

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015680.D
 Acq On : 24 Apr 2020 17:41
 Operator : SY/MD
 Sample : L2370-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKN7

Quant Time: Apr 25 03:25:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	123313	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	118136	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57716	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27211	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.58	69	28699	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.12	63	44849	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.91	46	114862	55.51	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.02%
24) Chloroform-d	4.38	84	72957	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.06	65	42502	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.08	84	134470	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.09	67	43368	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.34	98	121103	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.64	79	15199	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.11	63	86660	51.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33623	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	49650	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

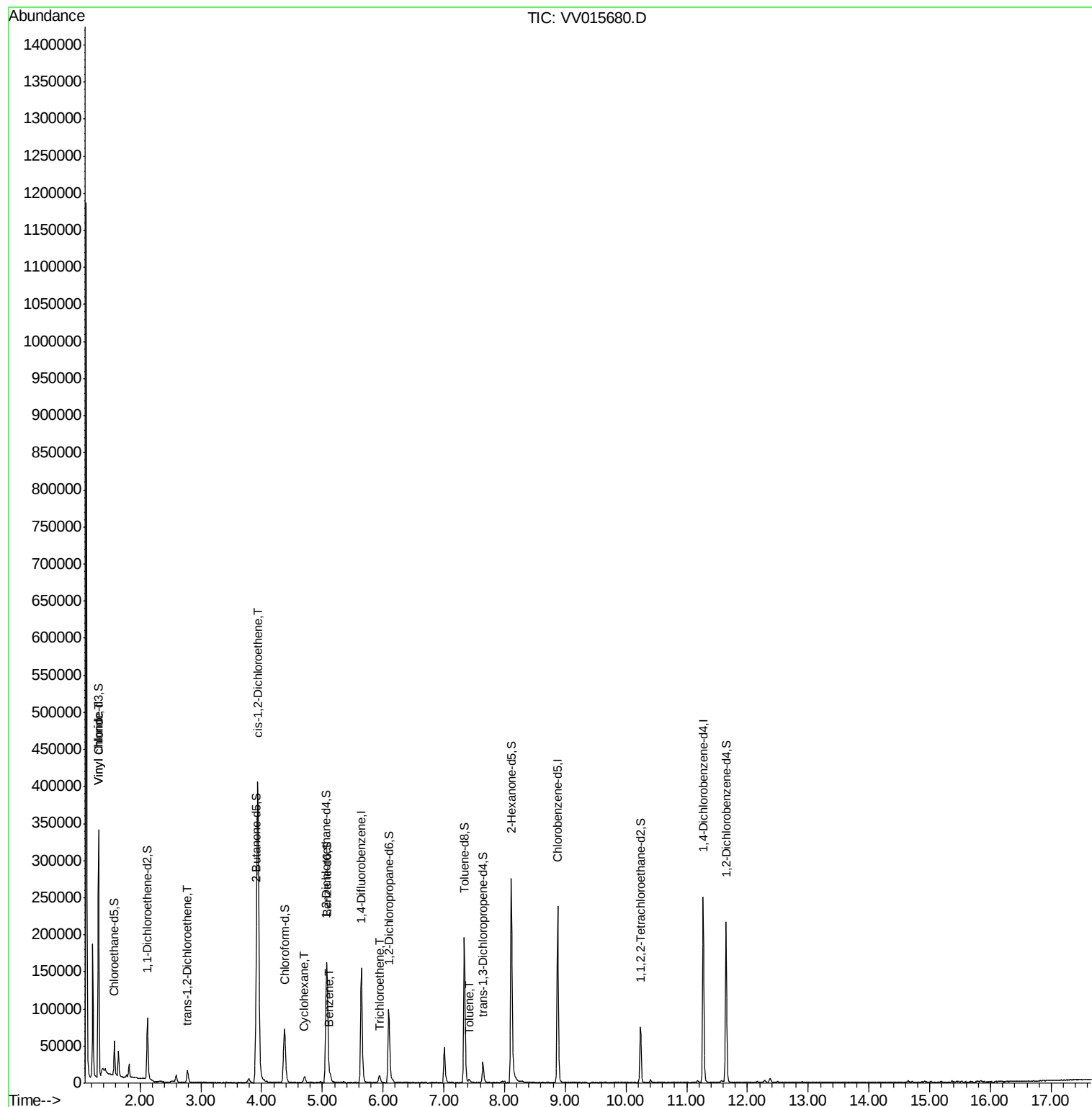
					Ovalue
5) Vinyl chloride	1.32	62	16117	1.651	ug/L 95
18) trans-1,2-Dichloroethene	2.78	96	4223	0.526	ug/L 92
22) cis-1,2-Dichloroethene	3.94	96	203206	22.870	ug/L 96
30) Cyclohexane	4.70	56	4315	0.301	ug/L 99
33) Benzene	5.13	78	8469	0.251	ug/L 100
34) Trichloroethene	5.94	95	3006	0.322	ug/L 92
42) Toluene	7.42	91	3066	0.085	ug/L 90

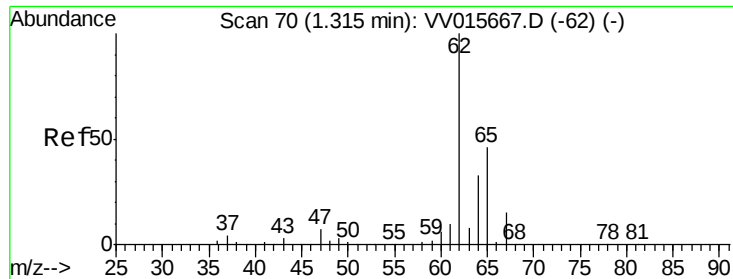
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 25 00:15:39 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.651 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015680.D

Acq: 24 Apr 2020 17:41

Instrument :

MSVOA_V

ClientSampled :

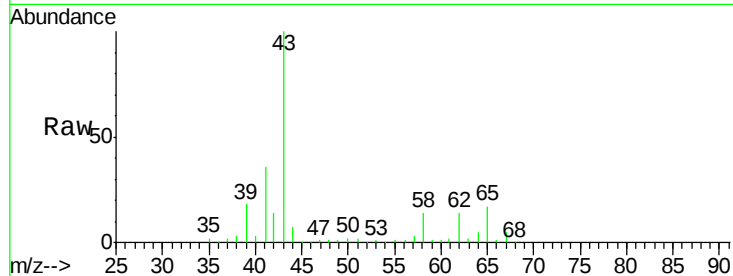
ETKN7

Tot Ion: 62 Resp: 16117

Ion Ratio Lower Upper

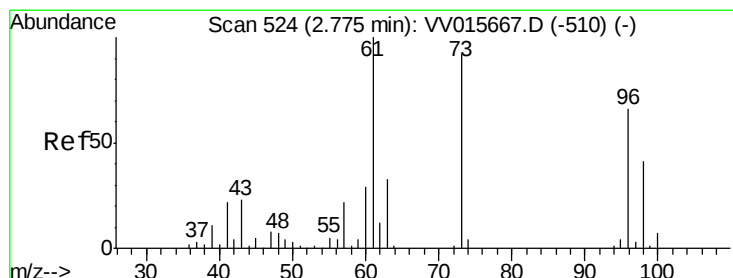
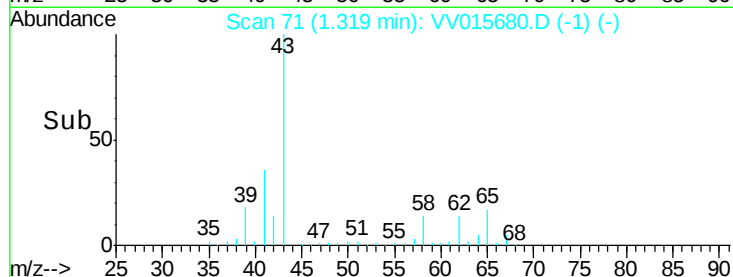
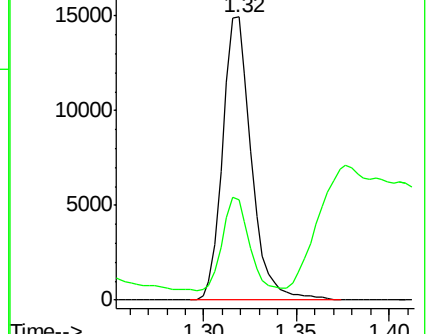
62 100

64 35.4 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#18

trans-1,2-Dichloroethene

Concen: 0.526 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV015680.D

Acq: 24 Apr 2020 17:41

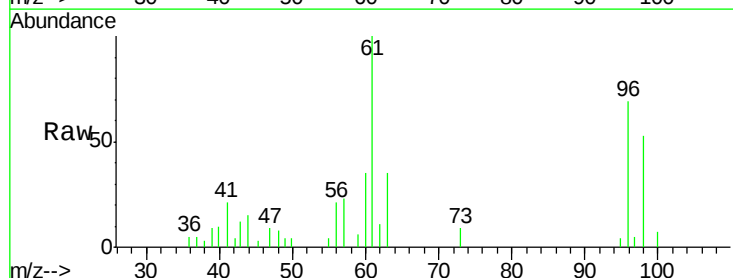
Tgt Ion: 96 Resp: 4223

Ion Ratio Lower Upper

96 100

61 145.0 105.5 195.9

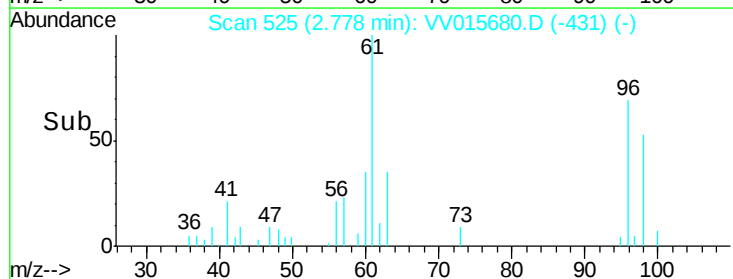
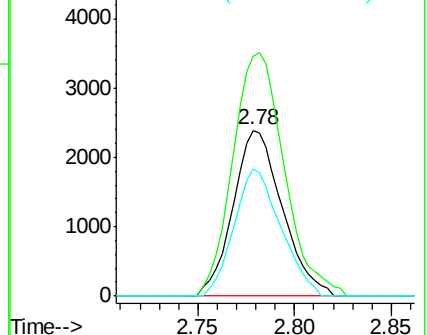
98 77.0 44.2 82.0

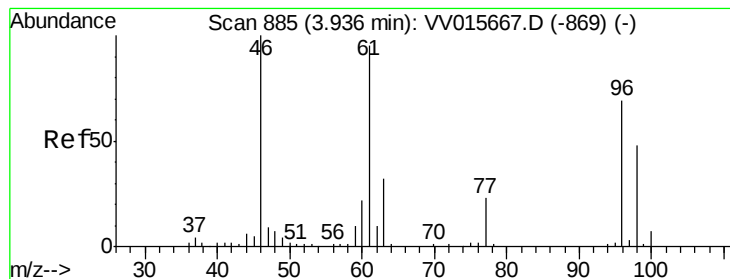


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



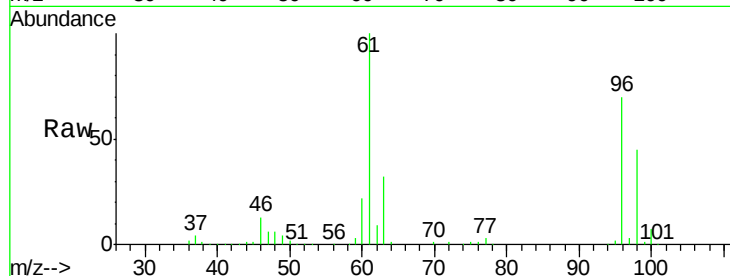


#22

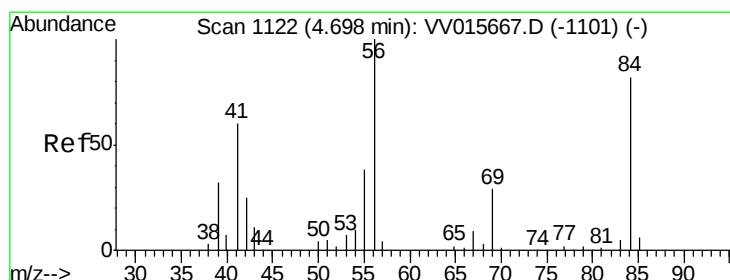
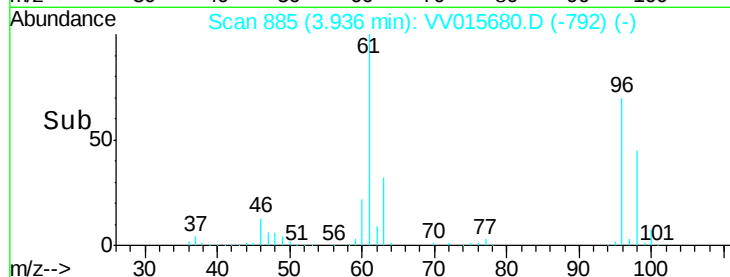
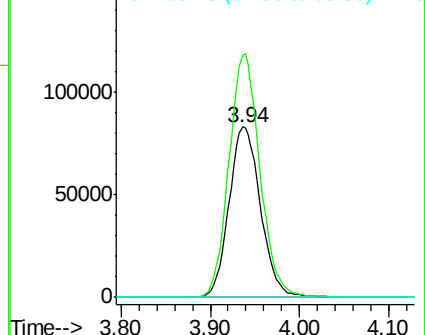
cis-1,2-Dichloroethene
 Concen: 22.870 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV015680.D
 Acq: 24 Apr 2020 17:41

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKN7

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	96.4	179.0
68	0.0	0.0	0.0



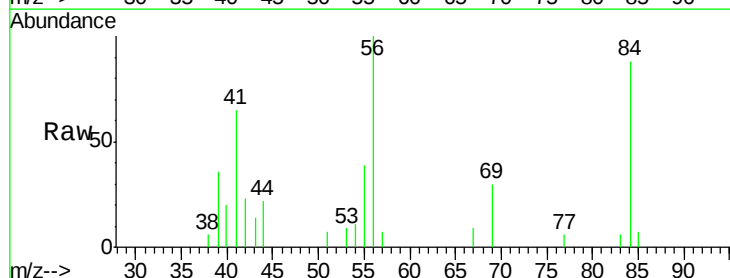
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



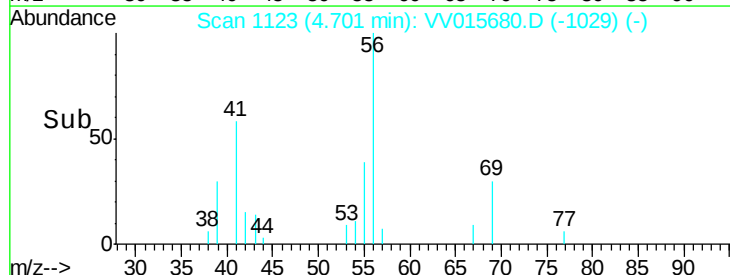
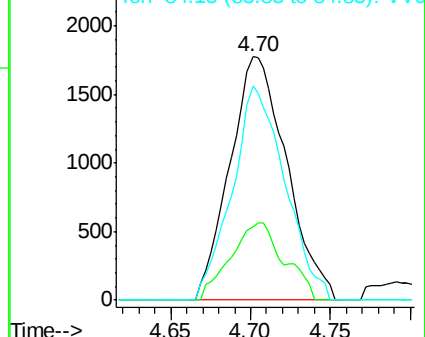
#30

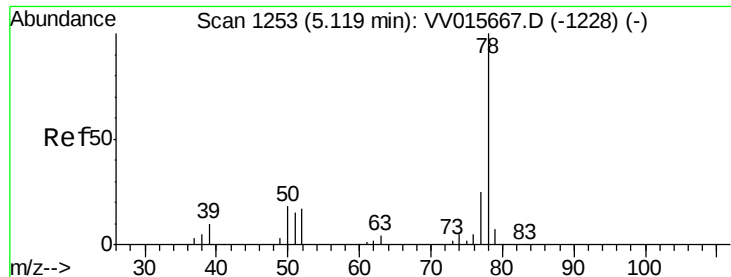
Cyclohexane
 Concen: 0.301 ug/L
 RT: 4.70 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VV015680.D
 Acq: 24 Apr 2020 17:41

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.9	35.9
84	81.8	66.9	100.3



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0





#33

Benzene

Concen: 0.251 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VV015680.D

Acq: 24 Apr 2020 17:41

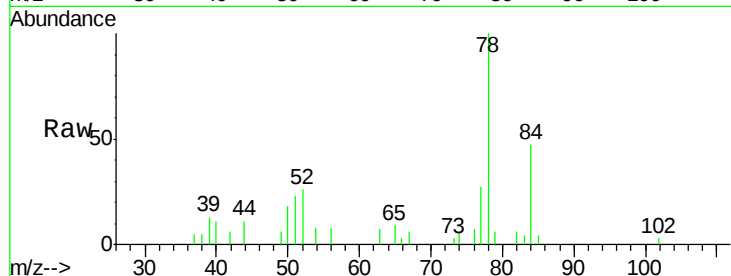
Instrument :

MSVOA_V

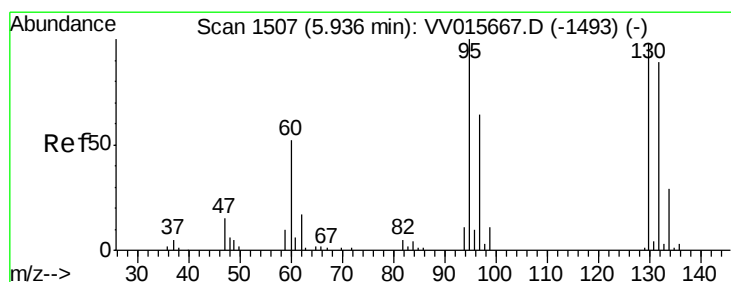
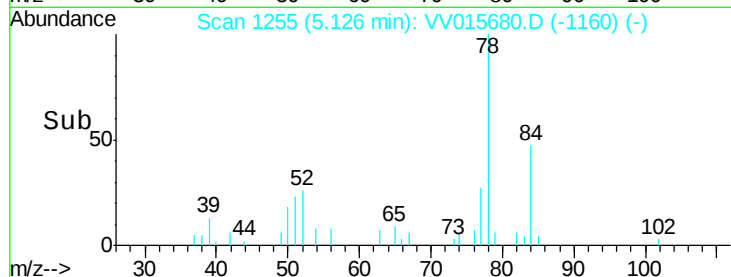
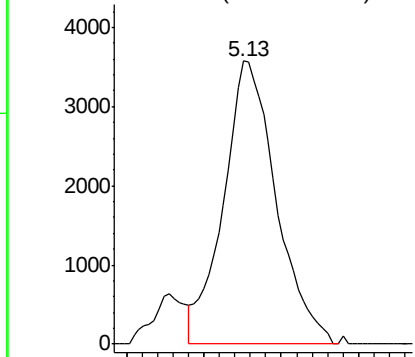
ClientSampleId :

ETKN7

Tgt Ion: 78 Resp: 8469



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.322 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015680.D

Acq: 24 Apr 2020 17:41

Tgt Ion: 95 Resp: 3006

Ion	Ratio	Lower	Upper
95	100		
97	74.4	44.7	82.9
132	97.8	65.2	121.0
130	87.0	65.0	120.6

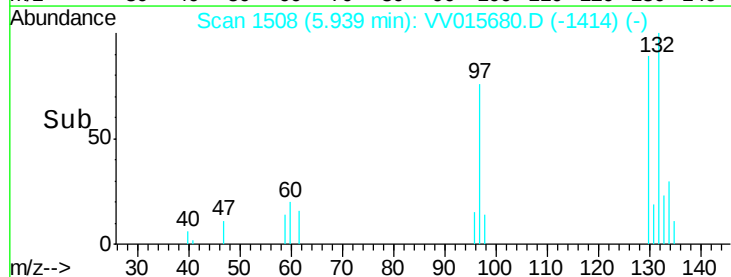
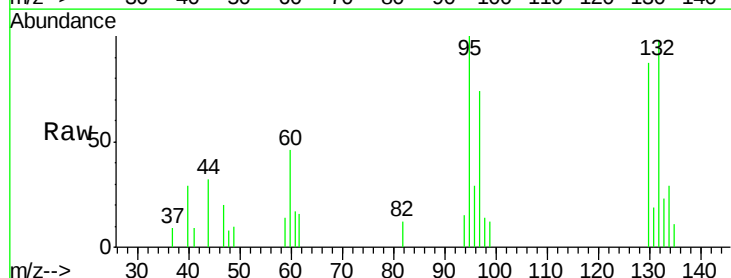
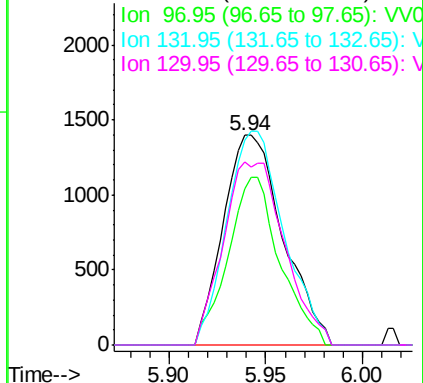
Ion 95.00 (94.70 to 95.70): VV0

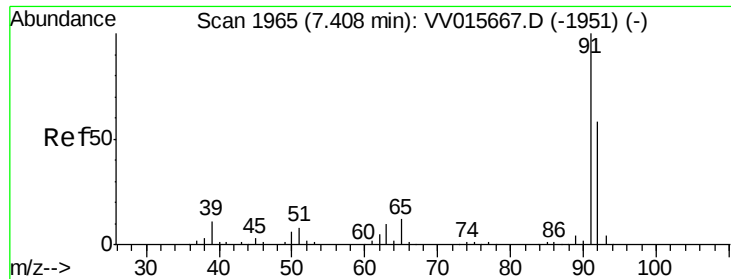
Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0





#42

Toluene

Concen: 0.085 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV015680.D

Acq: 24 Apr 2020 17:41

Instrument :

MSVOA_V

ClientSampleId :

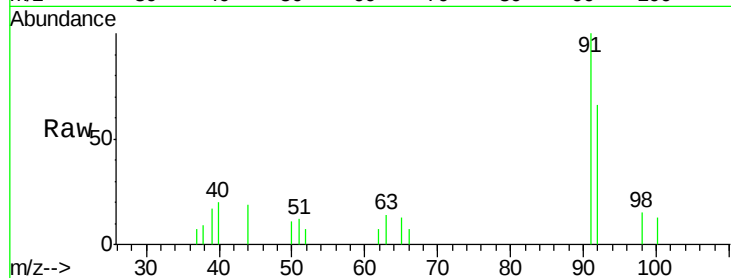
ETKN7

Tot Ion: 91 Resp: 3066

Ion Ratio Lower Upper

91 100

92 65.6 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

