

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015848.D
 Acq On : 30 Apr 2020 20:52
 Operator : SY/MD
 Sample : L2416-10MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKL4MSD

Quant Time: May 01 04:58:47 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	123498	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	117188	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33953	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	31608	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.12	63	76596	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.40%
20) 2-Butanone-d5	3.94	46	95692	46.18	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.36%
24) Chloroform-d	4.38	84	68266	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.06	65	40561	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.08	84	134441	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.10	67	42530	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.34	98	120427	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.65	79	14087	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.12	63	64061	38.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29018	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	43731	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

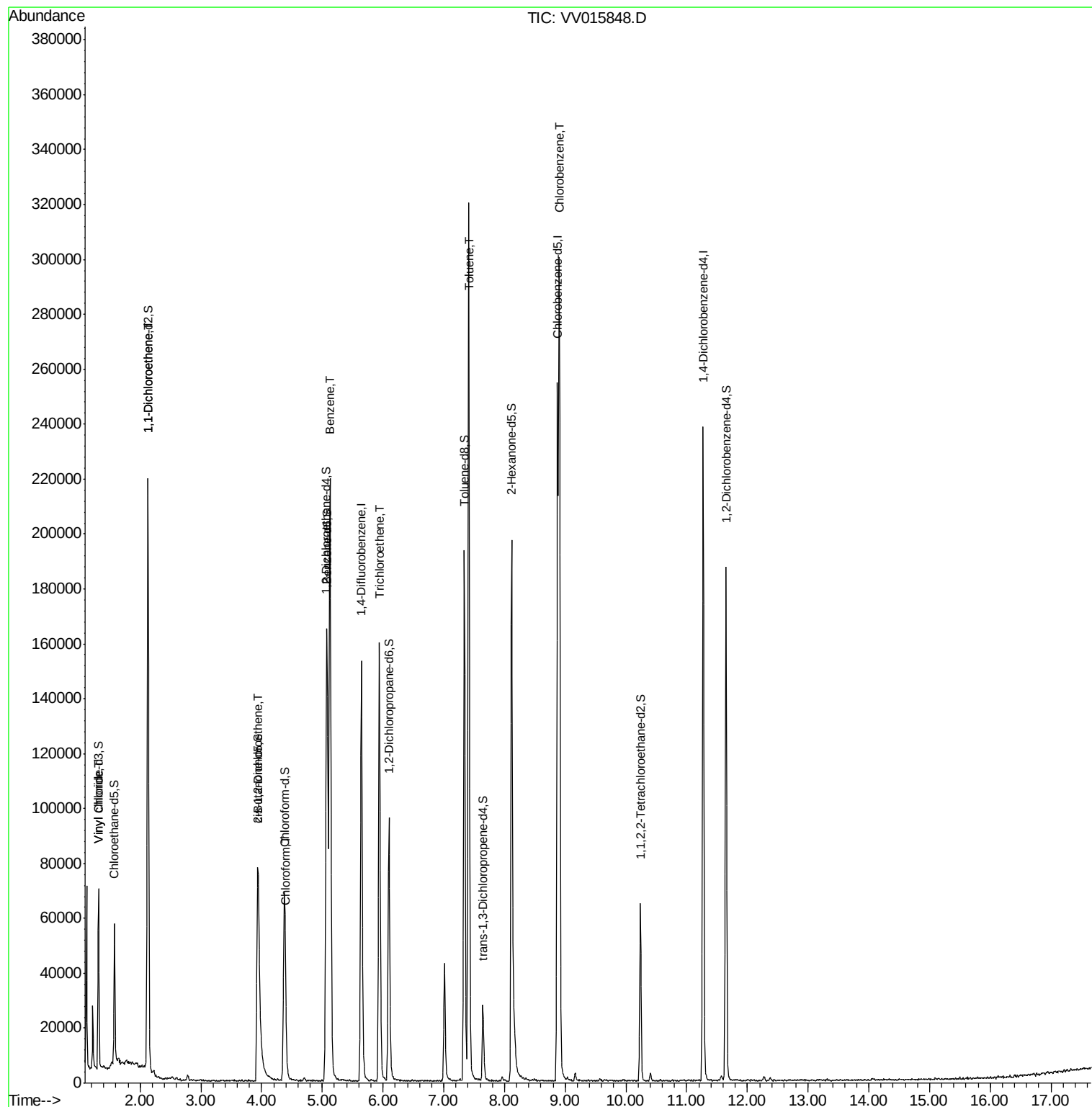
					Ovalue
5) Vinyl chloride	1.32	62	4137	0.423 ug/L	# 82
12) 1,1-Dichloroethene	2.13	96	44314	6.165 ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	21092	2.370 ug/L	96
25) Chloroform	4.40	83	3356	0.200 ug/L	100
33) Benzene	5.13	78	207861	6.208 ug/L	100
34) Trichloroethene	5.94	95	54815	5.928 ug/L	97
42) Toluene	7.41	91	219712	6.142 ug/L	99
51) Chlorobenzene	8.90	112	142764	6.092 ug/L	98

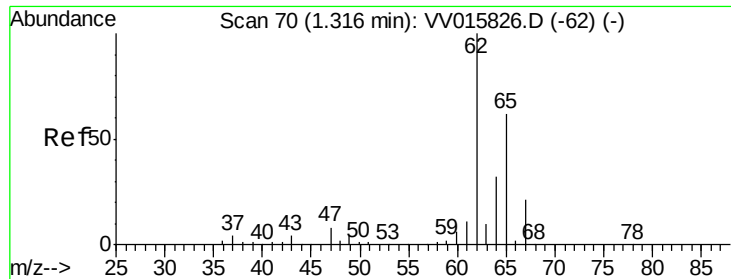
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.423 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015848.D

Acq: 30 Apr 2020 20:52

Instrument :

MSVOA_V

ClientSampled :

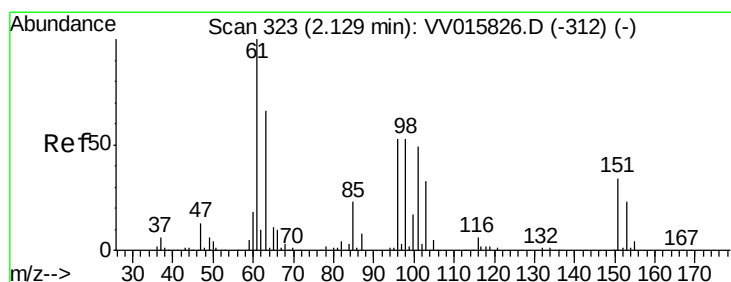
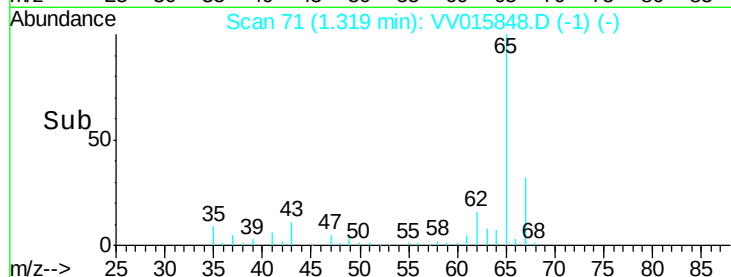
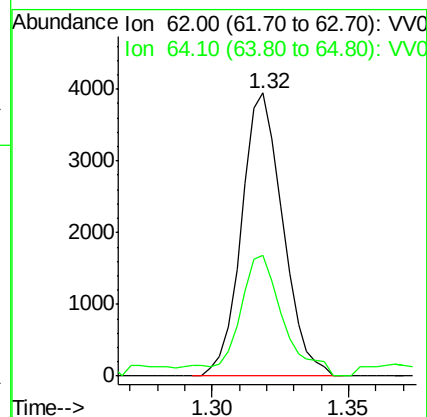
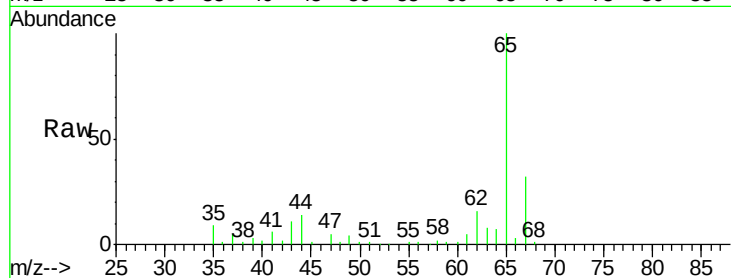
ETKL4MSD

Tot Ion: 62 Resp: 4137

Ion Ratio Lower Upper

62 100

64 42.7 22.7 42.1#



#12

1,1-Dichloroethene

Concen: 6.165 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015848.D

Acq: 30 Apr 2020 20:52

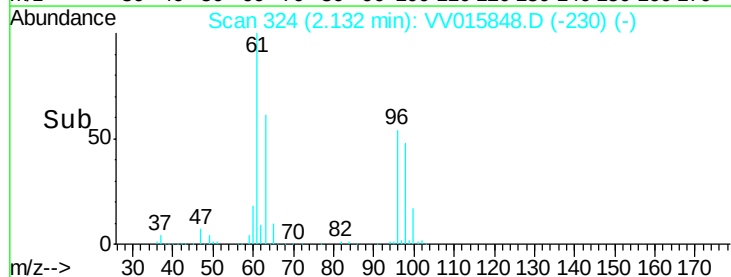
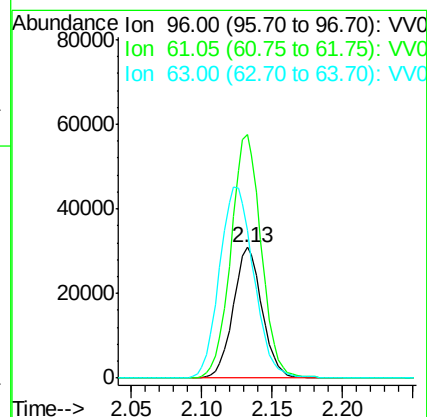
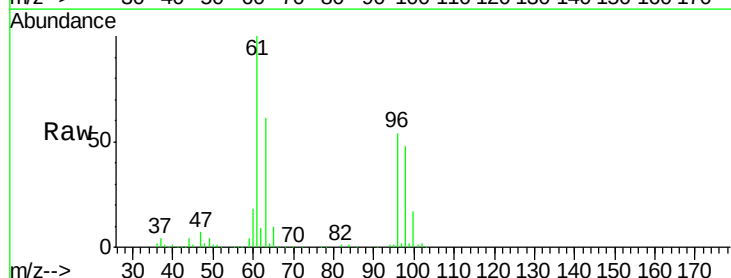
Tgt Ion: 96 Resp: 44314

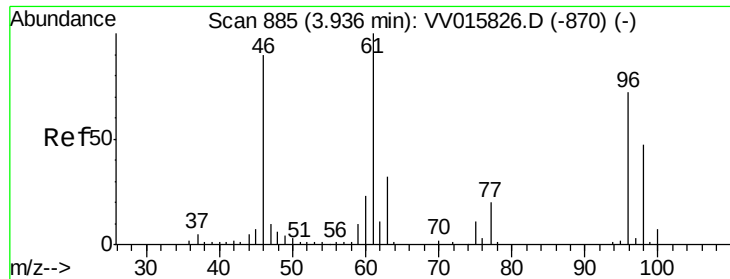
Ion Ratio Lower Upper

96 100

61 186.3 130.1 241.7

63 113.4 91.4 169.8



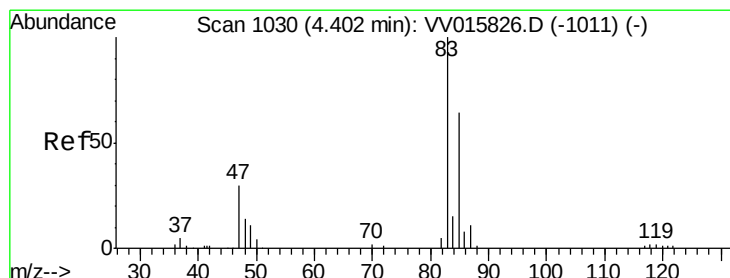
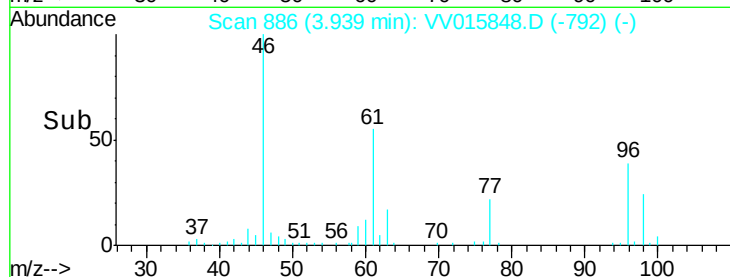
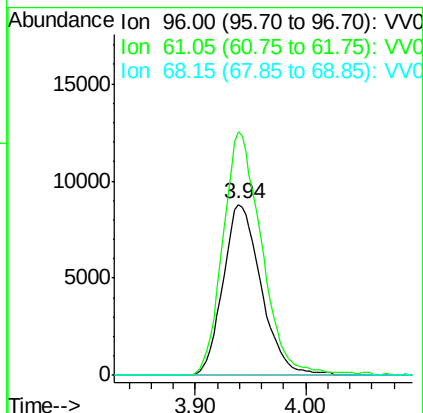
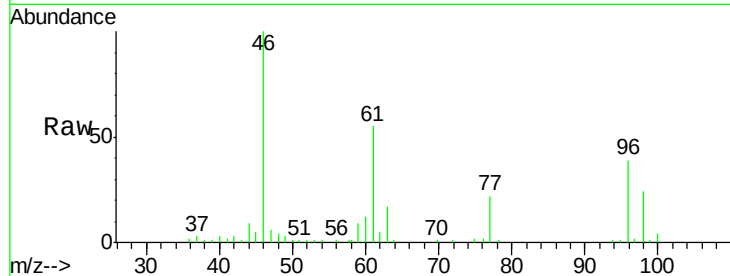


#22

cis-1,2-Dichloroethene
 Concen: 2.370 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV015848.D
 Acq: 30 Apr 2020 20:52

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKL4MSD

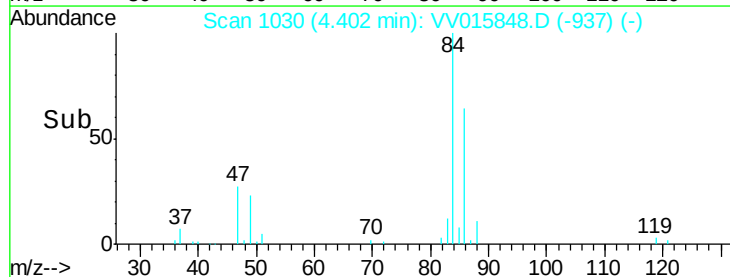
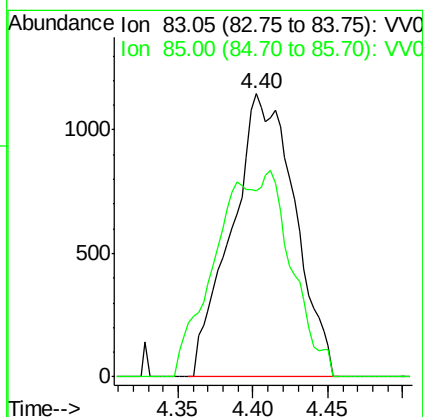
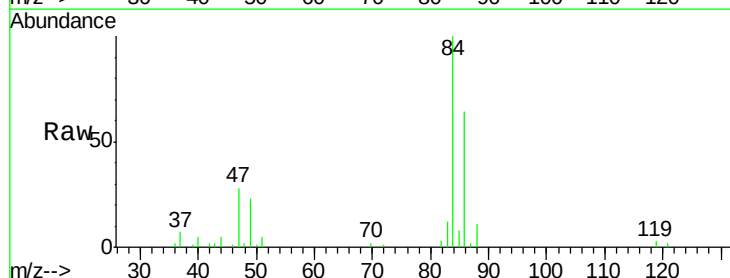
Tot Ion: 96 Resp: 21092
 Ion Ratio Lower Upper
 96 100
 61 142.5 96.4 179.0
 68 0.0 0.0 0.0

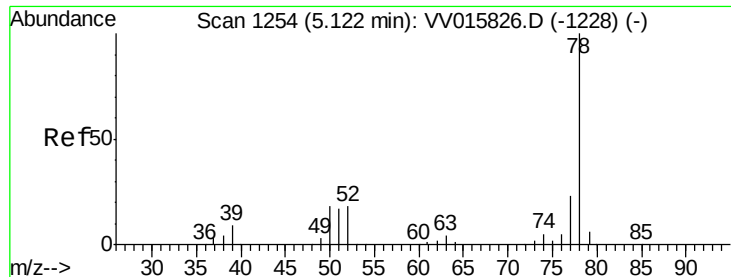


#25

Chloroform
 Concen: 0.200 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VV015848.D
 Acq: 30 Apr 2020 20:52

Tgt Ion: 83 Resp: 3356
 Ion Ratio Lower Upper
 83 100
 85 65.6 46.1 85.5





#33

Benzene

Concen: 6.208 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV015848.D

Acq: 30 Apr 2020 20:52

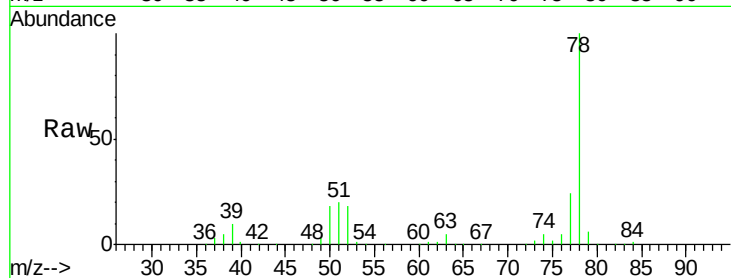
Instrument :

MSVOA_V

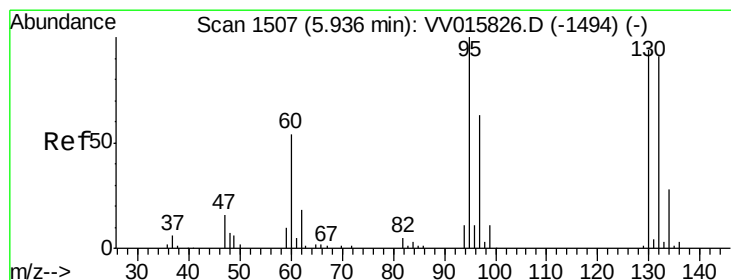
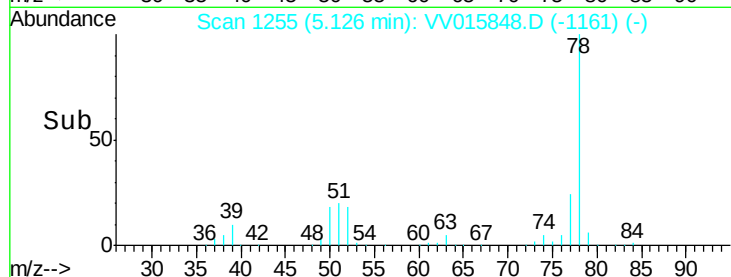
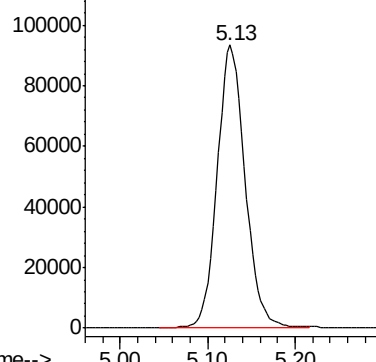
ClientSampleId :

ETKL4MSD

Tgt Ion: 78 Resp: 207861



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.928 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015848.D

Acq: 30 Apr 2020 20:52

Tgt Ion: 95 Resp: 54815

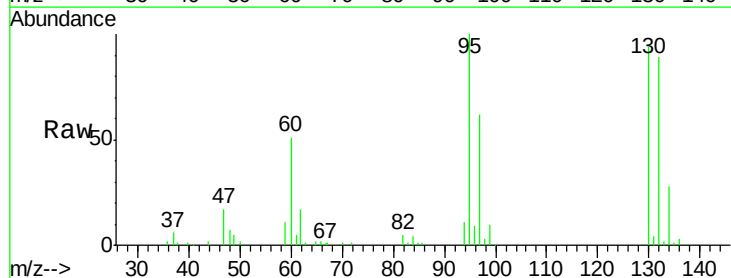
Ion	Ratio	Lower	Upper
95	100		
97	62.3	44.7	82.9
132	88.8	65.2	121.0
130	93.8	65.0	120.6

Ion 95.00 (94.70 to 95.70): VV0

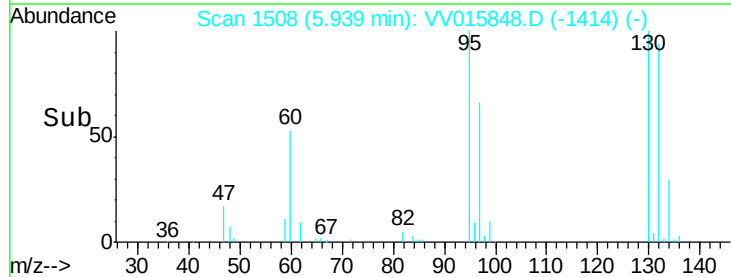
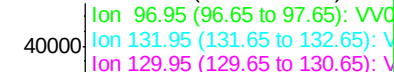
Ion 96.95 (96.65 to 97.65): VV0

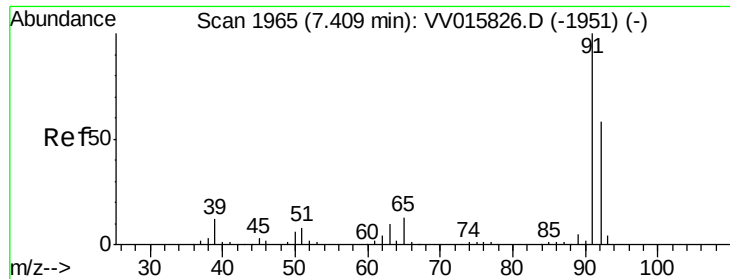
Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



Abundance Ion 95.00 (94.70 to 95.70): VV0





#42

Toluene

Concen: 6.142 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV015848.D

Acq: 30 Apr 2020 20:52

Instrument :

MSVOA_V

ClientSampleId :

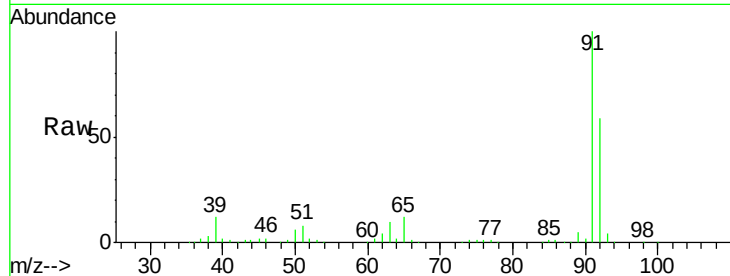
ETKL4MSD

Tot Ion: 91 Resp: 219712

Ion Ratio Lower Upper

91 100

92 58.7 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV015826.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV015826.D (-1951) (-)

7.41

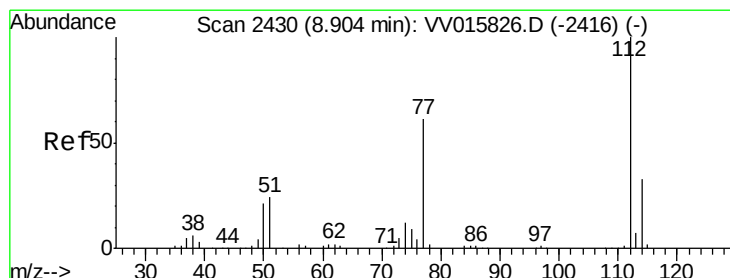
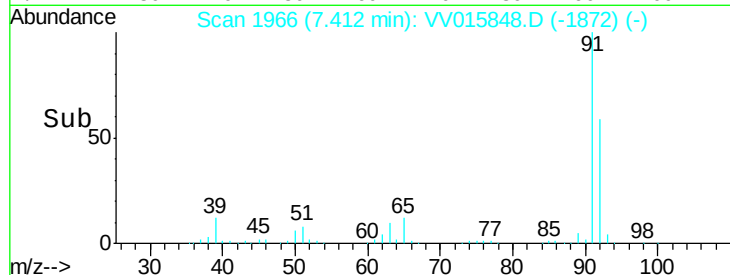
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 6.092 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015848.D

Acq: 30 Apr 2020 20:52

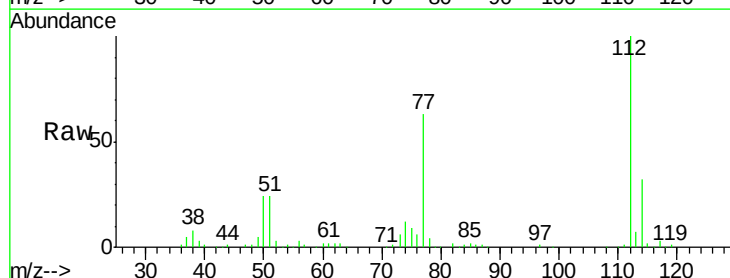
Tgt Ion: 112 Resp: 142764

Ion Ratio Lower Upper

112 100

114 31.6 21.6 40.2

77 62.6 48.9 73.3



Abundance Ion 112.10 (111.80 to 112.80): VV015826.D (-2416) (-)

Ion 114.05 (113.75 to 114.75): VV015826.D (-2416) (-)

Ion 77.10 (76.80 to 77.80): VV015826.D (-2416) (-)

8.90

120000

100000

80000

60000

40000

20000

0

Time-->

