

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015185.D
 Acq On : 26 Mar 2020 23:25
 Operator : SY/MD
 Sample : L1976-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTH9

Quant Time: Mar 27 05:59:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	527545	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	504421	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	210577	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	144609	51.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.18%
7) Chloroethane-d5	1.58	69	146159	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.44%
11) 1,1-Dichloroethene-d2	2.12	63	231427	35.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.72%
21) 2-Butanone-d5	3.93	46	240386	85.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.30%
24) Chloroform-d	4.38	84	301001	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
26) 1,2-Dichloroethane-d4	5.06	65	209471	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
32) Benzene-d6	5.08	84	580325	55.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.86%
36) 1,2-Dichloropropane-d6	6.09	67	196729	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.14%
41) Toluene-d8	7.34	98	525557	55.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.80%
43) trans-1,3-Dichloropropene-	7.64	79	70216	34.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.90%
47) 2-Hexanone-d5	8.11	63	191556	87.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	302288	47.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	196200	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

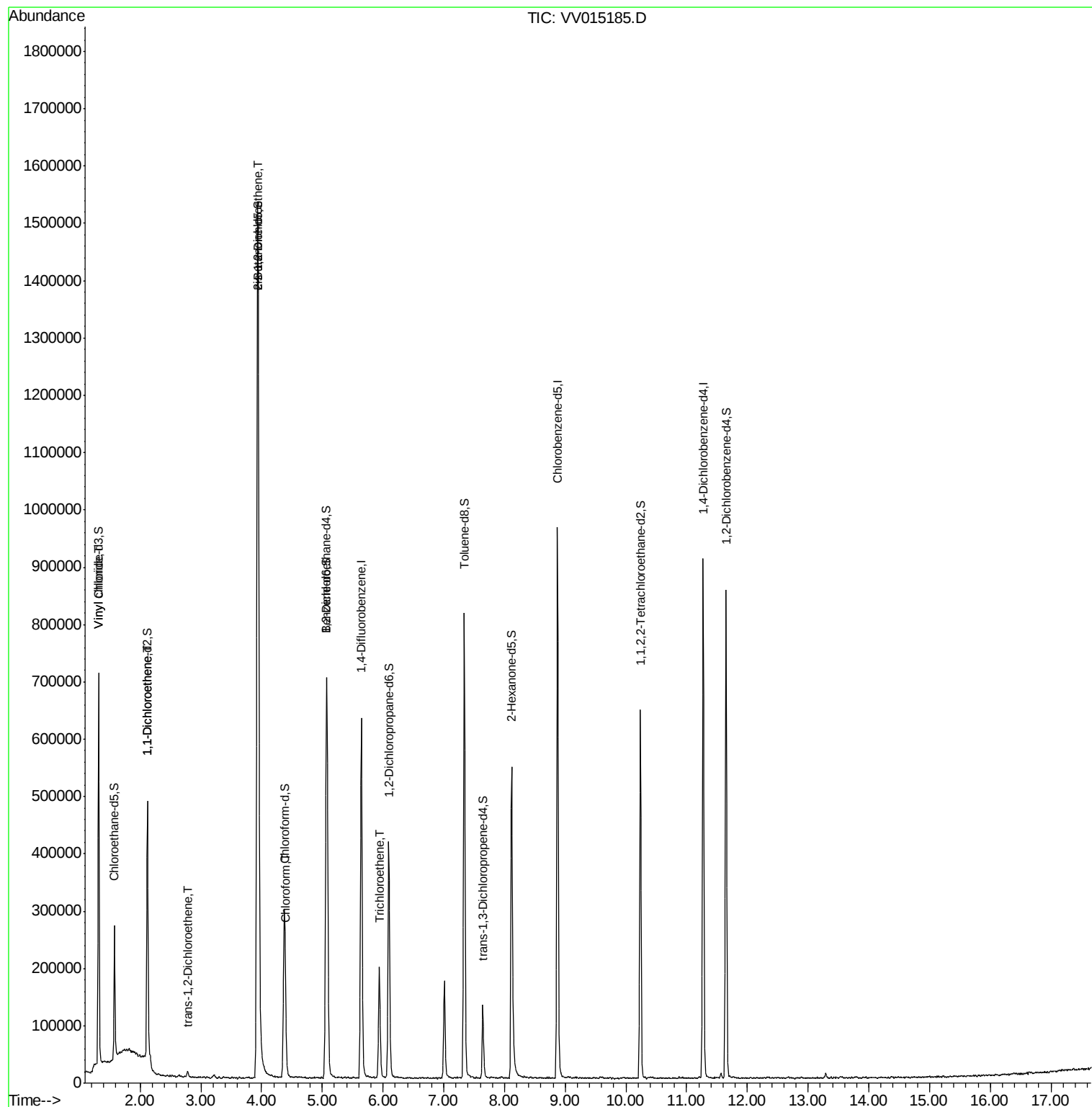
					Ovalue
5) Vinyl chloride	1.32	62	291063	56.210	ug/L 100
12) 1,1-Dichloroethene	2.13	96	10007	2.352	ug/L # 1
17) trans-1,2-Dichloroethene	2.78	96	3755	1.015	ug/L 91
20) cis-1,2-Dichloroethene	3.94	96	795542	193.141	ug/L # 98
25) Chloroform	4.40	83	9664	1.373	ug/L 87
34) Trichloroethene	5.94	95	68129	17.415	ug/L 96

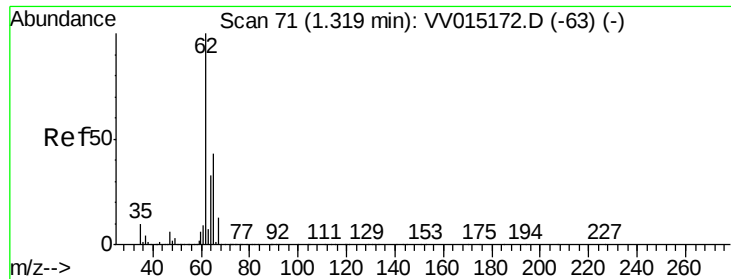
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 27 03:08:32 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 56.210 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV015185.D

Acq: 26 Mar 2020 23:25

Instrument :

MSVOA_V

ClientSampleId :

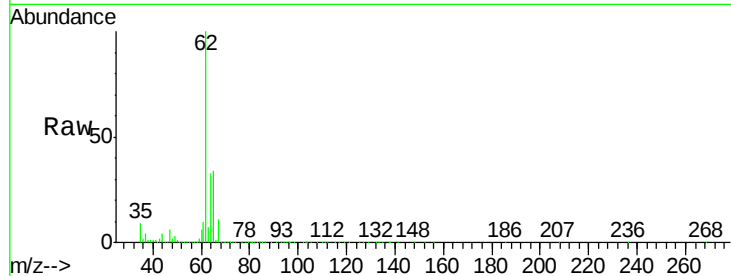
ETTH9

Tot Ion: 62 Resp: 291063

Ion Ratio Lower Upper

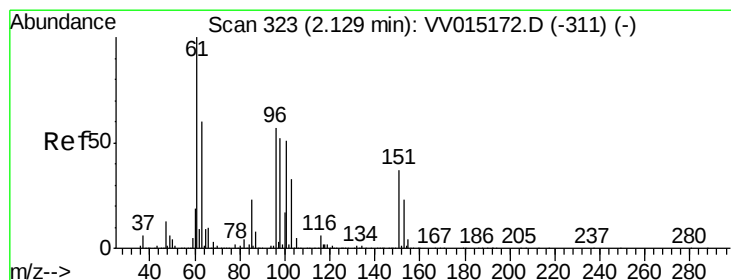
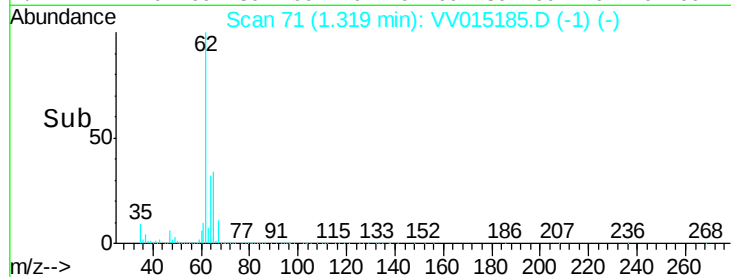
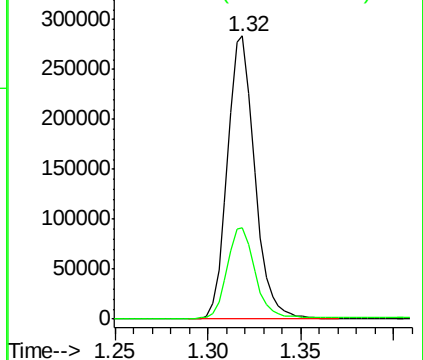
62 100

64 32.5 22.8 42.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 2.352 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV015185.D

Acq: 26 Mar 2020 23:25

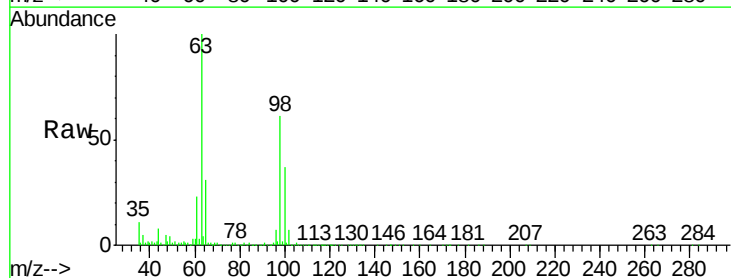
Tgt Ion: 96 Resp: 10007

Ion Ratio Lower Upper

96 100

61 309.6 122.3 227.1#

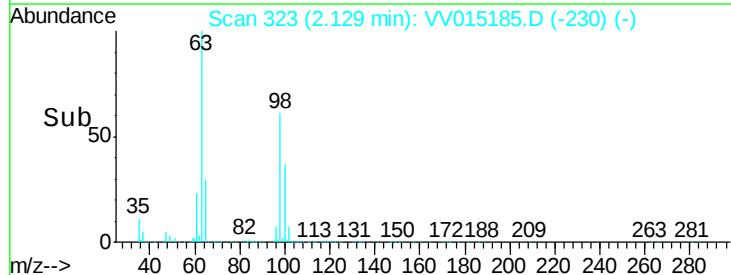
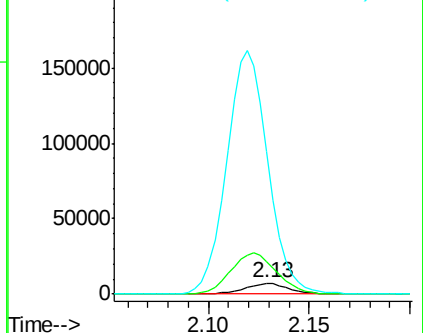
63 1342.2 67.9 126.1#

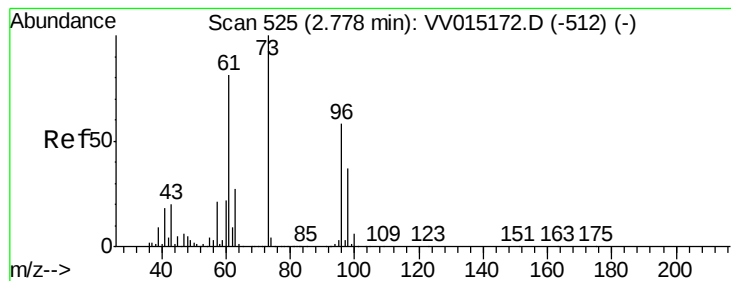


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 1.015 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV015185.D

Acq: 26 Mar 2020 23:25

Instrument :

MSVOA_V

ClientSampled :

ETTH9

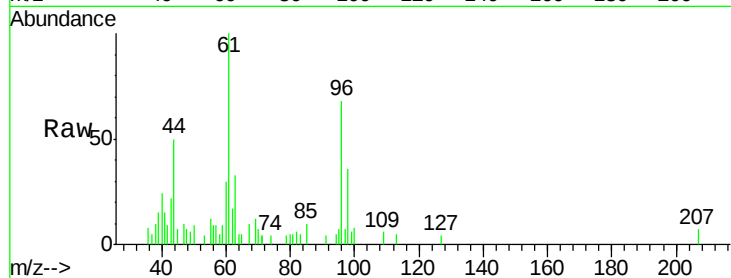
Tot Ion: 96 Resp: 3755

Ion Ratio Lower Upper

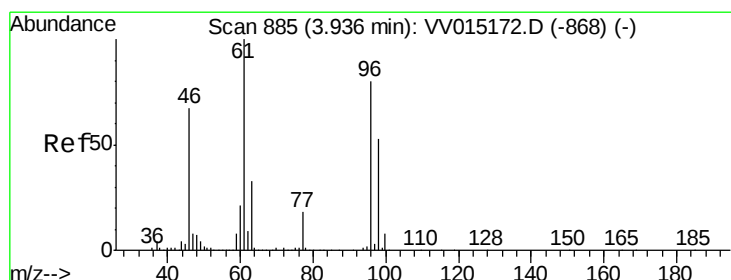
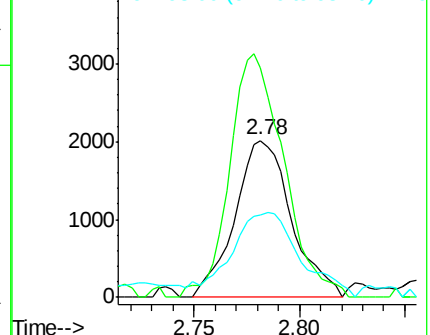
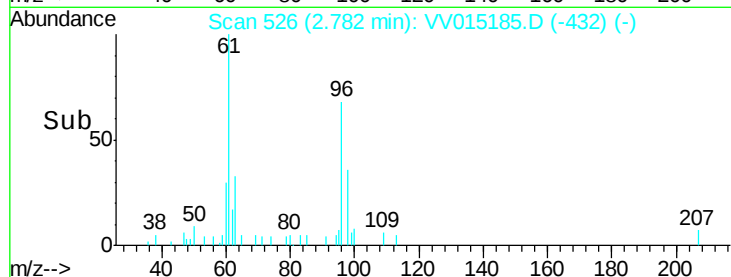
96 100

61 146.2 96.4 179.0

98 52.9 43.8 81.4



Abundance Ion 96.00 (95.70 to 96.70): VV015185.D (-432) (-)



#20

cis-1,2-Dichloroethene

Concen: 193.141 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV015185.D

Acq: 26 Mar 2020 23:25

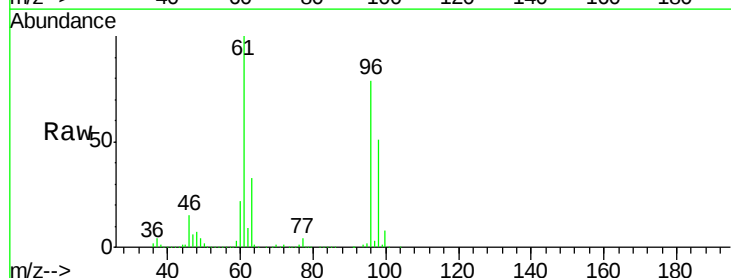
Tgt Ion: 96 Resp: 795542

Ion Ratio Lower Upper

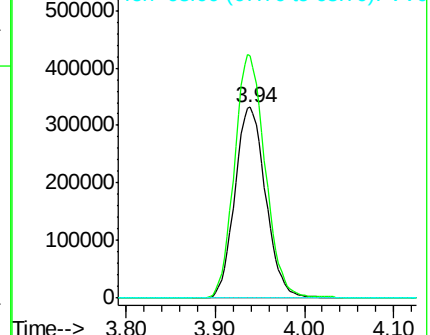
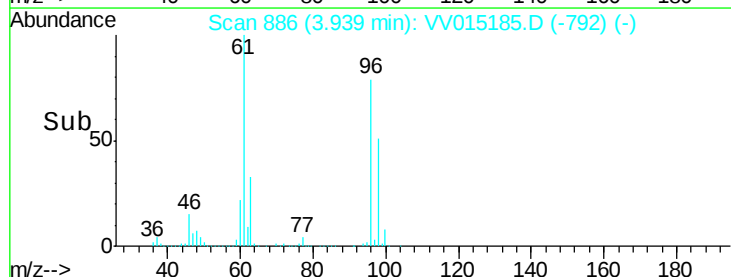
96 100

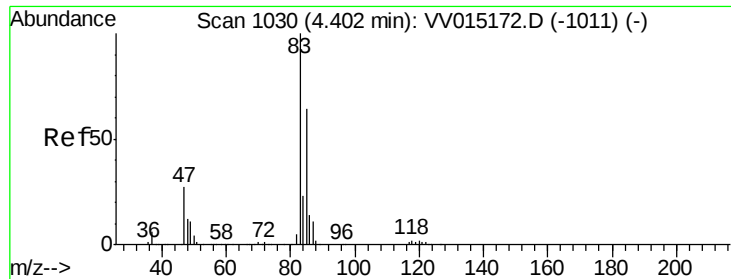
61 126.6 90.2 167.4

68 0.0 0.1 0.3#



Abundance Ion 96.00 (95.70 to 96.70): VV015185.D (-792) (-)

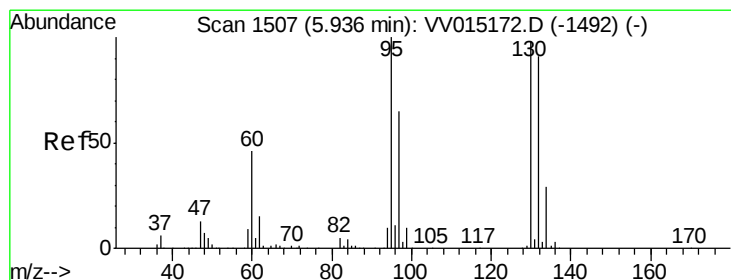
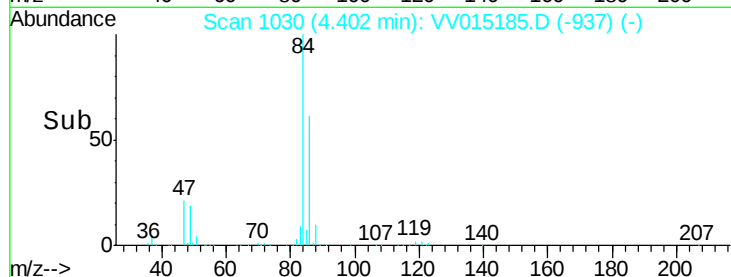
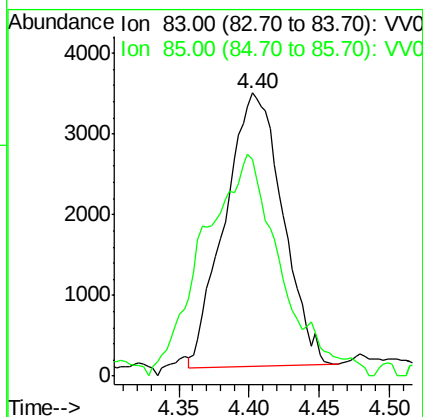
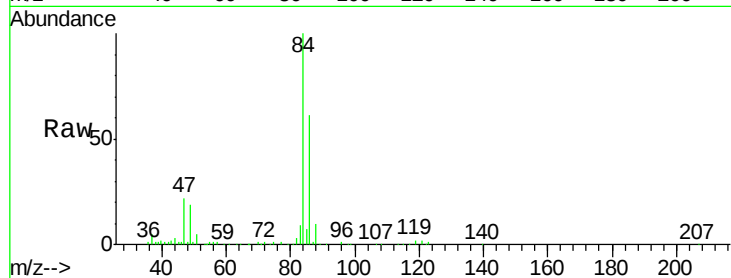




#25
Chloroform
Concen: 1.373 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015185.D
Acq: 26 Mar 2020 23:25

Instrument :
MSVOA_V
ClientSampleId :
ETTH9

Tot Ion: 83 Resp: 9664
Ion Ratio Lower Upper
83 100
85 76.5 46.2 85.8



#34
Trichloroethene
Concen: 17.415 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015185.D
Acq: 26 Mar 2020 23:25

Tgt Ion: 95 Resp: 68129
Ion Ratio Lower Upper
95 100
97 60.6 44.8 83.2
132 89.6 63.2 117.4
130 89.0 66.8 124.0

