

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072820\
 Data File : VV017715.D
 Acq On : 28 Jul 2020 19:29
 Operator : SY/MD
 Sample : L3470-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE8

Quant Time: Jul 29 06:56:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 29 05:17:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	126561	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124616	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	55037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28619	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	26119	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.12	63	50790	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.92	46	76154	52.68	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.36%
24) Chloroform-d	4.38	84	83015	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
26) 1,2-Dichloroethane-d4	5.06	65	43558	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.07	84	140320	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.09	67	39236	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.34	98	129131	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
45) trans-1,3-Dichloropropene-	7.64	79	16351	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
48) 2-Hexanone-d5	8.11	63	50984	47.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28550	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	54905	6.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	132.00%#

Target Compounds

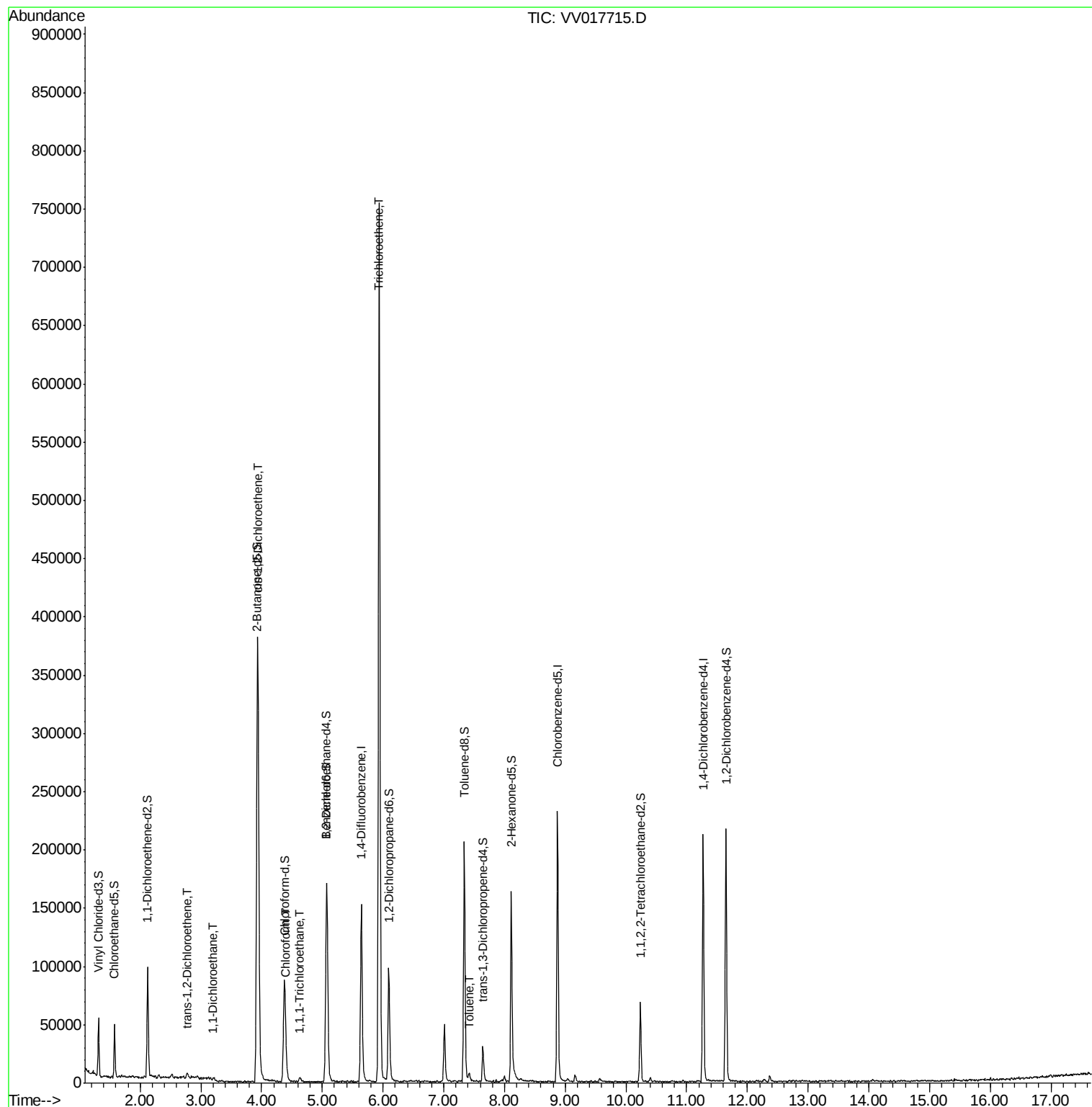
					Ovalue
18) trans-1,2-Dichloroethene	2.78	96	1660	0.224 ug/L	78
19) 1,1-Dichloroethane	3.21	63	2397	0.153 ug/L #	76
22) cis-1,2-Dichloroethene	3.94	96	192839	20.621 ug/L	99
25) Chloroform	4.41	83	12770	0.729 ug/L	95
29) 1,1,1-Trichloroethane	4.64	97	2790	0.160 ug/L	98
34) Trichloroethene	5.94	95	246289	24.997 ug/L	99
42) Toluene	7.41	91	4129	0.107 ug/L	88

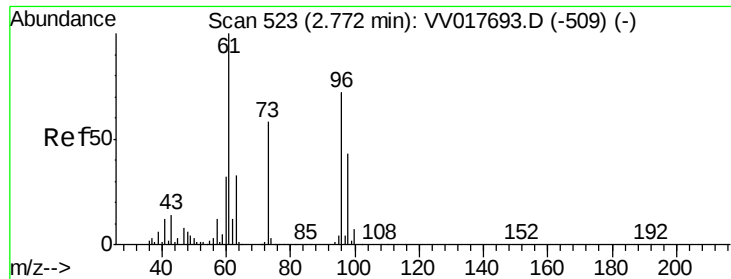
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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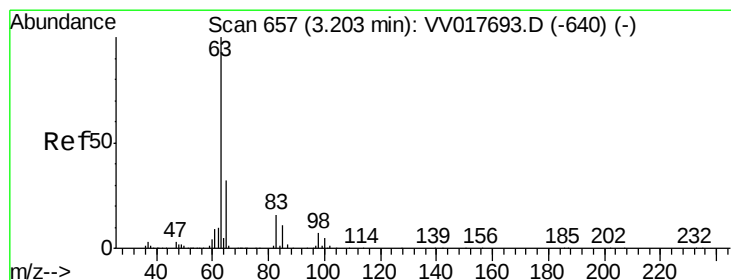
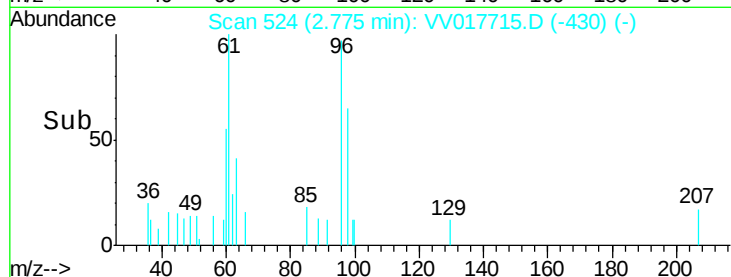
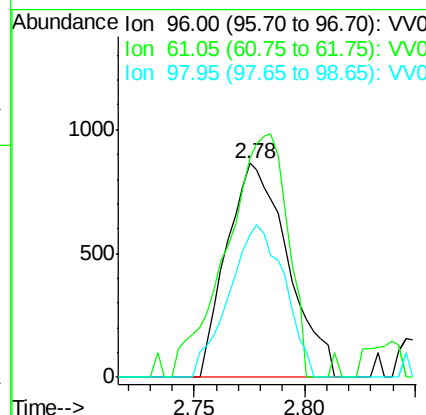
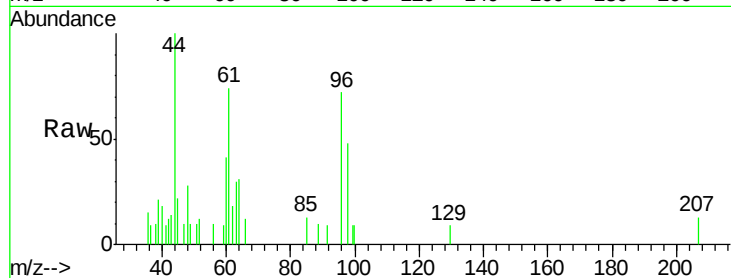




#18
trans-1,2-Dichloroethene
Concen: 0.224 ug/L
RT: 2.78 min Scan# 524
Delta R.T. 0.00 min
Lab File: VV017715.D
Acq: 28 Jul 2020 19:29

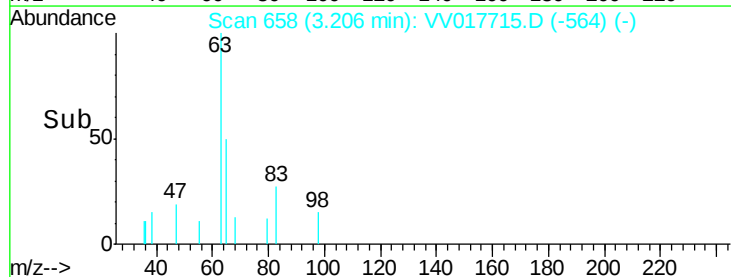
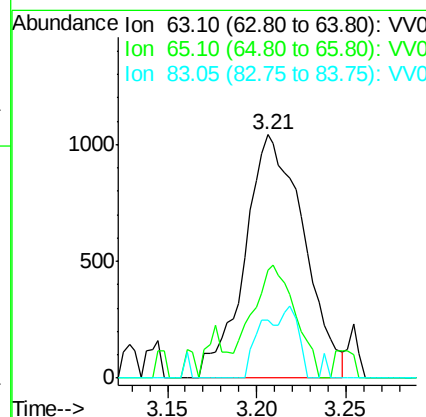
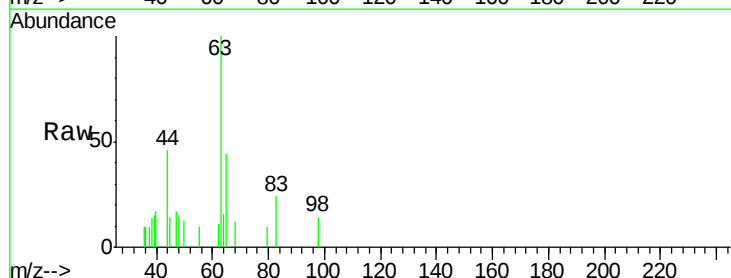
Instrument :
MSVOA_V
ClientSampleId :
H0AE8

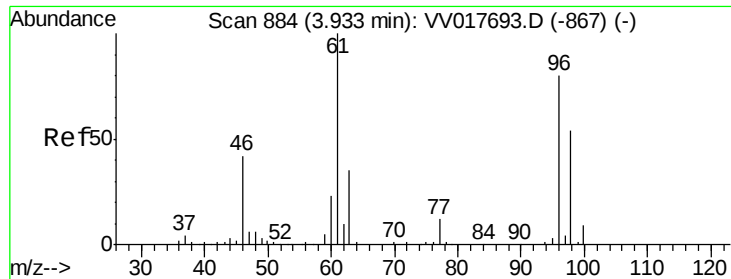
Tot Ion: 96 Resp: 1660
Ion Ratio Lower Upper
96 100
61 102.7 96.0 178.4
98 66.9 43.5 80.9



#19
1,1-Dichloroethane
Concen: 0.153 ug/L
RT: 3.21 min Scan# 658
Delta R.T. 0.00 min
Lab File: VV017715.D
Acq: 28 Jul 2020 19:29

Tgt Ion: 63 Resp: 2397
Ion Ratio Lower Upper
63 100
65 44.2 21.4 39.8#
83 24.0 10.4 19.4#



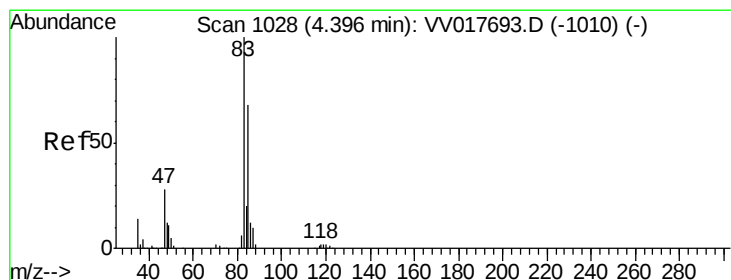
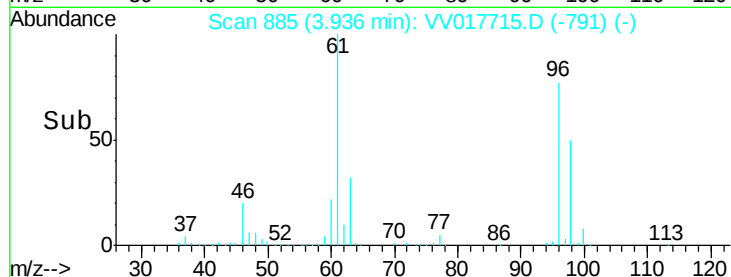
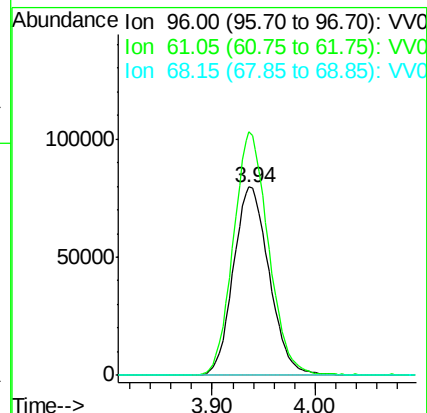
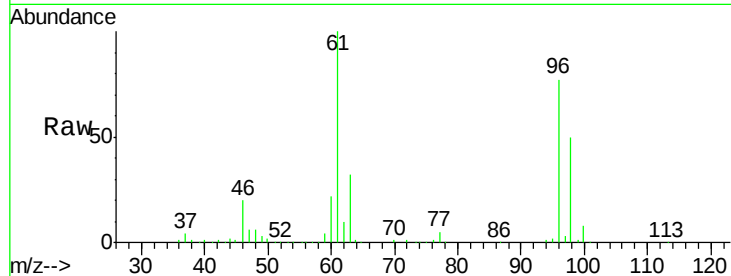


#22

cis-1,2-Dichloroethene
 Concen: 20.621 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017715.D
 Acq: 28 Jul 2020 19:29

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE8

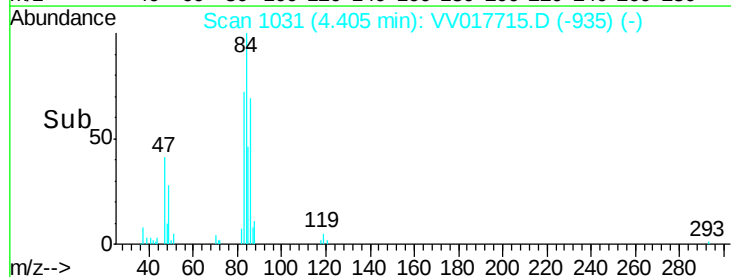
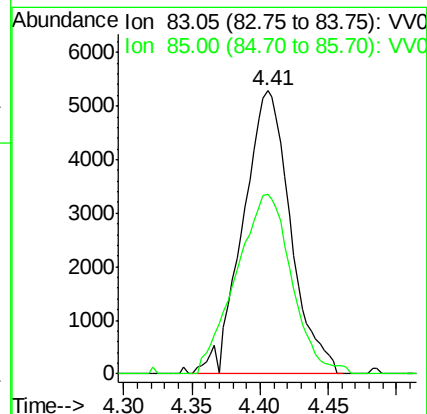
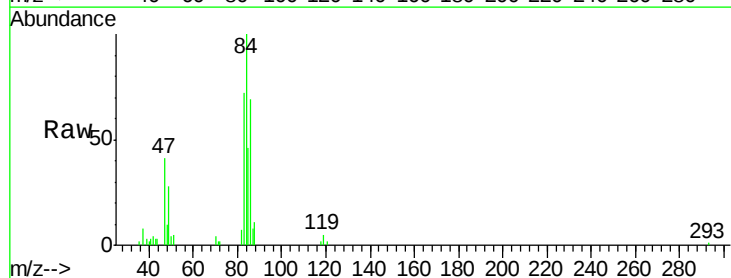
Tot Ion	96	Resp	192839
Ion	Ratio	Lower	Upper
96	100		
61	129.2	89.6	166.4
68	0.0	0.0	0.0

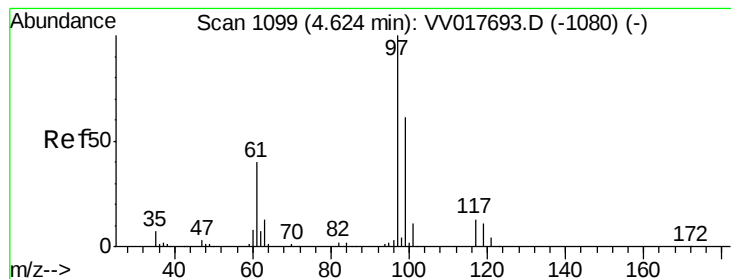


#25

Chloroform
 Concen: 0.729 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV017715.D
 Acq: 28 Jul 2020 19:29

Tgt Ion	83	Resp	12770
Ion	Ratio	Lower	Upper
83	100		
85	63.6	47.3	87.9





#29

1,1,1-Trichloroethane

Concen: 0.160 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VV017715.D

Acq: 28 Jul 2020 19:29

Instrument :

MSVOA_V

ClientSampled :

H0AE8

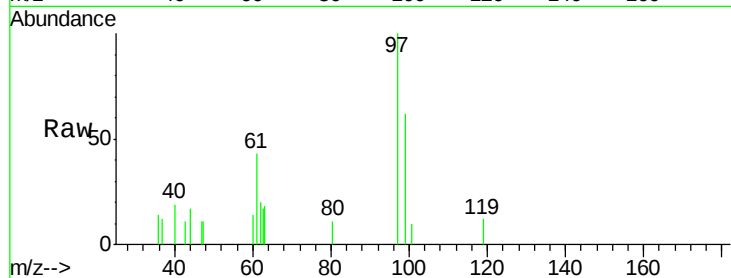
Tot Ion: 97 Resp: 2790

Ion Ratio Lower Upper

97 100

99 64.4 50.6 76.0

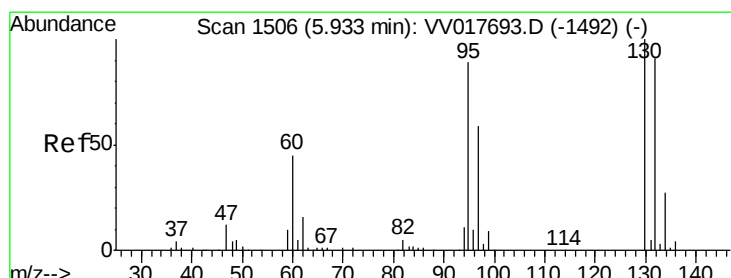
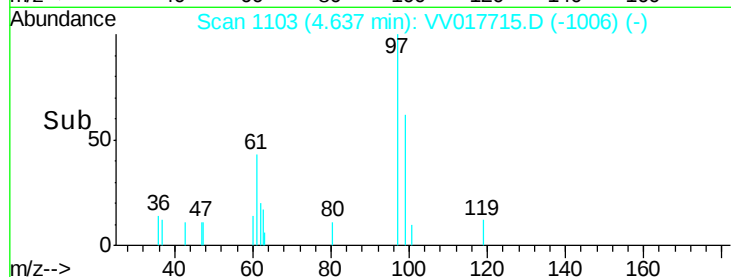
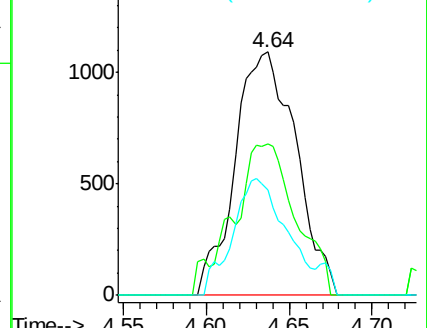
61 42.5 35.7 53.5



Abundance Ion 96.95 (96.65 to 97.65): VV017693.D (-1080) (-)

Ion 99.05 (98.75 to 99.75): VV017693.D (-1080) (-)

Ion 61.05 (60.75 to 61.75): VV017693.D (-1080) (-)



#34

Trichloroethene

Concen: 24.997 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV017715.D

Acq: 28 Jul 2020 19:29

Tgt Ion: 95 Resp: 246289

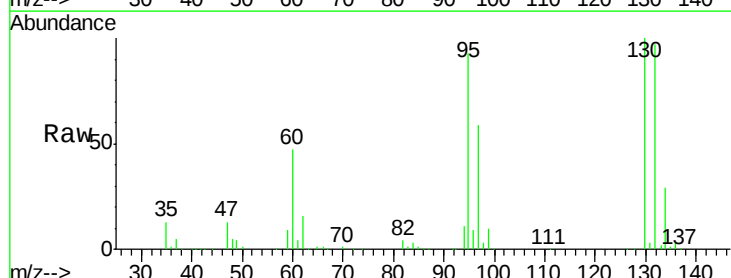
Ion Ratio Lower Upper

95 100

97 63.5 46.1 85.5

132 103.5 71.7 133.1

130 107.2 74.3 137.9

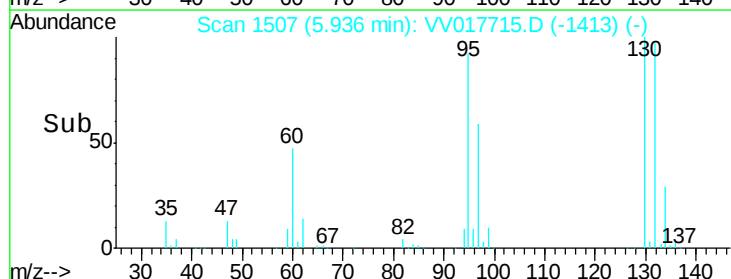
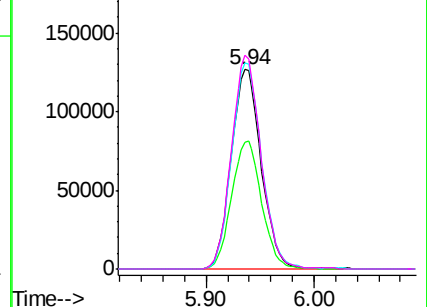


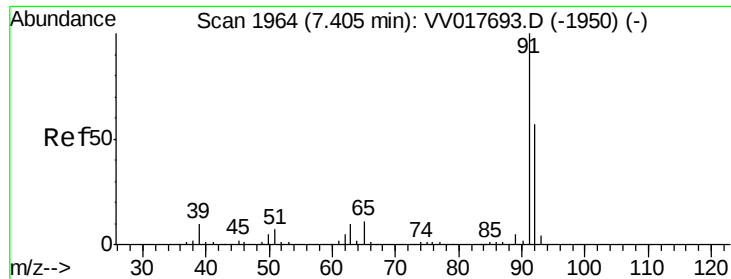
Abundance Ion 95.00 (94.70 to 95.70): VV017693.D (-1492) (-)

Ion 96.95 (96.65 to 97.65): VV017693.D (-1492) (-)

Ion 131.95 (131.65 to 132.65): VV017693.D (-1492) (-)

Ion 129.95 (129.65 to 130.65): VV017693.D (-1492) (-)





#42

Toluene

Concen: 0.107 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017715.D

Acq: 28 Jul 2020 19:29

Instrument :

MSVOA_V

ClientSampleId :

H0AE8

Tot Ion: 91 Resp: 4129

Ion Ratio Lower Upper

91 100

92 67.1 40.8 75.8

