

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012121\
 Data File : VV020111.D
 Acq On : 21 Jan 2021 16:07
 Operator : SY/MD
 Sample : M1181-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E28

Quant Time: Jan 22 06:44:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 22 06:43:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

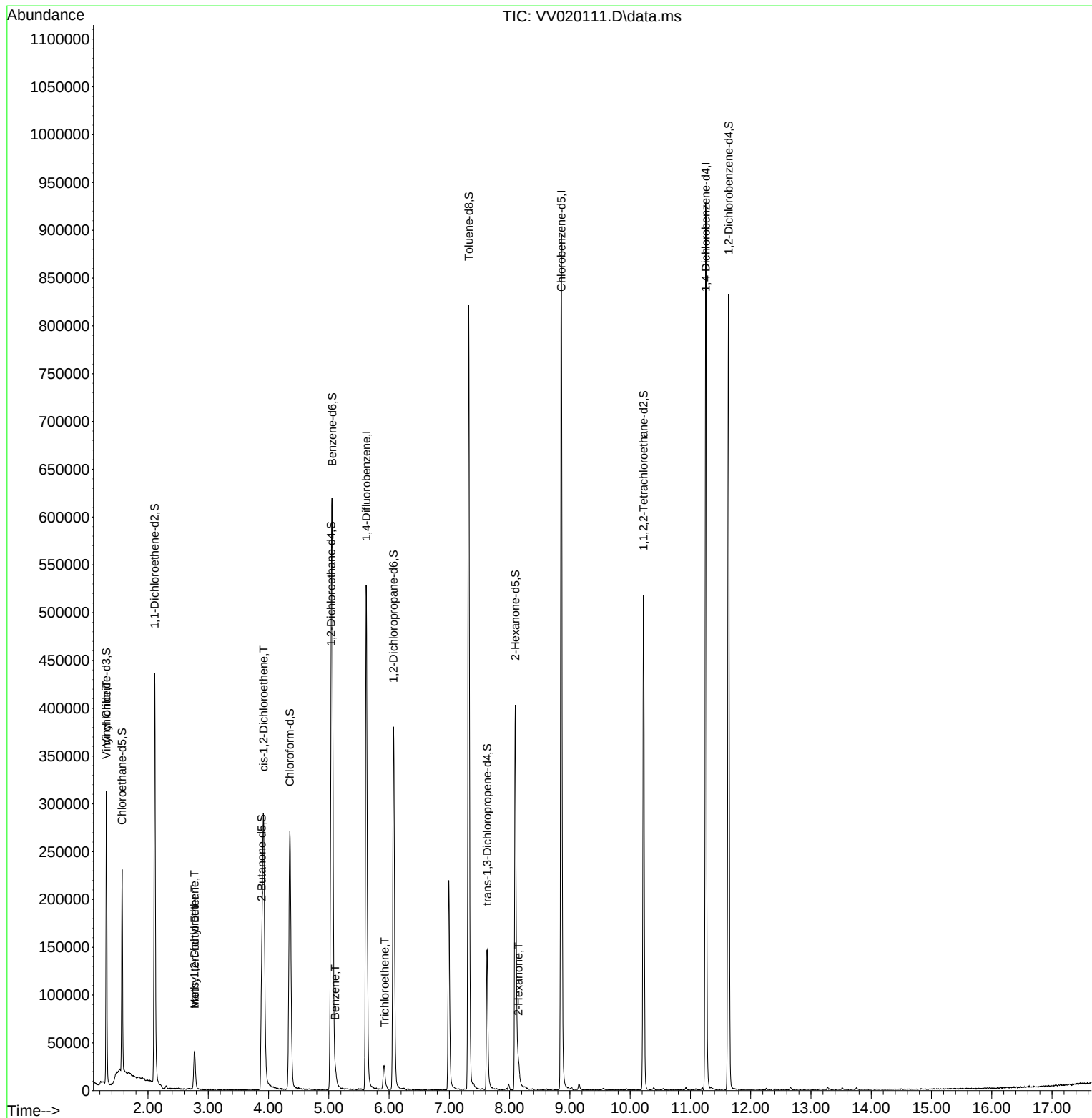
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	420979	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	472232	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	227750	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	146486	46.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.82%		
7) Chloroethane-d5	1.569	69	128705	49.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.48%		
11) 1,1-Dichloroethene-d2	2.110	63	230055	36.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.78%		
21) 2-Butanone-d5	3.888	46	190052	88.75	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.75%		
24) Chloroform-d	4.354	84	266332	45.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.08%		
26) 1,2-Dichloroethane-d4	5.036	65	191757	47.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.60%		
32) Benzene-d6	5.055	84	498946	38.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.74%		
36) 1,2-Dichloropropane-d6	6.074	67	168488	41.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.08%		
41) Toluene-d8	7.322	98	522893	43.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.44%		
43) trans-1,3-Dichloroprop...	7.627	79	81787	40.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.42%		
47) 2-Hexanone-d5	8.093	63	125014	73.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.25%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	236303	42.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.10%		
64) 1,2-Dichlorobenzene-d4	11.633	152	204436	47.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.54%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.312	62	47973	13.15	ug/L	95
17) trans-1,2-Dichloroethene	2.769	96	2117	0.75	ug/L	92
18) Methyl tert-butyl Ether	2.775	73	30812	3.35	ug/L	96
20) cis-1,2-Dichloroethene	3.917	96	131766	43.26	ug/L	100
33) Benzene	5.106	78	14327	1.01	ug/L	100
34) Trichloroethene	5.929	95	3990	0.99	ug/L	97
48) 2-Hexanone	8.148	43	13288	3.09	ug/L #	95

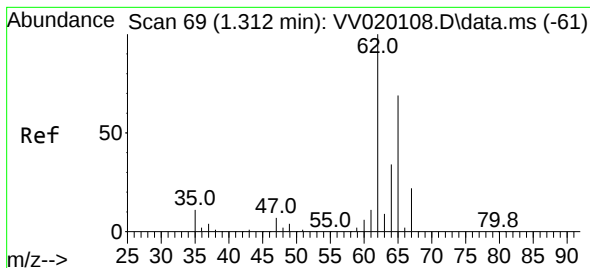
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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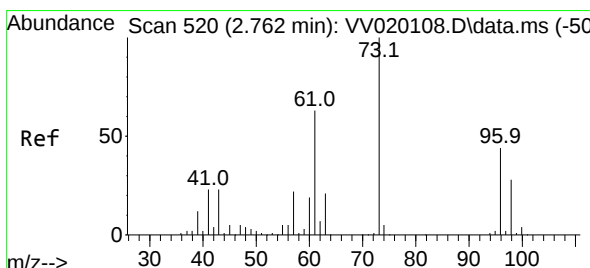
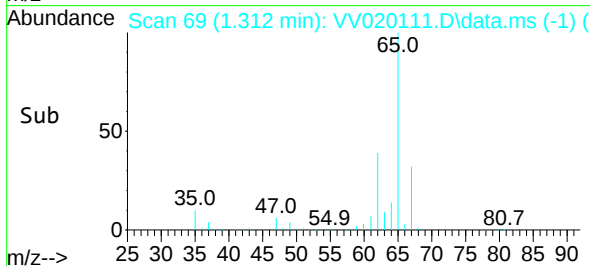
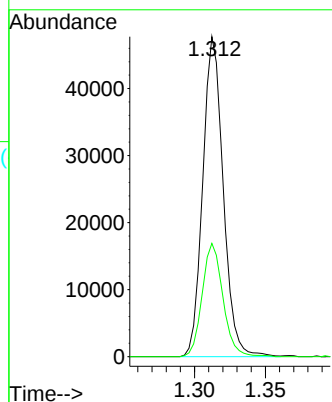
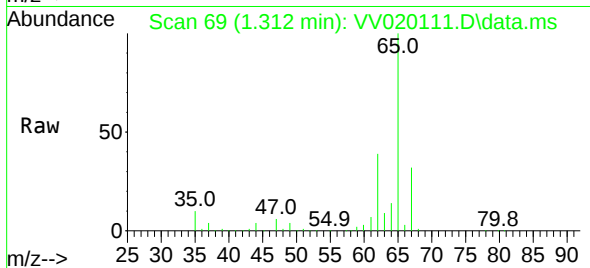




#5
 Vinyl chloride
 Concen: 13.15 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020111.D
 Acq: 21 Jan 2021 16:07

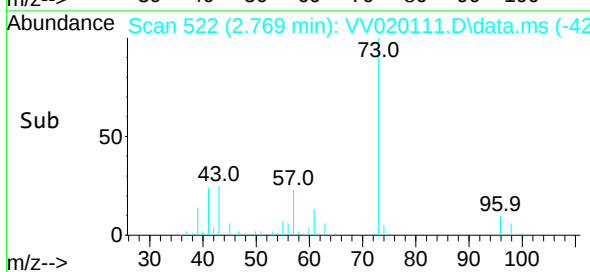
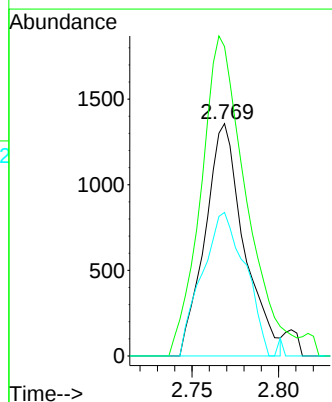
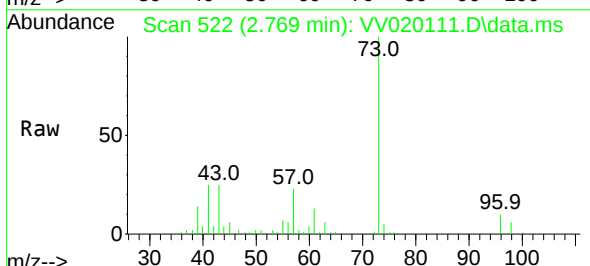
Instrument :
 MSVOA_V
 ClientSampleId :
 F1E28

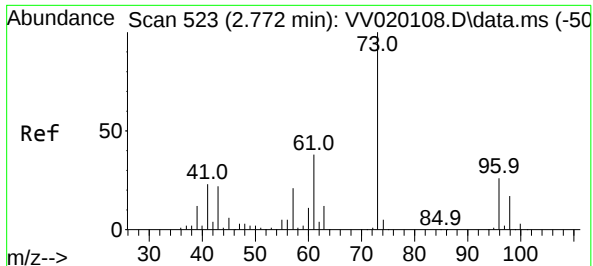
Tgt Ion: 62 Resp: 47973
 Ion Ratio Lower Upper
 62 100
 64 35.4 23.0 42.6



#17
 trans-1,2-Dichloroethene
 Concen: 0.75 ug/L
 RT: 2.769 min Scan# 522
 Delta R.T. 0.006 min
 Lab File: VV020111.D
 Acq: 21 Jan 2021 16:07

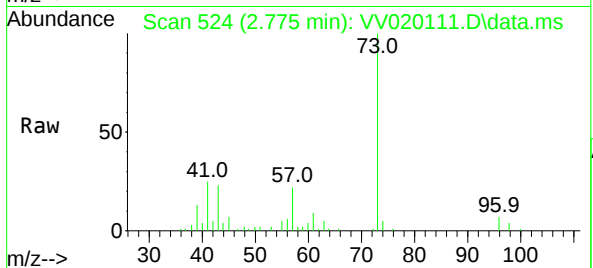
Tgt Ion: 96 Resp: 2117
 Ion Ratio Lower Upper
 96 100
 61 133.2 103.1 191.5
 98 61.8 43.1 80.1



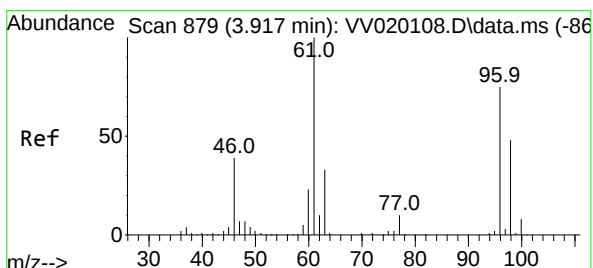
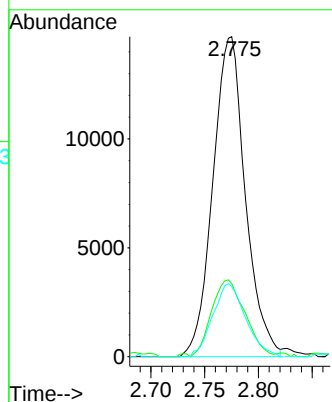
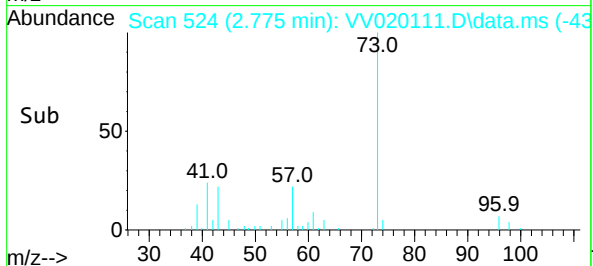


#18
Methyl tert-butyl Ether
Concen: 3.35 ug/L
RT: 2.775 min Scan# 524
Delta R.T. 0.003 min
Lab File: VV020111.D
Acq: 21 Jan 2021 16:07

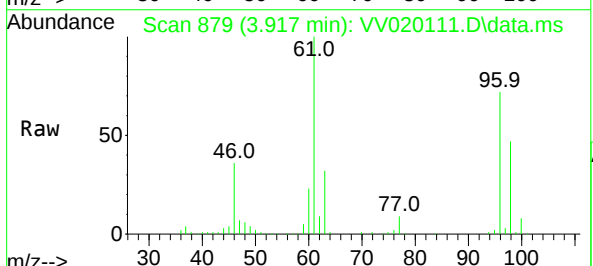
Instrument :
MSVOA_V
ClientSampleId :
F1E28



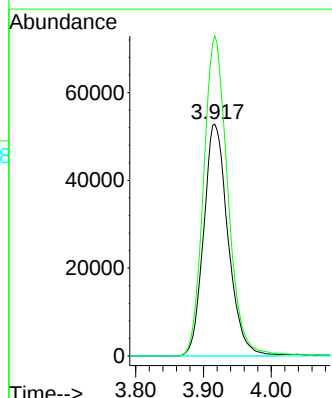
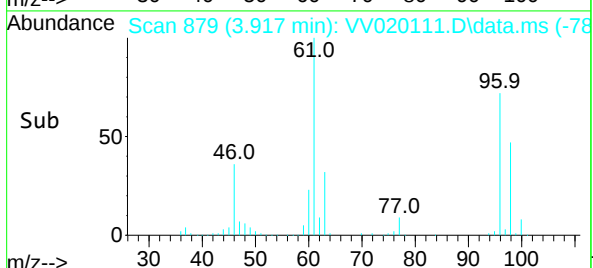
Tgt Ion: 73 Resp: 30812
Ion Ratio Lower Upper
73 100
43 24.8 17.3 25.9
57 23.1 17.9 26.9

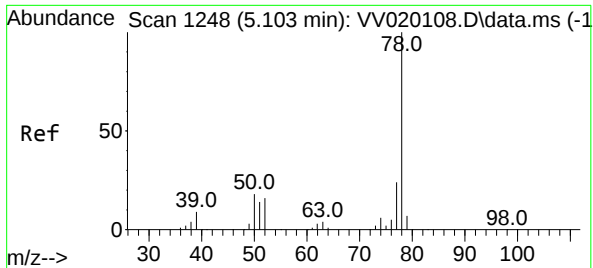


#20
cis-1,2-Dichloroethene
Concen: 43.26 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.000 min
Lab File: VV020111.D
Acq: 21 Jan 2021 16:07



Tgt Ion: 96 Resp: 131766
Ion Ratio Lower Upper
96 100
61 138.0 96.9 179.9
68 0.0 0.0 0.0

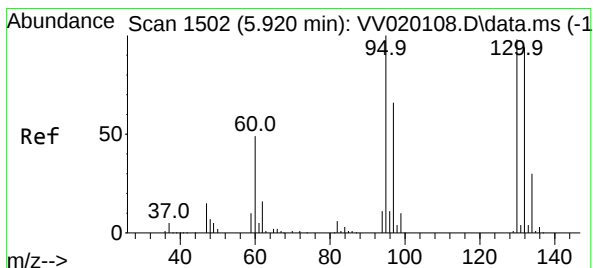
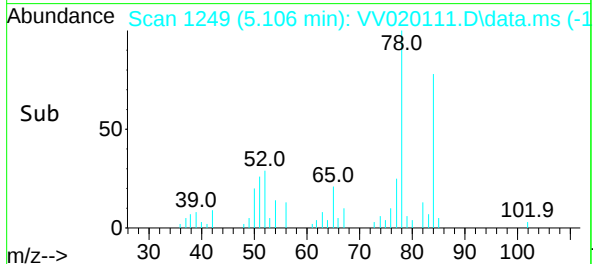
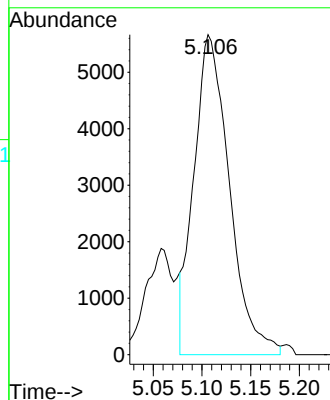
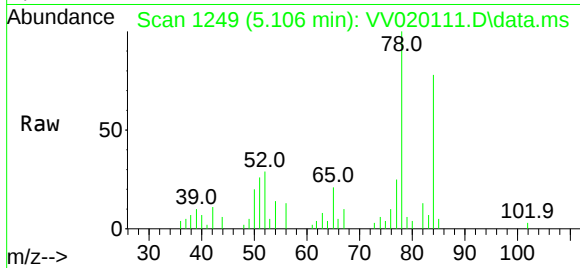




#33
Benzene
Concen: 1.01 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VV020111.D
Acq: 21 Jan 2021 16:07

Instrument :
MSVOA_V
ClientSampleId :
F1E28

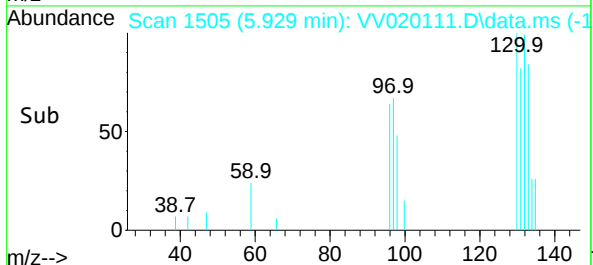
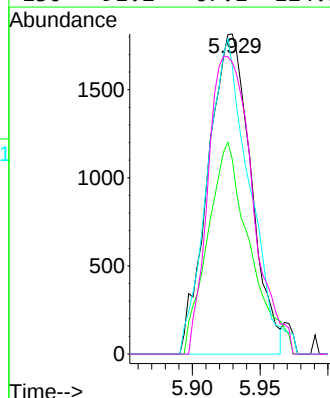
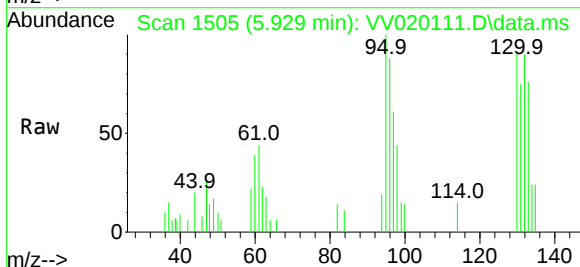
Tgt Ion: 78 Resp: 14327

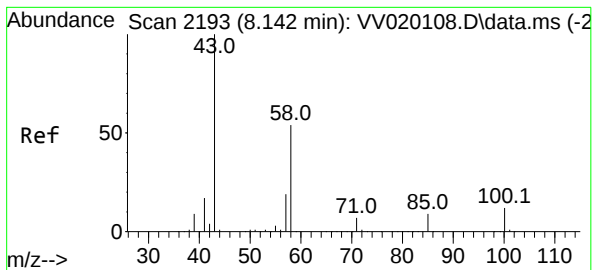


#34
Trichloroethene
Concen: 0.99 ug/L
RT: 5.929 min Scan# 1505
Delta R.T. 0.010 min
Lab File: VV020111.D
Acq: 21 Jan 2021 16:07

Tgt Ion: 95 Resp: 3990

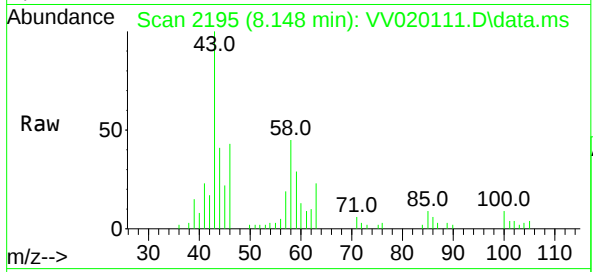
Ion	Ratio	Lower	Upper
95	100		
97	61.0	44.5	82.7
132	90.1	63.4	117.8
130	91.2	67.1	124.5





#48
 2-Hexanone
 Concen: 3.09 ug/L
 RT: 8.148 min Scan# 2195
 Delta R.T. 0.006 min
 Lab File: VV020111.D
 Acq: 21 Jan 2021 16:07

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E28



Tgt Ion: 43	Resp: 13288
Ion Ratio	Lower Upper
43	100
58	49.1 41.8 62.6
57	19.4 15.0 22.4
100	5.1 8.9 13.3#

