

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017145.D
 Acq On : 25 Jun 2020 23:11
 Operator : SY/MD
 Sample : L3106-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXN5

Quant Time: Jun 26 05:28:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	173494	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	166560	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77483	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45137	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	36562	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.12	63	69868	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.95	46	108838	41.01	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.02%
24) Chloroform-d	4.38	84	105612	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.06	65	56678	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.07	84	191454	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.10	67	55500	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.34	98	163576	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
45) trans-1,3-Dichloropropene-	7.65	79	20868	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
48) 2-Hexanone-d5	8.11	63	80085	39.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.02%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36708	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	64540	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

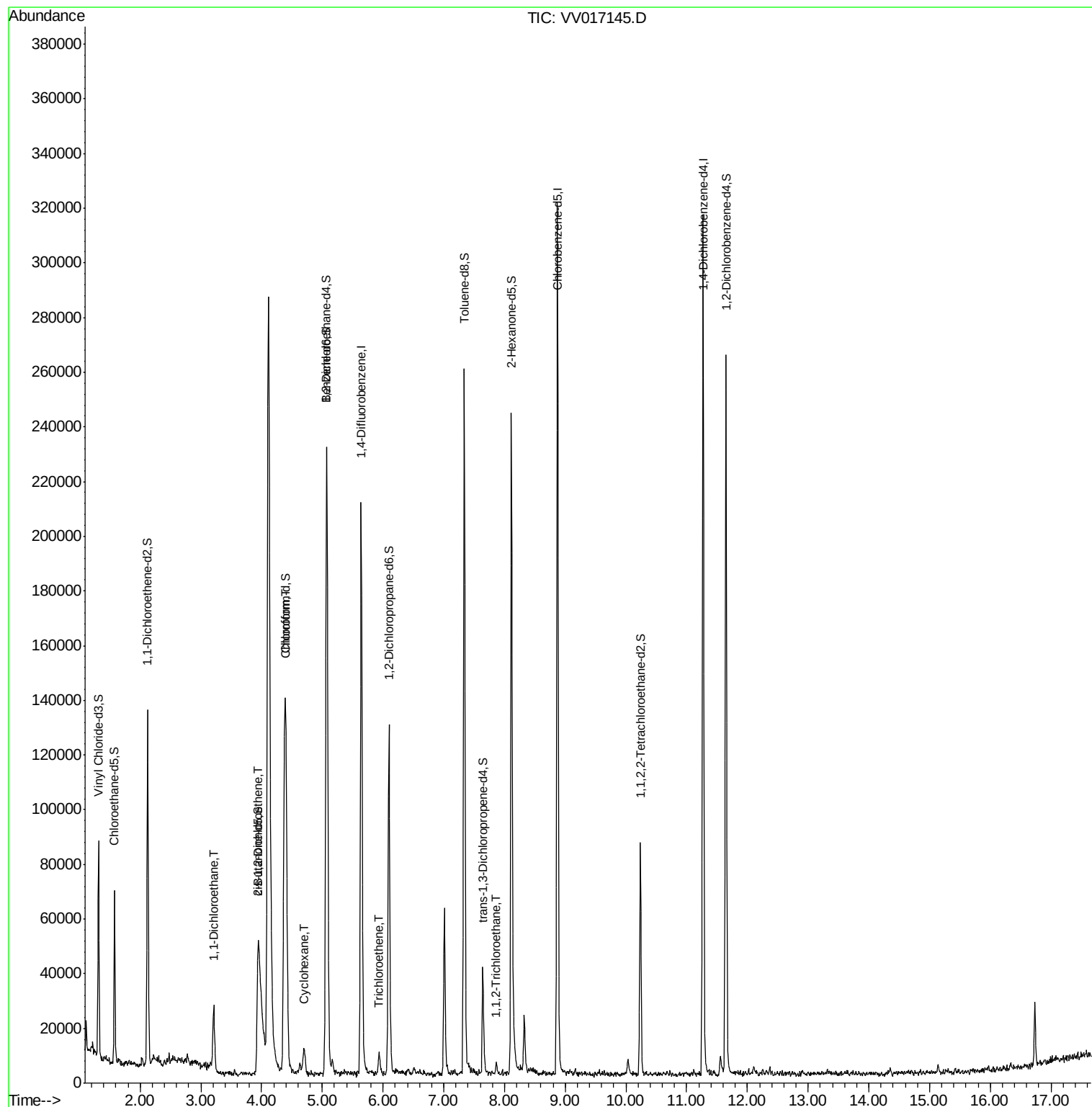
					Ovalue
19) 1,1-Dichloroethane	3.21	63	22576	1.139	ug/L 96
22) cis-1,2-Dichloroethene	3.94	96	5587	0.463	ug/L 98
25) Chloroform	4.41	83	88534	4.088	ug/L 97
30) Cyclohexane	4.70	56	4817	0.254	ug/L 93
34) Trichloroethene	5.94	95	1433	0.112	ug/L 95
47) 1,1,2-Trichloroethane	7.87	97	1058	0.138	ug/L # 80

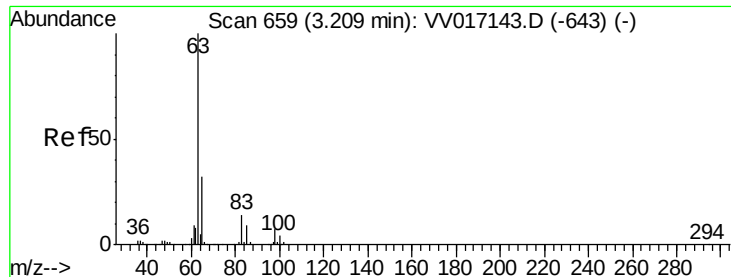
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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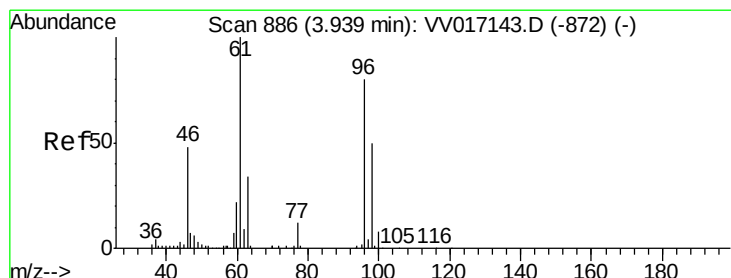
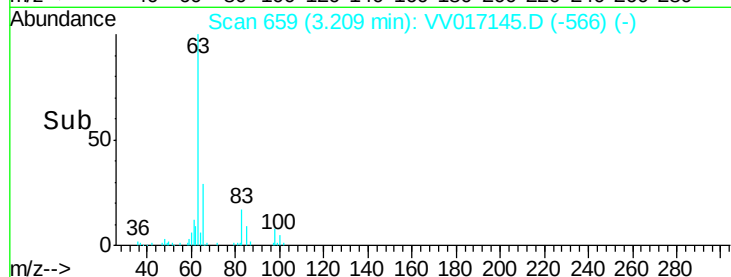
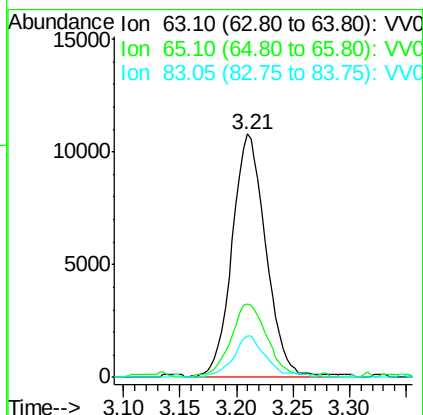
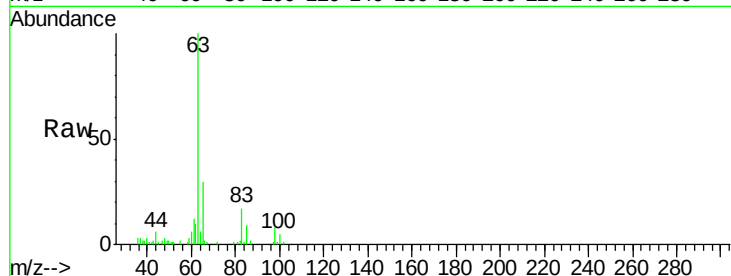




#19
 1,1-Dichloroethane
 Concen: 1.139 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017145.D
 Acq: 25 Jun 2020 23:11

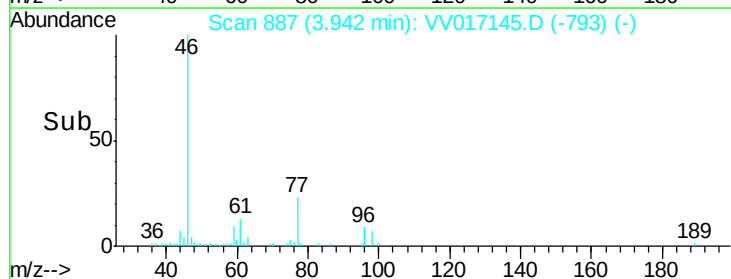
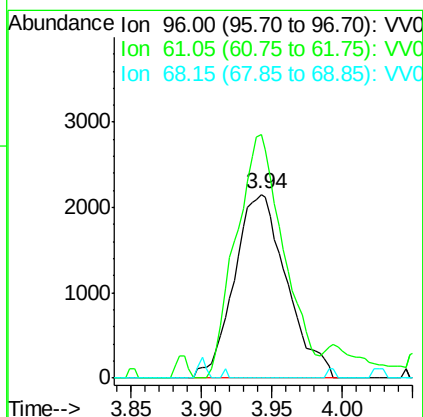
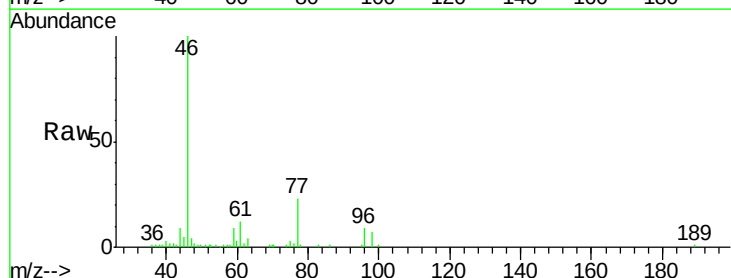
Instrument :
 MSVOA_V
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 BFXN5

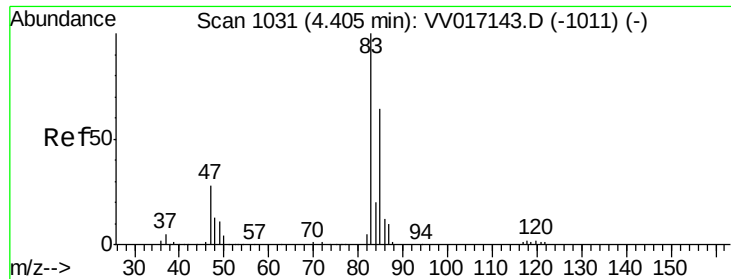
Tot Ion:	63	Resp:	22576
Ion	Ratio	Lower	Upper
63	100		
65	29.9	21.8	40.4
83	16.8	9.7	17.9



#22
 cis-1,2-Dichloroethene
 Concen: 0.463 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV017145.D
 Acq: 25 Jun 2020 23:11

Tgt Ion:	96	Resp:	5587
Ion	Ratio	Lower	Upper
96	100		
61	132.7	91.0	169.0
68	0.0	0.0	0.0

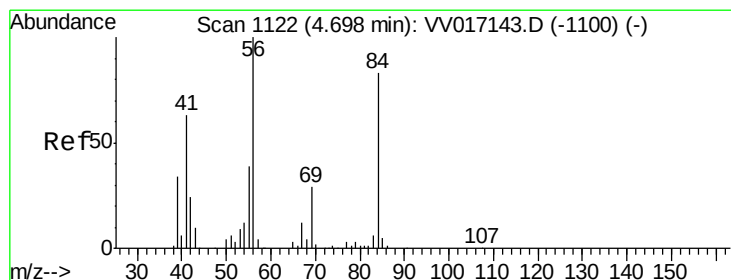
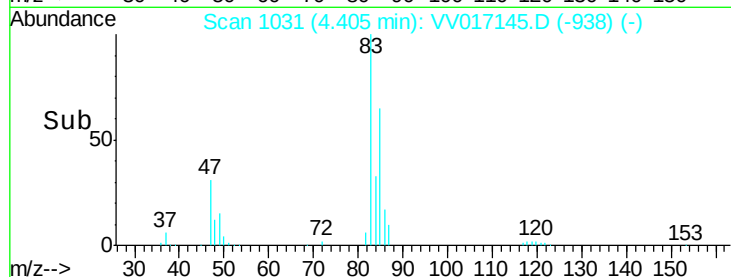
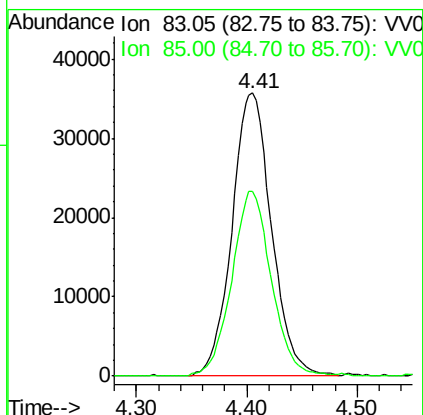
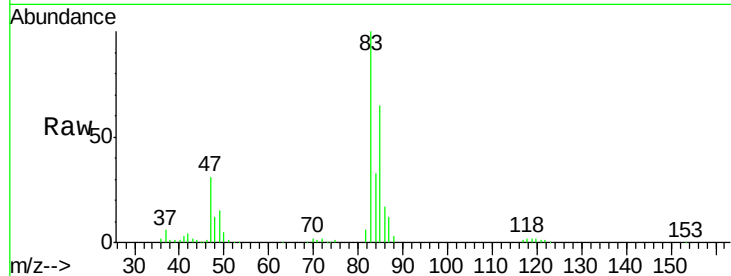




#25
Chloroform
Concen: 4.088 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017145.D
Acq: 25 Jun 2020 23:11

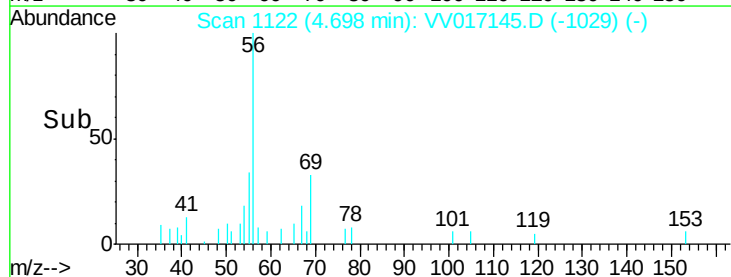
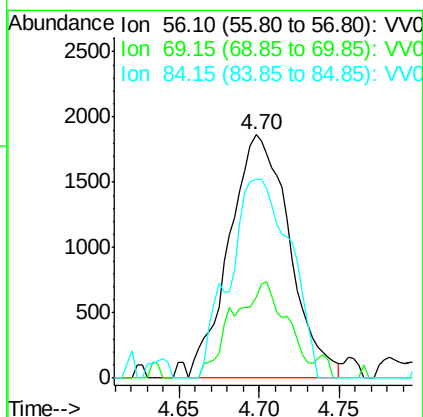
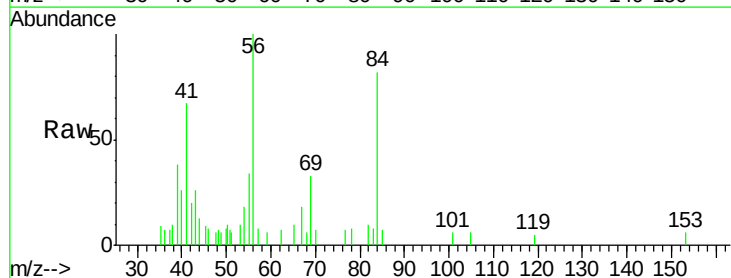
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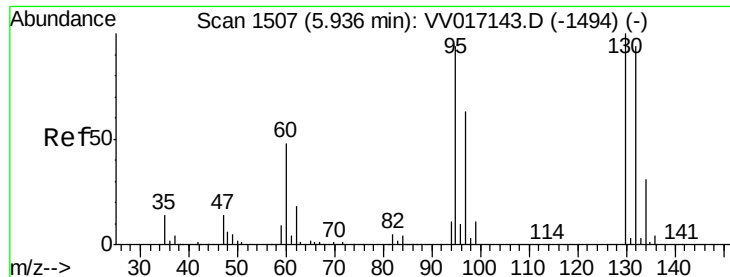
Tot Ion: 83 Resp: 88534
Ion Ratio Lower Upper
83 100
85 65.4 44.2 82.2



#30
Cyclohexane
Concen: 0.254 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VV017145.D
Acq: 25 Jun 2020 23:11

Tgt Ion: 56 Resp: 4817
Ion Ratio Lower Upper
56 100
69 35.6 24.4 36.6
84 82.2 69.9 104.9





#34

Trichloroethene

Concen: 0.112 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017145.D

Acq: 25 Jun 2020 23:11

Instrument :

MSVOA_V

ClientSampleId :

BFXN5

Tot Ion: 95 Resp: 1433

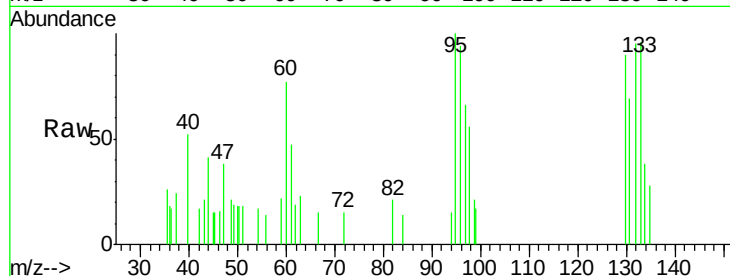
Ion Ratio Lower Upper

95 100

97 66.1 45.3 84.1

132 95.5 68.8 127.8

130 89.9 70.2 130.4

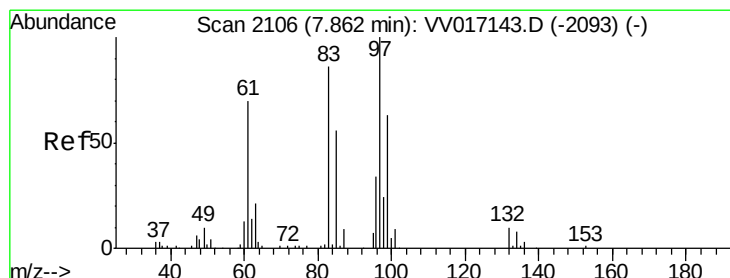
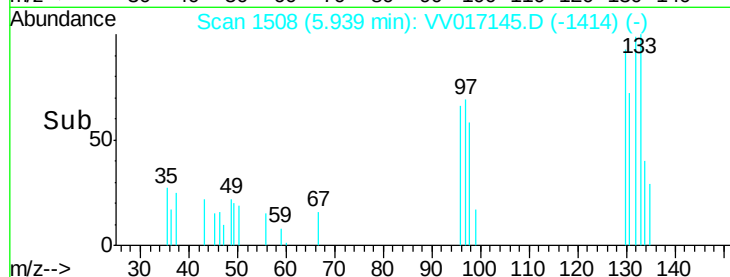
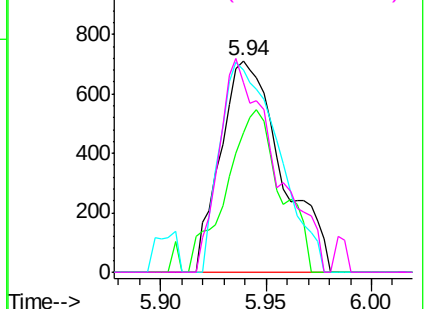


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#47

1,1,2-Trichloroethane

Concen: 0.138 ug/L

RT: 7.87 min Scan# 2109

Delta R.T. 0.01 min

Lab File: VV017145.D

Acq: 25 Jun 2020 23:11

Tgt Ion: 97 Resp: 1058

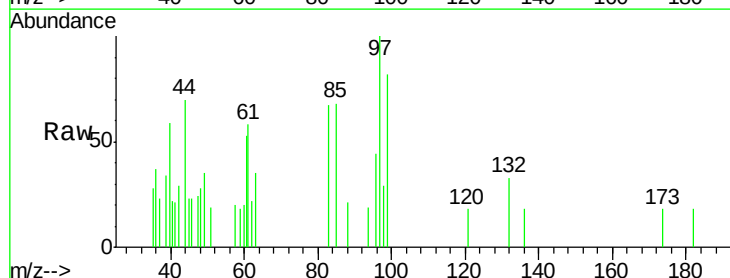
Ion Ratio Lower Upper

97 100

99 82.5 43.6 81.0#

83 66.8 57.4 106.6

85 67.6 38.8 72.0



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

