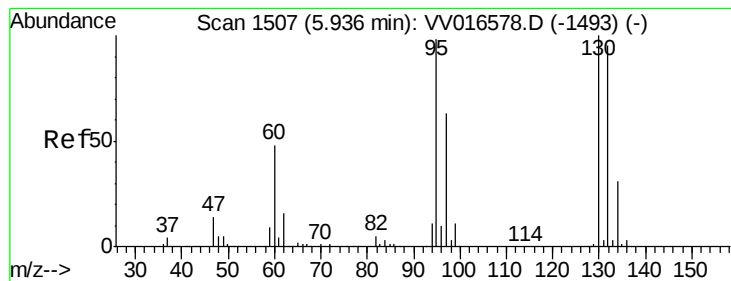
#20
cis-1,2-Dichloroethene
Concen: 355.099 ug/L
RT: 3.93 min Scan# 884
Delta R.T. 0.00 min
Lab File: VV016596.D
Acq: 06 Jun 2020 17:39

Tgt Ion: 96 Resp: 989213
Ion Ratio Lower Upper
96 100
61 133.7 93.4 173.4
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





#34

Trichloroethene

Concen: 0.806 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV016596.D

Acq: 06 Jun 2020 17:39

Instrument :

MSVOA_V

ClientSampleId :

EW0L5

Tot Ion: 95 Resp: 2139

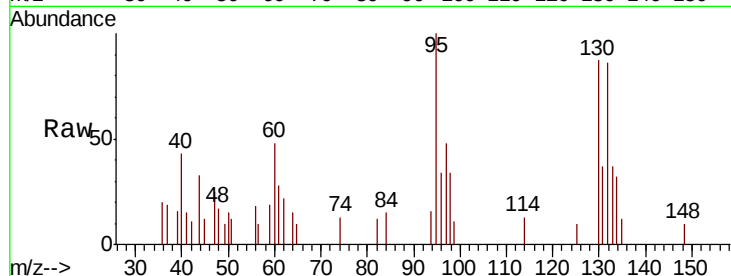
Ion Ratio Lower Upper

95 100

97 48.5 42.8 79.6

132 86.2 65.6 121.8

130 86.9 69.0 128.1

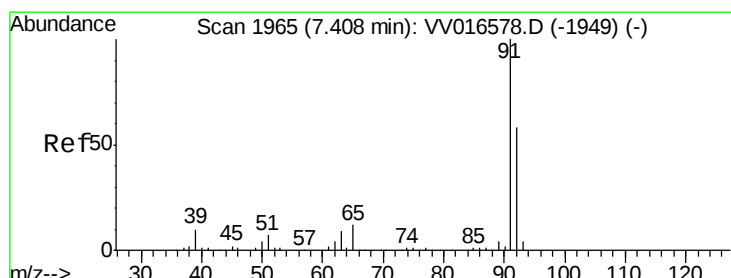
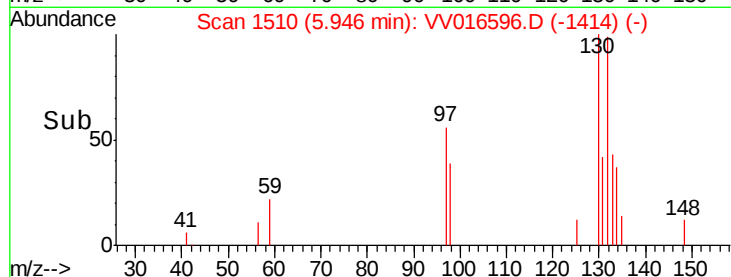
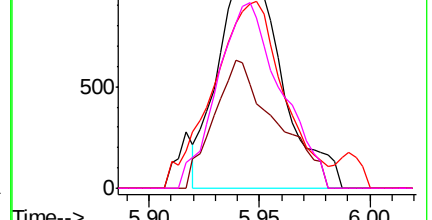


Abundance Ion 95.00 (94.70 to 95.70): VV016578.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV016578.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV016578.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV016578.D (-1493) (-)



#42

Toluene

Concen: 0.708 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016596.D

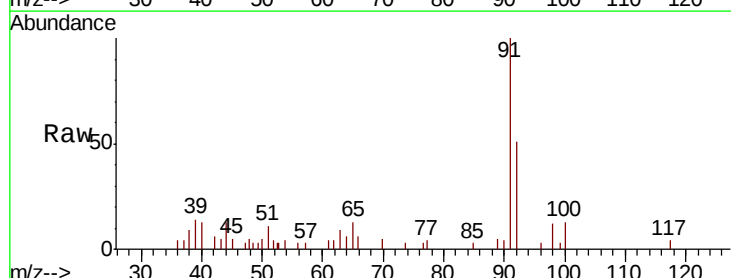
Acq: 06 Jun 2020 17:39

Tgt Ion: 91 Resp: 7585

Ion Ratio Lower Upper

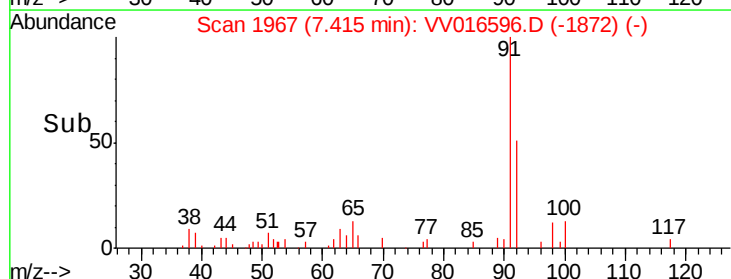
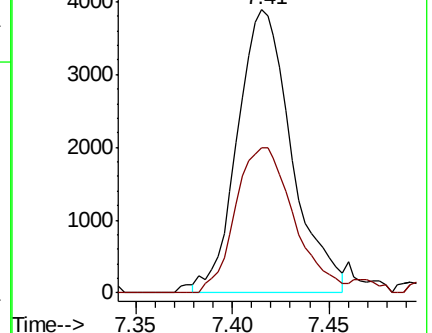
91 100

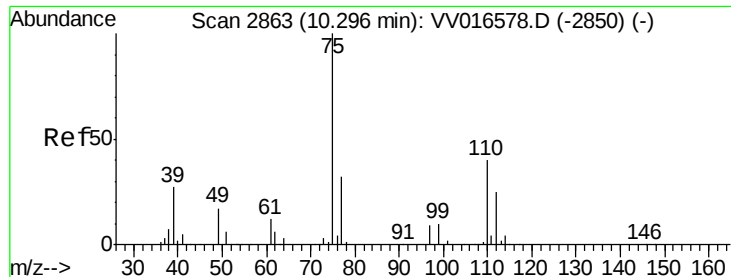
92 51.2 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016578.D (-1949) (-)

Ion 92.00 (91.70 to 92.70): VV016578.D (-1949) (-)





#59

1,2,3-Trichloropropane

Concen: 6.106 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016596.D

Acq: 06 Jun 2020 17:39

Instrument :

MSVOA_V

ClientSampleId :

EW0L5

Tot Ion: 75 Resp: 20083

Ion Ratio Lower Upper

75 100

77 37.9 26.6 40.0

