

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015804.D
 Acq On : 29 Apr 2020 19:47
 Operator : SY/MD
 Sample : L2421-14DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSB8DL

Quant Time: Apr 30 06:55:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	138064	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	131658	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61762	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38539	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.57	69	30339	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.11	63	59857	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.92	46	99862	43.10	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.20%
24) Chloroform-d	4.37	84	57984	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.00%#
26) 1,2-Dichloroethane-d4	5.05	65	45625	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.07	84	156080	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.09	67	49525	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.34	98	140693	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.65	79	16356	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.11	63	71013	37.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31765	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	51017	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

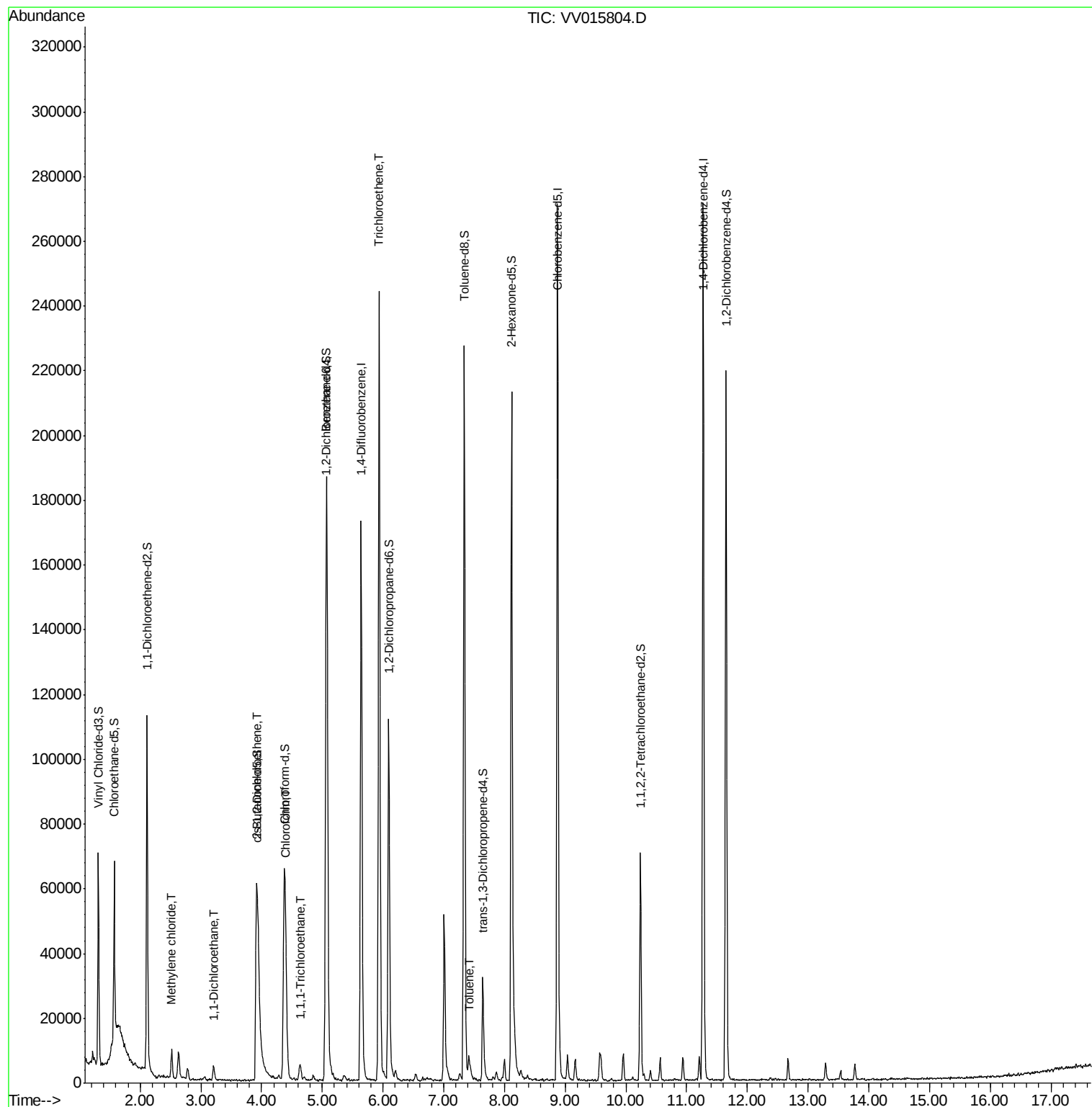
					Ovalue
16) Methylene chloride	2.52	84	3118	0.314 ug/L	99
19) 1,1-Dichloroethane	3.21	63	4771	0.270 ug/L	93
22) cis-1,2-Dichloroethene	3.94	96	6006	0.604 ug/L	97
25) Chloroform	4.40	83	26277	1.401 ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	3932	0.235 ug/L	96
34) Trichloroethene	5.94	95	82310	7.924 ug/L	97
42) Toluene	7.42	91	4881	0.121 ug/L	93

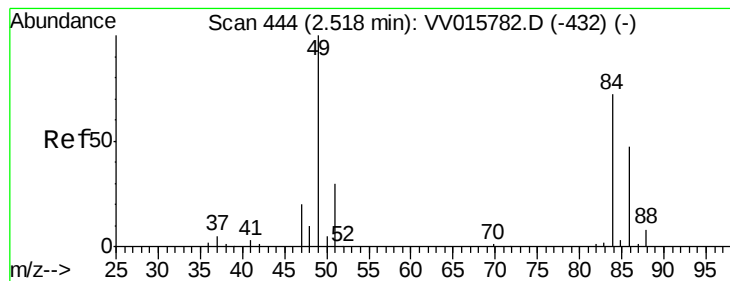
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.314 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

Instrument :

MSVOA_V

ClientSampleId :

BFSB8DL

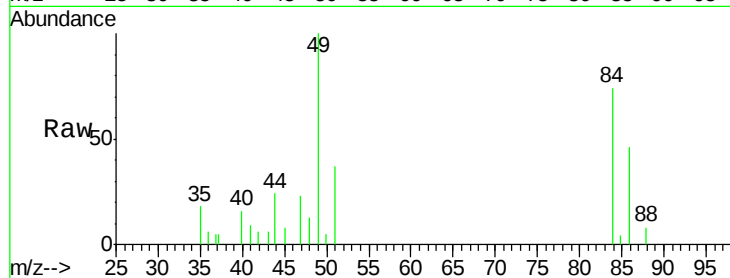
Tot Ion: 84 Resp: 3118

Ion Ratio Lower Upper

84 100

86 62.2 45.1 83.7

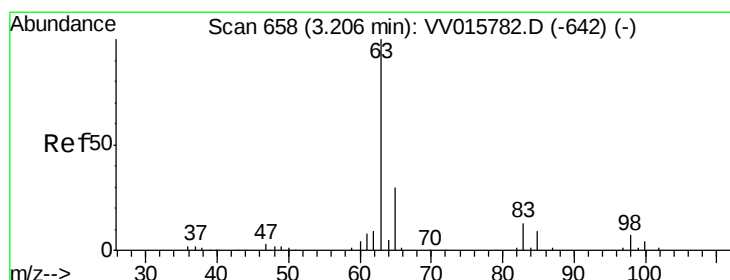
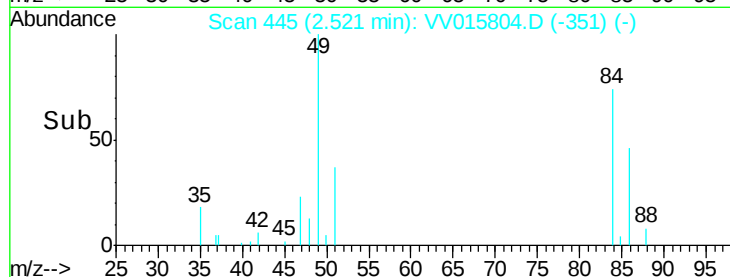
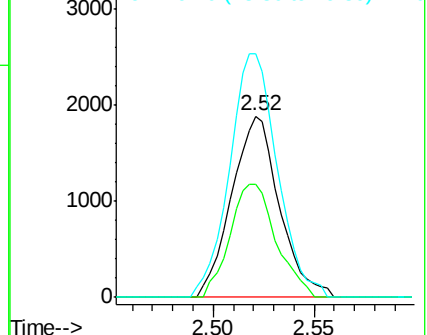
49 134.2 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#19

1,1-Dichloroethane

Concen: 0.270 ug/L

RT: 3.21 min Scan# 659

Delta R.T. 0.00 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

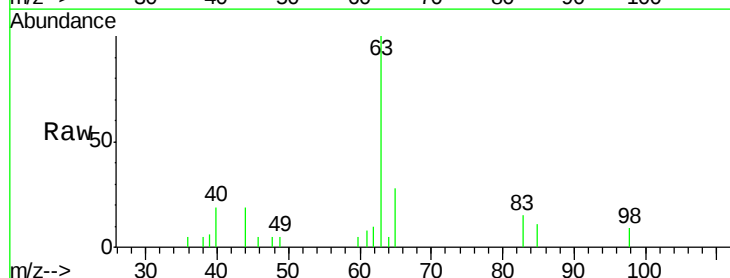
Tgt Ion: 63 Resp: 4771

Ion Ratio Lower Upper

63 100

65 27.6 22.3 41.3

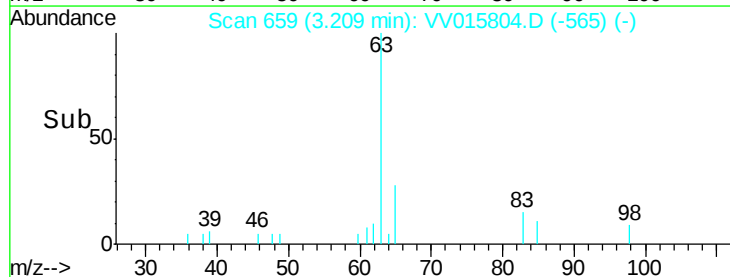
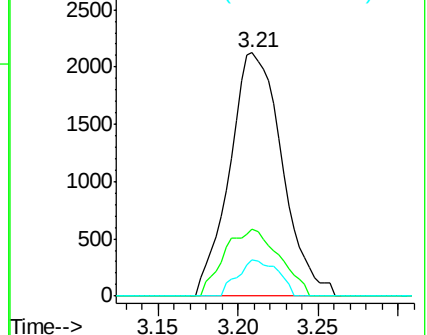
83 15.1 9.3 17.3

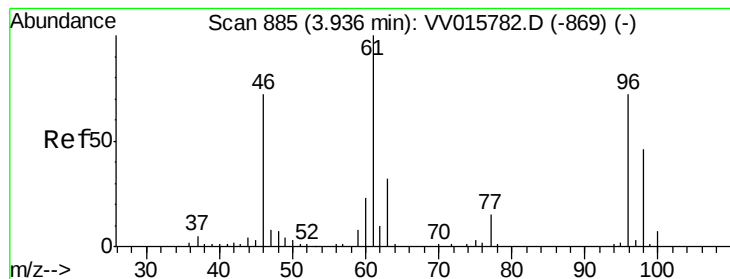


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0





#22

cis-1,2-Dichloroethene

Concen: 0.604 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

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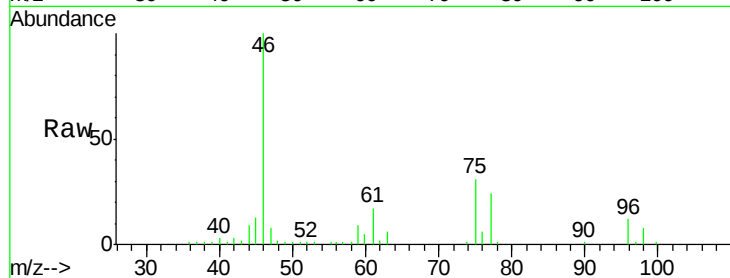
Tot Ion: 96 Resp: 6006

Ion Ratio Lower Upper

96 100

61 141.8 96.4 179.0

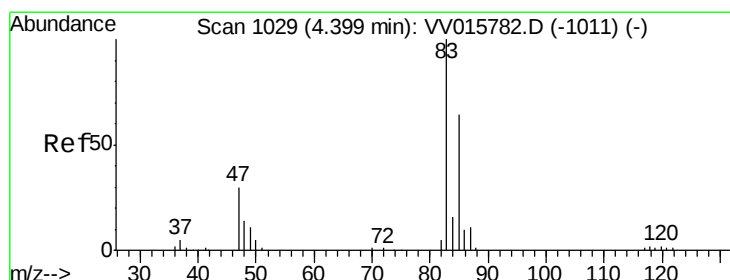
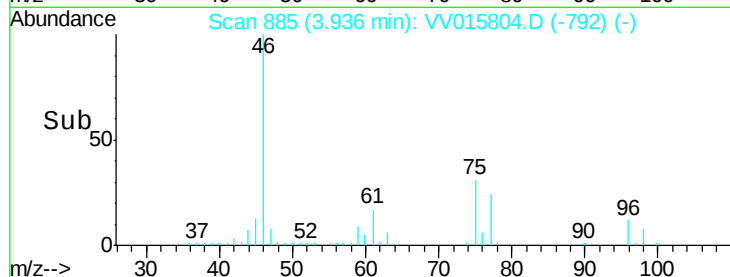
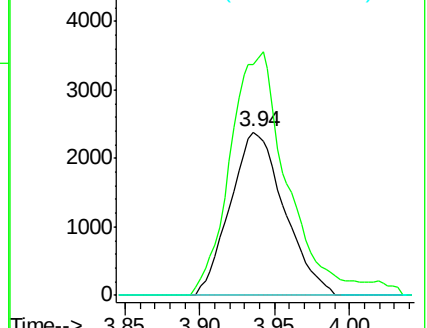
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#25

Chloroform

Concen: 1.401 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015804.D

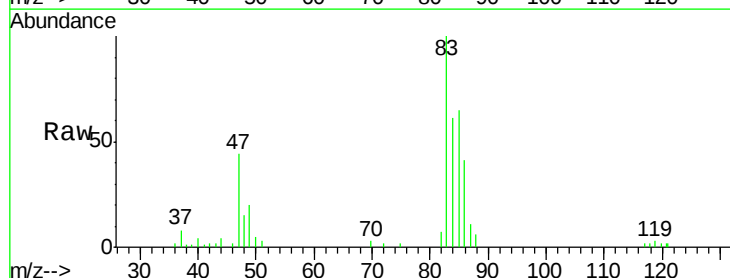
Acq: 29 Apr 2020 19:47

Tgt Ion: 83 Resp: 26277

Ion Ratio Lower Upper

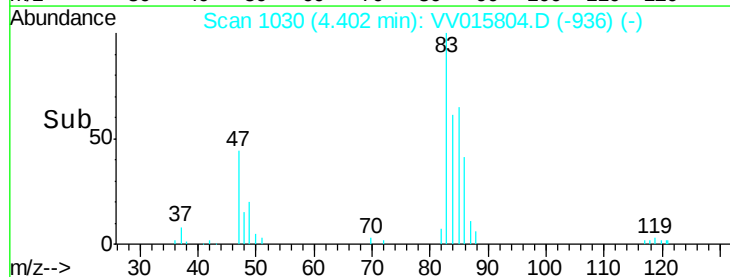
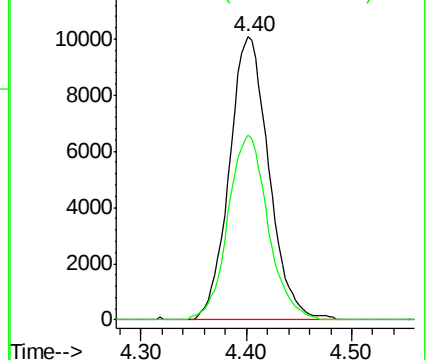
83 100

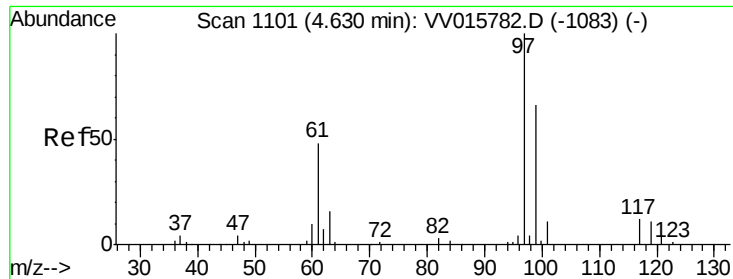
85 65.5 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

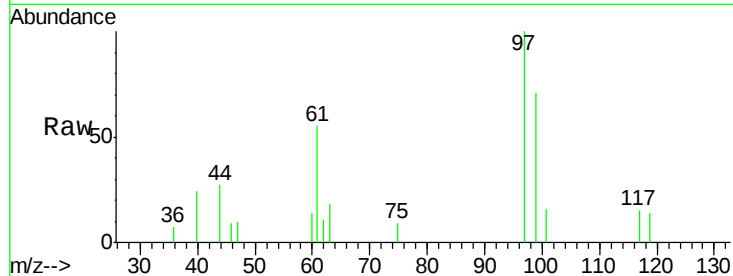




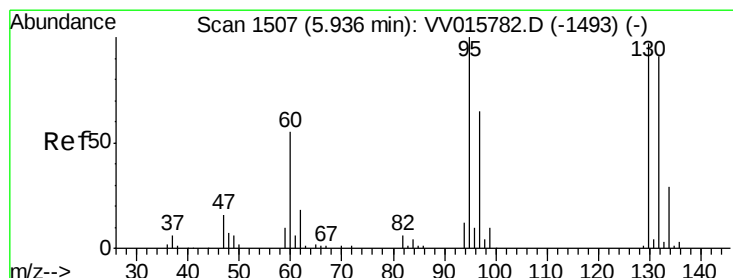
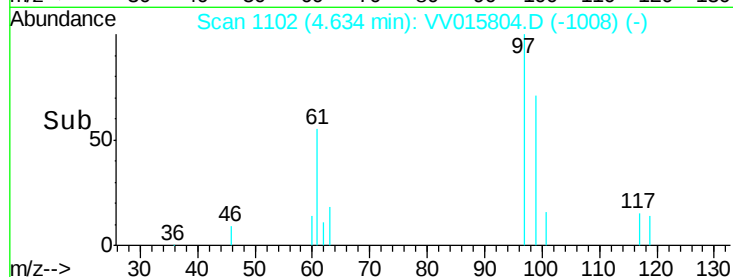
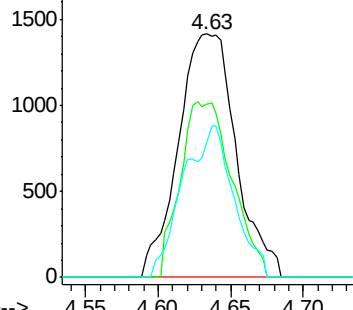
#29
1,1,1-Trichloroethane
Concen: 0.235 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV015804.D
Acq: 29 Apr 2020 19:47

Instrument :
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BFSB8DL

Tot Ion: 97 Resp: 3932
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 54.6 38.6 57.8

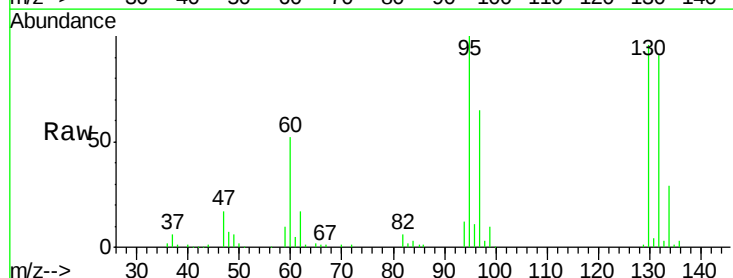


Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

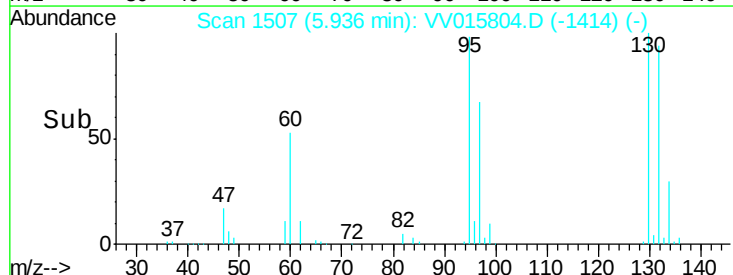
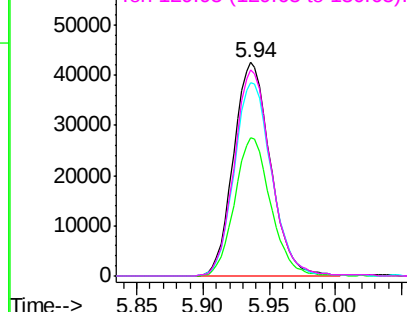


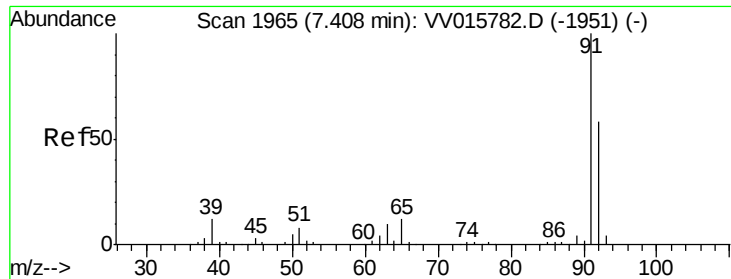
#34
Trichloroethene
Concen: 7.924 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV015804.D
Acq: 29 Apr 2020 19:47

Tgt Ion: 95 Resp: 82310
Ion Ratio Lower Upper
95 100
97 65.0 44.7 82.9
132 90.8 65.2 121.0
130 96.4 65.0 120.6



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 0.121 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

Instrument :

MSVOA_V

ClientSampleId :

BFSB8DL

Tot Ion: 91 Resp: 4881

Ion Ratio Lower Upper

91 100

92 53.0 40.7 75.7

