

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 :

Quant Time: Mar 27 03:40:50 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

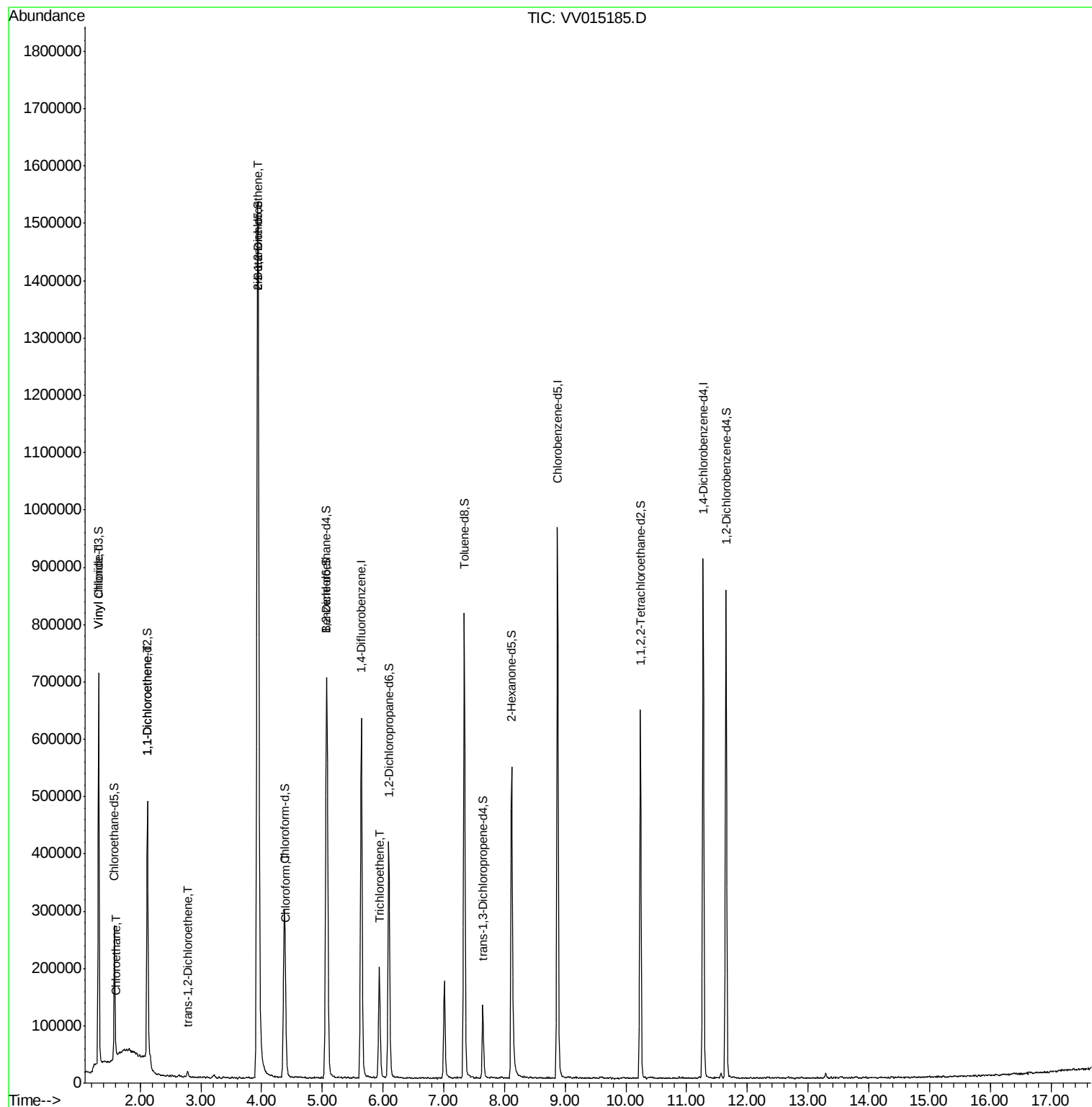
					Ovalue
5) Vinyl chloride	1.32	62	291063	56.210 ug/L	100
8) Chloroethane	1.60	64	14507	4.285 ug/L #	56
12) 1,1-Dichloroethene	2.13	96	10007	2.352 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	3755	1.015 ug/L	91
20) cis-1,2-Dichloroethene	3.94	96	795542	193.141 ug/L #	98
25) Chloroform	4.40	83	9664	1.373 ug/L	87
34) Trichloroethene	5.94	95	68129	17.415 ug/L	96

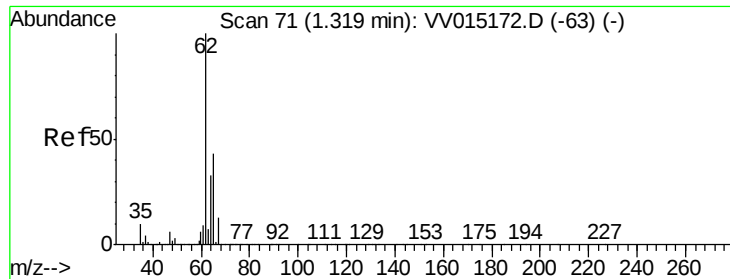
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

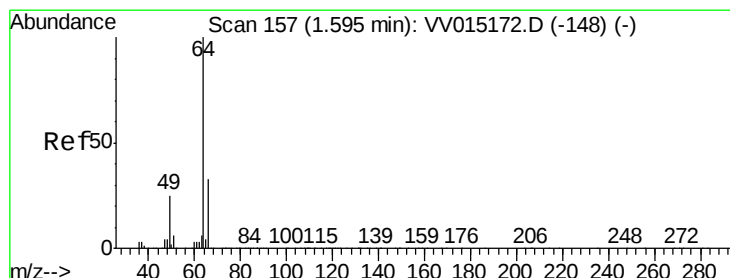
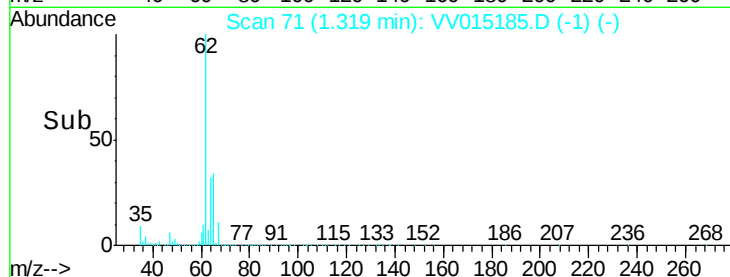
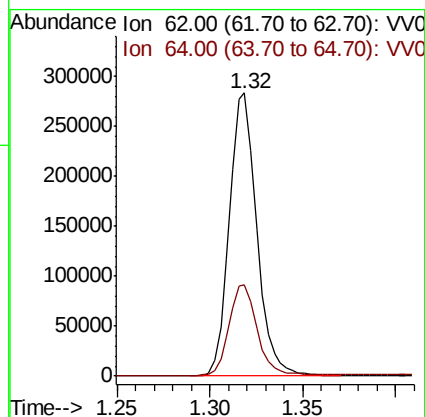
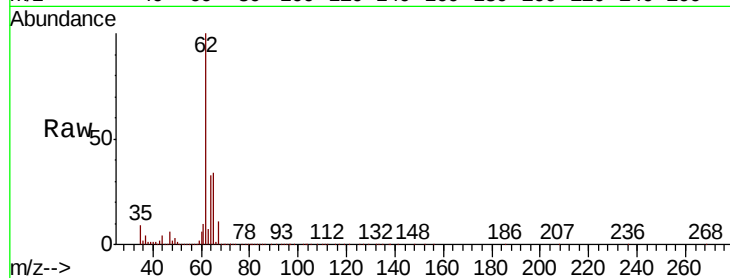
ClientSampleId :

Tot Ion: 62 Resp: 291063

Ion Ratio Lower Upper

62 100

64 32.5 22.8 42.4



#8

Chloroethane

Concen: 4.285 ug/L

RT: 1.60 min Scan# 160

Delta R.T. 0.01 min

Lab File: VV015185.D

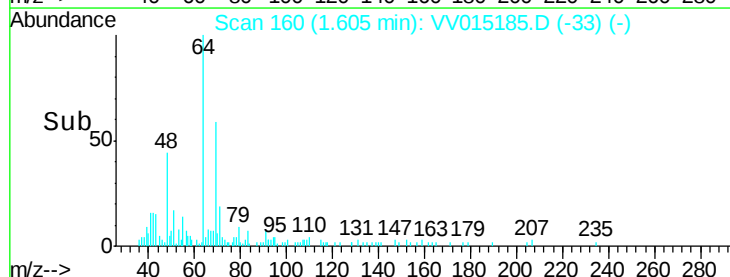
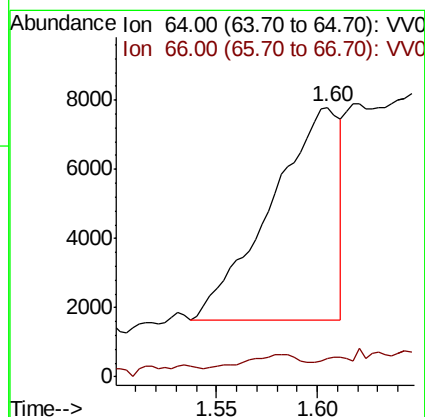
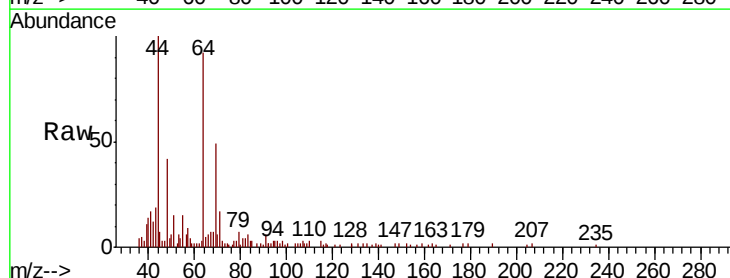
Acq: 26 Mar 2020 23:25

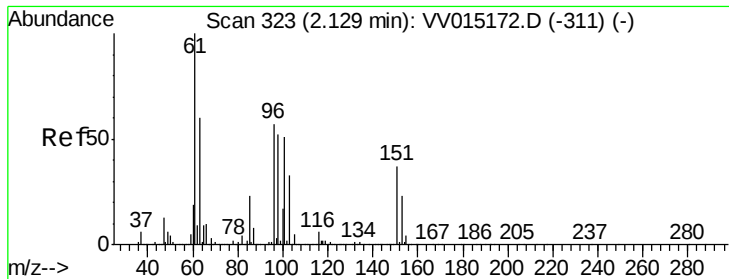
Tgt Ion: 64 Resp: 14507

Ion Ratio Lower Upper

64 100

66 6.7 21.6 40.2#





#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

Instrument :

MSVOA_V

ClientSampleId :

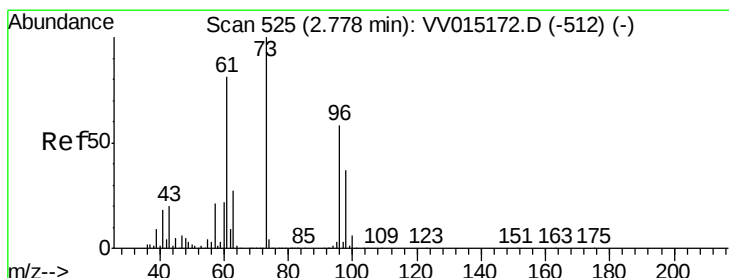
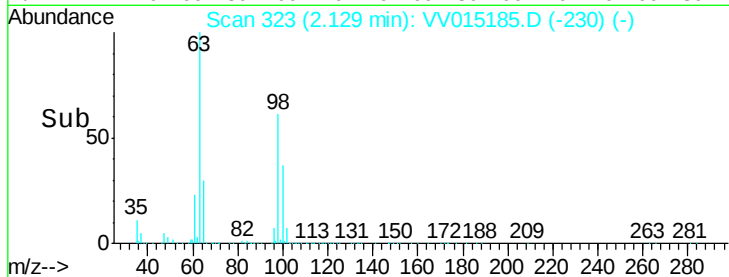
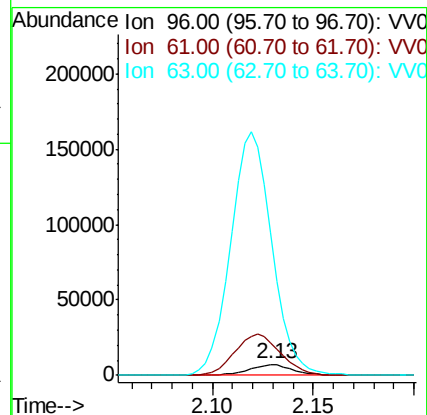
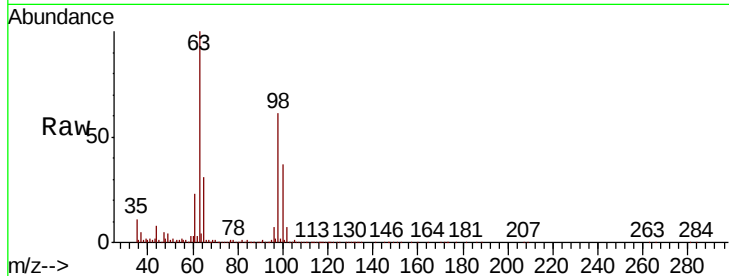
Tot Ion: 96 Resp: 10007

Ion Ratio Lower Upper

96 100

61 309.6 122.3 227.1#

63 1342.2 67.9 126.1#



#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

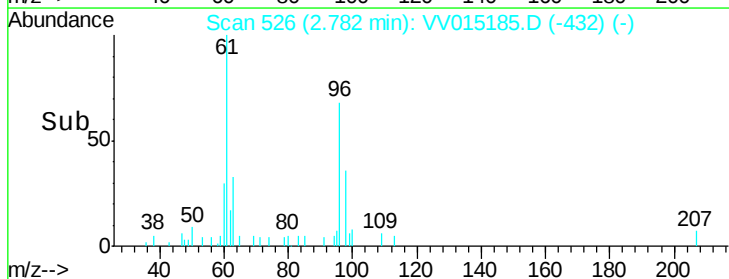
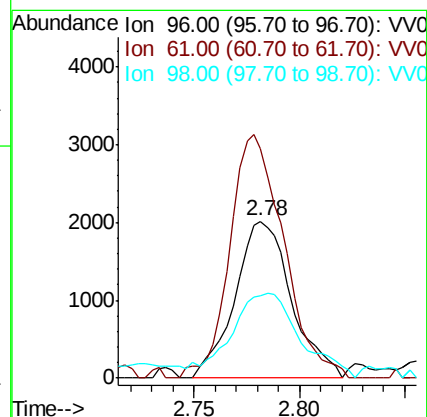
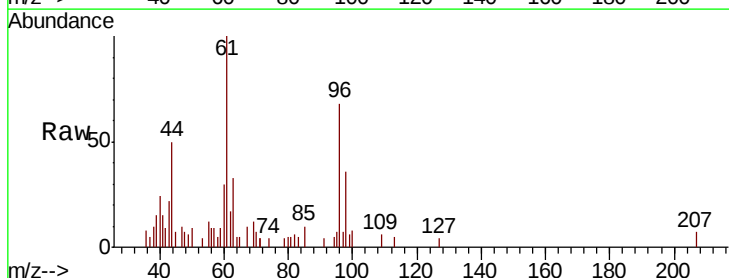
Tgt Ion: 96 Resp: 3755

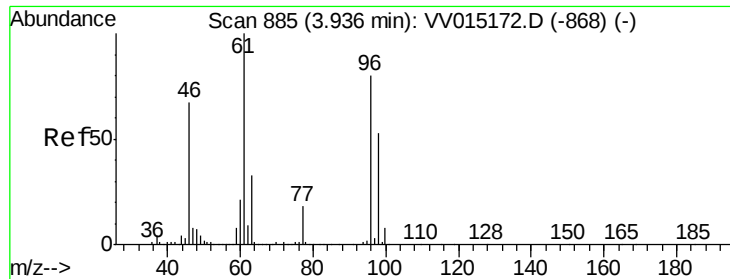
Ion Ratio Lower Upper

96 100

61 146.2 96.4 179.0

98 52.9 43.8 81.4

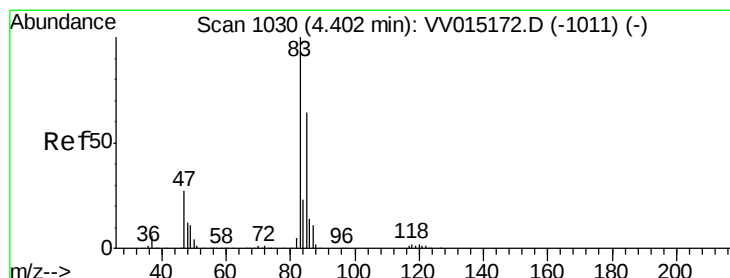
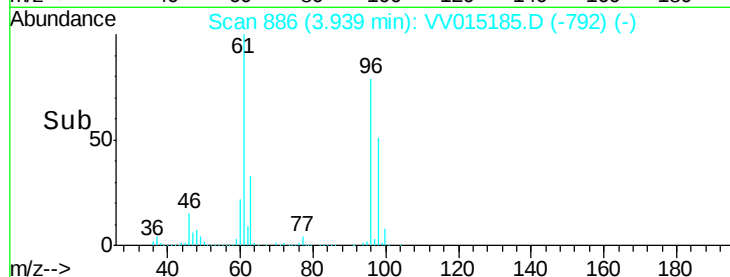
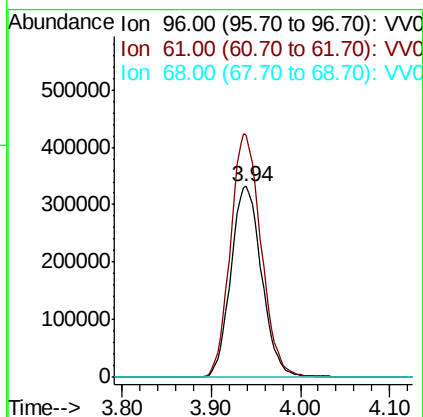
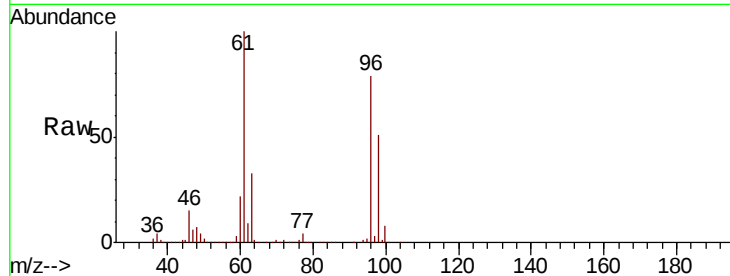




#20
 cis-1,2-Dichloroethene
 Concen: 193.141 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV015185.D
 Acq: 26 Mar 2020 23:25

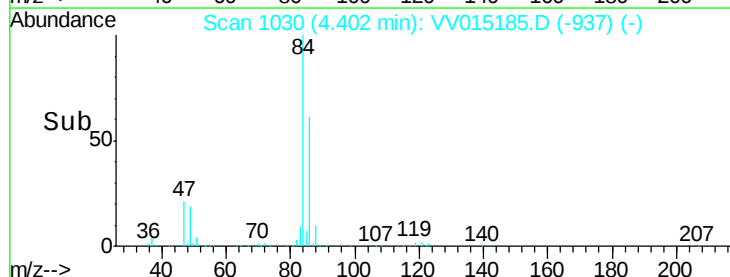
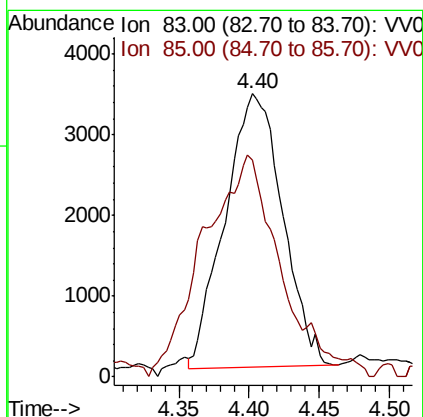
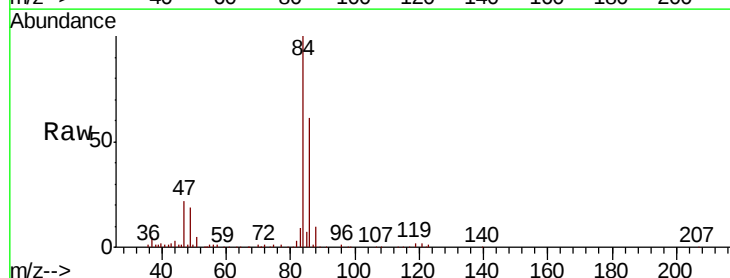
Instrument :
 MSVOA_V
 ClientSampled :

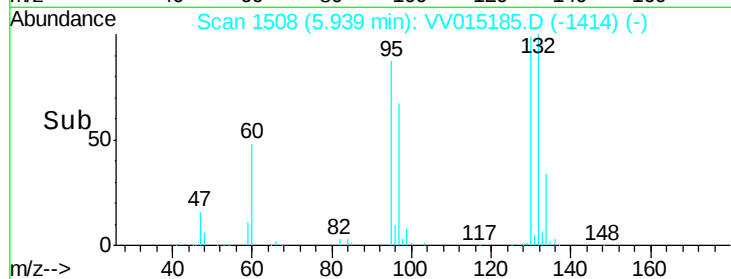
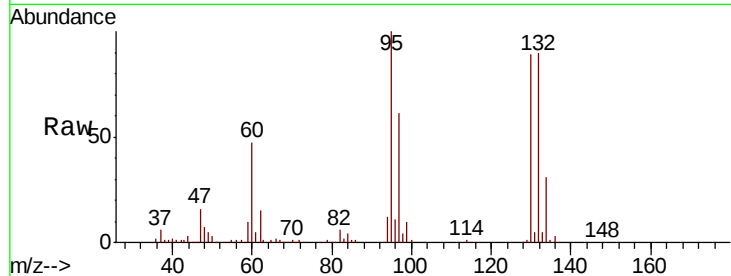
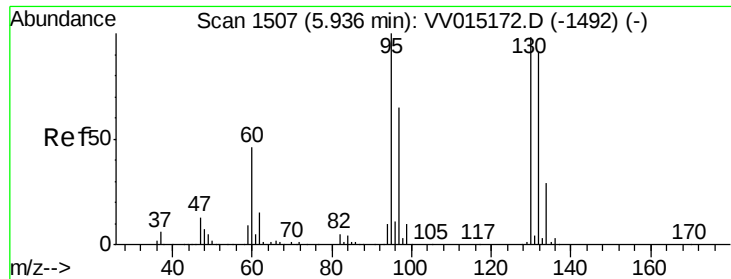
Tot Ion: 96 Resp: 795542
 Ion Ratio Lower Upper
 96 100
 61 126.6 90.2 167.4
 68 0.0 0.1 0.3#



#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

Tgt 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

Instrument :
MSVOA_V
ClientSampleId :

Tot 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

