

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015847.D
 Acq On : 30 Apr 2020 20:29
 Operator : SY/MD
 Sample : L2416-09MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKL4MS

Quant Time: May 01 04:55:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 01 01:42:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	117076	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	113799	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	52342	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34936	5.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.20%
7) Chloroethane-d5	1.58	69	31872	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.12	63	77425	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.60%
20) 2-Butanone-d5	3.94	46	97252	49.50	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.00%
24) Chloroform-d	4.38	84	68208	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.06	65	41755	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.08	84	135350	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.10	67	42867	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.34	98	120887	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.65	79	14126	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.12	63	66732	40.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29522	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	43817	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

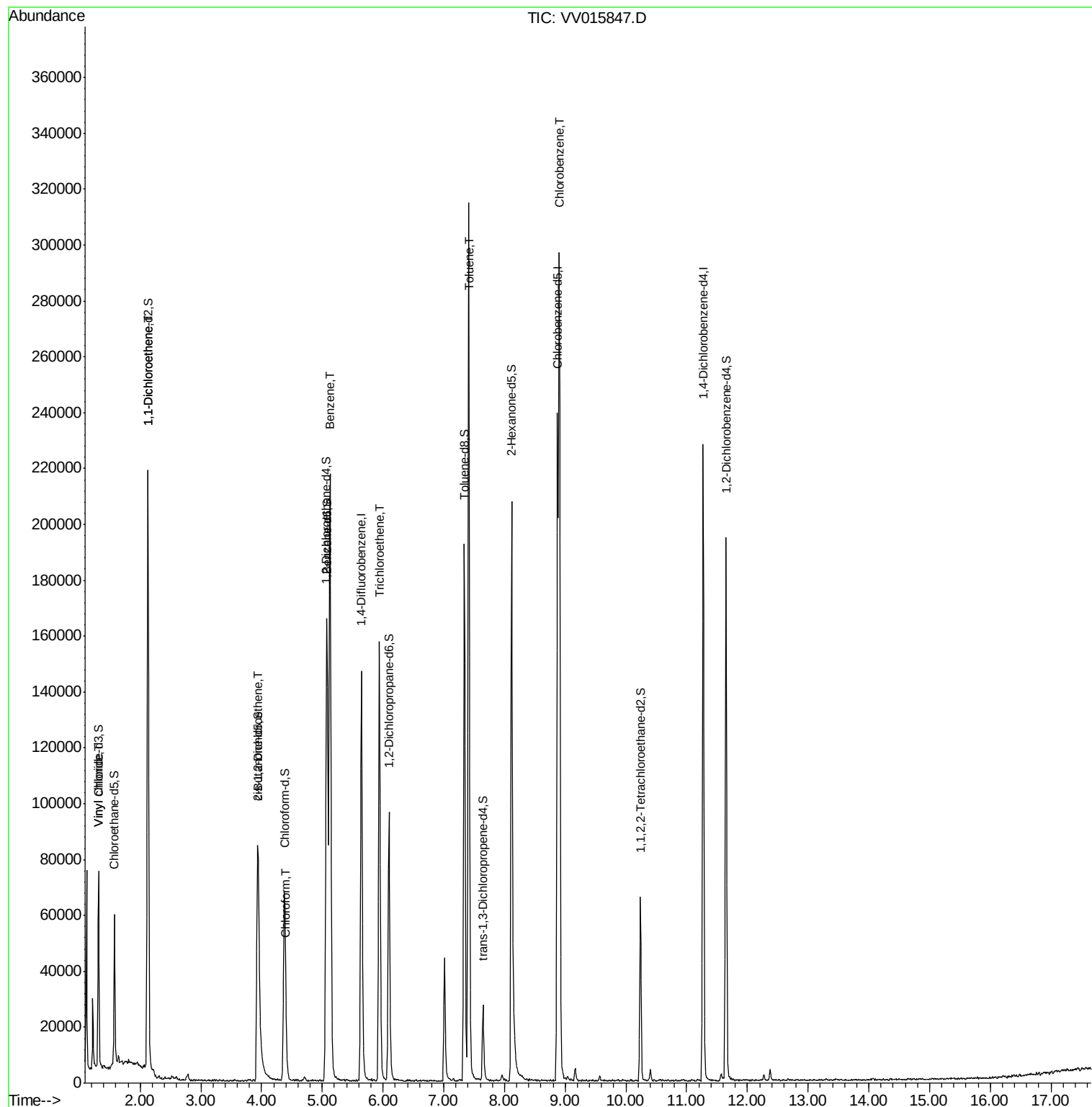
					Ovalue
5) Vinyl chloride	1.32	62	4897	0.529 ug/L	94
12) 1,1-Dichloroethene	2.13	96	43725	6.417 ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	22760	2.698 ug/L	98
25) Chloroform	4.41	83	4575	0.288 ug/L	94
33) Benzene	5.13	78	206932	6.365 ug/L	100
34) Trichloroethene	5.94	95	53384	5.945 ug/L	99
42) Toluene	7.41	91	218469	6.289 ug/L	98
51) Chlorobenzene	8.90	112	140115	6.157 ug/L	97

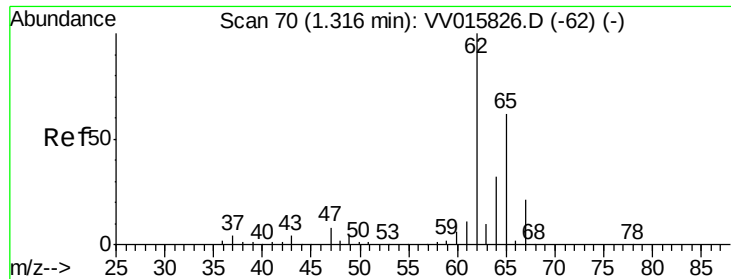
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 01 01:42:43 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.529 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015847.D

Acq: 30 Apr 2020 20:29

Instrument :

MSVOA_V

ClientSampled :

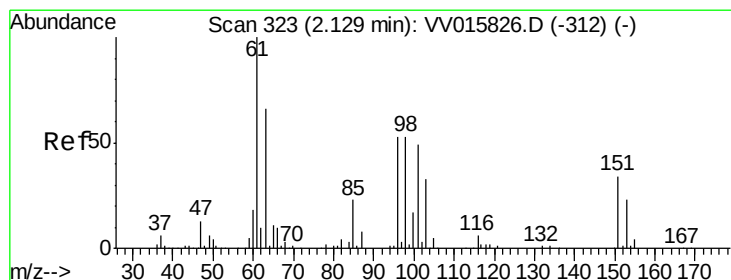
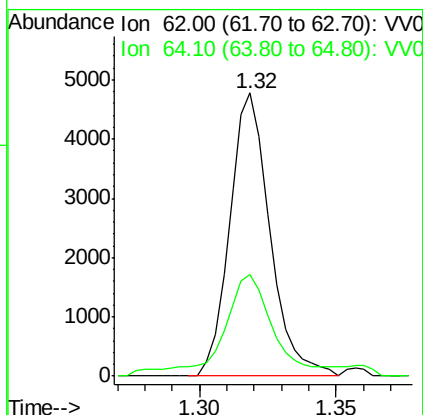
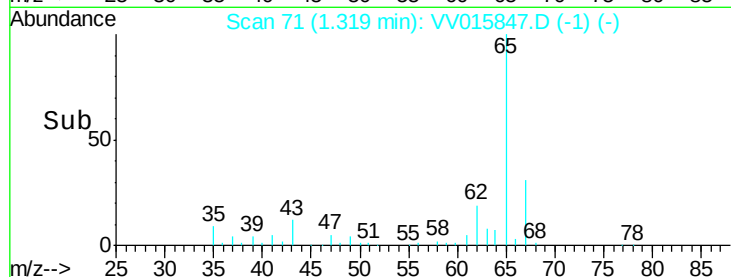
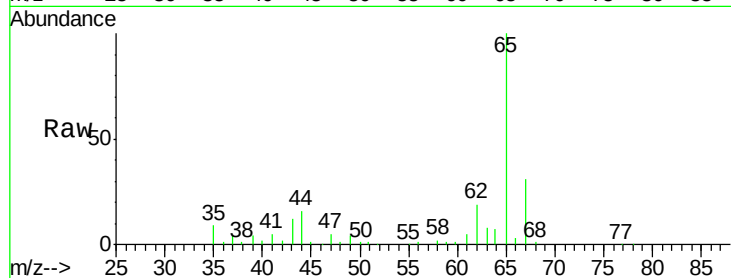
ETKL4MS

Tot Ion: 62 Resp: 4897

Ion Ratio Lower Upper

62 100

64 35.8 22.7 42.1



#12

1,1-Dichloroethene

Concen: 6.417 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015847.D

Acq: 30 Apr 2020 20:29

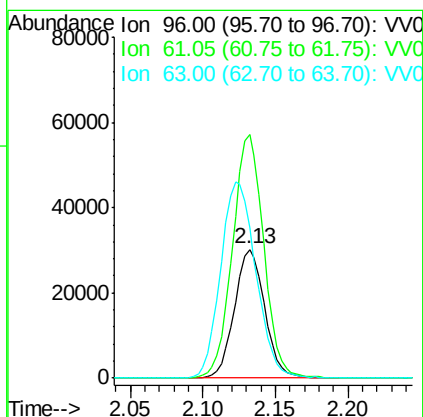
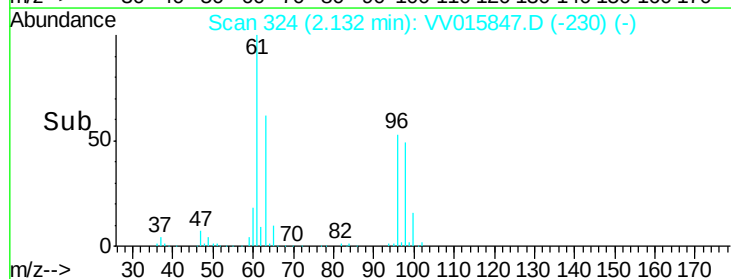
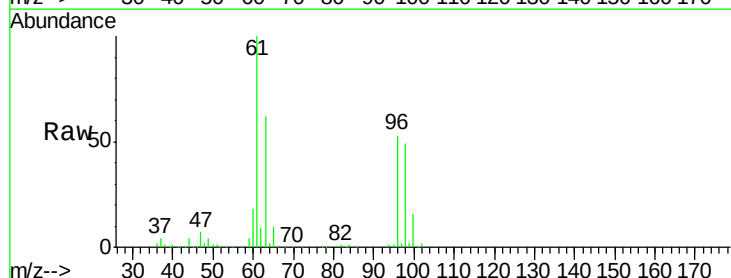
Tgt Ion: 96 Resp: 43725

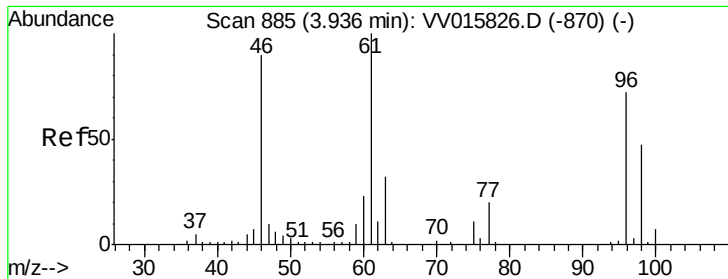
Ion Ratio Lower Upper

96 100

61 188.8 130.1 241.7

63 116.2 91.4 169.8



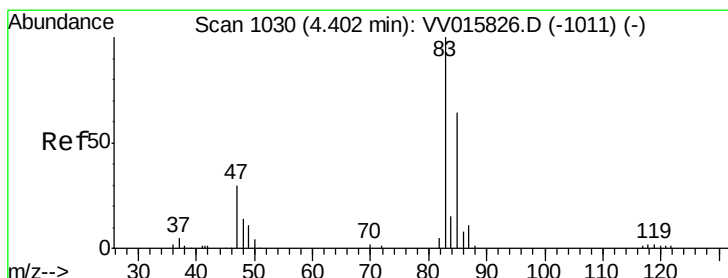
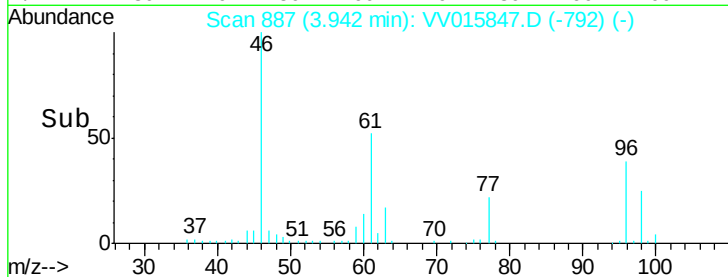
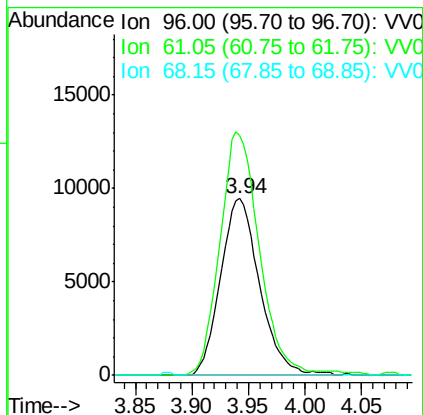
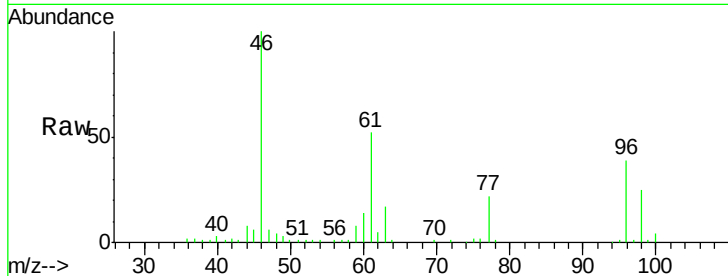


#22

cis-1,2-Dichloroethene
Concen: 2.698 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015847.D
Acq: 30 Apr 2020 20:29

Instrument :
MSVOA_V
ClientSampleId :
ETKL4MS

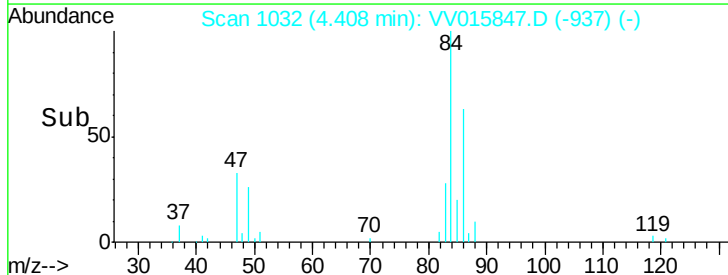
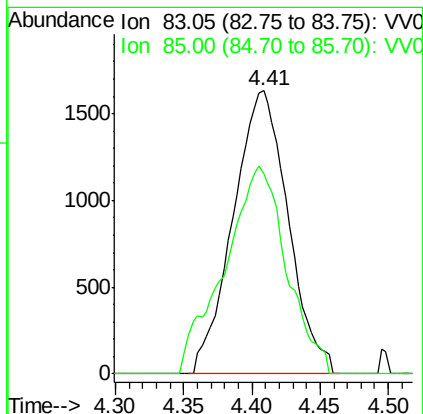
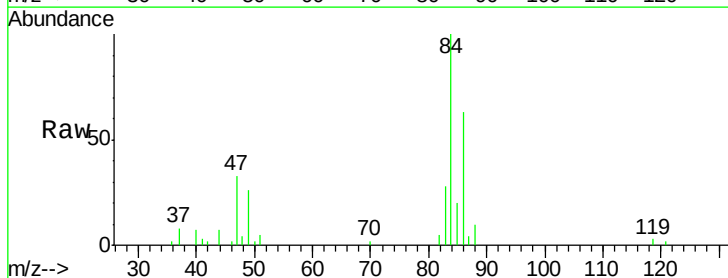
Tot Ion: 96 Resp: 22760
Ion Ratio Lower Upper
96 100
61 135.8 96.4 179.0
68 0.0 0.0 0.0

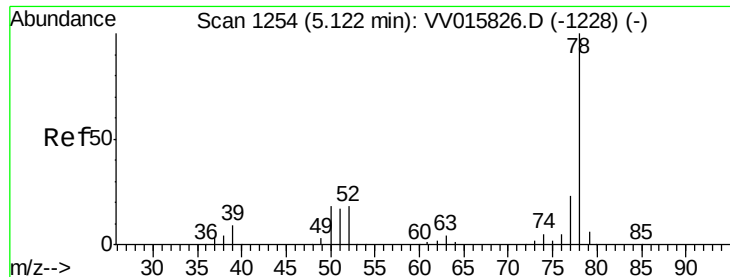


#25

Chloroform
Concen: 0.288 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015847.D
Acq: 30 Apr 2020 20:29

Tgt Ion: 83 Resp: 4575
Ion Ratio Lower Upper
83 100
85 70.9 46.1 85.5





#33

Benzene

Concen: 6.365 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV015847.D

Acq: 30 Apr 2020 20:29

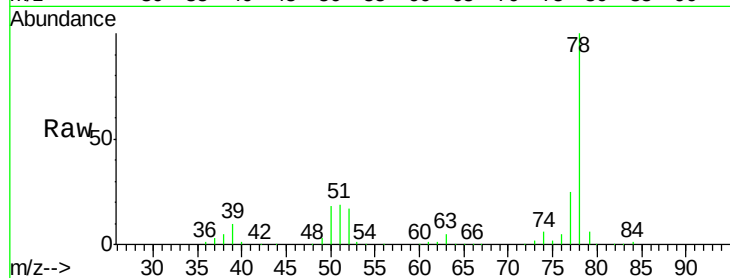
Instrument :

MSVOA_V

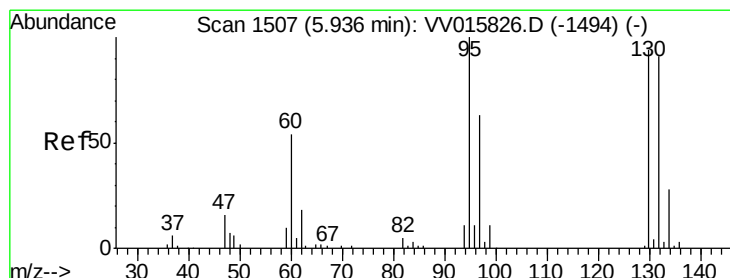
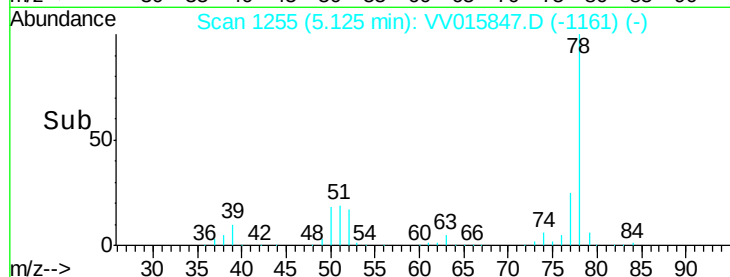
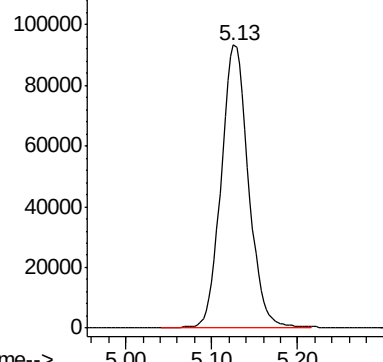
ClientSampleId :

ETKL4MS

Tgt Ion: 78 Resp: 206932



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.945 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015847.D

Acq: 30 Apr 2020 20:29

Tgt Ion: 95 Resp: 53384

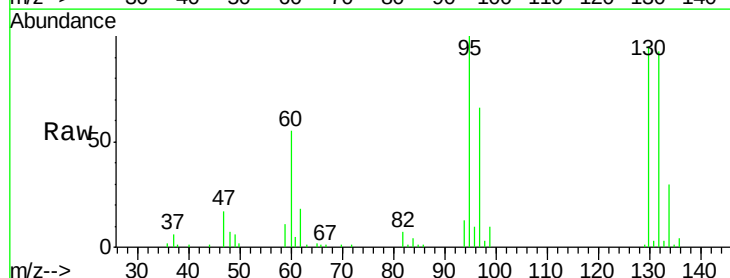
Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.7	82.9
132	93.3	65.2	121.0
130	94.6	65.0	120.6

Ion 95.00 (94.70 to 95.70): VV0

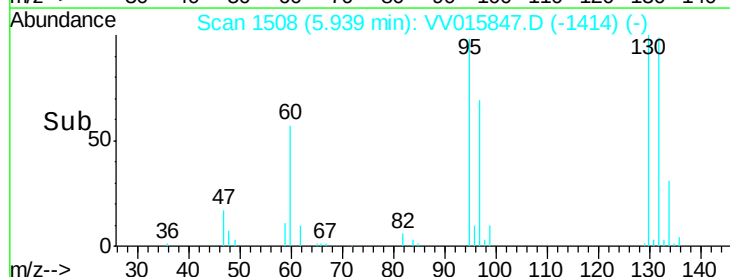
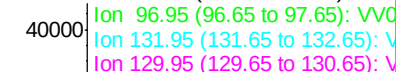
Ion 96.95 (96.65 to 97.65): VV0

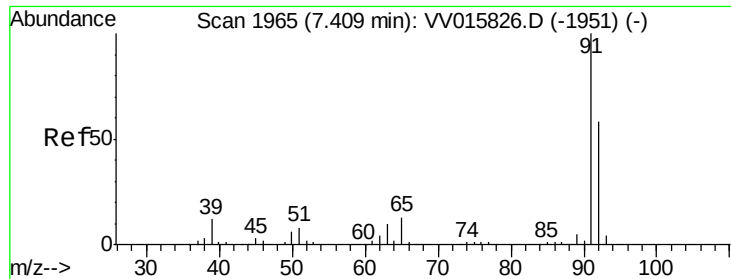
Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



Abundance Ion 95.00 (94.70 to 95.70): VV0





#42

Toluene

Concen: 6.289 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV015847.D

Acq: 30 Apr 2020 20:29

Instrument :

MSVOA_V

ClientSampleId :

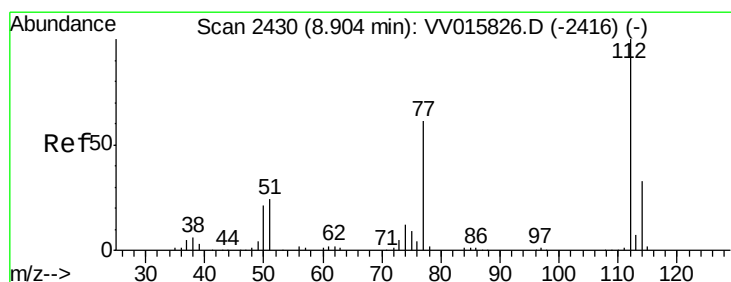
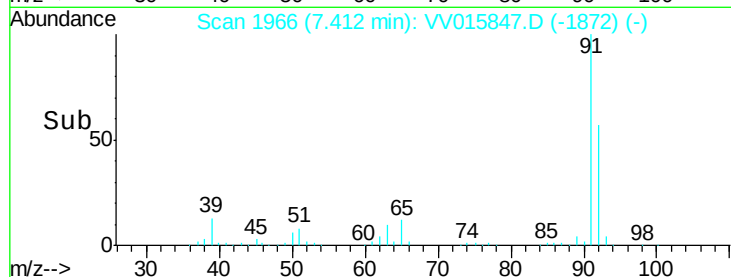
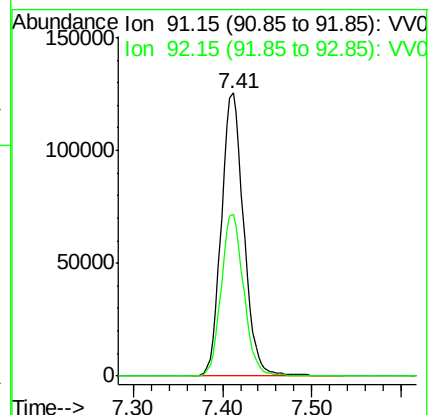
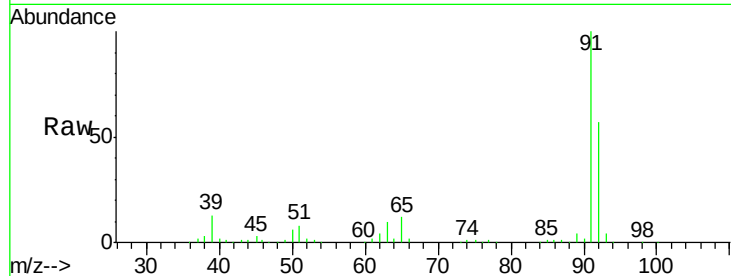
ETKL4MS

Tot Ion: 91 Resp: 218469

Ion Ratio Lower Upper

91 100

92 57.0 40.7 75.7



#51

Chlorobenzene

Concen: 6.157 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015847.D

Acq: 30 Apr 2020 20:29

Tgt Ion: 112 Resp: 140115

Ion Ratio Lower Upper

112 100

114 32.5 21.6 40.2

77 63.3 48.9 73.3

