

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122019\
 Data File : VV014147.D
 Acq On : 20 Dec 2019 11:33
 Operator : SY/MD
 Sample : K6286-13DL 2X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDY9DL

Quant Time: Dec 23 14:34:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 21 02:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	377530	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	373703	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	155613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123347	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	109676	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.13	63	163681	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	3.92	46	252731	52.03	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.06%
24) Chloroform-d	4.40	84	231302	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	114428	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.10	84	444618	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.11	67	137643	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	348731	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	7.66	79	44325	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.13	63	164981	39.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96673	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	133209	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

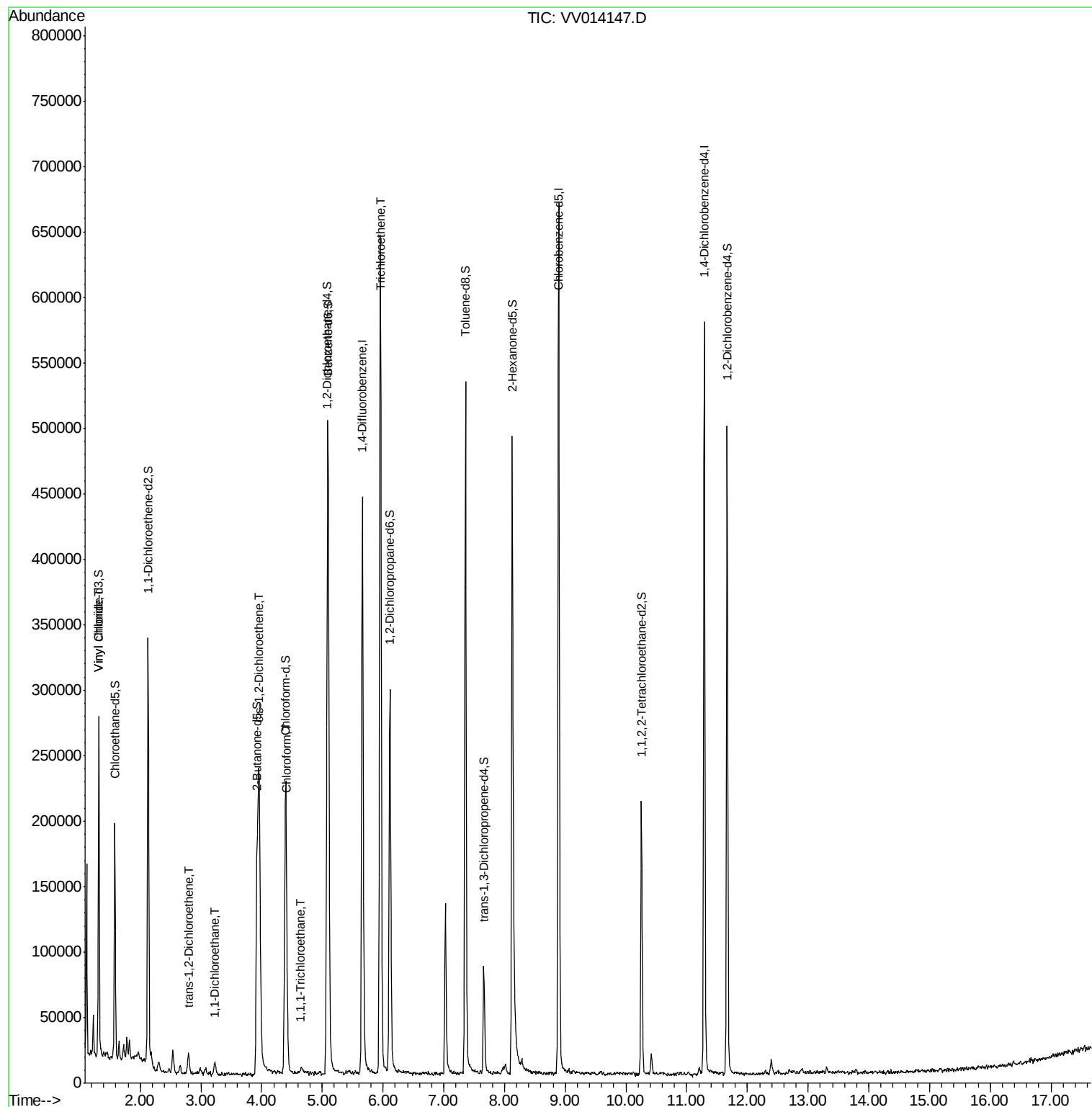
					Ovalue
5) Vinyl chloride	1.32	62	3253	0.144 ug/L #	26
18) trans-1,2-Dichloroethene	2.79	96	5040	0.246 ug/L	97
19) 1,1-Dichloroethane	3.23	63	9377	0.229 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	112726	4.690 ug/L #	97
25) Chloroform	4.42	83	6311	0.145 ug/L	82
29) 1,1,1-Trichloroethane	4.65	97	3783	0.099 ug/L #	73
34) Trichloroethene	5.95	95	219061	8.663 ug/L	98

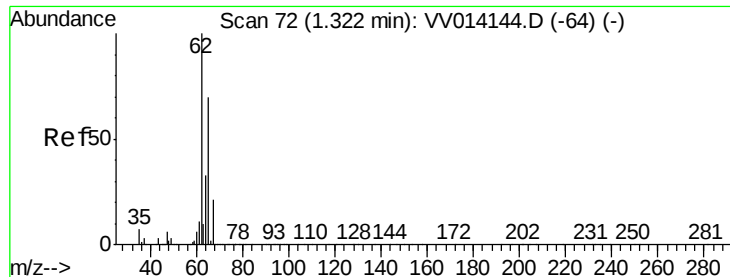
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 21 02:31:50 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.144 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV014147.D

Acq: 20 Dec 2019 11:33

Instrument :

MSVOA_V

ClientSampleID :

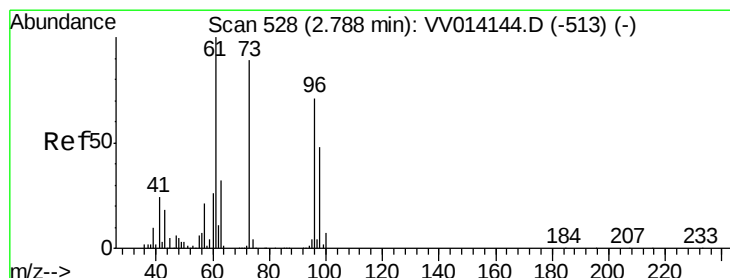
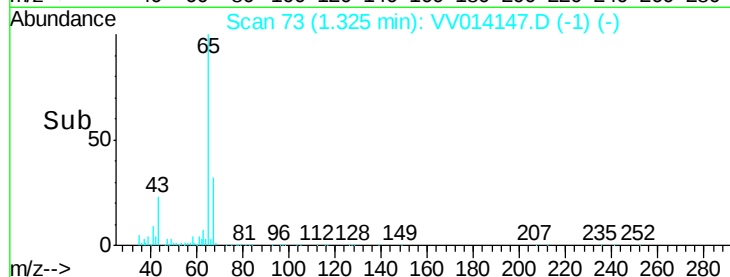
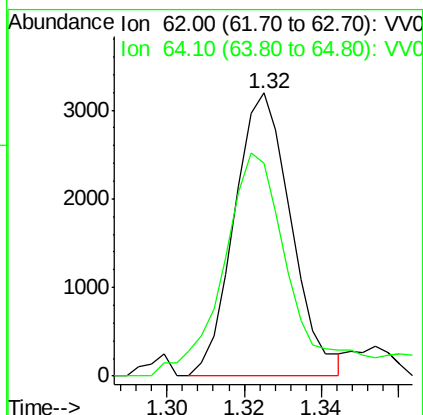
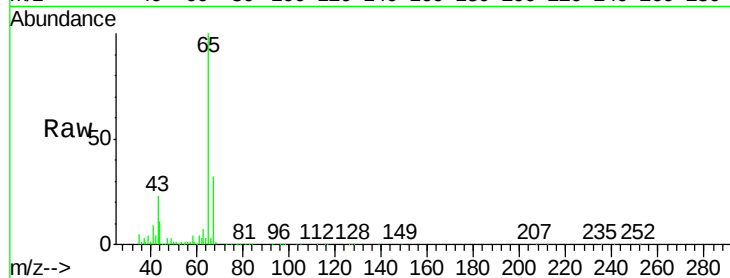
BFDY9DL

Tot Ion: 62 Resp: 3253

Ion Ratio Lower Upper

62 100

64 75.3 23.3 43.3#



#18

trans-1,2-Dichloroethene

Concen: 0.246 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV014147.D

Acq: 20 Dec 2019 11:33

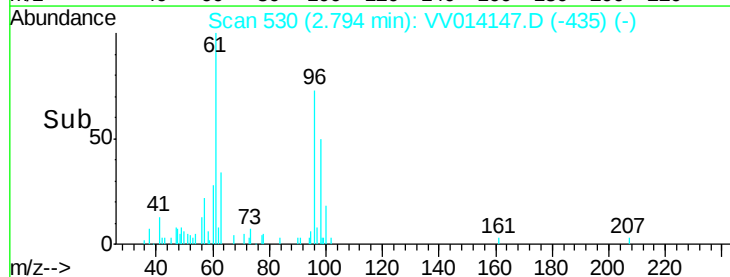
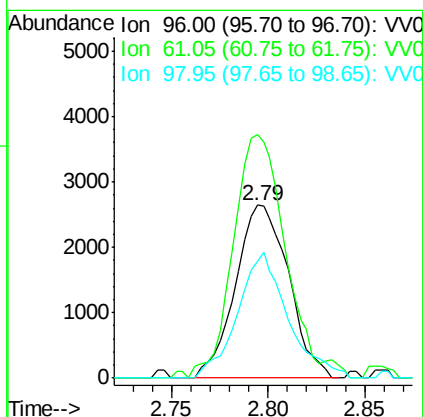
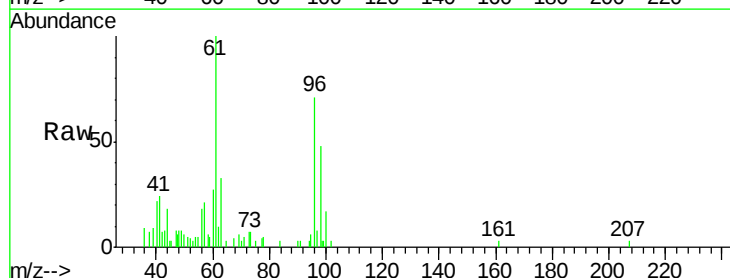
Tgt Ion: 96 Resp: 5040

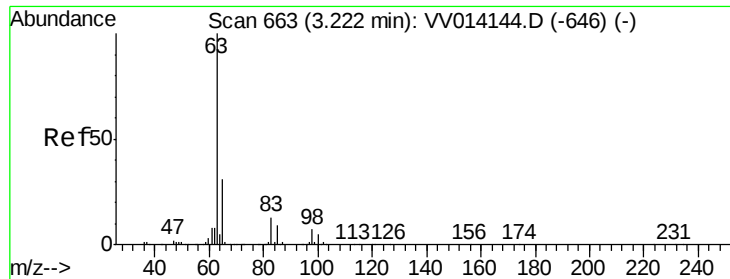
Ion Ratio Lower Upper

96 100

61 140.7 95.1 176.7

98 67.7 46.5 86.3

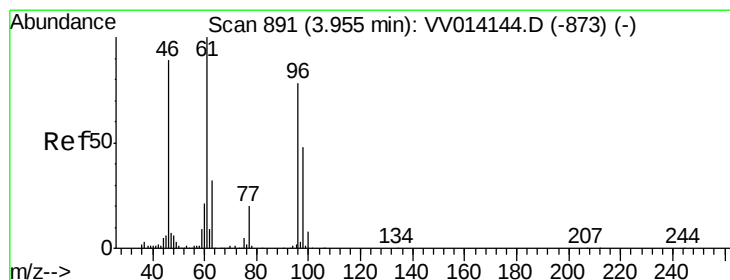
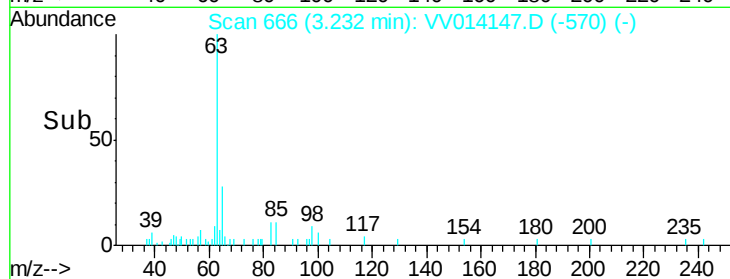
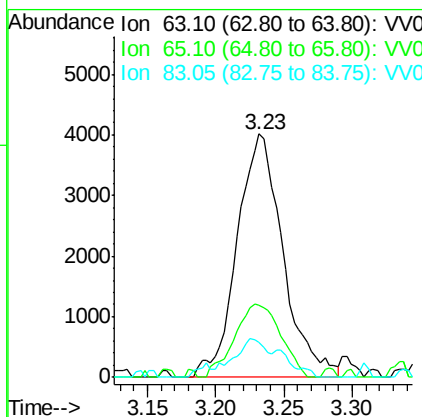
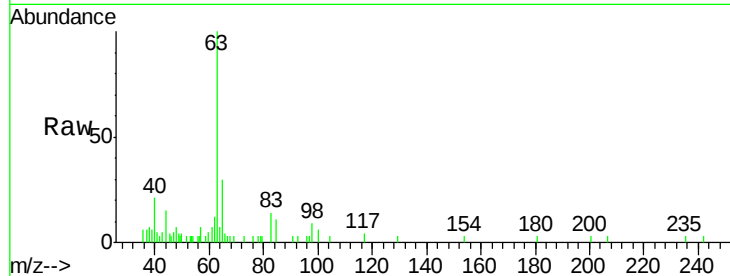




#19
 1,1-Dichloroethane
 Concen: 0.229 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VV014147.D
 Acq: 20 Dec 2019 11:33

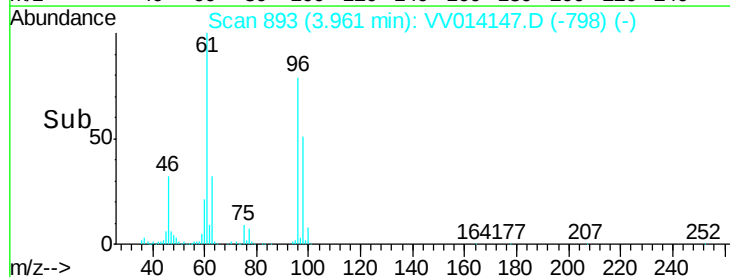
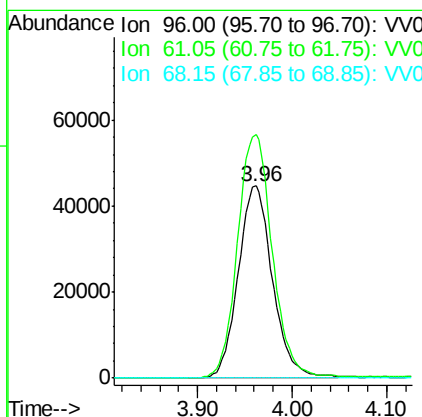
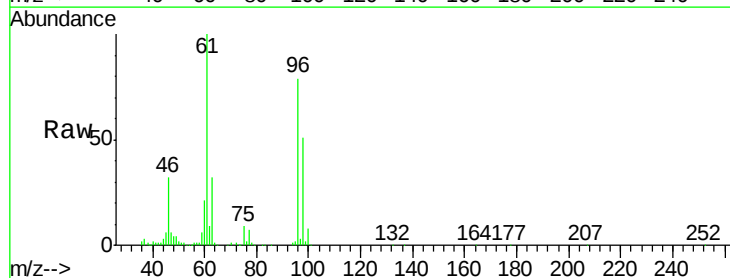
Instrument :
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 BFDY9DL

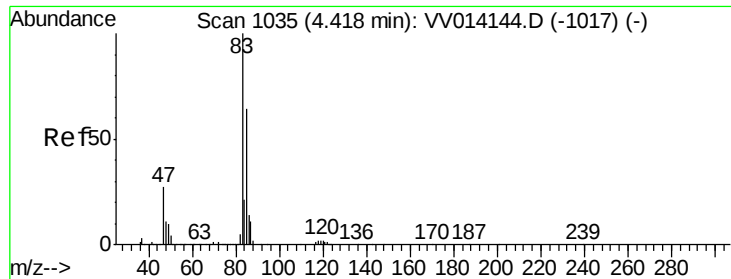
Tot Ion	63	Resp	9377
Ion	Ratio	Lower	Upper
63	100		
65	29.7	22.7	42.1
83	14.5	9.2	17.2



#22
 cis-1,2-Dichloroethene
 Concen: 4.690 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV014147.D
 Acq: 20 Dec 2019 11:33

Tgt Ion	96	Resp	112726
Ion	Ratio	Lower	Upper
96	100		
61	126.6	86.1	159.9
68	0.3	0.0	0.0#





#25

Chloroform

Concen: 0.145 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VV014147.D

Acq: 20 Dec 2019 11:33

Instrument :

MSVOA_V

ClientSampleId :

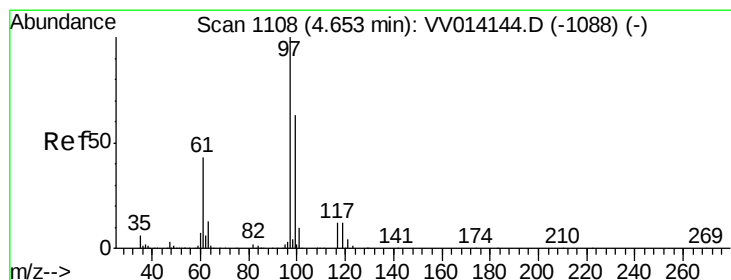
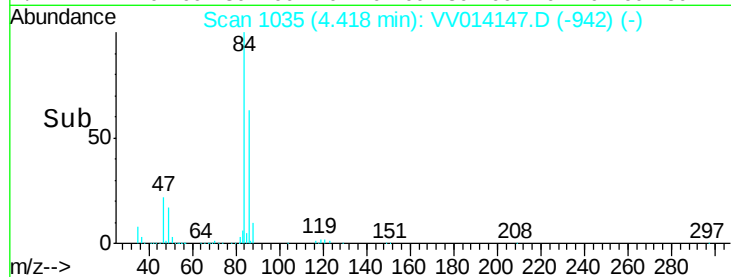
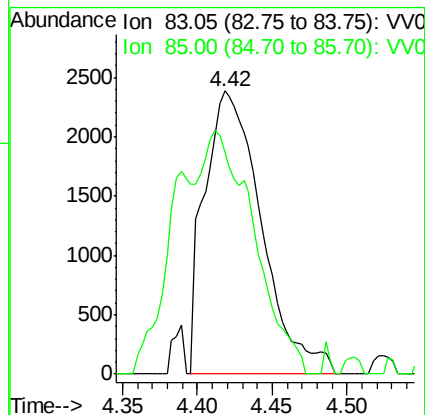
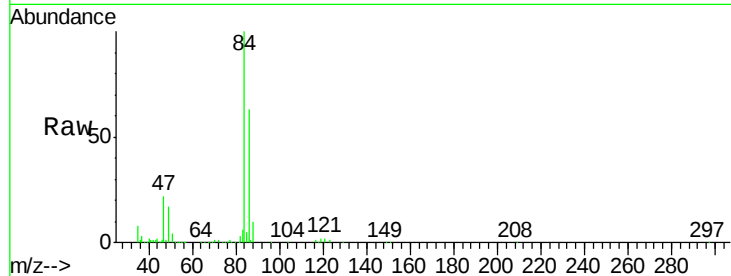
BFDY9DL

Tot Ion: 83 Resp: 6311

Ion Ratio Lower Upper

83 100

85 78.6 45.1 83.7



#29

1,1,1-Trichloroethane

Concen: 0.099 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VV014147.D

Acq: 20 Dec 2019 11:33

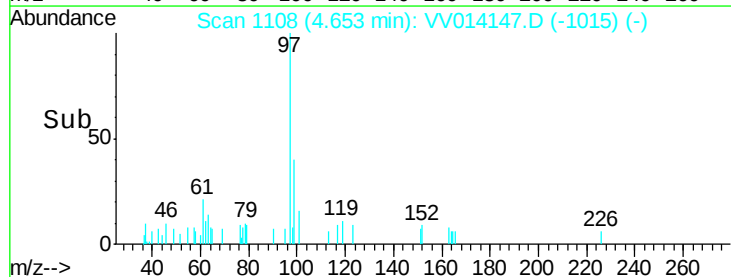
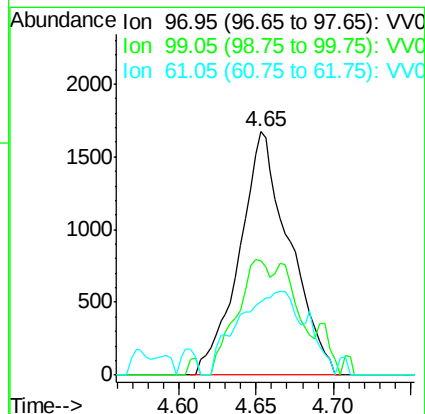
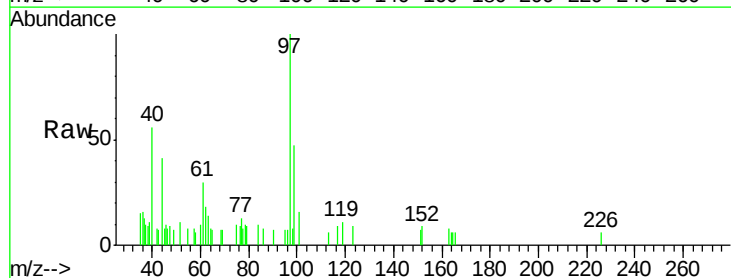
Tgt Ion: 97 Resp: 3783

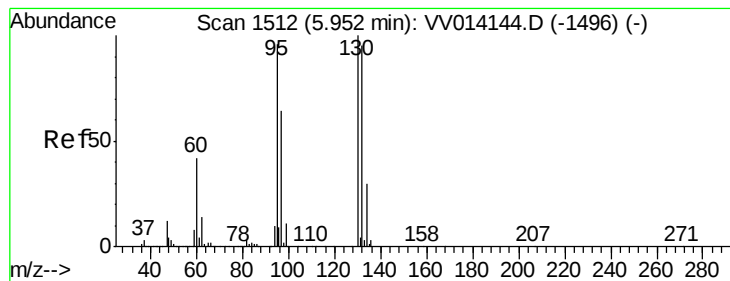
Ion Ratio Lower Upper

97 100

99 31.4 51.7 77.5#

61 46.8 35.0 52.6





#34

Trichloroethene

Concen: 8.663 ug/L

RT: 5.95 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014147.D

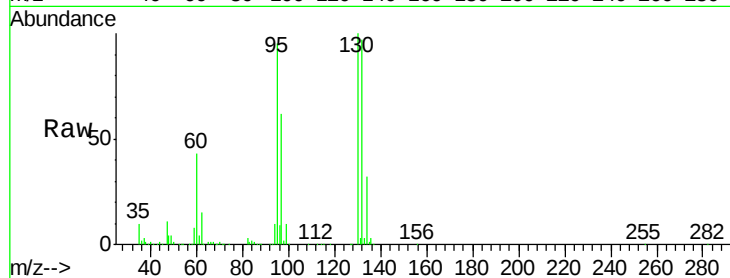
Acq: 20 Dec 2019 11:33

Instrument :

MSVOA_V

ClientSampleId :

BFDY9DL



Tot Ion: 95 Resp: 219061

Ion Ratio Lower Upper

95 100

97 65.5 45.6 84.8

132 102.5 70.5 130.9

130 105.7 75.9 140.9

Abundance 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): V

Ion 129.95 (129.65 to 130.65): V

