

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017135.D
 Acq On : 25 Jun 2020 18:23
 Operator : SY/MD
 Sample : L3106-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXM7

Quant Time: Jun 26 03:43:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 01:31:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	175886	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	168653	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79047	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50224	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	39158	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.12	63	72280	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.95	46	116136	43.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.34%
24) Chloroform-d	4.38	84	106560	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.06	65	56856	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.07	84	198106	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.09	67	57640	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.34	98	171809	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
45) trans-1,3-Dichloropropene-	7.64	79	22018	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
48) 2-Hexanone-d5	8.11	63	83245	40.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.10%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41087	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	67884	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

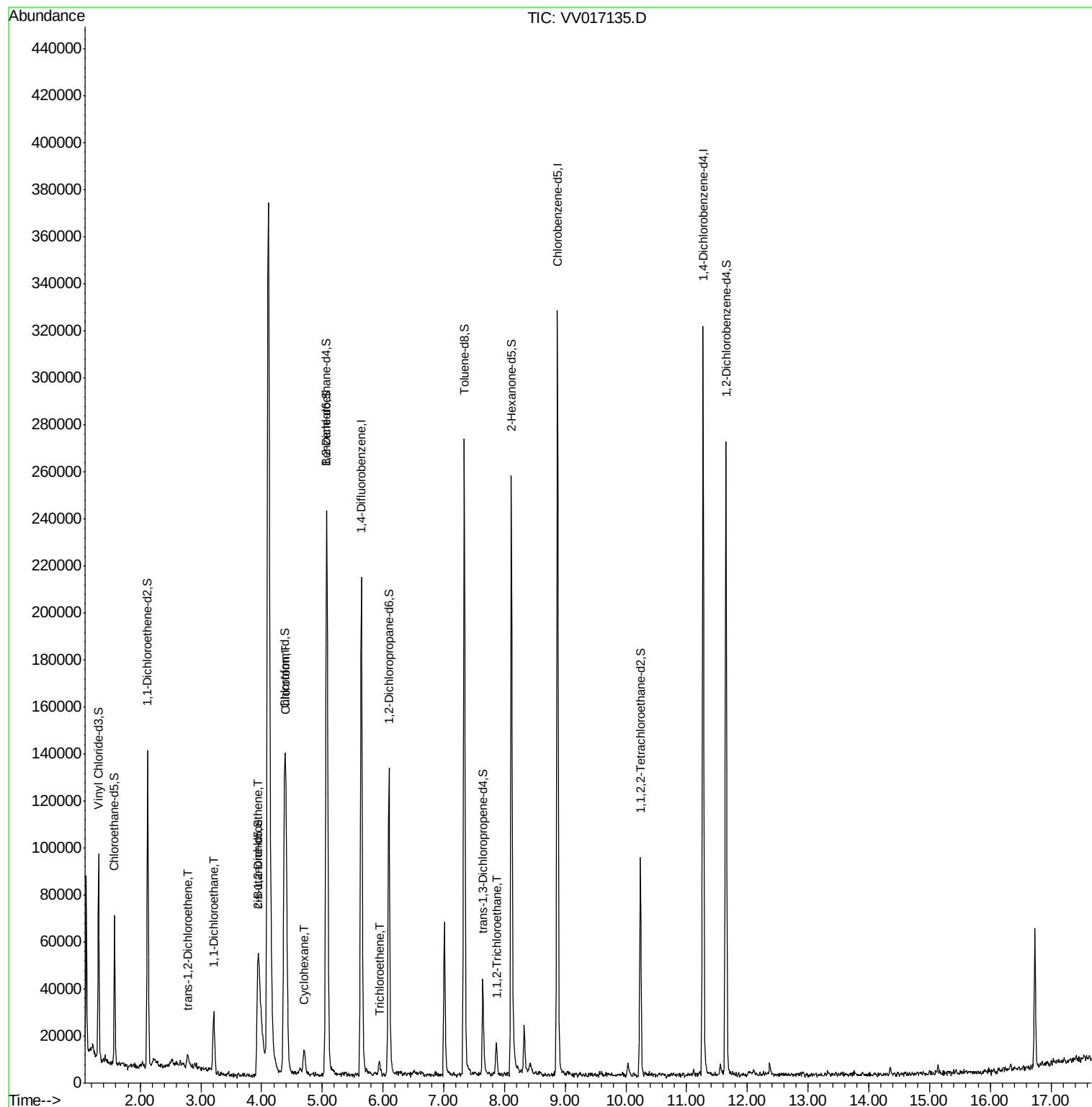
					Ovalue
18) trans-1,2-Dichloroethene	2.78	96	1034	0.116 ug/L	84
19) 1,1-Dichloroethane	3.21	63	24804	1.234 ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	4833	0.395 ug/L	89
25) Chloroform	4.41	83	83736	3.814 ug/L	98
30) Cyclohexane	4.70	56	5767	0.300 ug/L	95
34) Trichloroethene	5.95	95	1354	0.105 ug/L	90
47) 1,1,2-Trichloroethane	7.87	97	4095	0.528 ug/L	93

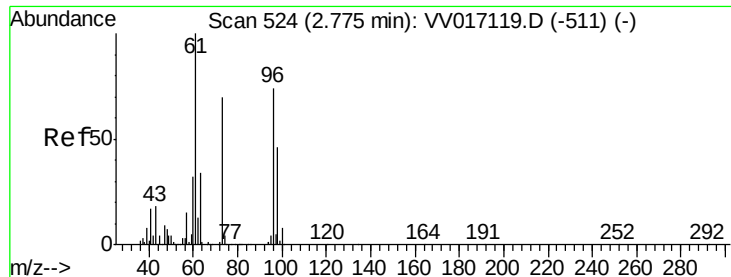
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 01:31:34 2020
Response via : Initial Calibration





#18

trans-1,2-Dichloroethene

Concen: 0.116 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017135.D

Acq: 25 Jun 2020 18:23

Instrument :

MSVOA_V

ClientSampleId :

BFXM7

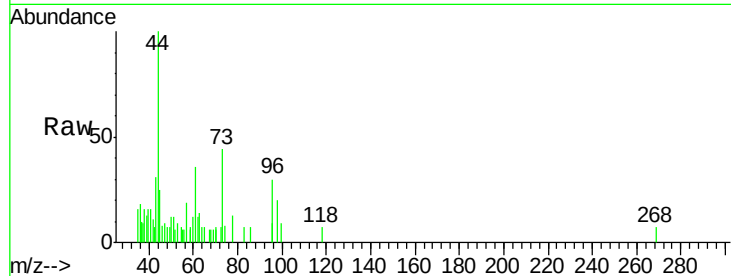
Tot Ion: 96 Resp: 1034

Ion Ratio Lower Upper

96 100

61 120.2 102.3 189.9

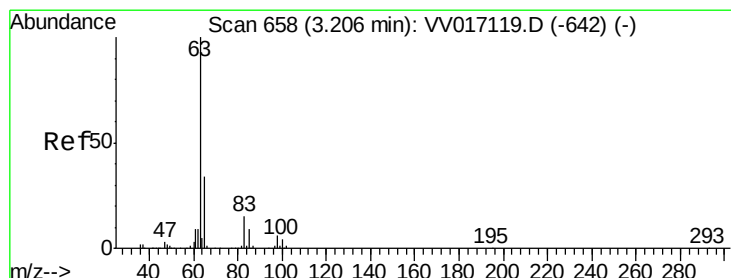
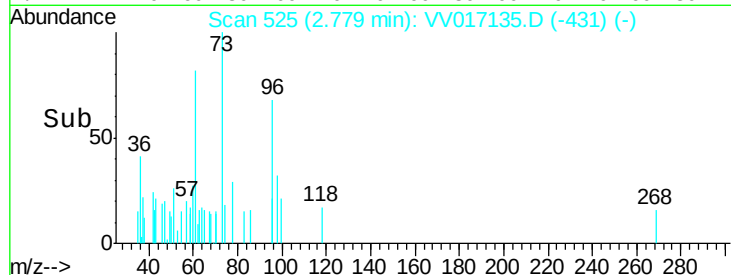
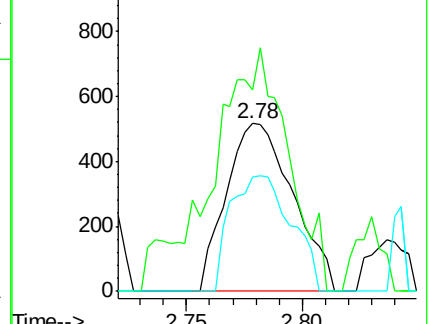
98 67.8 44.7 82.9



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#19

1,1-Dichloroethane

Concen: 1.234 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.01 min

Lab File: VV017135.D

Acq: 25 Jun 2020 18:23

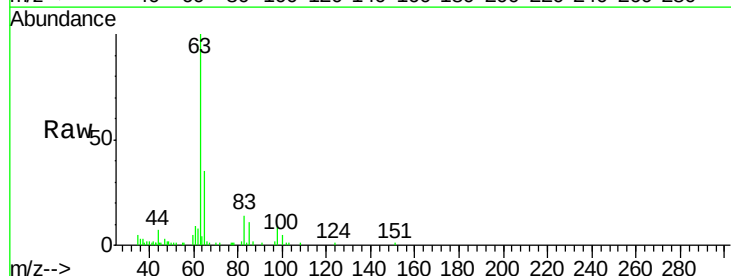
Tgt Ion: 63 Resp: 24804

Ion Ratio Lower Upper

63 100

65 34.7 21.8 40.4

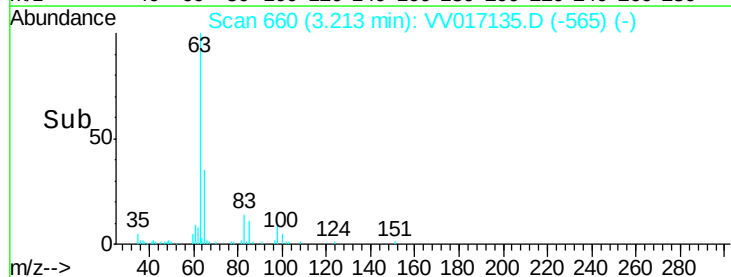
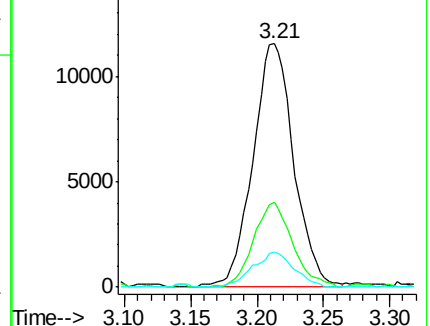
83 14.4 9.7 17.9

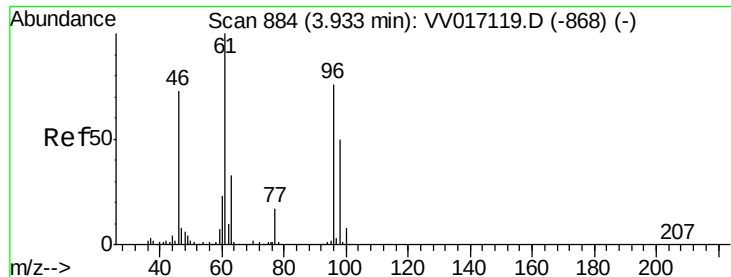


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0





#22

cis-1,2-Dichloroethene

Concen: 0.395 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017135.D

Acq: 25 Jun 2020 18:23

Instrument :

MSVOA_V

ClientSampleId :

BFXM7

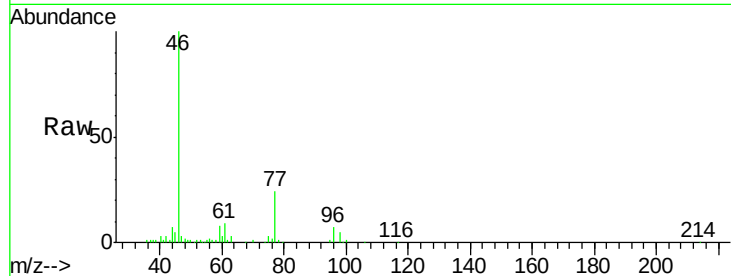
Tot Ion: 96 Resp: 4833

Ion Ratio Lower Upper

96 100

61 117.7 91.0 169.0

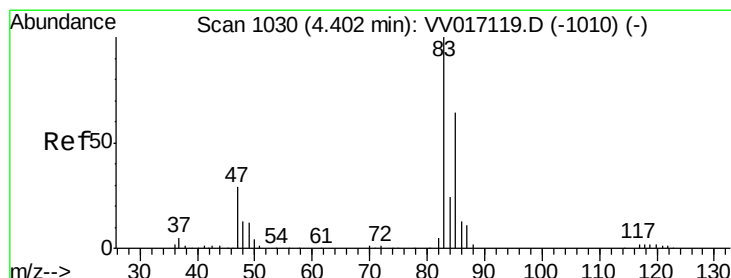
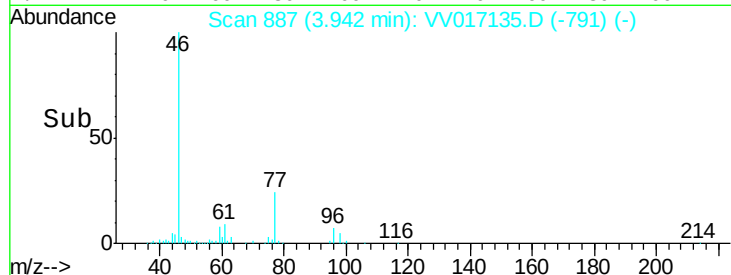
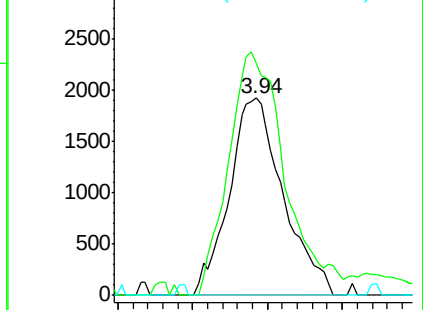
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#25

Chloroform

Concen: 3.814 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV017135.D

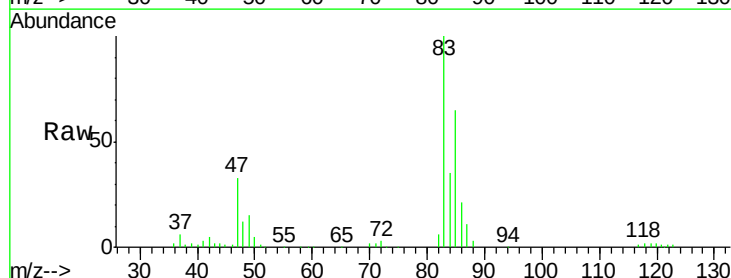
Acq: 25 Jun 2020 18:23

Tgt Ion: 83 Resp: 83736

Ion Ratio Lower Upper

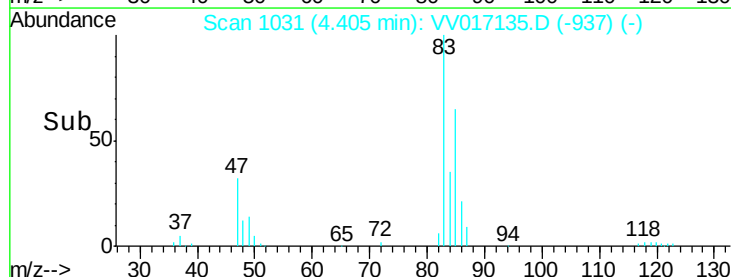
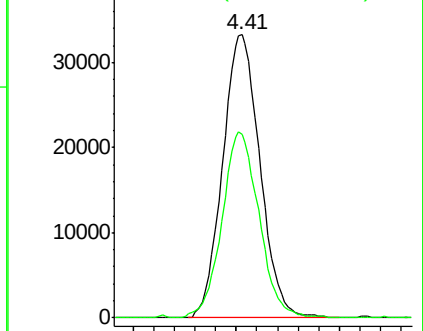
83 100

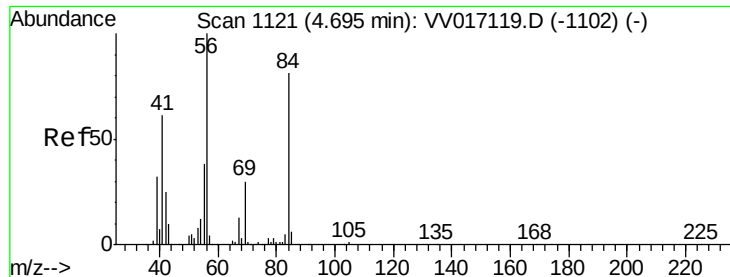
85 64.9 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

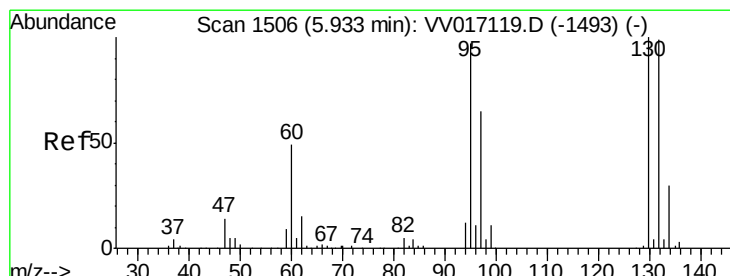
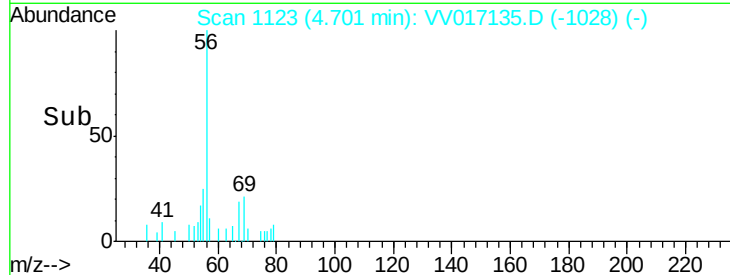
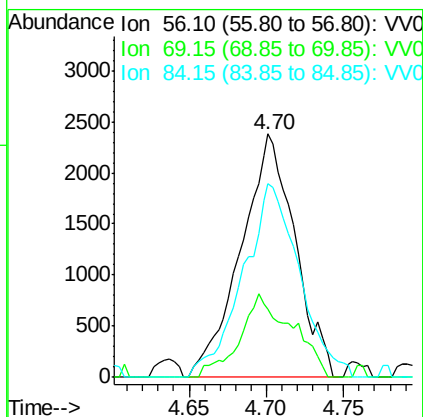
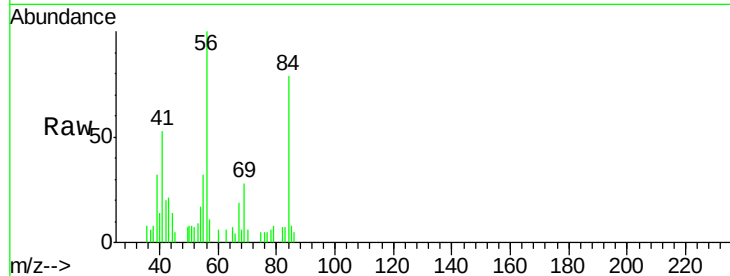




#30
Cyclohexane
Concen: 0.300 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VV017135.D
Acq: 25 Jun 2020 18:23

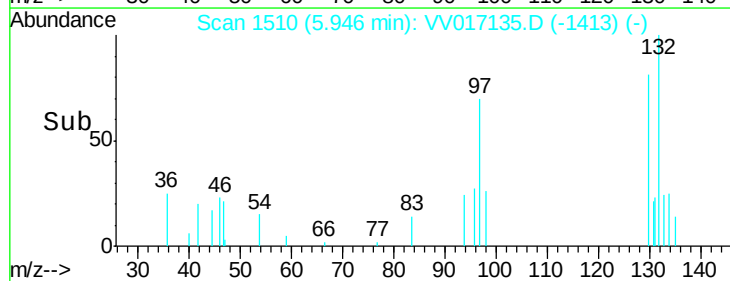
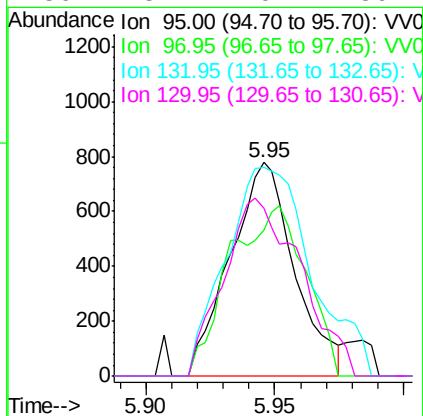
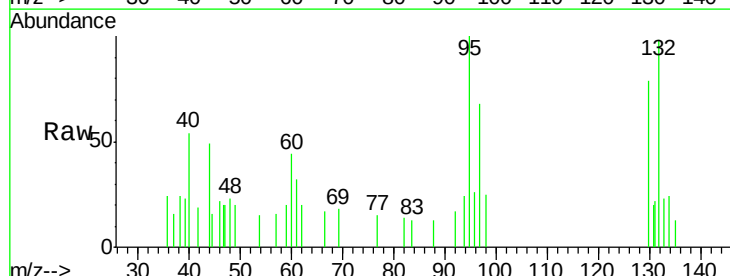
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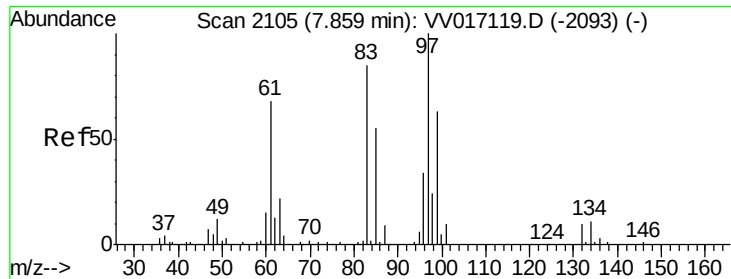
Tot Ion: 56 Resp: 5767
Ion Ratio Lower Upper
56 100
69 33.1 24.4 36.6
84 83.2 69.9 104.9



#34
Trichloroethene
Concen: 0.105 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017135.D
Acq: 25 Jun 2020 18:23

Tgt Ion: 95 Resp: 1354
Ion Ratio Lower Upper
95 100
97 68.4 45.3 84.1
132 97.6 68.8 127.8
130 78.7 70.2 130.4





#47
 1,1,2-Trichloroethane
 Concen: 0.528 ug/L
 RT: 7.87 min Scan# 2107
 Delta R.T. 0.01 min
 Lab File: VV017135.D
 Acq: 25 Jun 2020 18:23

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXM7

Tot Ion:	97	Resp:	4095
Ion	Ratio	Lower	Upper
97	100		
99	52.9	43.6	81.0
83	74.5	57.4	106.6
85	55.9	38.8	72.0

